CITY COUNCIL MEETING AGENDA
City Hall – 1104 Maple Street
April 18, 2022 6:00 PM

Please click the link below to join the webinar:
https://sumnerwa-gov.zoom.us/j/89096545330
Or One tap mobile :
US: +12532158782,,89096545330# or +13462487799,,89096545330#
Or Telephone:
Dial(for higher quality, dial a number based on your current location):
US: +1 253 215 8782 or +1 346 248 7799 or +1 669 900 6833 or +1 929 205 6099 or +1 301 715 8592 or +1 312 626 6799
Webinar ID: 890 9654 5330

CALL TO ORDER

Pledge of Allegiance

Invocation

Roll Call: Bitetto, Brown, Cole, Hochstatter, Neuman, Reed and Stuard

PRESENTATION

Introduction of New Police Officers

Sumner Senior Center Update

The following items are distributed to Councilmembers in advance for study and review, and the recommended actions will be accepted in a single motion. Any item may be removed for further discussion if requested by a Councilmember.

CONSENT AGENDA

1. 160th Pervious Sidewalks - Construction Contract
2. Resolution No.1625 - Approval of Heritage Capital Projects Application Submittal
3. Approval of the minutes from the April 4, 2022 regular meeting and the April 11, 2022 study session.

PUBLIC HEARING

REGULAR BUSINESS

1. **Unfinished Business**
2. **Public Comment (Limit 3 minutes)**
   Members of the community who wish to give public comment are strongly encouraged to join the meeting via the ZOOM link or by telephone. If you are unable to join the meeting, please submit your public comment in writing via email to the City Clerk at Michellec@sumnerwa.gov no later than 5:30pm on the date of the meeting. Any written comments received will be read into the record and provided to the City Council. Please contact the City Clerk at 253-299-5590 with any questions.
3. **New Business**

a. Appointment to the Sumner Lodging Tax Advisory Committee (Anderson)

b. Reappointment to the Cultural Arts Commission (Shore)

c. Appointment to the Design Commission (Madden)

d. Ordinance No. 2816 - Amending Sumner Municipal Code 6.04 - Kennel License Definitions and Requirements

e. Resolution No. 1619 - Park Master Plan Approval (Seibenthaler Park and the Bennett Property)

f. Ordinance No. 2817 - Updating Electronic Signatures

4. **Reports**

   a. Council

   b. City Administrator

   c. Mayor

5. **Executive Session**

6. **Adjournment**

This meeting is accessible to persons with disabilities. For individuals who may require special accommodations, please contact the City Clerk at (253) 299-5590, 24 hours in advance.

CITY COUNCIL MEETING
DATE: April 18, 2022
AGENDA BILL: 21-1823

SUBJECT: 160th Pervious Sidewalks - Construction Contract **CATEGORY:** Consent

BUDGET IMPACT:
Expenditure Required: $467,818.18 Within Budget Allocation: Yes

ATTACHMENTS:
1. Bid Tab
2. Public Works Contract

STAFF CONTACT: Andrew Leach, Public Works Manager, Michael Kosa, City Engineer

SUMMARY BACKGROUND:
The City of Sumner received funding through the Washington State Department of Ecology to construct and design sidewalks on the east side of 160th Ave E, from 60th St E to the YMCA. This sidewalk will increase pedestrian access to the YMCA and also give an opportunity to install stormwater treatment for water flowing to Salmon Creek. Minor roadway widening, landscaping, and conduits for future street lighting are also being installed by the project.

Four (4) bids were received on March 31, 2022 for this project. The lowest responsible bidder was submitted by RS Underground Inc., with a bid amount of $425,289.25. The engineer's estimate for this project was $432,413.00.

The Contractor will have twenty-five (25) days to complete the project.

COUNCIL COMMITTEE/STUDY SESSION: **Public Works Committee**
MEETING/STUDY SESSION DATE: 4/5/2022
COMMITTEE RECOMMENDATION: Do pass

STAFF RECOMMENDATIONS/MOTION:
A motion authorizing the Mayor and City Administrator to execute all necessary contract documents with RS Underground Inc., in an amount not-to-exceed $425,289.25 for the 160th Retrofit and Pervious Sidewalks Project (CIP 19-08), substantially in a form approved by the City Attorney.

Bid Tabulation

	Project Name:	160th Retrofit and Pervious Sidewalks											
	CIP No.:	19-08											
	Bid Opening Date:	March 31, 2022											
	Notes:			**Engineer's Estimate**		**Bidder #1**		**Bidder #2**		**Bidder #3**		**Bidder #4**	
	Indicates error corrected by PW dept	$X,XXX.XX				RS Underground Inc.		Active Construction Inc.		Northwest Cascade Inc.		Nordvind Company, LLC	
	Indicates Bidder modified Proposal	$X,XXX.XX				7725 142nd Ave E		5110 River Rd. E		P.O. Box 73399		43112 248th Ave SE	
	Indicates Revision Due to Duplication	*				Puyallup, WA 98372		Tacoma, WA 98443		Puyallup, WA 98373		Enumclaw, WA 98022	
				Total	**$432,413.00**	**Total**	**$425,289.25**	**Total**	**$512,512.00**	**Total**	**$543,076.50**	**Total**	**$608,521.59**
Bid Item	**Bid Item Description**	**Unit**	**Quant**	**Unit Price**	**Amount**	**Unit Price**	**Amount**	**Unit Price**	**Amount**	**Unit Price**	**Amount**	**Unit Price**	**Amount**
	Schedule A- 160th Ave E Retrofit Ecology Non-Eligible												
100	Minor Change	EQ. ADJ.	1	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00
101	Roadway Surveying	LS	1	$7,500.00	$7,500.00	$7,500.00	$7,500.00	$3,675.00	$3,675.00	$3,600.00	$3,600.00	$3,912.50	$3,912.50
102	Record Drawings	LS	1	$500.00	$500.00	$500.00	$500.00	$500.00	$500.00	$500.00	$500.00	$1,000.00	$1,000.00
103	Property Restoration	FA	1	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00
104	Mobilization	LS	1	$30,000.00	$30,000.00	$25,000.00	$25,000.00	$41,144.00	$41,144.00	$60,000.00	$60,000.00	$15,000.00	$15,000.00
105	Project Temporary Traffic Control	LS	1	$35,000.00	$35,000.00	$15,000.00	$15,000.00	$48,875.00	$48,875.00	$31,000.00	$31,000.00	$20,000.00	$20,000.00
106	Removal of Structures and Obstructions	LS	1	$15,000.00	$15,000.00	$2,500.00	$2,500.00	$15,650.00	$15,650.00	$6,250.00	$6,250.00	$5,000.00	$5,000.00
107	Removing Asphalt Conc. Pavement	SY	919	$12.00	$11,028.00	$5.00	$4,595.00	$14.25	$13,095.75	$16.50	$15,163.50	$112.50	$103,387.50
108	Adjust Utility to Grade	EA	1	$800.00	$800.00	$500.00	$500.00	$500.00	$500.00	$700.00	$700.00	$500.00	$500.00
109	Potholing	EA	3	$750.00	$2,250.00	$250.00	$750.00	$720.00	$2,160.00	$600.00	$1,800.00	$500.00	$1,500.00
110	Roadway Excavation Incl. Haul	LS	1	$12,500.00	$12,500.00	$17,000.00	$17,000.00	$8,313.00	$8,313.00	$28,500.00	$28,500.00	$25,000.00	$25,000.00
111	Gravel Borrow Incl. Haul	TON	40	$50.00	$2,000.00	$28.00	$1,120.00	$68.25	$2,730.00	$53.00	$2,120.00	$65.00	$2,600.00
112	Unsuitable Roadway Excavation Incl. Haul	CY	125	$110.00	$13,750.00	$25.00	$3,125.00	$67.00	$8,375.00	$110.00	$13,750.00	$65.00	$8,125.00
113	Crushed Surfacing Top Course	TON	35	$50.00	$1,750.00	$52.00	$1,820.00	$90.50	$3,167.50	$75.00	$2,625.00	$65.00	$2,275.00
114	HMA CL. 1/2 In. PG 58H-22	TON	284	$140.00	$39,760.00	$170.00	$48,280.00	$168.25	$47,783.00	$157.00	$44,588.00	$175.00	$49,700.00
115	Commercial HMA for Driveway	TON	27	$190.00	$5,130.00	$170.00	$4,590.00	$372.75	$10,064.25	$430.00	$11,610.00	$175.00	$4,725.00
116	Cement Treated Base	SY	830	$15.00	$12,450.00	$10.25	$8,507.50	$16.25	$13,487.50	$15.00	$12,450.00	$36.15	$30,004.50
117	Cementitious Material	TON	39	$150.00	$5,850.00	$250.00	$9,750.00	$269.00	$10,491.00	$265.00	$10,335.00	$150.00	$5,850.00
118	CTB Mix Design	EA	1	$3,500.00	$3,500.00	$5,550.00	$5,550.00	$5,850.00	$5,850.00	$5,750.00	$5,750.00	$1,000.00	$1,000.00
119	New Ergo Access Assembly, Adjust to Grade	EA	1	$1,500.00	$1,500.00	$1,500.00	$1,500.00	$1,100.00	$1,100.00	$1,550.00	$1,550.00	$850.00	$850.00
120	New Meter Box, Adjust to Grade	EA	4	$1,000.00	$4,000.00	$500.00	$2,000.00	$1,075.00	$4,300.00	$750.00	$3,000.00	$812.50	$3,250.00
121	New Cleanout Ring and Cover, Adjust to Grade	EA	3	$800.00	$2,400.00	$150.00	$450.00	$450.00	$1,350.00	$875.00	$2,625.00	$500.00	$1,500.00
122	Topsoil Type A	CY	129	$65.00	$8,385.00	$48.00	$6,192.00	$68.25	$8,804.25	$75.00	$9,675.00	$50.00	$6,450.00
123	Bark or Wood Chip Mulch	CY	2	$100.00	$200.00	$150.00	$300.00	$76.50	$153.00	$87.00	$174.00	$50.00	$100.00
124	Sod Installation	SY	199	$10.00	$1,990.00	$6.50	$1,293.50	$21.25	$4,228.75	$17.00	$3,383.00	$50.00	$9,950.00
125	PS Parrotia Persica 'Vanessa'/Vanessa Persian Parrotia; 2.5" Cal., 12'-14' Ht.	EA	14	$650.00	$9,100.00	$750.00	$10,500.00	$646.00	$9,044.00	$1,050.00	$14,700.00	$1,071.40	$14,999.60
126	PS Cornus stolonifera 'Kelseyii'/ Kelseyii Red-Twig Dogwood; 1 Gal. Cont.	EA	4	$18.00	$72.00	$25.00	$100.00	$23.50	$94.00	$10.50	$42.00	$100.00	$400.00
127	Plant Establishment - 1 Year (Minimum Bid $5,000)	LS	1	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$8,800.00	$8,800.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00
128	Resolution of Utility Conflicts	FA	1	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00
129	Commercial Conc. Driveway Approach 3-Day Mix	SY	100	$115.00	$11,500.00	$135.00	$13,500.00	$105.75	$10,575.00	$135.00	$13,500.00	$90.62	$9,062.00
130	Temporary Fence	LF	90	$10.00	$900.00	$17.00	$1,530.00	$13.50	$1,215.00	$3.50	$315.00	$10.00	$900.00
131	Mailbox Support Type 1	EA	1	$550.00	$550.00	$500.00	$500.00	$887.00	$887.00	$500.00	$500.00	$500.00	$500.00
132	PVC Conduit, 2 In. Diam Schedule 80	LF	1,150	$4.00	$4,600.00	$12.00	$13,800.00	$22.50	$25,875.00	$14.00	$16,100.00	$22.50	$25,875.00
133	Junction Box Type 2	EA	3	$1,250.00	$3,750.00	$1,500.00	$4,500.00	$1,900.00	$5,700.00	$1,900.00	$5,700.00	$2,000.00	$6,000.00
134	Permanent Signing	LS	1	$2,500.00	$2,500.00	$1,500.00	$1,500.00	$1,750.00	$1,750.00	$1,750.00	$1,750.00	$1,000.00	$1,000.00
135	Paint Line	LF	1,215	$1.00	$1,215.00	$4.00	$4,860.00	$2.50	$3,037.50	$2.50	$3,037.50	$6.90	$8,383.50
136A1	Seeded Lawn Installation	SY	135	$10.00	$1,350.00	$4.50	$607.50	$11.75	$1,586.25	$5.00	$675.00	$10.00	$1,350.00
				Schedule A Subtotal	**$272,780.00**	**A Subtotal**	**$239,220.50**	**A Subtotal**	**$339,360.75**	**A Subtotal**	**$349,468.00**	**A Subtotal**	**$392,149.60**

Bid Tabulation

Project Name: 160th Retrofit and Pervious Sidewalks
CIP No.: 19-08
Bid Opening Date: March 31, 2022

Notes:	
Indicates error corrected by PW dept	$X,XXX.XX
Indicates Bidder modified Proposal	$X,XXX.XX
Indicates Revision Due to Duplication	*

Bid Item	Bid Item Description	Unit	Quant	Engineer's Estimate Unit Price	Engineer's Estimate Amount	Bidder #1 Unit Price	Bidder #1 Amount	Bidder #2 Unit Price	Bidder #2 Amount	Bidder #3 Unit Price	Bidder #3 Amount	Bidder #4 Unit Price	Bidder #4 Amount
				Total	$432,413.00	Total	$425,289.25	Total	$512,512.00	Total	$543,076.50	Total	$608,521.59
						RS Underground Inc.		Active Construction Inc.		Northwest Cascade Inc.		Nordvind Company, LLC	
						7725 142nd Ave E		5110 River Rd. E		P.O. Box 73399		43112 248th Ave SE	
						Puyallup, WA 98372		Tacoma, WA 98443		Puyallup, WA 98373		Enumclaw, WA 98022	
	Schedule B - 160th Ave E Retrofit Ecology Eligible												
200	SPCC Plan	LS	1	$1,500.00	$1,500.00	$750.00	$750.00	$250.00	$250.00	$525.00	$525.00	$1,000.00	$1,000.00
201	Mobilization	LS	1	$15,000.00	$15,000.00	$20,000.00	$20,000.00	$1,000.00	$1,000.00	$32,250.00	$32,250.00	$10,000.00	$10,000.00
202	Roadway Excavation Incl. Haul	LS	1	$7,500.00	$7,500.00	$8,000.00	$8,000.00	$8,300.00	$8,300.00	$4,000.00	$4,000.00	$25,000.00	$25,000.00
203	Shoring or Extra Excavation Class B	LS	1	$4,500.00	$4,500.00	$1,500.00	$1,500.00	$63.50	$63.50	$1,275.00	$1,275.00	$2,500.00	$2,500.00
204	Construction Geotextile for Soil Separation	SY	550	$4.50	$2,475.00	$4.50	$2,475.00	$4.25	$2,337.50	$4.00	$2,200.00	$3.39	$1,864.50
205	Geomembrane Liner	SY	19	$30.00	$570.00	$25.00	$475.00	$81.50	$1,548.50	$13.50	$256.50	$52.63	$999.99
206	Permeable Ballast	TON	127	$70.00	$8,890.00	$44.00	$5,588.00	$49.75	$6,318.25	$66.00	$8,382.00	$150.00	$19,050.00
207	Cement Treated Base	SY	205	$15.00	$3,075.00	$10.25	$2,101.25	$16.25	$3,331.25	$18.00	$3,690.00	$36.15	$7,410.75
208	Cementitious Material	TON	10	$150.00	$1,500.00	$250.00	$2,500.00	$269.00	$2,690.00	$275.00	$2,750.00	$150.00	$1,500.00
209	Solid Wall PVC Storm Sewer Pipe 12 In. Diam.	LF	233	$85.00	$19,805.00	$95.00	$22,135.00	$72.00	$16,776.00	$125.00	$29,125.00	$130.50	$30,406.50
210	Catch Basin Type 1	EA	1	$1,850.00	$1,850.00	$2,500.00	$2,500.00	$2,000.00	$2,000.00	$1,800.00	$1,800.00	$2,000.00	$2,000.00
211	Biopod Unit	EA	1	$20,000.00	$20,000.00	$32,000.00	$32,000.00	$39,950.00	$39,950.00	$30,150.00	$30,150.00	$28,563.75	$28,563.75
212	Unsuitable Pipe Foundation Excavation Incl. Haul	CY	5	$100.00	$500.00	$45.00	$225.00	$163.00	$815.00	$120.00	$600.00	$100.00	$500.00
213	Erosion and Water Pollution Prevention	LS	1	$5,000.00	$5,000.00	$2,500.00	$2,500.00	$3,270.00	$3,270.00	$4,000.00	$4,000.00	$1,000.00	$1,000.00
214	Inlet Protection	EA	3	$100.00	$300.00	$150.00	$450.00	$89.00	$267.00	$80.00	$240.00	$75.00	$225.00
215	Silt Fence	LF	525	$6.00	$3,150.00	$10.00	$5,250.00	$6.25	$3,281.25	$7.00	$3,675.00	$3.81	$2,000.25
216	Cement Conc. Traffic Curb and Gutter	LF	610	$42.00	$25,620.00	$37.75	$23,027.50	$52.00	$31,720.00	$40.00	$24,400.00	$43.75	$26,687.50
217	Pervious Cement Conc. Sidewalk	SY	351	$70.00	$24,570.00	$92.00	$32,292.00	$103.00	$36,153.00	$80.00	$28,080.00	$76.25	$26,763.75
				Schedule B Subtotal	**$145,805.00**	**B Subtotal**	**$163,768.75**	**B Subtotal**	**$160,071.25**	**B Subtotal**	**$177,398.50**	**B Subtotal**	**$187,471.99**
	Schedule C - (Additive A1) - 2" Grind and Inlay												
300	Mobilization	LS	1	$1,500.00	$1,500.00	$1,000.00	$1,000.00	$300.00	$300.00	$1,000.00	$1,000.00	$5,000.00	$5,000.00
301	Project Temporary Traffic Control	LS	1	$3,000.00	$3,000.00	$1,500.00	$1,500.00	$2,000.00	$2,000.00	$1,350.00	$1,350.00	$3,000.00	$3,000.00
302	Planing Bituminous Pavement	SY	352	$9.00	$3,168.00	$35.00	$12,320.00	$10.00	$3,520.00	$20.00	$7,040.00	$37.50	$13,200.00
303	HMA CL. 1/2 In. PG 58H-22	TON	44	$140.00	$6,160.00	$170.00	$7,480.00	$165.00	$7,260.00	$155.00	$6,820.00	$175.00	$7,700.00
				Schedule C Subtotal	**$13,828.00**	**C Subtotal**	**$22,300.00**	**C Subtotal**	**$13,080.00**	**C Subtotal**	**$16,210.00**	**C Subtotal**	**$28,900.00**
	Total Estimated Construction Cost Bid (Schedule A+B) =				**$418,585.00**		**$402,989.25**		**$499,432.00**		**$526,866.50**		**$579,621.59**
	Total Estimated Construction Cost Bid + Additive A1 (Schedule A+B+C) =				**$432,413.00**		**$425,289.25**		**$512,512.00**		**$543,076.50**		**$608,521.59**

Prepared by: Andrew Leach
Date: 3/31/2022

PUBLIC WORKS CONTRACT
between City of Sumner and

RS Underground, Inc.

THIS AGREEMENT, made and entered into this day_____, between the City of Sumner under and by virtue of Title 35 RCW (Cities and towns) as amended and RS Underground, Inc., hereinafter called the Contractor.

WITNESSETH:

That in consideration of the terms and conditions contained herein and attached and made a part of this agreement, the parties hereto covenant and agree as follows:

I. The Contractor shall do all work and furnish all tools, materials and equipment for

CIP 19-08 160th Retrofit and Pervious Sidewalk Project

in accordance with and as described in the (a) attached plans and specifications, (b) the standard specifications of the Washington State Department of Transportation, and (c) all other documents, specifications, provisions and required regulations contained in the Bid Document package provided at bid opening, all of which are considered the "Contract Documents" and are incorporated herein by this reference and made part hereof as if fully set forth in this contract, and, shall perform any changes in the work in accord with the Contract Documents.

The Contractor shall provide and bear the expense of all equipment, work and labor, of any sort whatsoever that may be required for the transfer of materials and for constructing and completing the work provided for in these Contract Documents except those items mentioned therein to be furnished by the City of Sumner.

II. The City of Sumner hereby promises and agrees with the Contractor to employ, and does employ the Contractor to provide the materials and to do and cause to be done the above described work and to complete and finish the same in accord with the attached plans and specifications and the terms and conditions herein contained and hereby contracts to pay for the same according to the attached specifications and the schedule of unit or itemized prices at the time and in the manner upon the conditions provided for in this contract. The Contractor for himself/herself, and for his/her heirs, executors, administrators, successors, and kin, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.

III. Contractor's Employees – Employment Eligibility Requirements (E-Verify).

The Contractor and any subcontractors shall comply with E-Verify as set forth in Sumner Municipal Code Chapter 3.30. E-Verify is an Internet-based system operated by United States Citizenship and Immigration Services in partnership with the Social Security Administration. E-Verify is free to employers and is available in all 50 states. E-Verify provides an automated link to federal databases to help employers determine employment eligibility of new hires and the validity of their Social Security numbers. The Contractor shall enroll in, participate in and document use of E-Verify as a condition of the award of this contract. The Contractor shall continue participation in E-Verify throughout the course of the Contractor's contractual relationship with the City. If the Contractor uses or employs any subcontractor in the performance of work under this contract, or any subsequent renewals, modifications or extension of this contract, the subcontractor shall register in and participate in E-Verify and certify such participation to the Contractor. Upon execution of this Contract, the Contractor shall provide proof of compliance with this section by filling out and signing the attached Certification of Compliance with Sumner's Municipal Code 3.30 "E-Verify" attached hereto as Exhibit B.

IV. It is further provided that no liability shall attach to the City of Sumner by reason of entering into this contract except as provided herein.

V. Debarment. The Contractor must certify that it, and its subcontractors, have not been and are not currently on the Federal or the Washington State Debarment List and if the Contractor or its subcontractors become listed on the Federal or State Debarment List, the City will be notified immediately.

VI. Application of Uniform Guidance. If this contract involves the use, in whole or in part, of federal award(s), provisions (A)-(J) in Appendix II to Part 200 of the Uniform Guidance (2 CFR Ch. 11 (1-1-14 edition) are hereby incorporated, as applicable, as if fully set forth herein. *See* attached Exhibit C.

IN WITNESS WHEREOF, the Contractor has executed this instrument, on the day and year first below written and the Local Agency Approving Authority has caused this instrument to be executed by and in the name of said City of Sumner the day and year first above written.

CONTRACTOR:	**CITY OF SUMNER:**
By:_____ *(signature)* Print Name: Ron Sprague Its_____ *(Title)* DATE:_____	By:_____ *(signature)* Print Name: Kathy Hayden Its Mayor *(Title)* DATE:_____

	By:_____ *(signature)* Print Name:____Jason Wilson_____ Its_____City Administrator_____ *(Title)* DATE:_____ Attest: Approved as to form: _____ _____ City Clerk City Attorney DATE:_____ DATE: _____
NOTICES TO BE SENT TO: **CONTRACTOR:** Ron Sprague, President RS Underground, Inc. 7725 142nd Ave Puyallup, WA 98372 253-208-4843 rsuinc@aol.com	**NOTICES TO BE SENT TO:** **CITY OF SUMNER:** Andrew Leach, Public Works Manager City of Sumner 1104 Maple Street Sumner, WA 98390 253-299-5711 andrewl@sumnerwa.gov

SCHEDULE OF PRICES
160th Retrofit and Pervious Sidewalks
ALL ENTRIES SHALL BE WRITTEN IN INK OR TYPED TO VALIDATE BID
(Note: Unit prices for all items, all extensions, and total amount of bid must be shown.)

ITEM NO.	APPROX. QUANTITY	ITEM WITH UNIT PRICED BID		UNIT PRICE Dollars Cts.	AMOUNT Dollars Cts.
		Schedule A: 160th Ave E Retrofit Ecology Non-Eligible			
100	1 EQ. ADJ.	Minor Change, per Equity Adjustment	1-04	$ 5,000.00 (figures)	$ 5,000.00 (figures)
101	1 LS	Roadway Surveying, per Lump Sum	1-05	LUMP SUM (figures)	$ 7500.00 (figures)
102	1 LS	Record Drawings (Min. Bid $500), per Lump Sum	1-05	LUMP SUM (figures)	$ 500.00 (figures)
103	1 FA	Property Restoration, per Force Account	1-07	$ 5,000.00 (figures)	$ 5,000.00 (figures)
104	1 LS	Mobilization, per Lump Sum	1-09	LUMP SUM (figures)	$ 25,000.00 (figures)
105	1 LS	Project Temporary Traffic Control, per Lump Sum	1-10	LUMP SUM (figures)	$ 15,000.00 (figures)
106	1 LS	Removal of Structures and Obstructions, per Lump Sum	2-02	LUMP SUM (figures)	$ 2,500.00 (figures)
107	919 SY	Removing Asphalt Conc. Pavement, per Square Yard	2-02	$ 5.00 (figures)	$ 4595.00 (figures)
108	1 EA	Adjust Existing Utility to Grade, per Each	2-02	$ 500.00 (figures)	$ 500.00 (figures)
109	3 EA	Potholing, per Each	2-02	$ 250.00 (figures)	$ 750.00 (figures)
110	1 LS	Roadway Excavation Incl. Haul, per Lump Sum	2-03	LUMP SUM (figures)	$ 17,000.00 (figures)
111	40 TON	Gravel Borrow Incl. Haul, per Ton	2-03	$ 28.00 (figures)	$ 1,120.00 (figures)
112	125 CY	Unsuitable Roadway Foundation Excavation Incl. Haul, per Cubic Yard	2-03	$ 25.00 (figures)	$ 3,125.00 (figures)

FIRM NAME RS Underground Inc

SCHEDULE OF PRICES
160th Retrofit and Pervious Sidewalks
ALL ENTRIES SHALL BE WRITTEN IN INK OR TYPED TO VALIDATE BID

(Note: Unit prices for all items, all extensions, and total amount of bid must be shown.)

ITEM NO.	APPROX. QUANTITY	ITEM WITH UNIT PRICED BID		UNIT PRICE Dollars Cts.	AMOUNT Dollars Cts.
		Schedule A: 160th Ave E Retrofit Ecology Non-Eligible			
113	35 TON	Crushed Surfacing Top Course, per Ton	4-04	$ 52.00 (figures)	$ 1820.00 (figures)
114	284 TON	HMA CL. 1/2 In. PG 58H-22, per Ton	5-04	$ 170.00 (figures)	$ 48,280.00 (figures)
115	27 TON	Commercial HMA for Driveway, per Ton	5-04	$ 170.00 (figures)	$ 4590.00 (figures)
116	830 SY	Cement Treated Base, per Square Yard	5-06	$ 10.25 (figures)	$ 8,507.50 (figures)
117	39 TON	Cementitious Material, per Ton	5-06	$ 250.00 (figures)	$ ~~9,507.50~~ (figures) 9,750.00 RJ
118	1 EA	CTB Mix Design, per Each	5-06	$ 5,550.00 (figures)	$ 5,550.00 (figures)
119	1 EA	New Ergo Access Assembly, Adjust to Grade, per Each	7-05	$ 1,500.00 (figures)	$ 1,500.00 (figures)
120	4 EA	New Meter Box, Adjust to Grade, per Each	7-15	$ 500.00 (figures)	$ 2,000.00 (figures)
121	3 EA	New Cleanout Ring and Cover, Adjust to Grade, per Each	7-19	$ 150.00 (figures)	$ 450.00 (figures)
122	129 CY	Topsoil Type A, per Cubic Yard	8-02	$ 48.00 (figures)	$ 6192.00 (figures)
123	2 CY	Bark or Wood Chip Mulch, per Cubic Yard	8-02	$ 150.00 (figures)	$ 300.00 (figures)
124	199 SY	Sod Installation, per Square Yard	8-02	$ 6.50 (figures)	$ 1293.50 (figures)
125	14 EA	PS Parrotia persica 'Vanessa'/ Vanessa Persian Parrotia; 2.5" Cal., 12'-14' Ht., per Each	8-02	$ 750.00 (figures)	$ 10,500.00 (figures)
126	4 EA	PS Cornus stolonifera 'Kelseyii'/ Kelseyii Red-Twig Dogwood; 1 Gal. Cont. , per Each	8-02	$ 25.00 (figures)	$ 100.00 (figures)

FIRM NAME RS Underground Inc

SCHEDULE OF PRICES
160th Retrofit and Pervious Sidewalks
ALL ENTRIES SHALL BE WRITTEN IN INK OR TYPED TO VALIDATE BID
(Note: Unit prices for all items, all extensions, and total amount of bid must be shown.)

ITEM NO.	APPROX. QUANTITY	ITEM WITH UNIT PRICED BID		UNIT PRICE Dollars Cts.	AMOUNT Dollars Cts.
		Schedule A: 160th Ave E Retrofit Ecology Non-Eligible			
127	1 LS	Plant Establishment - 1 Year (Minimum Bid $5,000), per Lump Sum	8-02	LUMP SUM (figures)	$ 5,000.00 (figures)
128	1 FA	Resolution of Utility Conflicts, per Force Account	8-05	$ 5,000.00 (figures)	$ 5,000.00 (figures)
129	100 SY	Commercial Conc. Driveway Approach, 3-Day Mix, per Square Yard	8-06	$ 135.00 (figures)	$ 13,500.00 (figures)
130	90 LF	Temporary Fence, per Linear Foot	8-12	$ 17.00 (figures)	$ 1,530.00 (figures)
131	1 EA	Mailbox Support Type 1, per Each	8-18	$ 500.00 (figures)	$ 500.00 (figures)
132	1150 LF	PVC Conduit, 2 In. Diam Schedule 80, per Linear Foot	8-20	$ 12.00 (figures)	$ 13,800.00 (figures)
133	3 EA	Junction Box Type 2, per Each	8-20	$ 1,500.00 (figures)	$ 4,500.00 (figures)
134	1 LS	Permanent Signing, per Lump Sum	8-21	LUMP SUM (figures)	$ 1,500.00 (figures)
135	1215 LF	Paint Line, per Linear Foot	8-22	$ 4.00 (figures)	$ 4,860.00 (figures)
136A1	135 SY	Seeded Lawn Installation, per Square Yard	8-02	$ 4.50 (figures)	$ 607.50 (figures)

TOTAL SCHEDULE A = $ 239,220.50

FIRM NAME RS Underground Inc

SCHEDULE OF PRICES
160th Retrofit and Pervious Sidewalks
ALL ENTRIES SHALL BE WRITTEN IN INK OR TYPED TO VALIDATE BID
(Note: Unit prices for all items, all extensions, and total amount of bid must be shown.)

ITEM NO.	APPROX. QUANTITY	ITEM WITH UNIT PRICED BID		UNIT PRICE Dollars Cts.	AMOUNT Dollars Cts.
		Schedule B: 160th Ave E Retrofit Ecology Eligible			
200	1 LS	SPCC Plan, per Lump Sum	1-07	LUMP SUM (figures)	$ 750.00 (figures)
201	1 LS	Mobilization, per Lump Sum	1-09	LUMP SUM (figures)	$ 20,000.00 (figures)
202	1 LS	Roadway Excavation Incl. Haul, per Lump Sum	2-03	LUMP SUM (figures)	$ 8,000.00 (figures)
203	1 LS	Shoring or Extra Excavation Class B, per Lump Sum	2-09	LUMP SUM (figures)	$ 1,500.00 (figures)
204	550 SY	Construction Geotextile for Soil Separation, per Square Yard	2-12	$ 4.50 (figures)	$ 2,475.00 (figures)
205	19 SY	Geomembrane Liner, per Square Yard	2-12	$ 25.00 (figures)	$ 475.00 (figures)
206	127 TON	Permeable Ballast, per Ton	4-04	$ 44.00 (figures)	$ 5,588.00 (figures)
207	205 SY	Cement Treated Base, per Square Yard	5-06	$ 10.25 (figures)	$ 2,101.25 (figures)
208	10 TON	Cementitious Material , per Ton	5-06	$ 250.00 (figures)	$ 2,500.00 (figures)
209	233 LF	Solid Wall PVC Storm Sewer Pipe 12 In. Diam., per Linear Foot	7-04	$ 95.00 (figures)	$ 22,135.00 (figures)
210	1 EA	Catch Basin Type 1, per Each	7-05	$ 2,500.00 (figures)	$ 2,500.00 (figures)
211	1 EA	Biopod Unit, per Each	7-06	$ 32,000.00 (figures)	$ 32,000.00 (figures)
212	5 CY	Unsuitable Pipe Foundation Excavation Incl. Haul, per Cubic Yard	7-08	$ 45.00 (figures)	$ 225.00 (figures)

FIRM NAME RS Underground Inc

SCHEDULE OF PRICES
160th Retrofit and Pervious Sidewalks
ALL ENTRIES SHALL BE WRITTEN IN INK OR TYPED TO VALIDATE BID

(Note: Unit prices for all items, all extensions, and total amount of bid must be shown.)

ITEM NO.	APPROX. QUANTITY	ITEM WITH UNIT PRICED BID		UNIT PRICE Dollars Cts.	AMOUNT Dollars Cts.
		Schedule B: 160th Ave E Retrofit Ecology Eligible			
213	1 LS	Erosion Control and Water Pollution Prevention, per Lump Sum	7-08	LUMP SUM (figures)	$ 2,500.00 (figures)
214	3 EA	Inlet Protection, per Each	8-01	$ 150.00 (figures)	$ 450.00 (figures)
215	525 LF	Silt Fence, per Linear Foot	8-01	$ 10.00 (figures)	$ 5,250.00 (figures)
216	610 LF	Cement Conc. Traffic Curb and Gutter, per Linear Foot	8-01	$ 37.75 (figures)	$ 23,027.50 (figures)
217	351 SY	Pervious Cement Conc. Sidewalk, per Square Yard	8-04	$ 92.00 (figures)	$ 32,292.00 (figures)

TOTAL SCHEDULE B = $ 163,768.75

FIRM NAME RS Underground Inc.

SCHEDULE OF PRICES
160th Retrofit and Pervious Sidewalks
ALL ENTRIES SHALL BE WRITTEN IN INK OR TYPED TO VALIDATE BID
(Note: Unit prices for all items, all extensions, and total amount of bid must be shown.)

ITEM NO.	APPROX. QUANTITY	ITEM WITH UNIT PRICED BID		UNIT PRICE Dollars Cts.	AMOUNT Dollars Cts.
		Schedule C: (Additive A1) - 2" Grind and Inlay			
300	1 LS	Mobilization, per Lump Sum	1-09	LUMP SUM (figures)	$ 1000.00 (figures)
301	1 LS	Project Temporary Traffic Control, per Lump Sum	1-10	LUMP SUM (figures)	$ 1,500.00 (figures)
302	352 SY	Planing Bituminous Pavement, per Square Yard	5-04	$ 35.00 (figures)	$ 12,320.00 (figures)
303	44 TN	HMA CL. 1/2 In. PG 58H-22, per Ton	5-04	$ 170.00 (figures)	$ 7,480.00 (figures)

TOTAL SCHEDULE C = $ 22,300.00

TOTAL BASE BID (SCHEDULE A + SCHEDULE B) = $ 402,989.25

TOTAL BASE BID + ADDITIVE A1 (SCHEDULE A + SCHEDULE B + SCHEDULE C) = $ 425,289.25

EXHIBIT B

CITY OF SUMNER

CERTIFICATION OF COMPLIANCE WITH SUMNER MUNICIPAL CODE CHAPTER 3.30
"E-VERIFY"

As the person duly authorized to enter into such commitment for

_____,
RS Underground, Inc.

I hereby certify that the Company or Organization named herein will

(check one box below)

☐ Be in compliance with all of the requirements of City of Sumner Municipal Code Chapter 3.30 for the duration of the contract entered into between the City of Sumner and the Company or Organization.

OR

☐ Hire no employees for the term of the contract between the City and the Company or Organization.

_____
NAME

_____
TITLE

_____
DATE

EXHIBIT C

APPENDIX II TO PART 200---CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS

In addition to other provisions required by the Federal agency or non-Federal entity, all contracts made by the City of Sumner under federal award(s) are subject to the following provisions, as applicable.

(A) Contracts for more than the simplified acquisition threshold currently set at $150,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

(B) All contracts in excess of $10,000 must address termination for cause and for convenience by the non-Federal entity including the manner by which it will be effected and the basis for settlement.

(C) Equal Employment Opportunity. Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of " federally assisted construction con tract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-l.4(b), in accordance with Executive Order 11246, " Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964- 1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

(D) Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of $2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S .C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, the following language is hereby incorporated into the contract as if fully set forth therein:

Application of Uniform Guidance. If this contract involves the use, in whole or in part, of federal award(s), the following provisions (29 CFR, Subtitle A Part 5, Subpart A, § 5.5, subsections (a)(1) – (a)(10)) shall apply:

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

(ii)

(A) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii) (B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

(2) Withholding. The City of Sumner shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii) (A) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the City if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant, sponsor, or owner, as the case may be, for transmission to the City. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying

number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the City if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit them to the applicant, sponsor, or owner, as the case may be, for transmission to the City, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the sponsoring government agency (or the applicant, sponsor, or owner).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the City or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees.

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

(6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the City may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

(7) Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7.. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

(E) Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of $100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

(F) Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or sub recipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of par ties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or sub recipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

(G) Clean Air Act (42 U.S .C. 7401-767lq.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended-Contracts and sub grants of amounts in excess of $150,000 must contain a provision that requires the non-Federal award to agree to

comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-767lq) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

(H) Mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 U.S .C. 6201).

(I) Debarment and Suspension (Executive Orders 12549 and 12689)-A contract award (see 2 CFR 180.220) must not be made to par ties listed on the government wide Excluded Parties List System in the System for Award Management (SAM), in accordance with the 0MB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR Part 1986 Comp., p. 189) and 12689 (3 CFR Part 1989 Comp., p. 235), " Debarment and Suspension." The Excluded Parties List System in SAM contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

(J) Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)-Contractors that apply or bid for an award of $100,000 or more must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or at tempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C . 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

CITY COUNCIL MEETING
DATE: April 18, 2022
AGENDA BILL: 22-2189

SUBJECT: Resolution No.1625 - Approval of Heritage Capital Projects Application Submittal

CATEGORY: Resolution

BUDGET IMPACT:
Expenditure Required: None

Within Budget Allocation: N/A

ATTACHMENTS:
1. Resolution No. 1625 - Heritage Capital Project Resolution - Ryan House

STAFF CONTACT: Carmen Palmer, Communications Director

SUMMARY BACKGROUND:
At the January 31, 2022, Special Study Session, staff reviewed the progress of the Ryan House project including the conclusions of past studies and future plans for renovation and rehabilitation of this city-owned facility. One of the options listed for requesting construction funds was Heritage grants, referring to the State's Heritage Capital Project (HCP) process that opens every two years. At that time, we also noted the option to seek funding through direct Legislative Capital requests. Since that time, when discussing our potential Capital requests with our Legislators, they redirected us to the Heritage Capital Project process for Ryan House.

This process requires a resolution by the governing body, in our case the City Council, to request for Stage 1 eligibility. The director of Heritage Capital Projects gave Sumner permission to submit our application with the draft resolution/meeting agenda and follow up with the meeting minutes after the deadline.

Although this grant is for the 2023-2025 biennium, applying now also helps strengthen our application this summer to Pierce County Lodging Tax for further funding. As with most projects, funders like to see a diverse mix of funding sources. Since the January 31 meeting, we have already submitted an application to the Port of Tacoma. Staff also pursued Federal funding for the Ryan House project through the National Park Service (NPS). We found it was not eligible because Ryan House's listing on the National Register of Historic Places is for local significance while the NPS funding requires a listing for national significance. In the process of reviewing that application with the Department of Archaeology and Historic Preservation, they also highly recommended applying to this State Heritage Capital Project application for this project.

COUNCIL COMMITTEE/STUDY SESSION: Special Study Session
MEETING/STUDY SESSION DATE: 1/31/2022
COMMITTEE RECOMMENDATION:

STAFF RECOMMENDATIONS/MOTION:
Approve Resolution No. 1625 - submittal of a grant request application to Heritage Capital Projects for funding the Ryan House rehabilitation project.

RESOLUTION NO. 1625
CITY OF SUMNER, WASHINGTON

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SUMNER, WASHINGTON, APPROVING APPLICATION TO HERITAGE CAPITAL PROJECTS FOR RYAN HOUSE REHABILITATION.

WHEREAS, the City of Sumner planned a rehabilitation of its historic Ryan House to repair damage and increase access with the addition of life-safety and accessible accommodations; and

WHEREAS, the City's plans to fund the recommendations in the Design & Feasibility Studies included seeking State funding through Heritage Capital Projects (HCP); and

WHEREAS, this request must be 33% or less of the total project cost and HCP requires a 2-1 match of all funding requested. Sumner has already secured $250,000 in funding since July 1, 2017, with $125,000 from Pierce County Lodging Tax and $125,000 from Sumner Lodging Tax. Further matching funds will come from an application submitted with the Port of Tacoma, with a 2023 Pierce County Lodging Tax grant that we will submit this summer, staff time and/or potential private donors; and

WHEREAS, if awarded, these funds will be available for use with contracting beginning July 1, 2023 and funds required to be spent by June 30, 2025; and

WHEREAS, the HCP grant requests a resolution by the governing body as part of the application,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SUMNER, WASHINGTON

Section 1. That the Council approves the Ryan House Rehabilitation project and submittal of an application to Heritage Capital Projects to be used by June 30, 2025, for house renovation/access projects including but not limited to kitchen/bath addition, floors, windows & doors repair/refurbishment, interior repairs and cleaning, etc.

Section 2. **Corrections by City Clerk or Code Reviser.** Upon approval of the city attorney, the city clerk and the code reviser are authorized to make necessary corrections to this resolution, including but not limited to the correction of clerical errors; or references to other local, state, or federal laws, codes, rules, or regulations.

Section 3. **Effective Date.** This Resolution shall take effect and be in force immediately upon its passage.

APPROVED AND ADOPTED this 18th day of April 2022.

_____
Mayor Kathy Hayden

ATTEST:

_____
City Clerk Michelle Converse

APPROVED AS TO FORM:

_____
City Attorney Andrea Marquez

CITY COUNCIL MEETING
DATE: April 18, 2022
AGENDA BILL: 22-2199

SUBJECT: Approval of the minutes from the April 4, 2022 regular meeting and the April 11, 2022 study session.

CATEGORY: Consent

BUDGET IMPACT:
Expenditure Required: None

Within Budget Allocation: N/A

ATTACHMENTS:
1. Minutes - April 4, 2022 regular meeting
2. Minutes - April 11, 2022 study session

STAFF CONTACT: Michelle Converse, City Clerk

SUMMARY BACKGROUND:
Minutes from the previous two meetings.

COUNCIL COMMITTEE/STUDY SESSION:
MEETING/STUDY SESSION DATE:
COMMITTEE RECOMMENDATION:

STAFF RECOMMENDATIONS/MOTION:
Approve as written.

CITY OF SUMNER
Council Meeting
Minutes – April 4, 2022

The Covid-19 pandemic continues to impact the health and safety of our community and in an effort to be diligent, the city is continuing to conduct all public meetings using a hybrid model of in-person and the ZOOM computer application.

CALL TO ORDER

The Sumner City Council met in regular session at 6:00pm, with Mayor Kathy Hayden presiding.

Staff present: City Administrator Jason Wilson, Community Development Director Ryan Windish, Police Chief Brad Moericke, Public Works Director Mike Dahlem, Public Works Manager Andrew Leach, Development Services Director Doug Beagle, Associate Planner Scott Waller, City Attorney Andrea Marquez, Administrative Services Director Jeff Steffens, Deputy City Attorney Maili Barber, Communications Director Carmen Palmer, Deputy Chief Andy McCurdy, Sgt Loren Houselog and City Clerk Michelle Converse.

Council present: Bitetto, Brown, Cole, Hochstatter, Neuman, Reed and Stuard

PROCLAMATION

Mayor Hayden read the **Arbor Day** Proclamation into the record.

Police Chief Brad Moericke read the **Animal Care and Control Officers' Appreciation Week** Proclamation into the record.

CONSENT AGENDA

MOVED BY HOCHSTATTER, SECONDED BY BITETTO TO APPROVE THE CONSENT AGENDA containing:

1. Approval of checks and electronic payments in the amount of $1,594,580.76
2. Approval of the minutes from the regular council meeting of March 21, 2022, special study session of March 21, 2022, and March 28, 2022 study session.
3. Resolution No. 1604 - Rejection of Bids - Bill Heath Sports Complex Access Doors
4. Resolution No. 1620 - Recreation & Conservation Office - Grant Authorization - Bennett Property with Acquisition and Phase 1 Development
5. Resolution No. 1621 - Recreation & Conservation Office - Grant Authorization - Seibenthaler Park Phase 1 Spray Park

PASSED BY VOICE VOTE.

PUBLIC HEARING

There was no Public Hearing.

UNFINISHED BUSINESS

There was none tonight.

DRAFT

PUBLIC COMMENT

There was no Public Comment.

NEW BUSINESS

UNFINISHED BUSINESS

Resolution No. 1618 - 2023/2028 Six-Year Transportation Improvement Program Annual Update
MOVED BY REED, SECONDED BY STUARD TO ADOPT RESOLUTION NO. 1618 - 2023/2028 SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM ANNUAL UPDATE.

Public Works Manager Andrew Leach addressed the Council.

RCW 35.77.010 and RCW 36.81.121 require that each city and county update its Transportation Improvement Plan (TIP) annually and file a copy of the adopted program with the State Department of Transportation. The Six-Year TIP establishes and prioritizes the city's streets, sidewalk and trail projects for the next six years. Below are some proposed TIP projects of interest:

The Alder & Kincaid Utility Improvements Phase 1 & Phase 2 were added to the TIP. Construction for Phase 1 is set to begin in the summer of 2022 and includes the Heritage Park Woonerf improvements.

The 160th Avenue East and Parker Road East projects were updated to account for the private development improvements.

The Main Street and Wood Avenue Intersection Improvements project is wrapping up design and right-of-way acquisition phases. The project will begin construction this summer.

A study session to discuss the TIP was held on March 14, 2022, and a public hearing was held on March 21, 2022.

PASSED BY ROLL CALL VOTE.

Reappointment to the Sumner Lodging Tax Advisory Commission (Straight)
MOVED BY BITETTO SECONDED BY NEUMAN TO APPROVE MAYOR HAYDEN'S REAPPOINTMENT OF KIM STRAIGHT TO THE SUMNER LODGING TAX ADVISORY COMMITTEE FOR A TERM OF ONE-YEAR.

Communications Director Carmen Palmer addressed the council regarding the appointment.

Most of Sumner's lodging tax funding (5% tax) continues to go to Pierce County for allocation. Sumner still receives a smaller 2% shared sales tax that is the State Transient Rental tax. In order to use this funding, Sumner must still follow State rules to form a Lodging Tax Advisory Committee (LTAC) to provide feedback to the Council. Per RCW 67.28,

1.One member shall be an elected official of the city of Sumner, who shall serve as chair; (Councilmember Hochstatter-selected by Council with the committee selection process)
2.Two members shall be representatives of businesses required to collect tax under this chapter;
3.Two members shall be persons involved in activities authorized to be funded by revenue received under this chapter.

The members must be confirmed annually.

PASSED BY ROLL CALL VOTE.

Reappointment to the Sumner Lodging Tax Advisory Committee (Sutton)
MOVED BY COLE SECONDED BY HOCHSTATTER TO APPROVE MAYOR HAYDEN'S RECOMMENDATION OF REAPPOINTING TREVOR SUTTON TO THE SUMNER LODGING TAX ADVISORY COMMITTEE FOR A TERM OF ONE-YEAR.

Communications Director Carmen Palmer addressed the council regarding the appointment of Trevor Scott.

PASSED BY ROLL CALL VOTE.

Reappointment to the Sumner Lodging Tax Advisory Committee (Burke)
MOVED BY REED SECONDED BY HOCHSTATTER TO APPROVE MAYOR HAYDEN'S RECOMMENDATION OR REAPPOINTING DEAN BURKE TO THE SUMNER LODGING TAX ADVISORY COMMITTEE FOR A TERM OF ONE-YEAR.

Communications Director Carmen Palmer addressed the council regarding the appointment of Dean Burke.

PASSED BY ROLL CALL VOTE.

Reappointment to the Cultural Arts Commission (Larson)
MOVED BY NEUMAN, SECONDED BY HOCHSTATTER TO APPROVE THE MAYORAL REAPPOINTMENT OF SUE LARSON TO SERVE ON THE CULTURAL ARTS COMMISSION FOR A TERM OF FOUR-YEARS, ENDING IN APRIL 2026.

Community Development Director Ryan Windish addressed the Council.

Sue Larson is a long time Sumner resident. She is a retired 1st grade teacher at Maple Lawn Elementary. Sue volunteers at Step by Step, a non-profit helping disadvantaged first time moms. Sue believes that art plays an important role in people's lives as well as the life of the community.

Sue is currently in her second year as the Chairperson for the Commission.

The Sumner Cultural Arts Commission consists of fifteen members who are appointed by the Mayor and confirmed by the City Council. The members are to be selected without respect to political affiliations and shall serve a four-year (4) term without compensation.

PASSED BY ROLL CALL VOTE.

Reappointment to the Cultural Arts Commission (Hochstatter)
MOVED BY BROWN SECONDED BY NEUMAN TO APPROVE THE MAYORAL REAPPOINTMENT OF MICHAEL HOCHSTATTER TO THE SUMNER CULTURAL ARTS COMMISSION WITH A TERM ENDING APRIL 2026.

DRAFT

Community Development Director Ryan Windish addressed the Council.

Michael resides in Sumner. He is self-employed, a tennis coach at Sumner High School, a musician and a community organizer. Michael has a passion for creativity, the community and Sumner!

PASSED BY ROLL CALL VOTE.

Reappointment of Cultural Arts Commissioner (Browning-Cray)
MOVED BY STUARD, SECONDED BY HOCHSTATTER TO APPROVE THE REAPPOINTMENT OF EMILY BROWNING-CRAY TO A FOUR-YEAR APPOINTMENT ON THE CULTURAL ARTS COMMISSION WITH A TERM ENDING IN 2026.

Community Development Director Ryan Windish addressed the Council.

Emily has been teaching art in the community for the past 17 years and is currently an art teacher at Sumner High School. Emily is also co-owner of Top Down Brewing in Sumner. Emily is excited about creating connections to our youth through the arts.

PASSED BY ROLL CALL VOTE.

Reappointment to the Sumner Design Commission (Peterson)
MOVED BY COLE, SECONDED BY NEUMAN TO APPROVE THE MAYORAL REAPPOINTMENT OF JOLENE PETERSON TO SERVE ON THE DESIGN COMMISSION FOR A TERM OF FOUR-YEARS, ENDING IN APRIL 2026

Associate Planner Scott Waller introduced Ms. Peterson to the Council.

The Mayor would like to re-appoint Jolene Peterson to the Design Commission. Jolene continues to be an integral part of the commission as well as the community.

The Design Commission consists of seven voting members who are appointed by the Mayor and confirmed by the City Council. Five of the members shall be practicing professionals within the fields of architecture, planning, civil engineering, landscape architecture, and development. The members are to be selected without respect to political affiliation and serve a four-year (4) term without compensation.

Ms. Peterson thanked Council for the opportunity.

PASSED BY ROLL CALL VOTE.

Ordinance No. 2818 – American Rescue Plan Budget Amendment
MOVED BY REED, SECONDED BY HOCHSTATTER TO APPROVE ORDINANCE NO. 2818 - AMERICAN RESCUE PLAN ACT BUDGET AMENDMENT.

City Administrator Jason Wilson addressed the Council.

The American Rescue Plan Act (ARPA) committee reviewed several possible uses of ARPA funds and has recommended allocations that address long term business sustainability and infrastructure needs. The proposed ordinance would allocate $1,520,000 under the following ARPA categories:

DRAFT

Direct Response:	$-300,000
Economic Impact:	$320,000
Infrastructure	$1,500,000

The negative $300,000 under direct response is the de-funding of the HR Generalist that was approved in August of 2021 under Ordinance No. 2790.

If approved, the remaining ARPA balance is $223,676 for future use. The ARPA committee continues to meet and discuss future allocation recommendations.

Discussion ensued.

PASSED BY ROLL CALL VOTE.

Resolution No. 1622 - Multifamily Tax Exemption Residential Target Area-Hearing Date
MOVED BY NEUMAN, SECONDED BY BITETTO TO APPROVE RESOLUTION NO. 1622 SETTING A PUBLIC HEARING DATE OF MAY 16, 2022, FOR CONSIDERING A NEW RESIDENTIAL TARGET AREA FOR THE MULTIFAMILY TAX EXEMPTION PROGRAM.

Community Development Director Ryan Windish addressed the Council.

In 2021, the City Council adopted the Housing Action Plan (HAP) and prioritized 14 future actions to be implemented over a number of years. One of the priorities is to expand the use of the Multifamily Tax Exemption (MFTE) program to more areas of the city as an incentive for construction of affordable housing. The MFTE is a tax incentive for multifamily development and was first adopted in the Town Center in 2019 and applies to both market rate and affordable housing. The Council desires to expand the MFTE "residential target area" to include areas in the East Sumner Neighborhood for the purpose of expanding affordable housing options.

Properties qualifying for the tax exemption would not pay property taxes on the value of new housing construction, conversion or rehabilitation. However, the exemption does not apply to the value of the property itself or non-residential improvements to the property. The new residential target area would allow for a 12-year and 20-year tax exemption meeting the requirements of state law RCW 84.14.

Per RCW 84.14.040 the City must adopt a resolution of intention to designate a residential target area and set a public hearing date. Resolution No. 1622 sets the public hearing date for May 16, 2022.

PASSED BY ROLL CALL VOTE.

COUNCIL REPORTS

Councilmember Bitetto gave a report from the Public Safety Committee meeting held on March 16, 2022. She hopes that everyone enjoys the Daffodil Parade on April 9, 2022.

Councilmember Brown thanked all of the volunteers who make up the commissions.

Councilmember Neuman shared that South Sound Housing Affordability Partners has hired an Executive Director whose background includes lobbying for Habitat for Humanity. The next task will be to recruit other cities to join so that the affordable housing issues can be addressed county wide. She is looking forward to the return of the Daffodil Parade.

Councilmember Cole had no reports tonight.

Councilmember Hochstatter reviewed the items from the Community Development Committee, which were on tonight's Consent Agenda.

Councilmember Stuard is proud to be living in a City that had been designated as a Tree City for the past 28 years. He then challenged all councilmembers to plant a tree and share a picture at the next Council meeting.

Councilmember Reed gave an overview from the Pierce County Regional Committee (PCRC) meeting of March 17, 2022. PCRC awarded funding to six projects. He thanked the Commissioners and volunteers. Mr. Reed ended his remarks by sharing he is looking forward to the Daffodil Parade, and his daughter will be playing the in the middle school marching band.

CITY ADMINISTRATOR

City Administrator Jason Wilson updated council with the following:

Upcoming Policy Issues:

- Next Week's Study Session:
  - Development Services Update
  - Council Rules
  - Parks Facility Update
  - Council Strategic Priorities

- Next Regular Council Meeting on April 18th:
  - New Officer Swearing-In
  - Presentation from the Senior Center
  - Several Commission appointments and reappointments
  - An Ordinance amending the Animal Code regarding kennel licenses
  - An Ordinance amending the Electronic Signatures Code
  - A resolution adopting the Siebenthaler and Bennet Property Parks Master Plans

Commission Updates:

- Planning Commission: The Commission is meeting this Thursday to confirm the 2022 Comprehensive Plan Amendment Docket. There are three proposed amendments: 1) Limit gas stations to the Interchange Commercial (IC) and Industrial Zones (M1/M2/MICO); 2) Sign code update to allow Electronic Reader Board Signs (ERBS) on City or Library facilities on East Main Street; 3) Language clarification related to densities to align with existing code related to Planned Residential Developments. The Commission is being asked to accept the docket and approve the public participation plan (notices, public hearings etc).

Personnel Issues:

- Human Resources continues to work tirelessly on recruitments. In the last few weeks we have hired an Industrial Electrician, WWTF Operator, Two Police Officers (1 lateral from Black Diamond

DRAFT

and 1 entry level from King County Adult Detention and One Animal Shelter Assistant. We are also currently interviewing to fill the positions of Associate Engineer, Animal Control Officer, two Public Works Operators, multiple seasonal laborers for Shops and Parks, and two Public Works Interns.

Miscellaneous:

- The Daffodil Parade returns to Sumner this Saturday. Those of you who are participating in the parade need to meet the Kenworth near Heritage Park—Look for an e-mail from Lana with further details.

MAYOR REPORT

Mayor Hayden shared another event happening at the Daffodil Parade, a Street of Eats from 12-5pm and a beer garden. She thanked Council and the viewing audience for bearing with us as we are learning this new technology.

EXECUTIVE SESSION

There was no Executive Session tonight.

ADJOURNMENT

With no further business before the Council, the Mayor adjourned the meeting at 7:10pm. Councilmembers concurred.

ATTEST:

_____
Kathy Hayden, Mayor

_____
Michelle Converse, CMC City Clerk

DRAFT

SUMNER CITY COUNCIL
Minutes – Study Session
April 11, 2022

In an effort to be diligent, the City is continuing to conduct all public meetings using a hybrid model via the ZOOM platform and in-person. Access information can be located on the City's website, and on each meeting agenda.

The Sumner City Council met in study session at 6:00pm, with Mayor Kathy Hayden presiding.

Councilmembers present: Bitetto, Brown, Cole, Hochstatter, Neuman, Reed and Stuard

Staff present: City Administrator Jason Wilson, City Attorney Andrea Marquez, Public Works Director Mike Dahlem, Development Services Director Doug Beagle, Chief Financial Officer Kassandra Raymond, Deputy City Attorney Maili Barber, Assistant Planner Scott Waller, Assistant Planner Chrissanda Walker and Joe Fessler, Associate City Engineer

REGULAR BUSINESS

1. Development Services Update
2. Parks Facility Update
3. Resolution No. 1624 – Council Code of Conduct
4. Council Strategic Priorities

ADJOURNMENT
When there was no further business before the Council, the meeting adjourned at 7:58pm.

ATTEST:

_____ _____
City Clerk Michelle Converse, CMC Mayor Kathy Hayden

DRAFT

CITY COUNCIL MEETING
DATE: April 18, 2022
AGENDA BILL: 22-2159

SUBJECT: Appointment to the Sumner Lodging Tax Advisory Committee (Anderson) **CATEGORY:** Motion

BUDGET IMPACT:
Expenditure Required: None Within Budget Allocation: N/A

ATTACHMENTS:
1. Anderson Application

STAFF CONTACT: Carmen Palmer, Communications Director

SUMMARY BACKGROUND:
Most of Sumner's lodging tax funding (5% tax) continues to go to Pierce County for allocation. Sumner still receives a smaller 2% shared sales tax that is the State Transient Rental tax. In order to use this funding, Sumner must still follow State rules to form a Lodging Tax Advisory Committee (LTAC) to provide feedback to the Council. Per RCW 67.28,

1. One member shall be an elected official of the city of Sumner, who shall serve as chair; (Councilmember Hochstatter-selected by Council with the committee selection process)
2. Two members shall be representatives of businesses required to collect tax under this chapter;
3. Two members shall be persons involved in activities authorized to be funded by revenue received under this chapter.

The members must be confirmed annually.

Mayor Hayden recommends appointing Meilee Anderson of Visit Rainier to fill one of the representatives of persons involved in activities authorized to be funded by revenue received. As a marketing consultant, Meilee represents and promotes Visit Rainier, one of two destination marketing organizations serving the Pierce County region and Sumner. Meilee has already been instrumental in guiding Sumner with suggestions and partnerships to help us succeed in driving tourism.

COUNCIL COMMITTEE/STUDY SESSION:
MEETING/STUDY SESSION DATE:
COMMITTEE RECOMMENDATION:

STAFF RECOMMENDATIONS/MOTION:
Approve Mayor Hayden's recommendation to appoint Meilee Anderson to the Sumner Lodging Tax Advisory Committee for a term of one-year.

Carmen Palmer

Subject: FW: LTAC Commissioner

From: Sumner Connects <notifications@engagementhq.com>
Sent: Wednesday, March 30, 2022 4:29 PM
To: Michelle Converse <MichelleC@sumnerwa.gov>
Subject: Anonymous User completed Commission Application

*****EXTERNAL EMAIL*****
Anonymous User just submitted the survey Commission Application with the responses below.

I am interested in serving on the following:

Lodging Tax Advisory Committee

Name:

Meilee Anderson

Phone Number:

[redacted]

Email Address

Address:

[redacted], Tacoma, WA 98422

Occupation (if retired, please indicate former occupation or profession):

Marketing Consultant

Education:

North Idaho Community College

Professional or community involvement:

I currently serve on the Pierce County LTAC, and City of Enumclaw LTAC.

Why are you interested in serving on this commission?

I have 5 years of experience with Tukwila, Kent and SeaTac LTAC. I have 10 years of experience working with Pierce County based tourism entities such as Visit Rainier, the Mt. Rainier Railroad, and Mount Rainier National Park. As the marketing consultant for Visit Rainier and a current voting member of two lodging tax advisory committees I have a passion for tourism.

Have you previously served on a City of Sumner commission?

No

CITY COUNCIL MEETING
DATE: April 18, 2022
AGENDA BILL: 22-2198

SUBJECT: Reappointment to the Cultural Arts Commission (Shore) **CATEGORY:** Motion

BUDGET IMPACT:
Expenditure Required: None Within Budget Allocation: N/A

ATTACHMENTS:
STAFF CONTACT: Ryan Windish, Community Development Director

SUMMARY BACKGROUND:
The Mayor is seeking the reappointment of Courtney Shore to the Cultural Arts Commission for a four-year term. Ms. Shore has served on the commission since 2018. She continues to help enrich the community through art and environmental improvements.

The Sumner Cultural Arts Commission consists of fifteen members who are appointed by the Mayor and confirmed by the City Council. The members are to be selected without respect to political affiliations and shall serve a four-year (4) term without compensation.

COUNCIL COMMITTEE/STUDY SESSION:
MEETING/STUDY SESSION DATE:
COMMITTEE RECOMMENDATION:

STAFF RECOMMENDATIONS/MOTION:
Approve the Mayor's reappointment of Courtney Shore to the Cultural Arts Commission for a term of 4-years.

CITY COUNCIL MEETING
DATE: April 18, 2022
AGENDA BILL: 22-2188

SUBJECT: Appointment to the Design Commission (Madden) **CATEGORY:** Motion

BUDGET IMPACT:
Expenditure Required: None Within Budget Allocation: N/A

ATTACHMENTS:
1. Madden Application

STAFF CONTACT: Scott Waller, Assistant Planner

SUMMARY BACKGROUND:
The Mayor is seeking the appointment of Dustin Madden to the Design Commission for a term of four-years. The Design Commission consists of seven voting members who are appointed by the Mayor and confirmed by the City Council. Five of the members shall be practicing professionals within the fields of architecture, planning, civil engineering, landscape architecture, and development. The members are to be selected without respect to political affiliation and serve a four-year (4) term without compensation.

Mr. Madden was formerly part of the Arts Commission where he served for the last four-years. He is passionate about design and his personal and professional interests align with the mission of the Commission.

COUNCIL COMMITTEE/STUDY SESSION:
MEETING/STUDY SESSION DATE:
COMMITTEE RECOMMENDATION: Committee Do-Pass

STAFF RECOMMENDATIONS/MOTION:
Approve the appointment of Dustin Madden to the Design Commission for a term ending in April 2026.

CITY OF SUMNER WASHINGTON

COMMISSION APPLICATION

Thank you for your interest in serving on a City of Sumner commission. We value the contributions that volunteers make in keeping Sumner a great place. This application will help us better understand your background. ***Please fill out electronically or print clearly.***

I am interested in serving on the following:

☐ **ARTS** ☐ **CIVIL SERVICE** ☒ **DESIGN** ☐ **PARKS/FORESTRY** ☐ **PLANNING** ☐ **PUBLIC SAFETY**

Name: Dustin W. Madden **Contact Phone:** [redacted]

Address: [redacted] Sumner Wa 98390

Email: [redacted]

Occupation (*if retired, please indicate former occupation or profession*):

Public Works Director, Milton

Education: BA focused in Landscape Architecture - WSU 2005

Professional and / or Community Involvement:
17yr professional / former WALP chapter president, current Sumner Cultural Arts Commissioner (term expires 4/22)

Why are you interested in serving on this commission?
I'm passionate about design, and feel professional standards are foundational to a healthy and thriving community. My personal and professional interest are also well aligned with the mission of the Design Commission

Have you previously served on a City commission? ■ **Yes** ☐ **No**

If yes, which one(s): Cultural Arts Commission 2018-2022

Please note that all information on this form becomes public information when submitted.

Return completed form to City of Sumner, 1104 Maple Street, Sumner, WA 98390
OR email: michellec@sumnerwa.gov

Applicant' Signature
(if submitted electronically, we will obtain your signature later in the process)

CITY COUNCIL MEETING
DATE: April 18, 2022
AGENDA BILL: 22-2117

SUBJECT: Ordinance No. 2816 - Amending Sumner Municipal Code 6.04 - Kennel License Definitions and Requirements

CATEGORY: Ordinance

BUDGET IMPACT:
Expenditure Required: None

Within Budget Allocation: N/A

ATTACHMENTS:
1. Ordinance No. 2816 - Amending SMC 6.04, Dog License Definitions and Requirements

STAFF CONTACT: Brad Moericke, Police Chief

SUMMARY BACKGROUND:
The City wishes to clarify the definition section of our existing animal code to accommodate our Kennel Licensing process. This ordinance would amend certain sections of SMC 6.04.

COUNCIL COMMITTEE/STUDY SESSION: **Public Safety**
MEETING/STUDY SESSION DATE: 3/16/2022
COMMITTEE RECOMMENDATION: Do pass

STAFF RECOMMENDATIONS/MOTION:
Adopt Ordinance 2816 as presented.

ORDINANCE NO. 2816
CITY OF SUMNER, WASHINGTON

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF SUMNER, WASHINGTON, AMENDING SUMNER MUNICIPAL CODE RELATED TO KENNEL LICENSE REQUIREMENT DEFINITIONS, WHICH AMENDS SECTION 6.04.020 AND 6.04.140 OF THE SUMNER MUNICIPAL CODE.

WHEREAS, the City wishes to protect the health, welfare and safety of animals and staff in facilities that, either long term or short term, house and care, for animals; and

WHEREAS, the City finds a need to license and regulate facilities, that house and care for animals, where these facilities are not licensed and regulated by other governmental agencies ; and

WHEREAS, the City wishes to clarify the definition section of our animal code to accommodate our Kennel Licensing process; and

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF SUMNER, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. That Sumner Municipal Code section 6.04.020 "Definitions", is hereby amended to read as follows:

6.04.020 Definitions.

Except In construing the provisions of this chapter, except where otherwise plainly declared or clearly apparent from the context, words used in this chapter shall be given their common and ordinary meaning; in addition, the following definitions shall apply to each reference to the following words or phrases:

A. "Abandons" means the knowing or reckless desertion of an animal by its owner or the causing of the animal to be deserted by its owner, in any place, without making provisions for the animal's adequate care, and includes, but is not limited to, arrest, involuntary or voluntary commitment, entrance to a medical or rehabilitation program, or other event causing the animal to be without care and/or shelter for the duration of the owner's confinement.

B. "Abatement" means the termination of any violation by reasonable and lawful means determined by the director in order that an owner or a person presumed to be the owner shall comply with this chapter.

C. "Animal" means any nonhuman mammal, bird, reptile, or amphibian.

D. "Animal control operations board" means the operations board of the governing entity of the animal control authority, as established by the interlocal agreement.

E. “Animal control authority” means the Sumner police department, acting alone or in partnership with other agencies for enforcement of animal control laws and the shelter and welfare of animals.

F. “Animal control officer” means any individual employed, contracted or appointed by the animal control authority for the purpose of aiding in the enforcement of this chapter or any other law or ordinance relating to the licensing of animals, control of animals or seizure and impoundment of animals, and includes any state or municipal peace officer, sheriff, constable or other employee whose duties in whole or in part include assignments which involve the seizure and taking into custody of any animal.

G. “City” means the city of Sumner, Washington.

H. “Director” means the Sumner chief of police.

I. “Domesticated animal” means any dog, cat, rabbit, horse, mule, bovine animal, lamb, goat, sheep, hog, bird, or other animal made to be domestic.

J. “Euthanasia” means the humane destruction of an animal accomplished by a method that involves instantaneous unconsciousness and immediate death, or by a method that causes painless loss of consciousness, and death during such loss of consciousness.

K. “Exotic animals” shall mean any of the following:

1. Venomous species of snakes capable of inflicting serious physical harm or death to human beings;

2. Nonhuman primates and prosimians;

3. Bears;

4. Nondomesticated species of felines;

5. Nondomesticated species of canines and their hybrids, including wolf and coyote hybrids;

6. The order Crocodilia, including alligators, crocodiles, caimans and gavials.

L. “Grooming parlor” means any place or establishment, public or private, where animals are bathed, clipped or combed, whether or not for compensation, for the purpose of enhancing their aesthetic value.

M. “Hobby kennel” means a noncommercial kennel at or adjoining a private residence where six or more adult animals are bred and/or kept for hunting, training and exhibition for organized shows, field, working, and/or obedience trials or for enjoyment of their species.

N. “Kennel” means a place where six or more adult dogs or cats or any combination thereof is kept whether by owners of the dogs and cats or by persons providing facilities and care, whether or not for compensation, but not including a ~~small animal~~ veterinary hospital or clinic. ~~or pet shop.~~ An adult dog or cat is one of either sex, altered or unaltered, that has reached the age of six months.

O. “Leash” shall mean a cord, strap, or chain of sufficient strength so that the animal is under the control of a competent person accompanying the animal. For purposes of this definition, “leash” does not include an electronic leash or other similar device where a competent person in control of the animal is not holding a cord, strap, or chain directly attached to the animal.

P. “Livestock” means horses, bovine animals, sheep, goats, swine, reindeer, donkeys, mules and fowl.

Q. “Owner” means any person having a right, claim, title, legal share, or right of possession to an animal or a person having lawful control, custody, or possession of an animal, or who, by reason of the animal being seen residing consistently in a location owned or controlled by the person, is presumed to be the owner.

R. “Pack of dogs” means a group of three or more dogs running upon either public or private property, not that of its owner, in a state in which either its control or ownership is in doubt or cannot readily be ascertained and when such dogs are not restrained or controlled.

S. “Person” means any individual, partnership, firm, joint stock company, corporation, association, trust, estate or other legal entity, and agents of those entities.

T. “Pet shop” means a person or establishment that acquires for the purpose of sale live animals, including birds, reptiles, fowl and fish, bred by others, whether as owner, agent, or on consignment, and sells, or offers to sell, such live animals, including birds, reptiles, fowl and fish, to the public or to retail outlets.

U. “Potentially dangerous dog” means any dog that without provocation: (1) inflicts bite(s) on a human, domestic animal, or livestock either on public or private property; or (2) chases or approaches a person upon the streets, sidewalks, or any public grounds or private property in a menacing fashion or apparent attitude of attack; or (3) any dog with a known propensity, tendency, or disposition to attack unprovoked or to cause injury or otherwise to threaten the safety of humans, domestic animals, or livestock on any public or private property.

V. “Dangerous dog” means any dog that: (1) inflicts severe injury on or kills a human being without provocation, or (2) inflicts severe injury on or kills an animal without provocation while the animal inflicting the injury is off the property where its owner resides, or (3) has been previously found to be potentially dangerous, the owner having received notice of such, and the animal again aggressively bites, attacks or endangers the safety of humans or other animals. Any dog which inflicts injury to a human or animal while trespassing on the property of

another is the presumed provoker, unless such presumption is overcome by the preponderance of the evidence.

W. Restraint. An animal is considered to be under “restraint” if it is maintained and remains within the property limits of its owner or keeper.

X. “Running at large” means to be off the premises of the owner or on the premises of another without the written permission of the owner thereof and not on a leash and not under the control of the owner or competent person authorized by the owner. This definition shall not include a “service animal” as defined in this section if such restraint would interfere with the service animal’s work or the nature of the animal’s owner’s or keeper’s disability prevents use of a restraint.

Y. “Shelter” means a facility which is used to house or contain stray, homeless, abandoned or unwanted animals and which is owned, operated or maintained by a public body, an established humane society, animal welfare society, society for the prevention of cruelty to animals or other nonprofit organization or person devoted to the welfare, protection and humane treatment of animals.

Z. “Under control” means the animal is under control and restrained from approaching any bystander or other animal and from causing or being the cause of physical property damage when off the premises of the owner.

AA. “Vicious” means a propensity to do any act that might endanger the safety of any person, animal or property of another, including, but not limited to, a disposition to mischief or fierceness as might occasionally lead to attack on human beings without provocation, whether in play or outbreak of untrained nature.

BB. “Service animal” shall mean a dog that is individually trained to do work or perform tasks for a person who has a disability as defined under state or federal law.

CC. “Proper enclosure” means, while on the owner’s property, the animal shall be confined indoors or in a securely enclosed and locked pen or structure, suitable to prevent the entry of young children and designed to prevent the animal from escaping. Such pen or structure shall have a locking door with a padlock, secure sides, a concrete floor or, if the pen or structure has no bottom secured to the sides, then the sides must be embedded in the ground no less than one foot and a secure top attached to the sides and shall also provide protection from the elements for the animal. The structure must comply with all applicable provisions of the local building and zoning codes.

DD. “Warning sign” means a clearly visible and conspicuously displayed sign containing words and a symbol (to inform children or others incapable of reading) warning that there is a dangerous animal on the property.

EE. “Muzzle” means a muzzle made in a manner that will not cause injury to the animal or interfere with its vision or respiration but shall prevent it from biting any person or animal.

FF. “Severe injury” means any physical injury which results in broken bones or disfiguring lacerations requiring multiple sutures or cosmetic surgery.

GG. “Provocation” means any threatening or aggressive act that would reasonably incite or stimulate a dog to react in self-defense, including, but not limited to, inciting movements, aggressive tones, and offensive touching.

HH. “Tether” means (1) to restrain an animal by tying or securing the animal to any object or structure; and (2) a device, including, but not limited to, a chain, rope, cable, cord, tie-out, pulley, or trolley system for restraining an animal.

II. “Dog” means an animal of the species Canis lupus familiaris.

JJ. “Necessary shelter” means a structure sufficient to protect a dog from wind, rain, snow, cold, heat, or sun that has bedding to permit a dog to remain dry and reasonably clean and maintain a normal body temperature.

KK. “Necessary water” means water that is in sufficient quantity and of appropriate quality for the species for which it is intended and that is accessible to the animal or as directed by a veterinarian for medical reasons. (Ord. 2780 § 1, 2021; Ord. 2613 (part), 2017: Ord. 2541 § 1, 2015; Ord. 2405 § 1, 2012: Ord. 2324 § 1, 2010: Ord. 2281 § 1, 2008: Ord. 1901 § 1, 1999: Ord. 1760 § 1, 1996; Ord. 1340 § 2, 1986)

LL. “Kennel License” means a license/registration/permit that is issued to any place for a fee determined by City ordinance where animals are kept, trained, groomed, boarded (long or short term), sold, or rehomed after a successfully passed inspection of said premises by an appointee designated by the animal control authority. Licensed veterinarians who, in addition to veterinary medical services on the premises, provide the ancillary services of boarding, grooming, and foster care for their patients, are exempt from the kennel licensing requirements of this chapter.

Section 2. That Sumner Municipal Code section 6.04.140 “Reapplication after license denial” is hereby amended to read as follows:

6.04.140 Reapplication after license denial.

No applicant shall be issued a~~n animal shelter, hobby kennel,~~ kennel license~~, grooming parlor~~, ~~guard dog purveyor~~, ~~guard~~ ~~dog trainer license or guard dog registration~~ who has previously had such license or registration revoked or a renewal refused, for a period of one year after the date of revocation or refusal and until such applicant meets the requirements contained herein to the satisfaction of the animal control authority. (Ord. 2613 (part), 2017: Ord. 1340 § 14, 1986)

Section 3. Severability – Construction. If a section, subsection, paragraph, sentence, clause, or phrase of this ordinance is declared unconstitutional or invalid for any reason by any court of competent jurisdiction; such decision shall not affect the validity of the remaining portions of this ordinance. If the provisions of this ordinance are found to be inconsistent with other provisions of the Sumner Municipal Code, the provisions of this ordinance shall control.

Section 4. Corrections by City Clerk or Code Reviser. Upon approval of the City Attorney, the City Clerk and the Code Reviser are authorized to make the necessary corrections to this ordinance, including the correction of clerical errors; ordinance, section, or subsection numbering; or references to other local, state, or federal laws, codes, rules, or regulations.

Section 5. Effective Date. This ordinance shall be in full force and effect five (5) days from and after its passage, approval and publication, as provided by law.

Passed by the City Council and approved by the Mayor of the City of Sumner, Washington, at a regular meeting thereof this 18th day of April, 2022.

_____
Kathy Hayden, Mayor

ATTEST:

_____
City Clerk Michelle Converse

APPROVED AS TO FORM:

_____
City Attorney Andrea Marquez

First Reading:
Date Adopted:
Date of Publication:
Effective Date:

CITY COUNCIL MEETING
DATE: April 18, 2022
AGENDA BILL: 22-2135

SUBJECT: Resolution No. 1619 - Park Master Plan Approval (Seibenthaler Park and the Bennett Property)

CATEGORY: Resolution

BUDGET IMPACT:
Expenditure Required: None

Within Budget Allocation: N/A

ATTACHMENTS:
1. Resolution No. 1619 - Bennett and Siebenthaler Parks Master Plans

STAFF CONTACT: Derek Barry, Community Services Manager

SUMMARY BACKGROUND:
Over the last year the City has been working with consultants and the community to complete Master Plans for the Bennett Property and Siebenthaler Park and describe the existing conditions, the overall future vision, and proposed programming. It's critical that a master plan reflects the vision, character, and activities identified by the community. The master plan contains features and activities you might want to experience. Activities could include passive uses like nature walks or having a picnic area; active uses like playing basketball or in a spray park; or different types of community events. A master plan also includes the infrastructure and circulation plan needed to support those activities like walkways, parking, lighting, and restrooms. Ultimately, a master plan is intended to guide future implementation, with more detailed design and funding to follow at a later date.This report documents the master planning process for Seibenthaler Park and the Bennett Property, describing the existing conditions, the overall vision, and the proposed programming.

COUNCIL COMMITTEE/STUDY SESSION: **Community Development Committee**
MEETING/STUDY SESSION DATE: 3/23/2022
COMMITTEE RECOMMENDATION: Do pass

STAFF RECOMMENDATIONS/MOTION:
Approval of Resolution No. 1619, approving the master plans for Seibenthaler Park and the Bennett Property.

RESOLUTION NO. 1619
CITY OF SUMNER, WASHINGTON

A RESOLUTION OF THE CITY OF SUMNER, WASHINGTON, APPROVING PARK MASTER PLANS FOR SEIBENTHALER PARK AND THE BENNETT PROPERTY.

WHEREAS, the City of Sumner values its parks and trails; and

WHEREAS, Seibenthaler Park was identified as having great potential to address the needs of the neighborhood; and

WHEREAS, the Bennett Property was acquired in 2020 with Pierce County Conservation Future funding for a future park; and

WHEREAS, the Seibenthaler Park and the Bennett property are in the same area of town; and

WHEREAS, the Seibenthaler Park and the Bennett property were both in need of master planning efforts to address the needs of the community; and

WHEREAS, the City of Sumner worked with the community, the Forestry & Parks Commission and City Council to complete master plans for Seibenthaler Park and the Bennett Property.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SUMNER, WASHINGTON:

Section 1. Approval of Park Master Plans. The City Council hereby approves the Seibenthaler Park and Bennett Property Master Plan as shown in Exhibit A.

Section 2. Corrections by City Clerk or Code Reviser. Upon approval of the city attorney, the city clerk and the code reviser are authorized to make necessary corrections to this resolution, including but not limited to the correction of clerical errors; or references to other local, state, or federal laws, codes, rules, or regulations.

This resolution shall take effect and be in full force immediately upon passage by the City Council.

ADOPTED AND APPROVED this _____ day of April, 2022.

_____
Kathy Hayden, Mayor

Attest:

_____
Michelle Converse, City Clerk

Approved to as form:

_____
Andrea Marquez, City Attorney

Master Plan Report

Seibenthaler Park
&
Bennett Property

CITY OF SUMNER WASHINGTON

ACKNOWLEDGMENTS

CITY OF SUMNER | City Council

Kathy Hayden, Mayor
Barbara Bitetto, City Council Member
Curt Brown, City Council Member
Pat Cole, City Council Member
Cindi Hochstatter, City Council Member
Charla Neuman, City Council Member
Patrick Reed, City Council Member
Earle Stuard, City Council Member

CITY OF SUMNER | Forestry & Parks Commission

Theresa Haase, Chair
Ben Bridges, Commissioner
Matthew Kenna, Commissioner
Dennis Tompkins, Commissioner
Andy Elfers, Commissioner
Michael Huffington, Commissioner
Amelia Dexter, Commissioner
LaTeefah Johnson, Commissioner
Matt Hoard, Commissioner
Jennifer Crawford, Commissioner
Ashli Austin, Commissioner

CITY OF SUMNER | City Staff

Ryan Windish, Community Development Director
Derek Barry, Community Services Manager
Joe McKinney, Communications Coordinator
Carmen Palmer, Communications Director
Lana Hoover, Community Relations Specialist
Jason Wilson, City Administrator

Consultant Team

HBB Landscape Architecture
Coffman Engineers, Inc.
GeoEngineers, Inc.
Furtado & Associates, Inc.
Universal Field Services, Inc.

TABLE OF CONTENTS

WHY MASTER PLAN?	**04**
BACKGROUND AND CONTEXT	**05**
EXISTING CONDITIONS	**09**
PUBLIC OUTREACH & PROCESS	**16**
FINAL MASTER PLAN	**21**
PROJECT IMPLEMENTATION	**35**

APPENDICES

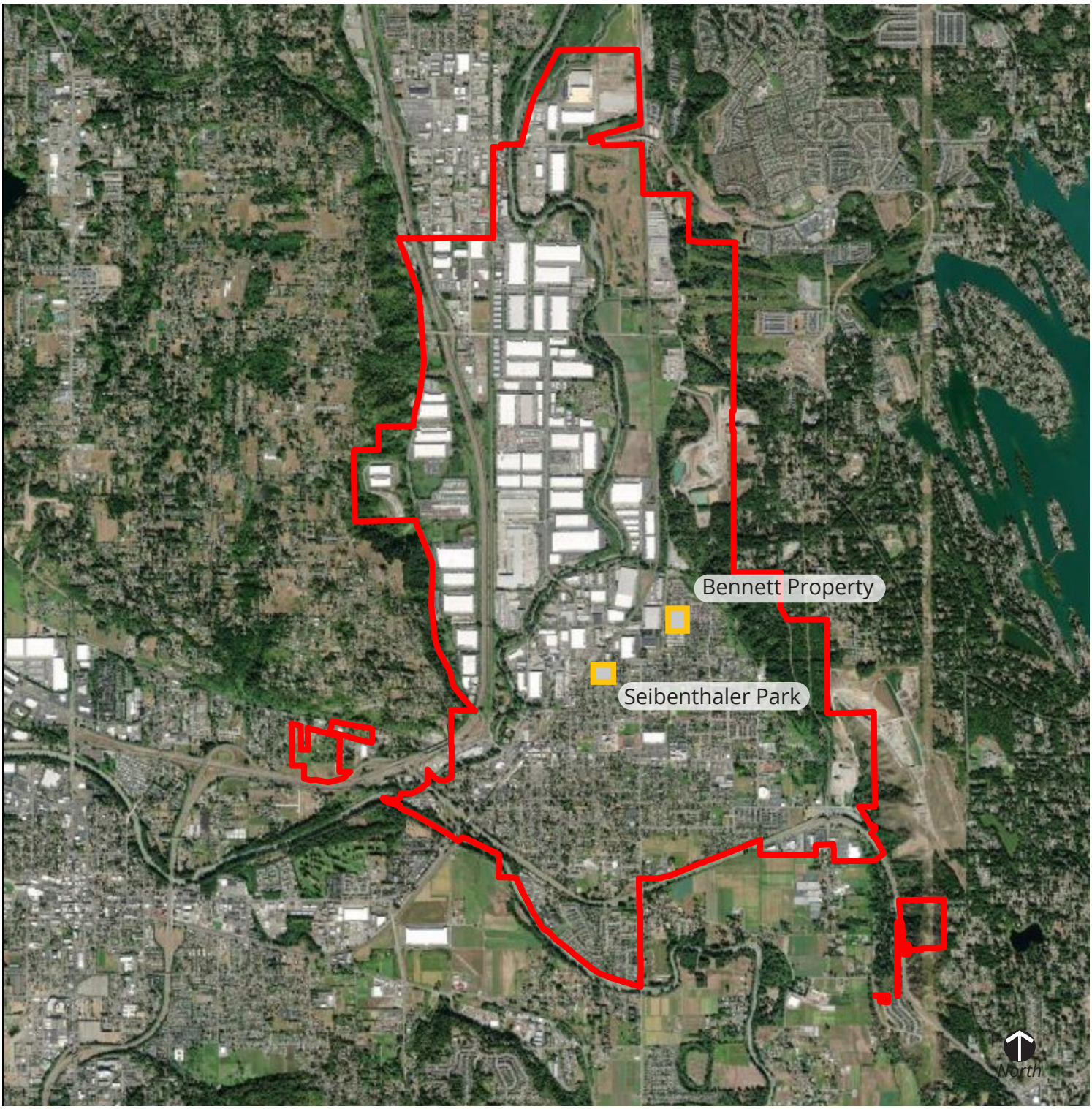
Appendix A: Final Master Plans
Appendix B: Public Involvement Plan
Appendix C: Environmental Analysis
Appendix D: Community Outreach Events
Appendix E: Site Survey
Appendix F: Cost Estimate

WHY MASTER PLAN?

Master plans are about expressing a long-term vision. Features shown in a master plan include the type of activities you might want to experience. Activities could include passive uses like nature walks or having a picnic; active uses like playing basketball or playing in a spray park; or different types of community events. A master plan also includes the infrastructure and circulation needed to support those activities like walkways, parking, lighting, and restrooms. Ultimately, a master plan is intended to guide future implementation, with more detailed design and funding to follow at a later date.

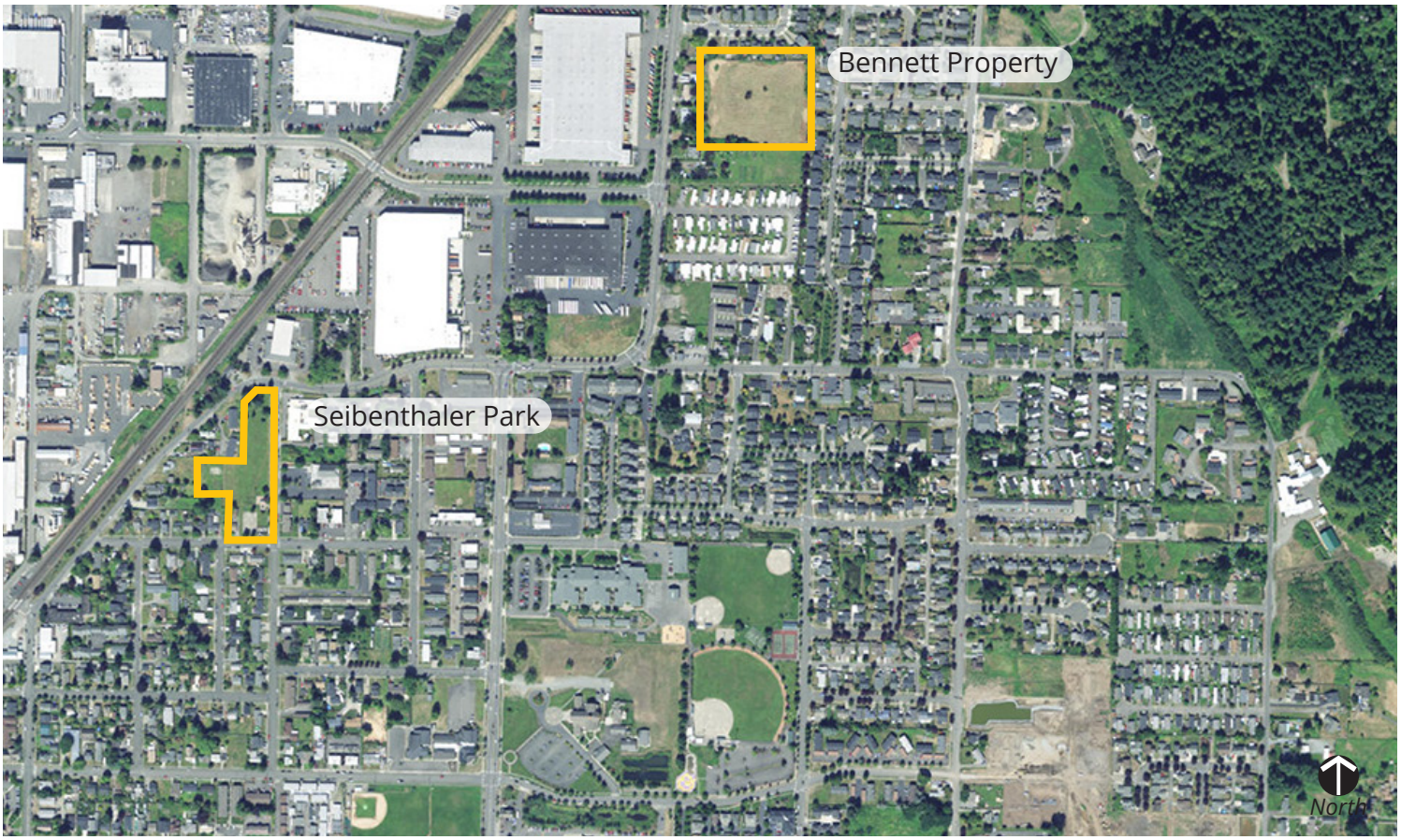
It's critical that a master plan reflect the vision, character, and activities identified by the community. This report documents the master planning process for Seibenthaler Park and the Bennett Property, describing the existing conditions, the overall vision, and the proposed programming. Implementation and funding is also included to support future park development.

BACKGROUND AND CONTEXT



City limits

Park sites



Location

Seibenthaler Park and the Bennett Property are located north of Main Street in the heart of the City of Sumner and are part of an overall city park system that includes active and passive recreation, trails, open space, and a variety of recreation amenities.

Seibenthaler Park is 2.62 acres, located between 16th Street and Elm Street E with on-street parking directly adjacent to the park along Bonney Avenue. The surrounding context is largely residential properties, with more commercial and office uses to the north, and residential to the south, east and west including multi-family residential immediately to the west of the park boundary.

The Bennett Property is 3.96 acres, to 4.21 acres with acquisition, and is located off E Valley Highway just south of 46th Street Ct E. The site is currently undeveloped and surrounded by single family residential properties with access directly off of E Valley Highway. As a result, much of the site is hidden from the adjacent public roadways. To the north and west of the park beyond the residential neighborhood is mostly warehouses and industrial areas. The Salmon Creek and open space is just to the east of the park beyond the adjacent neighborhood.

History

There isn't a lot of public history around how Seibenthaler Park got its name other than from a prominent Boy Scout Leader in the City, the second site has been referred to as the Bennett Property after Chris H. Bennett, whose family owned the property prior to it becoming a park. Mr. Bennett was born in Georgia during the Jim Crow era. He entered the Air Force after graduating High School, and was eventually stationed in Everett, WA. After the military he enrolled in Everett Community College and went on to found The Seattle Medium Newspaper in 1970. As his success at the newspaper grew, Bennett expanded to include radio stations in Seattle, Tacoma, and Portland. The Bennett property was the location of a radio tower broadcoasting The Z Twins AM radio stations, KRIZ and KYIZ. Business partner Larry Williams said of Bennett, "His empire was built around issues and concerns of the Black community. Not only will he speak out on the issues and concerns of our communities, he worked hard to do something about them. He is more than just rhetorical; he is a doer"

Comprehensive Planning

In 2015 and 2018, the City underwent an overall comprehensive planning process, including the development of the Sumner Parks & Trails Plan. The plan looked at the existing inventory and recreation needs city-wide, and identified park improvements to meet those needs. The plan also included an extensive public outreach and engagement process. The master planning process for Seibenthaler Park and the Bennett Property used the Comprehensive Plan as a basis for design, and continued the public outreach process to understand the more specific community needs for these two parks.

EXISTING CONDITIONS

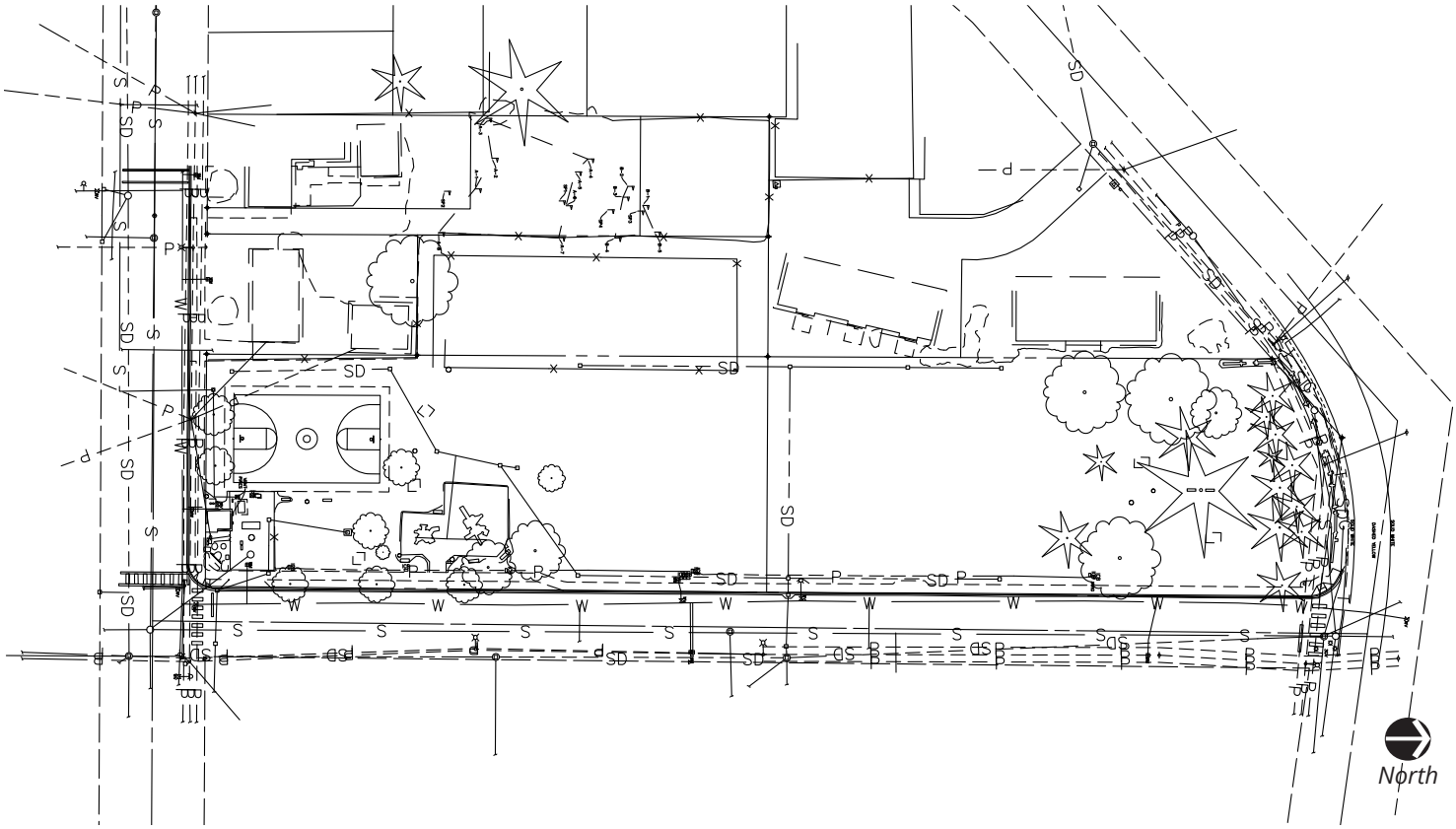
Seibenthaler Park

Seibenthaler Park

Seibenthaler Park is mostly open lawn, with an existing play area, basketball court, and picnic areas. There is currently no ADA parking for the park, but on-street parking is available along Bonney Avenue directly adjacent to the park and in the surrounding neighborhood. Sidewalks currently line the south and east edges of the park property. A temporary dog park was established along the west side of the park, enclosed by a chain-link fence, between the lawn and an existing wetland. The open lawn is large enough to support modified soccer practices for younger ages, but the poor drainage throughout the site makes programming the park difficult. The park is also used for volleyball and other recreation activities from nearby businesses. There are picnic tables by the play area and the wooded area north of the open lawn, but no picnic shelters.

There are a number of mature deciduous trees, mostly ornamental, throughout the open lawn areas. There are also several large conifer trees, native and non-native, in the northern portion of the park.

Seibenthaler Park



The park was recently expanded with the acquisition of two adjacent parcels to the west of the improved park area. The new parcels are dominated by two existing wetlands. The wetlands are both classified as Category III with an 80-foot standard vegetated buffer required. See Appendix C for additional information on the wetlands.

The park is difficult to maintain, mostly due to the poor soils and drainage considerations at the park. There is an existing storm drain along the north edge of the park, but the soils have little opportunity for infiltration. The current mostly flat topography doesn't provide enough natural drainage to support the intended use.

Bennett Property

Bennett Property

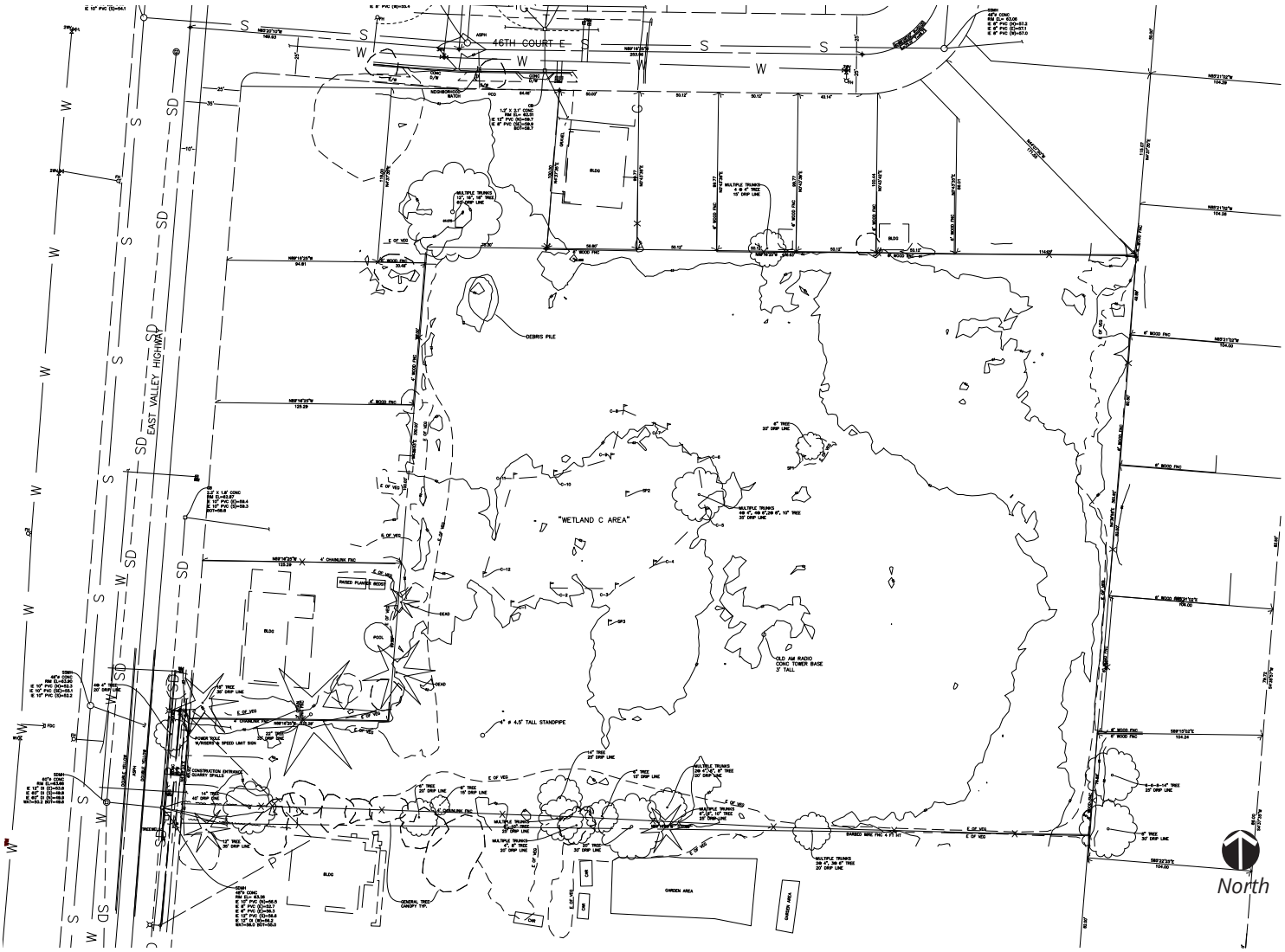
The Bennett Property is currently undeveloped pasture land throughout most of the site. There are a few trees and vegetated buffers adjacent to the south property line, and scattered vegetation along the other edges of the property. The site is surrounded by wood fences from adjacent residences.

There is a large deciduous tree located in the center of the property that currently dominates the views internal to the site. External views are framed by lowland hills in the foreground and Mount Rainier in the distance looking south from within the park. Many of the adjacent residences along the north boundary line of the park likely have views of Mount Rainier to the south as well.

An existing wetland is located in the central part of the park, surrounded by what was once pasture land. It has been designated a Category IV wetland with a 50-foot standard buffer required.

An access easement to provide a pedestrian only connection to 154th Avenue Ct E was recently acquired by the City along the east side of the park. The city is also currently under negotiation to purchase additional property directly north of the park in order to provide better connectivity and sight-lines from the park to the neighborhood, as well as additional access for pedestrians, vehicles and emergency services.

Bennett Property



PUBLIC OUTREACH

CRAFTWIN
CraftFire

Timeline of outreach activities:

1. Sumner Connect Page – Continuously throughout project
   951 aware visitors, 399 informed , 302 engaged

2. Pop-Up Survey – June to September
   253 responses

3. Pop-Up at Nights On Ryan – August 14th

4. Concept Alternatives Open House – Zoom meeting – 10/26/2021
   4 participants

5. Concept Alternatives On-Line Survey – November, 2021
   58 responses

6. Creekside HOA Meeting – Discussion of concepts

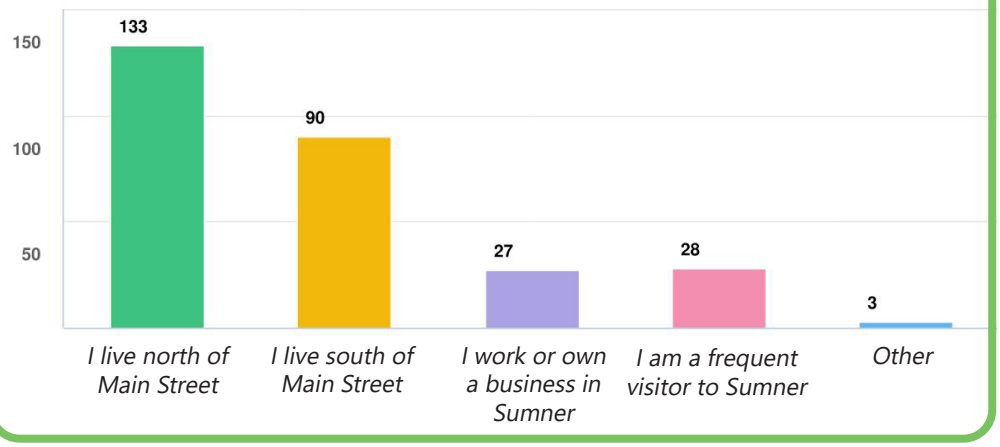
7. Sumner Rotary Meeting – Discussion of concepts

8. Preferred Concepts On-Line Survey – January
   204 Responses

9. Final Concepts & Cost Estimates – March

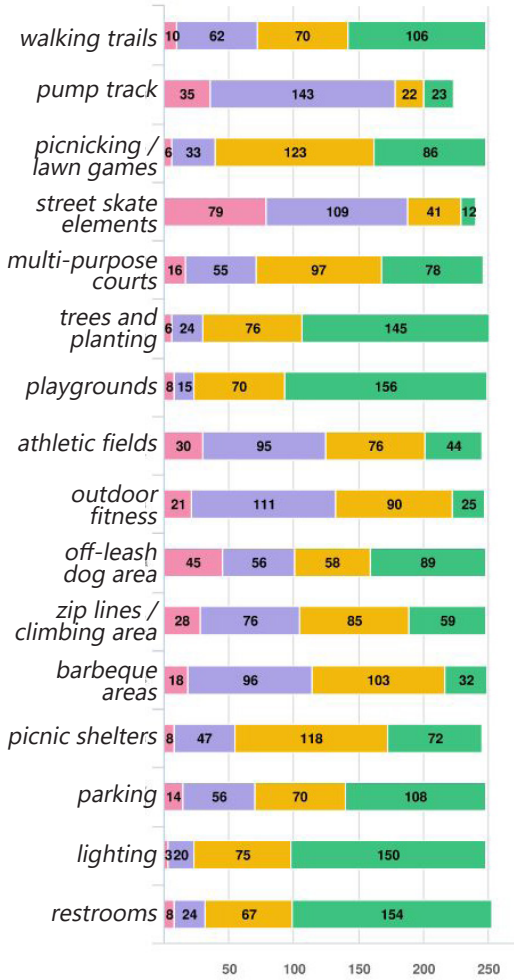
What activities would you like to do in the park?
¿Qué actividades les gustaría hacer en el parque?

How are you connected to the community?

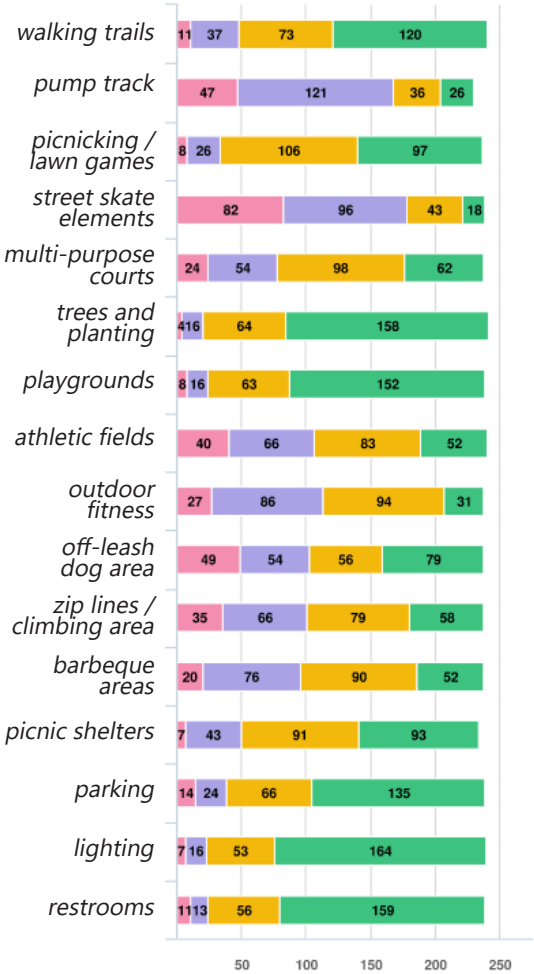


253 respondents

Importance of activities for Seibenthaler Park



Importance of activities for Bennett Property



- very important please include
- important
- not really important
- please do not include

90%

supported the master plan concepts

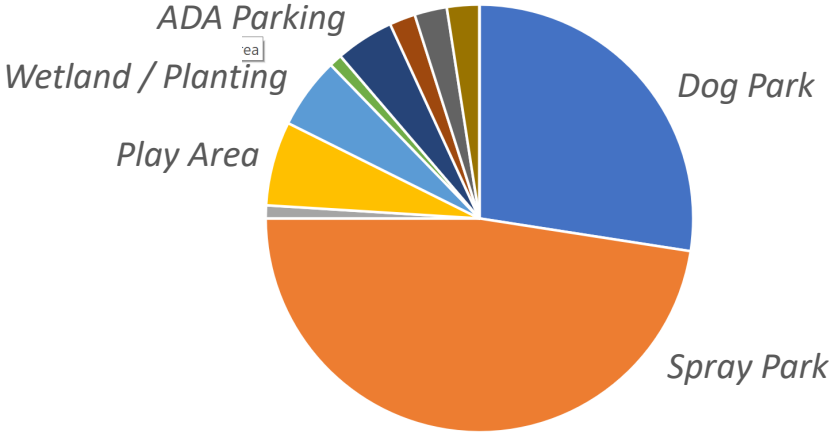
"[Concerned] you are inviting the homeless to set up camp."

"This looks so great! I love the open spaces"

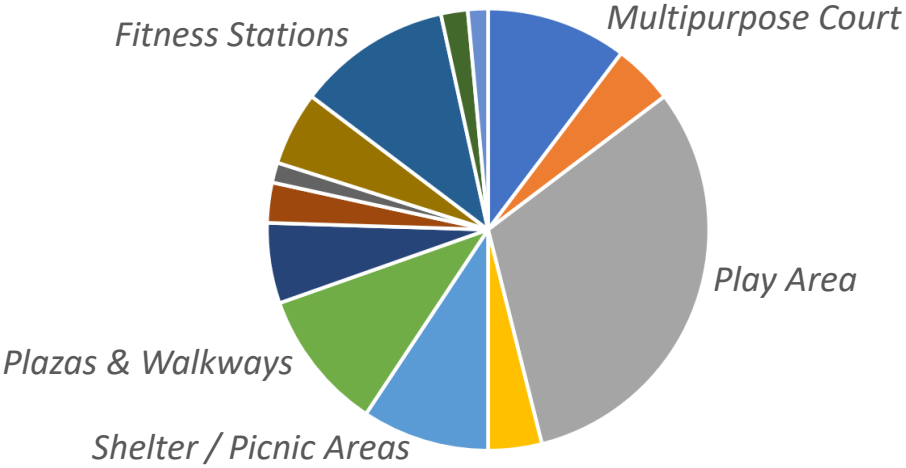
"Definitely keep the spray area! We are excited!"

What are you most excited about for each park?

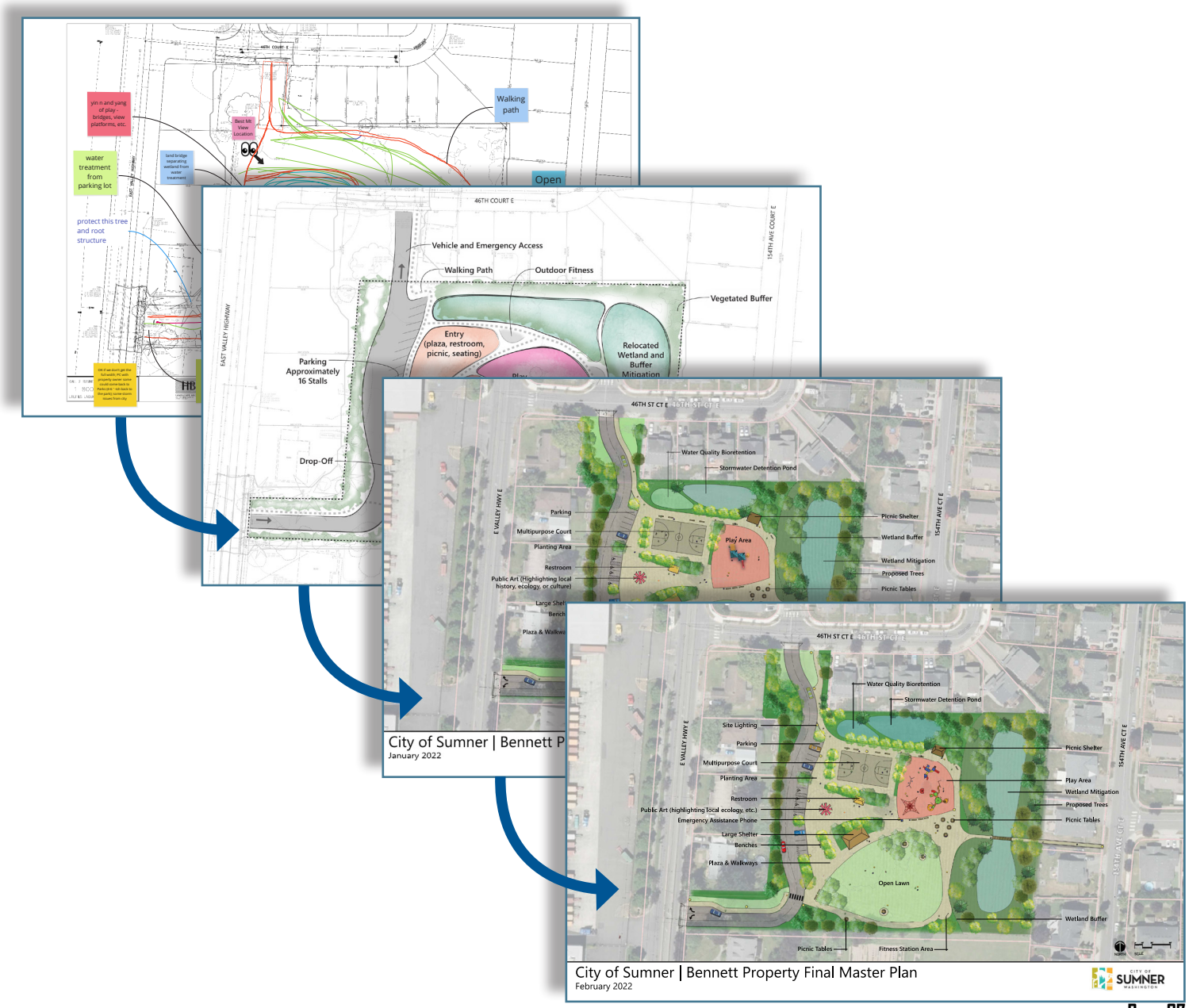
Seibenthaler Park – Top 5



Bennett Property – Top 5



FINAL MASTER PLAN



Seibenthaler Park

Overview

The overall vision for the final master plan of Seibenthaler Park was to create a park that provides a variety of activities, is flexible for all types of users and interests, and creates a space with its own unique character and amenities.

This was accomplished by keeping the existing uses, adding unique elements not found elsewhere in the city's park system, and upgrading all the facilities to meet current standards, improve drainage, and maximize accessibility for all ages and abilities.

The process began with an analysis of existing conditions and developing two concept alternatives that show a variety of recreational uses in different configurations on the site. The concept alternatives were presented to the public on-line and at a virtual open house.

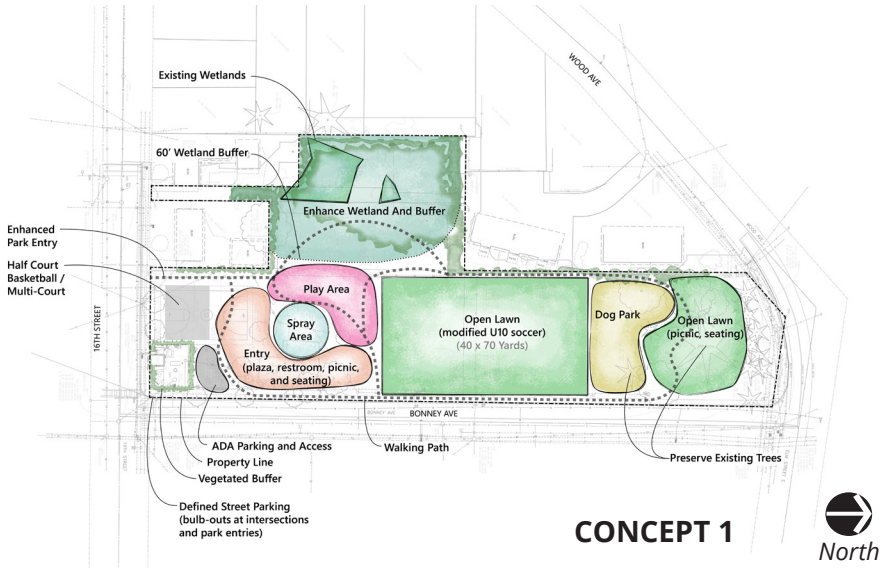
Concept 1 provided enough open lawn to still support modified soccer for younger ages, added a spray park, and created a central plaza and entry into the park. The dog park was relocated to the north end of the park.

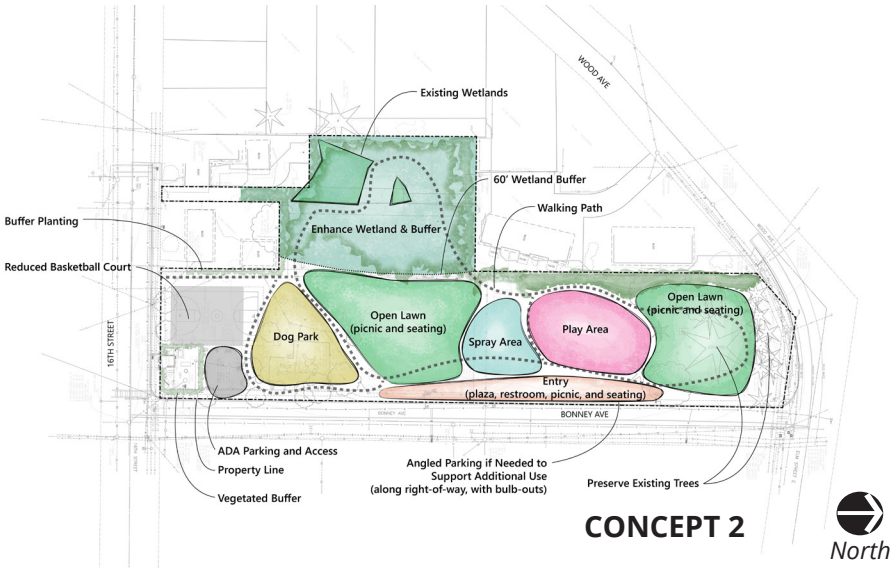
Concept 2 reduced the open lawn area to provide a larger play area spray park. The dog park is located to the south, and the entry is expanded along the entire street frontage for a more open, continuous entry experience.

The community generally liked both concepts, but preferred keeping the spray park and play area in the south end of the park near the multi-purpose court. They generally liked the dog park more separated from the other uses in the park to the north. They also liked the larger looped trail system.

The concept alternatives were also presented to the Sumner Park & Forestry Commission and the City Council with similar comments received. The Commission also expressed an interest in lighting for the park and additional shelters and picnic areas, which the Council supported.

A hybrid of these two concepts was developed and presented back to the public through the city's website with an on-line comment / survey format. The preferred plan was also presented back to the Park & Forestry Commission and the City Council. Feedback received was incorporated into the final park master plan.





Seibenthaler Park

Final Master Plan

ELM ST E
Proposed Trees
Shelter
Open Lawn
Dog Park
Picnic Tables
Existing Trees
es
Area
& Walkways
NORTH
SCALE

Spray Park

Adding a spray park to the Sumner Park system was a highly requested element for residents. Artificial turf would be provided to the west of the spray area as a clean lounging area to observe participants and dry off on.

Dog Park

A temporary pop-up dog run developed at the park was a success, with many residents requesting this be kept as a permanent feature. The dog park area would be relocated away from children's play and spray areas and given more permanent fencing and double gated entry. A more durable surfacing would replace the existing lawn, and a rain-garden located adjacent to the dog area specifically for dog park drainage.

Multi-use Court

An existing basketball court will be reduced to an approximate half court size in order to accomodate the restroom and expanded play and spray areas. The court will be resurfaced and retrofitted to accommodate a wider variety of court oriented games including basketball and pickleball.

Play Area

Renovating the park provides an opportunity to replace the existing play structure with a revitalized play area. A new playground would feature play equipment for a wider age range of children, soft impact surfacing throughout, and shade protection from shade sails. The play equipment would provide for ADA access, but with a wider focus on universal design and a greater range of play opportunities for passive and active play experience. The equipment should also provide opportunities and variety of play not found elsewhere in the city, making this a destination place to play.

Walking Paths

Providing walking paths was highly requested. New and improved features at the park will attract return visitors, and walking paths offer a low cost enhancement for additional age ranges over other, more active features.

The loop will take users through an improved wetland, near open lawns, children's play areas, a section of canopied walk under existing trees, and finally across a paved plaza. Path types include short sections of board walk, paving, and soft-scape such as crushed rock.

Wetland Overlook

Improvements to the existing wetland area will create different user experiences for those walking the park. While relatively short, the loop will take users through an improved wetland with a wooden boardwalk at an overlook to the new wetland restoration.

Bennett Property

Overview

The overwhelming character of the Bennett Property is its natural context and open space. Surrounded by a dense residential neighborhood, the park's open pastoral character sits at a stark contrast and provides a place of respite in an otherwise urbanizing environment. The overall vision for this park is to enhance the natural environment around the edges of the park to provide a strong buffer to the residential properties, while focusing the more improved recreational elements in the central part of the park. This end result will be a neighborhood park that will be easy to access from the adjacent neighborhoods and provide a new place to relax, play, and explore nature in Sumner.

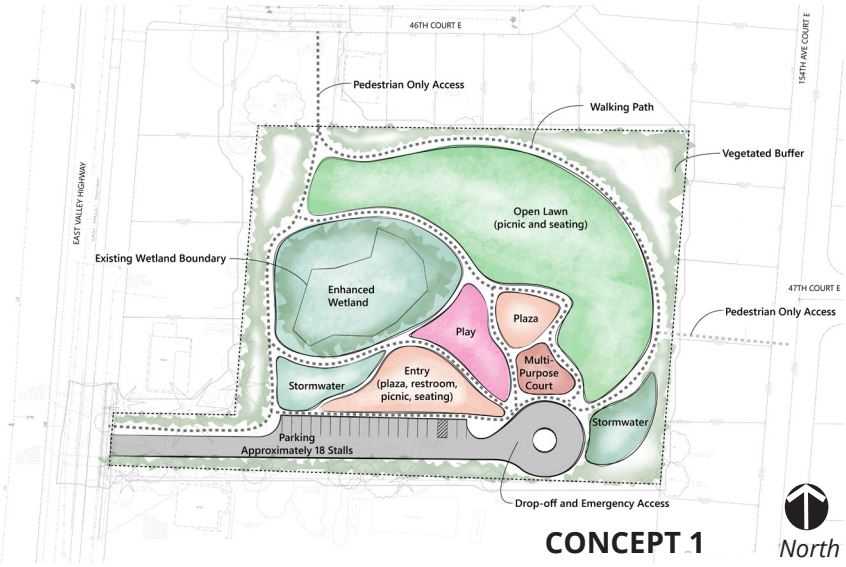
Bennett Property

With the existing wetland in the middle of the existing site and limited access to the park from the neighborhood, the three concept alternatives developed for the Bennett Property centered around the location of the wetland and extent of wetland mitigation, and the vehicular circulation through the site.

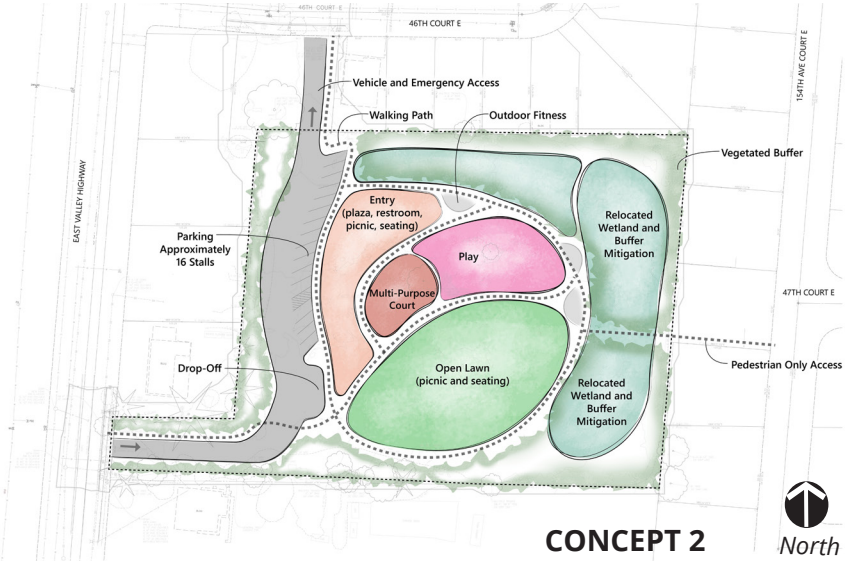
While the immediate neighborhood expressed some concerns with an access drive that connected through the park to 46th Street Ct E north of the park, the benefit of allowing park visitors an easy access in and out of the park would limit the number of people who would otherwise park within the neighborhood to access the park. In addition, emergency services for the city requires access to the park before any improvements can be made. The local fire and police services both expressed a preference for an access drive that continues to the north of the park.

The community expressed a desire for a dog park and a spray park, but residents also indicated that these features at either Seibenthaler or Bennett Property would meet the need. Both features are provided in the final master plan for Seibenthaler Park so were not included at the Bennett Property.

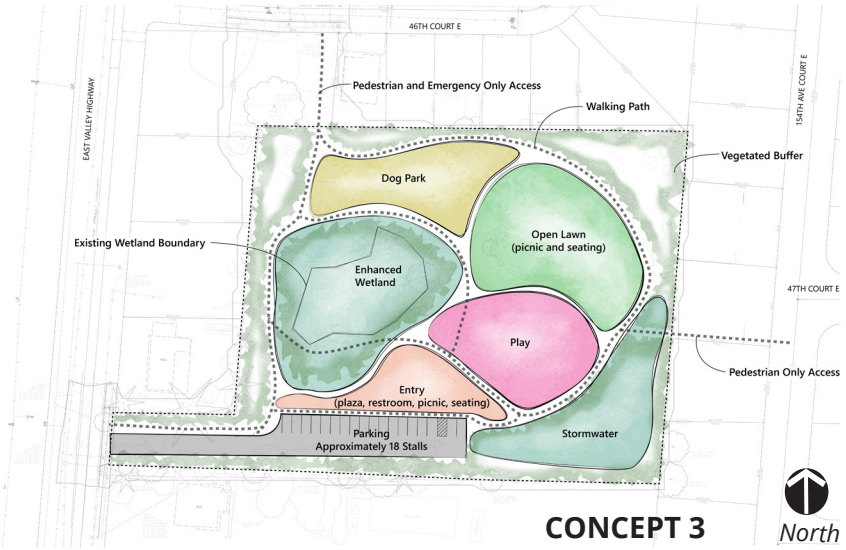
The concept alternatives, preferred plan, and final master plan were presented back to the community, the Parks & Forestry Commission, and City Council with input incorporated prior to finalizing the plan.



CONCEPT 1



CONCEPT 2



CONCEPT 3

Bennett Property

Final Master Plan

ality Bioretention
Stormwater Detention Pond
Picnic Shelter
Play Area
Wetland Mitigation
Proposed Trees
Picnic Tables
Lawn
Wetland Buffer
s Station Area
154TH AVE CT E
154TH AVE CT E
NORTH
SCALE

Multi-Use Court

The multi-use court at the Bennett Property will be sized to accommodate a full court basketball game, with striping and surfacing to allow for a variety of other sports as needed based on community demand and interests. This could include pickleball, four-square, and volleyball.

Picnic Shelters

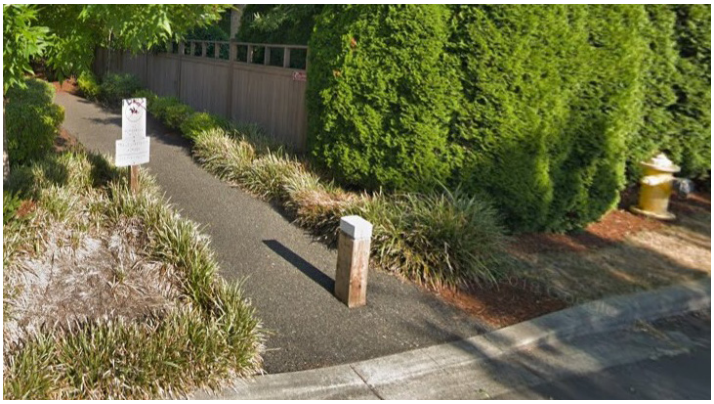
Picnic shelters should be sized to accommodate larger groups with 2-4 picnic tables available for the smaller shelter by the play area, and 6-8 tables for the larger shelter by the open lawn. They should include lighting and bar-be-que facilities. Water and power could also be provided, especially at the larger shelter, which could be used to support a greater variety of programming for the community and/or city programs and events.

Outdoor Fitness

Outdoor fitness stations will be located along the walking path and support overall fitness and wellness opportunities in the park. They can be stationed at different locations through the park and include one or more types of fitness activity at each location. They should be selected to provide enough variety and flexibility for different skills and fitness interests.

Play Area

A new playground would feature play equipment for all ages and abilities, with a special focus on accessible play opportunities and design for universal access. Lighting would allow the playground to be used for extended times. Timber based play structures offer opportunities to incorporate a nature based approach to play elements, and become sculptural elements within the park. Active and passive play would be incorporated into the design.



Neighborhood Connection

The pedestrian connection to 154th Avenue Ct E will be a narrow paved path with fencing on both sides adjacent to the residences. The entrance on 154th Avenue Ct E should have accent planting, a sign, or other feature to highlight the park connection, and bike racks and seating should be provided close to this connection on the park side. View corridors through this area will remain open to provide a welcoming and visually accessible connection to the park.

Wetland Mitigation

The constructed wetland will be a significant feature of this park, providing a new ecosystem and habitat value that doesn't exist today. It will also help protect the privacy and buffer the adjacent residences from the more active portions of the park. The trail connection through the new wetland area should be designed to feel like a bridge with interpretive signage or other information about the constructed wetland.

PROJECT IMPLEMENTATION

KATE LEARSON
Red Oak
ENDOWED 2011
WILLIAM J. DEAN
CHARLENE & JAMES
NEDERLANDER
NEDERLANDER
American Elm
ENDOWED 2011
SETH, SUSAN &
RACHEL MOSLER
Weeping Willow
ENDOWED 2011
FRIENDS & FAMILY
IN MEMORY OF
JONATHAN ROMAN
American Elm
ENDOWED 2011
IN HONOR OF
NEIL CALVANESE
American Elm
ENDOWED 2012
TOM KEMPNER &
KITTY PATTERSON
Pin Oak
ENDOWED 2011
IN HONOR OF
PREDY

COST ESTIMATE

Rough order-of-magnitude (ROM) cost estimates were generated for Seibenthaler Park and the Bennett Property to evaluate potential costs associated with proposed improvements. However, this is a one-time snapshot of rough cost estimates based on 2022 development costs, and more detailed cost estimates would need to be developed for each individual phase of improvements during final design.

Below is a summary of the development costs for each park.

Seibenthaler Park

	CONSTRUCTION COSTS				SOFT COSTS			
	Construction Costs	Sales Tax (9.4%)	Mobilization (12%)	**Subtotal Construction Costs**	Design Fees (20%)	Admin/ Permitting Fees (5%)	Contingency (30%)	**TOTAL**
Demolition / Site Preparation	$121,843	$11,453	$15,996	**$149,292**	$29,858	$7,465	$44,788	**$231,403**
Earthwork	$74,975	$7,048	$9,843	**$91,865**	$18,373	$4,593	$27,560	**$142,391**
Site Utilities / Drainage	$246,115	$23,135	$32,310	**$301,560**	$60,312	$15,078	$90,468	**$467,418**
Paving	$896,958	$84,314	$117,753	**$1,099,025**	$219,805	$54,951	$329,708	**$1,703,489**
Site Improvements	$2,789,381	$262,202	$366,190	**$3,417,772**	$683,554	$170,889	$1,025,332	**$5,297,547**
Site Furnishings	$176,325	$16,575	$23,148	**$216,047**	$43,209	$10,802	$64,814	**$334,874**
Playground	$464,747	$43,686	$61,012	**$569,446**	$113,889	$28,472	$170,834	**$882,641**
Spray Park	$1,000,000	$94,000	$131,280	**$1,225,280**	$245,056	$61,264	$367,584	**$1,899,184**
Restroom	$350,000	$32,900	$45,948	**$428,848**	$85,770	$21,442	$128,654	**$664,714**
Shade Structures / Shelters	$587,800	$55,253	$77,166	**$720,220**	$144,044	$36,011	$216,066	**$1,116,340**
Dog Park	$140,558	$13,212	$18,453	**$172,223**	$34,445	$8,611	$51,667	**$266,946**
Multipropose Court	$21,800	$2,049	$2,862	**$26,711**	$5,342	$1,336	$8,013	**$41,402**
Lighting / PET	$49,000	$4,606	$6,433	**$60,039**	$12,008	$3,002	$18,012	**$93,060**
Planting / Irrigation	$703,782	$66,155	$92,392	**$862,330**	$172,466	$43,116	$258,699	**$1,336,611**
Estimated Total Cost	**$4,833,054**	**$454,307**	**$634,483**	**$5,921,845**	**$1,184,369**	**$296,092**	**$1,776,553**	**$9,178,859**

NOTE: All costs are based on 2022 estimated cost of construction. Escallation is not included.

Bennett Property

	CONSTRUCTION COSTS				SOFT COSTS			
	Construction Costs	Sales Tax (9.4%)	Mobilization (12%)	**Subtotal Construction Costs**	Design Fees (20%)	Admin/ Permitting Fees (5%)	Contingency (30%)	**TOTAL**
Demolition / Site Preparation	$99,328	$9,337	$13,040	**$121,704**	$24,341	$6,085	$36,511	**$188,641**
Earthwork	$85,273	$8,016	$11,195	**$104,483**	$20,897	$5,224	$31,345	**$161,949**
Site Utilities / Drainage	$491,661	$46,216	$64,545	**$602,423**	$120,485	$30,121	$180,727	**$933,755**
Paving	$981,672	$92,277	$128,874	**$1,202,823**	$240,565	$60,141	$360,847	**$1,864,376**
Site Improvements	$2,041,195	$191,872	$267,968	**$2,501,035**	$500,207	$125,052	$750,311	**$3,876,605**
Site Furnishings	$206,120	$19,375	$27,059	**$252,555**	$50,511	$12,628	$75,766	**$391,460**
Playground	$703,375	$66,117	$92,339	**$861,831**	$172,366	$43,092	$258,549	**$1,335,839**
Public Art	$350,000	$32,900	$45,948	**$428,848**	$85,770	$21,442	$128,654	**$664,714**
Restroom	$350,000	$32,900	$45,948	**$428,848**	$85,770	$21,442	$128,654	**$664,714**
Shade Structures / Shelters	$275,000	$25,850	$36,102	**$336,952**	$67,390	$16,848	$101,086	**$522,276**
Fitness Stations	$40,000	$3,760	$5,251	**$49,011**	$9,802	$2,451	$14,703	**$75,967**
Multipropose Court	$43,600	$4,098	$5,724	**$53,422**	$10,684	$2,671	$16,027	**$82,804**
Lighting / PET/ EV charging	$71,500	$6,721	$9,387	**$87,608**	$17,522	$4,380	$26,282	**$135,792**
Planting / Irrigation	$1,332,503	$125,255	$174,931	**$1,632,689**	$326,538	$81,634	$489,807	**$2,530,668**
Estimated Total Cost	**$5,031,631**	**$472,973**	**$660,553**	**$6,165,157**	**$1,233,031**	**$308,258**	**$1,849,547**	**$9,555,994**

NOTE: All costs are based on 2022 estimated cost of construction. Escallation is not included.

Seibenthaler Park permitting matrix

Potential Permit	Improvement	Permit Trigger
National Environmental Policy Act (NEPA)	Wetland enhancement	Federal Clean Water Act permit
State Environmental Policy Act (SEPA)	Site re-development	Non-exempt project action
Section 404 Clean Water Act Nationwide Permit	Wetland enhancement	Discharge of dredge or fill material into Water of the U.S.
Section 401 Clean Water Act Water Quality Certification	Wetland enhancement	Discharge of dredge or fill material into Water of the U.S.
Dept. of Ecology Administrative Order	Wetland enhancement	Impacts to wetland not within Federal jurisdiction
City of Sumner Critical Areas Ordinance	Site re-development including wetland enhancement and buffer modification	Wetland enhancement, modification of wetland buffer, work within mapped aquifer recharge area, high seismic hazard rating, and volcanic hazard zone

Bennett Property permitting matrix

Potential Permit	Improvement	Permit Trigger
National Environmental Policy Act (NEPA)	Wetland fill and compensatory mitigation	Federal Clean Water Act permit
State Environmental Policy Act (SEPA)	Site development	Non-exempt project action
Section 404 Clean Water Act Nationwide Permit	Wetland fill and compensatory mitigation	Discharge of dredge or fill material into Water of the U.S.
Section 401 Clean Water Act Water Quality Certification	Wetland fill and compensatory mitigation	Discharge of dredge or fill material into Water of the U.S.
Dept. of Ecology Administrative Order	Wetland enhancement	Impacts to wetland not within Federal jurisdiction
City of Sumner Critical Areas Ordinance	Site development including wetland and buffer modification	Wetland enhancement, modification of wetland buffer, work within mapped aquifer recharge area, high seismic hazard rating, and volcanic hazard zone

FUNDING OPPORTUNITIES

Grant Funding can come from a variety of sources, but grant funding for park improvements is most often through the State of Washington Recreation & Conservation Office (RCO). There are a variety of grant programs within RCO, and their grant managers can help determine the best option to match the needs of your park project. All of the local park grant programs (LWCF and WWRC) require a local match to be eligible for the grant program.

Partnerships can be a great resource for funding, and can contribute to a lasting relationship between organizations within the partnership. Partnerships can be used to help support construction or operations and maintenance of park improvements. Examples include the dog park or habitat improvements.

Volunteer support for a park this size can often be difficult to manage. However, when considering the number of potential volunteers, it should have a positive impact on the park, as well as help maintain a sense of ownership by the local community. Volunteers are generally used most to support maintenance in the form of vegetation management, clean-up, and other minor improvements.

State Appropriation, or a 'legislative ask', are funds applied to a project directly from the State legislature as part of the annual State budget process, generally through lobbying activities and community support.

Bonds can be a councilmanic bond, a limited capacity bond approved by City Council without a public vote, or general obligation bonds that are approved by public vote. General obligation bonds used for park improvements are limited to capital improvements. **Levies** are similar, but with the added benefit of being used to also fund maintenance as well as capital improvements and only requires a simple majority of the public vote.

Local Capital Improvement Program dollars can come from a variety of sources, generally through City funding resources. They can be any combination of taxes and fees assigned to support capital improvements, operations and maintenance of parks and recreation facilities.

Sponsorships can come in the form of single donations of goods, dollars, and services or annual donations. Recognition of sponsors and donors needs to be considered and can affect how successful this funding source is - from "buy a brick" programs to naming rights of individual park features. Playgrounds, the dog park, and picnic shelters are good examples where sponsorships have been used in other communities to help fund these improvements.

APPENDICES

Appendix A: Final Master Plans
Appendix B: Public Involvement Plan
Appendix C: Environmental Analysis
Appendix D: Community Outreach Surveys
Appendix E: Site Surveys
Appendix F: Cost Estimate

APPENDIX A

Final Master Plans

City of Sumner | Seibenthaler Park Final Maste

February 2022

er Plan

CITY OF SUMNER WASHINGTON

City of Sumner | Bennett Property Final Maste

February 2022

er Plan

CITY OF SUMNER WASHINGTON

APPENDIX B

Public Involvement Plan

Park Master Plans

Public Involvement Plan

Purpose and Background

This project includes two park master plans, an updated plan for the existing Seibenthaler Park and a master plan for a new park site known as the Bennett Property, currently undeveloped.

The purpose of the Park Master Plans is to develop a long-term vision and provide a concept to guide future improvements and development of the parks. Features shown in master plans illustrate how activities and improvements would be laid out over the landscape and their relationship to each other. For that reason, it's critical the park master plans reflect the programming and character traits the community thinks the park should include, but also understand and recognize that changes will occur over time and additional detailed design work will be needed before any construction could begin.

The Public Involvement Plan describes the goals and objectives, principles, strategies, and activities for engagement. The plan includes an outline of each proposed outreach event, the desired outcome, the tools used, materials needed, anticipated participants, and summary methods. It is intended as a living document, and as such, it will be updated throughout the process to include any adaptive strategies needed based on feedback received or results of early engagement activities.

The outreach process needs to be creative, flexible, and inclusive to all. It needs to be responsive to the latest safety and health parameters as outlined by the City in response to the current COVID pandemic, transitioning from a virtual environment to in-person activities as soon as possible. The process needs to represent and reflect the diverse communities, neighborhoods, stakeholders, and visitors being served.

Public Involvement Goals and Strategies

Effective community engagement takes careful planning and an acknowledgement that engagement with each and every participant is an opportunity to broaden our understanding of what makes a community.

- **Build on relationships with target population**
  - Continue to maintain and build relationships with the public, key stakeholders, and community leaders relevant to park development, maintenance, and improvement projects.
  - Directly engage groups that have historically not participated in the public process through a variety of methods, on-line and in-person if needed.

- Outreach should be targeted towards the adjacent neighborhoods, but also allow for city-wide engagement.
- Actively engage organizations, community leaders, and community groups in target populations.
- Consider current and future park users and program providers.

- **Create a welcoming atmosphere**
  - Make participation easy and convenient.
  - Time events to ensure participation from a variety of populations (day, evening, weekends, etc.).
  - Directly invite members of the target population to participate through emails, phone calls or other one-on-one methods.
  - Create an environment that promotes two-way conversation and allows a safe space to exchange ideas, including a variety of perspectives for any given topic.
  - Make outreach enjoyable.
  - Reflect comments received back to the community.
  - Adapt methods, strategies and materials used in the outreach process based on feedback received.
- **Increase accessibility**
  - Provide opportunities across a broad variety of platforms – digital and analog; verbal, graphic and written.
  - Consider potential barriers to participation and address those barriers to the maximum extent feasible.
  - Provide sufficient noticing ahead of outreach events to raise awareness and notice in as many and varied ways as possible to reach the widest audience.
- **Develop alternative methods for engagement**
  - Provide a variety of resources and materials to appeal to all ages and abilities.
  - Reach out to where the target population already is or places / platforms they currently use; not always requiring that population to come to you.
  - Offer multiple ways for participants to provide feedback.

Stakeholders & Audiences

There are many user groups, organizations, individuals and communities that are stakeholders in this process. The City will work to inform and engage each of these stakeholders in the Park Master Plans process. The different stakeholders and audiences that may be affected by or interested in this process are organized by category below, along with the specific outreach method proposed for each category. The list of stakeholders is expected to change over the course of the project and will be updated as needed.

Category	Outreach Method
UNDER REPRESENTED POPULATIONS: *(includes formal or informal community groups, ethnicities or other population types) – City will review census, signage in Spanish may be needed. People with disabilities, dog owners, younger tots (2-5)*	• Public meetings and surveys • Emails, notices, and project information distribution • Potential one-on-one outreach
NEIGHBORS: *(includes businesses, property owners, schools, and residents)*	• Public meetings and surveys • Emails, notices, and project information distribution • Flyers and on-site posting • Social media
PARK STAKEHOLDERS: *(includes City-wide and park-specific user groups, organizations that could run events in the park, and recreation or program providers)*	• Public meetings and surveys • Emails, notices, and project information distribution • Presentations to select groups (by City)
CITY DEPARTMENTS / PROGRAMS:	• Emails, notices, and project information distribution • Topic-specific discussions or meetings as needed • Presentations to boards / commissions

Public Involvement Strategies & Activities

The following table illustrates the strategies and activities for building awareness on an ongoing basis to share the project and gather feedback from the community. It also addressed the methods and tools used to advertise outreach events. The goal of these strategies is to make it easy and convenient for people to get the information they need to learn about the project, to participate in the outreach activities, and to see how their input influences the project outcomes. Awareness and advertising tools

anticipated for this process include:

Tool	Description	Responsibility
City / Project Website	Update City website and Sumner Connects with a link to the project website, highlight outreach events and dates, update the website to include project materials and summaries of outreach events as they are available.	COS
City Newsletter	Advertise upcoming outreach events, provide summary of project status.	COS
Community newsletters	Send outreach notices and other materials to community or organization newsletter(s) – as many as possible.	COS
Public notices / flyers	Post public notices and flyers at the park, businesses, organizations and other places within the community to advertise outreach events. Create a larger notice banner or board to post at each park highlighting the project with info to the project website.	COS
Email	Send notices to project email contact list and wider parks general email list. Direct emails to stakeholders and organizations to encourage partners to help spread the word and redistribute notices to their members/contacts.	COS
Social Media	Twitter Account Instagram Account Facebook Pages	COS
Media outlets	Provide public notices and flyers to media outlets – community specific and City-wide	COS

Schedule of Outreach and Involvement Activities

Providing a forum to support a community conversation about the Park Master Plans is critical to the success of this project. Just as important is ensuring that the conversation goes both ways – that people receive important information about the park and the ideas proposed; and that people are able

to convey their ideas and opinions for the parks.

The outreach activities proposed include methods and tools to convey information to the general public, ways for the public to provide comments on ideas presented, and opportunities for an open dialog, giving participants a platform for their voice to be heard.

Project Phase	Timing	Engagement Activities
1. Background and Analysis	*July-Aug*	**City Visioning Workshop:** Provide an overview of the background information and other research, initial impressions of the site, and the draft public involvement plan. Identify opportunities and constraints for the master plan and/or the planning process, including initial programming opportunities for the site. **User Group/Provider Questionnaire:** A survey for current and potential parks users and stakeholders will be created and distributed to understand types of uses, current participants, potential growth, and other relevant planning needs. **Boards/Commission Presentation:** Presentation for review and discussion. (COS) **Sumner City Council:** Presentation for review and discussion. (COS) **Media and Notices** (COS)
2. Vision and Programming	*Aug - Sept*	**Pop-Up Event #1:** Ryan Avenue Event. Provide exhibits and post card survey to gauge early programming interests for both parks. (COS) **On-Line Survey #1:** mirror the post card pop-up questions to gain larger city-wide input on initial programming ideas for the parks. (COS / HBB) **Public Meeting #1:** Introduce the project purpose, share initial impressions of the park, identify opportunities and constraints and listen to community ideas for park improvements. (COS / HBB) **Boards/Commission Presentation:** Presentation for review and discussion. (COS) **Sumner City Council:** Presentation for review and discussion. (COS) **Media and Notices** (COS)

3. Schematic Design	*Aug-Oct*	**Public Meeting #2:** Receive feedback on initial concepts for programming and activation of the parks, as well as any additional ideas for park improvements. Site plan concepts and photo examples will be used as the primary means for conveying programming and activation concepts. (COS / HBB) **On-Line Survey #2:** Test the initial concepts with a wider audience; receive feedback on concept alternatives; determine preferences or priorities for potential park improvements. (COS / HBB) **Pop-Up Event #2:** Event could be stand-alone or in tandem with other community events. An intercept survey could be prepared and conducted to match questions in the on-line survey. (COS) **Board/Commission Presentation:** Presentation for review and discussion. (COS / HBB) **Sumner City Council:** Presentation for review and discussion. (COS / HBB) **Media and Notices** (COS)
4. Implementation and Adoption	*Nov-Mar*	**Public Meeting #3:** Present preferred master plan concept for programming and activation of the parks. Project priorities and projected next steps will also be presented. Concept plans and other materials will be updated to reflect comments received in prior outreach events. (COS / HBB) **On-Line Survey #3:** Receive additional comments on the preferred master plan concepts and any priorities or next steps. (COS / HBB) **Pop-Up Event #3:** Event could be stand-alone or in tandem with other community events. An intercept survey could be prepared and conducted to match questions in the on-line survey. (COS) **Boards/Commissioners:** Presentation for review and discussion. (COS / HBB) **Sumner City Council:** Presentation for review and discussion. (COS / HBB) **Media and Notices** (COS)

Public meetings (on-line and/or in-person)

Audience: Open to the general public. Advertised to residents, visitors, and stakeholder groups / organizations. Flyers posted at the park, on the City's website, emailed to list of park users and interest groups. Emails and direct contact with underrepresented populations.

Method/Tools: In-person if possible, virital through City's Zoom if needed

On-line survey following the meeting to obtain feedback from a wider audience. Post video, materials and summary of the event to COS and/or project website. Make all comments and questions available as part of the meeting summary.

Special accommodations during meetings, including translation services, will be provided by COS as needed.

Surveys (on-line)

Audience: Same as Public Meetings above but additional focus to larger City-wide participation and participation from individuals or groups who are traditionally marginalized or underserved and need to have their voices heard. Direct outreach to organizations and groups representing marginalized or underserved populations.

Methods/Tools – Online survey platform with the following features:

- Graphics integrated with questions where needed
- Demographic questions to better analyze the responses and gauge responses from target communities

Post analysis of survey responses, including all survey data and demographics of survey participants, to COS and/or project website.

COVID / Safety Response

All outreach events open to the public will be held through a virtual platform on-line until restrictions on social gatherings are lifted and it is safe to gather again.

Pop-up events will be developed to ensure 6-foot distance at all times and wearing facial coverings. Extra masks will be on-hand for any members of the public who do not already have one. Additional safety protocols will be developed case by case basis.

On-site walks with stakeholders will include all recommended safety precautions and be limited to a group size per the requirements from the city at the time of the event.

APPENDIX C

Environmental Analysis

Wetland Delineation Report:
Seibenthaler Park and Bennett Property Sites

Sumner Parks Master Plans
City of Sumner, Washington

for
Hough Beck & Baird, Inc.

October 11, 2021

DRAFT

GeoEngineers

1101 South Fawcett Avenue, Suite 200
Tacoma, Washington 98402
253.383.4940

Wetland Delineation Report: Seibenthaler Park and Bennett Property Sites

Sumner Parks Master Plans City of Sumner, Washington

File No. 0588-016-00

October 11, 2021

Prepared for:

Hough Beck & Baird, Inc.
2101 Fourth Avenue, Suite 1800
Seattle, Washington 98121

Attention: Juliet Vong

Prepared by:

GeoEngineers, Inc.
1101 South Fawcett Avenue, Suite 200
Tacoma, Washington 98402
253.383.4940

Courtney M. Stoker
Biologist

David B. Conlin, PWS
Senior Biologist

Joseph O. Callaghan, PWS
Principal Biologist

CMS:DBC:JOC:tlm

Disclaimer: Any electronic form, facsimile or hard copy of the original document (email, text, table, and/or figure), if provided, and any attachments are only a copy of the original document. The original document is stored by GeoEngineers, Inc. and will serve as the official document of record.

DRAFT

Table of Contents

1.0 INTRODUCTION 1

1.1. Project Locations and Site Descriptions 1
1.1.1. Seibenthaler Park 1
1.1.2. Bennett Property 1

2.0 DATA REVIEW 2

2.1. Seibenthaler Park 2
2.2. Bennett Property 3

3.0 WETLAND DELINEATION 4

3.1. Field Assessment Methods 4
3.2. Field Assessment Results 4
3.2.1. Seibenthaler Park 4
3.2.1. Bennett Property 7

4.0 SUMMARY 8

5.0 LIMITATIONS 8

6.0 REFERENCES 9

LIST OF FIGURES

Figure 1. Vicinity Map
Figure 2.1. Seibenthaler Park Wetland Delineation
Figure 2.2. Bennett Property Wetland Delineation

APPENDICES

Appendix A-1. Site Photographs – Seibenthaler Park
Appendix A-2. Site Photographs – Bennett Property
Appendix B-1. Seibenthaler Park Data Review Results
Appendix B-2. Bennett Property Data Review Results
Appendix C. Wetland Rating Forms
Appendix D-1. Seibenthaler Park Sample Plot Data Forms
Appendix D-2. Bennett Property Sample Plot Data Forms

DRAFT

1.0 INTRODUCTION

GeoEngineers, Inc. (GeoEngineers) was contracted by Hough Beck & Baird, Inc. (HBB) to perform wetland delineation services for the City of Sumner (City) Park Master Plans for an expansion of Seibenthaler Park and the creation of a new park, referred to as the Bennett Property, both in Pierce County, Washington (Figure 1, Vicinity Map). The City intends to develop an overall master plan for each park location. The master planning process will generally include a review and analysis of the existing site, public engagement to gather input and feedback on proposed master plan concepts, cost estimates of the preferred and final master plans, and associated phasing and funding strategies. This report is intended to provide baseline wetland and critical areas assessment data for each park site in accordance with Sumner Municipal Code (SMC) Title 16, Division III – Natural Resource Lands and Critical Areas, with particular focus on Chapter 16.46 – Wetlands Protection and Chapter 16.56 – Wildlife Habitat Area (City of Sumner 2021).

1.1. Project Locations and Site Descriptions

1.1.1. Seibenthaler Park

Seibenthaler Park is located at 1602 Bonney Avenue in Sumner, Washington (see Figure 1). It is within Section 42, Township 20 north, Range 04 east in Water Resource Inventory Area (WRIA) 10 – Puyallup/White. The area of assessment includes the current Seibenthaler Park as well as two undeveloped parcels adjacent to the park to the west (Tax Parcel No.'s 3090000023 and 3090000022) onto which the park will be expanded as part of the Master Plan. This assessment primarily focused on the two undeveloped parcels as there are no critical areas within the existing developed portion of the park.

Seibenthaler Park contains open space, a fenced dog park, park facilities- and two adjoining undeveloped parcels. The open space and dog park consist of mowed turf grass, with a cluster of Douglas fir (*Pseudotsuga menziesii*) trees on the northern perimeter. The two adjoining undeveloped parcels consist of invasive and native shrub and herbaceous vegetation as well as the remnants of a former structure foundation. The site is bordered by Bonney Avenue to the east, 16th Street to the south, Elm Street to the north and single-family residences to the west. Site Photographs are included in Appendix A-1, Site Photographs - Seibenthaler Park.

1.1.2. Bennett Property

The Bennett Property is located at 4811 East Valley Highway in Sumner Washington (Figure 1). It is within Section 41, Township 20 north, Range 05 east in WRIA 10 – Puyallup/White. The area of assessment consisted of the entirety of Tax Parcel No. 0520192006.

The Bennett Property consists primarily of an open field of grasses that appears to have been maintained by regular but infrequent mowing. Two small patches of shrubs and small trees were present in the northern central area of the parcel, surrounded completely by field grass. The perimeter of the property consists of Himalayan blackberry (*Rubus armeniacus*), Douglas fir and various non-native shrubs typical of landscaped areas. The site is bordered by single-family residences on all sides, with a small-scale agriculture field also bordering a portion of the southern property line. Representative site photographs are included in Appendix A-2, Site Photographs – Bennett Property.

DRAFT

2.0 DATA REVIEW

Environmental maps of the project site were collected and reviewed as part of a paper inventory. Our search for published background data included review of the following sources. Data and maps compiled during this review are included in Appendix B-1, Seibenthaler Park Data Review Results and Appendix B-2, Bennett Property Data Review Results.

- City of Sumner, Washington Web Map (City of Sumner 2021);
- United States Department of Agriculture – National Resource Conservation Service (USDA-NRCS) State Soil Data Access (SDA) Hydric Soils List (USDA-NRCS 2021a);
- USDA - NRCS Web Soil Survey (USDA-NRCS 2021b);
- United States Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) Wetlands Mapper (USFWS 2021);
- Washington Department of Fish and Wildlife (WDFW) Priority Habitat and Species (PHS) interactive mapping (WDFW 2021);
- Washington State Department of Natural Resources (DNR) Forest Practices Application Review System (FPARS) (DNR 2021a); and
- Washington State Department of Natural Resources (DNR) National Heritage Program (WNHP), Washington Wetlands of High Conservation Value (DNR 2021b).

2.1. Seibenthaler Park

The following review data are applicable to SMC 16.46 – Wetlands Protection:

- The USFWS NWI online mapper depicts no wetland or stream habitat within the Seibenthaler Park assessment area.
- The USDA-NRCS Web Soil Survey shows two soil types within the project site: Sultan silt loam and Briscot loam. Sultan silt loam and Briscot loam are both listed as hydric soils on the NRCS Hydric Soils List.
- The City of Sumner, Washington Web Map shows no wetlands or streams within Seibenthaler Park. The online mapper also shows the assessment area to be outside the jurisdiction of the Shoreline Master Program for the City of Sumner.
- The Washington DNR Natural Heritage Program shows no known wetlands of high conservation value within the area of assessment.

The following review data are applicable to SMC 16.56 – Wildlife Habitat Areas:

- The Washington DNR Natural Heritage Program shows no rare plant species within the area of assessment.
- The WDFW PHS report shows no priority habitats within a 300-foot boundary of the Seibenthaler Park assessment area.
- FPARS shows no streams mapped within the area.

DRAFT

An additional limited review of background data was conducted to address the remaining items listed under Division III – Natural Resource Lands and Critical Areas in SMC Title 16. These items largely fall outside the scope of this report but may need to be considered during the master planning process.

- The City of Sumner, Washington Web Map shows the Seibenthaler Park assessment area contains no mineral resources lands, erosion hazard areas or landslide hazard areas.
- The assessment area is within a mapped aquifer recharge area with high seismic hazard ratings.
- Seibenthaler Park is also within a volcanic hazard zone, time travel zone C.

2.2. Bennett Property

The following review data are applicable to SMC 16.46 – Wetlands Protection:

- The USFWS NWI online mapper depicts no wetland or stream habitat within the Bennett Property assessment area.
- The USDA-NRCS Web Soil Survey shows two soil types within the project site: Sultan silt loam and Briscot loam. Sultan silt loam and Briscot loam are both listed as hydric soils on the NRCS Hydric Soils List.
- The City of Sumner, Washington Web Map shows one wetland within the Bennett property boundary, and no streams. The online mapper also shows the assessment area to be outside the jurisdiction of the Shoreline Master Program for the City of Sumner.
- The WDFW PHS report shows no wetlands within the Bennett Property but maps a small freshwater forested/shrub wetland approximately 300 feet to the east. The site would be well outside the buffer associated with this potential off-site wetland area.
- The Washington DNR Natural Heritage Program shows no known wetlands of high conservation value within the area of assessment.

The following review data are applicable to SMC 16.56 – Wildlife Habitat Areas:

- The Washington DNR Natural Heritage Program shows no rare plant species within the area of assessment.
- The WDFW PHS report does not show any other priority habitats, other than the wetland described above, within a 300-foot boundary of the Bennett Property.
- FPARS shows no streams mapped within the area.

An additional limited review of background data was conducted to address the remaining items listed under Division III – Natural Resource Lands and Critical Areas in SMC Title 16. These items largely fall outside the scope of this report but may need to be considered during the master planning process.

- The City of Sumner, Washington Web Map shows the area of assessment contains no mineral resources lands, erosion hazard areas or landslide hazard areas.
- The assessment area is within a mapped aquifer recharge area with high seismic hazard ratings.
- The Bennett Property is also within a volcanic hazard zone, time travel zone C.

DRAFT

3.0 WETLAND DELINEATION

3.1. Field Assessment Methods

Two GeoEngineers' biologists conducted a field assessment on July 26, 2021, at each of the two sites. An "assessment area" was identified based on property ownership and was defined by tax parcel lines, which are shown on Figure 2.1, Seibenthaler Park Wetland Delineation and Figure 2.2, Bennett Property Wetland Delineation. GeoEngineers characterized and delineated wetland features within each assessment area. A photographic record was collected during the field visit to document existing site conditions and is included in Appendices A-1 and A-2.

The delineation of aquatic critical areas (wetlands and streams) was conducted in accordance with guidelines presented in SMC 16.46 – Wetlands Protection and SMC 16.56 – Wildlife Habitat Areas. The wetland delineation was conducted in accordance with SMC 16.45.070, the U.S. Army Corps of Engineers (USACE) *Wetlands Delineation Manual* (Environmental Laboratory 1987), and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region* (USACE 2010). The ordinary high water mark (OHWM) of potential streams was evaluated by examining breaks in the topography, drift lines and signs of water marks, according to USACE protocol as referenced from Regulatory Guidance Letter (No. 05-05), Ordinary High-Water Mark Identification, December 7, 2005, (Riley 2005) and according to the Washington State Department of Ecology (Ecology) 2016 guidance (Anderson et al. 2016). The Washington Administrative Code (WAC) was also referenced for the definition of OHWM (WAC 173-22-030 § 11).

Each delineated wetland was rated as a separate unit using the 2014 Washington State Wetland Rating System for Western Washington (Hruby 2014) as specified in SMC 16.46.070 – Wetland rating, and buffer widths were identified based on SMC 16.46.150 – Buffer requirements. Rating forms for each wetland are provided in Appendix C, Wetland Rating Forms. GeoEngineers placed survey flags in the field marking wetland jurisdictional boundaries, which were subsequently surveyed by others.

3.2. Field Assessment Results

GeoEngineers documented occurrences of wetlands within the assessment area of each park site during the field reconnaissance. No streams were identified at the sites. The results are illustrated in Figures 2.1 and 2.2 and summarized below and in Tables 1 through 3.

3.2.1. Seibenthaler Park

GeoEngineers identified two wetlands (Wetlands A and B) within the Seibenthaler Park assessment area. To make wetland identifications, a total of four formal data sample plots were established within the assessment area, as shown on Figure 2-1. Sample plot data forms for the Seibenthaler Park site are presented in Appendix D-1, Seibenthaler Park Sample Plot Data Forms.

Wetland A is an approximate 0.07-acre depressional wetland containing emergent and scrub-shrub vegetation classes. Wetland A received a Category III rating with three habitat points on the Ecology rating form, requiring an 80-foot standard buffer according to the SMC. Dominate vegetation within Wetland A consists of reed canarygrass (*Phalaris arundinacea*), horsetail (*Equisetum arvense*), sitka willow (*Salix sitchensis*) and cottonwood (*Populus balsamifera*) saplings. Additional details are presented in Table 1, below.

DRAFT

Wetland B is an 0.008-acre depressional emergent wetland. Wetland B received a Category III rating with three habitat points on the Ecology rating form, requiring an 80-foot standard buffer according to the SMC. Dominant vegetation within the wetland consists of horsetail, reed canarygrass and Himalayan blackberry. Additional information is present in Table 2, below.

TABLE 1. WETLAND A

General Information		
Location	Within the southern undeveloped parcel adjoining Seibenthaler Park	
WRIA	10 – Puyallup-White	
Local Jurisdiction	City of Sumner	
Rating	III[1]	
Buffer Width	80 feet[2]	
Size	Approximately 0.07 acre	
Cowardin Class	Palustrine Scrub-Shrub and Emergent	
HGM Class	Depressional	
Description Summary		
Vegetation	**Herbaceous:** Reed canarygrass (*Phalaris arundinacea*), horsetail (*Equisetum arvense*), Himalayan blackberry (*Rubus armeniacus*), common rush (*Juncus effusus*), creeping buttercup (*Ranunculus repens*), morning glory (*Convolvulus repens*) **Scrub- shrub:** Sitka willow (*Salix sitchensis*), cottonwood (*Populus balsamifera*)	
Soils	Meets criteria for hydric soil indicator Depleted Matrix (F3)	
Hydrology	**Indicators:** Facultative (FAC)-Neutral test (D5) and Geomorphic Position (D2). **Source:** Direct precipitation and groundwater.	
Western Washington Wetland Rating Functions Summary (Appendix D-1 - 16 points total)		
Water Quality	**7 points:** The wetland has no outlet. More than 95 percent of the wetland area is dominated by persistent un-grazed vegetation. The area around the wetland generates pollutants and is in a basin with 303(d) listed waters and a water quality plan.	
Hydrologic	**6 points:** Wetland has no outlet and ponding less than ½-foot-deep. The area of the basin is 10 to 100 times the size of the unit. The wetland is in an area with excessive runoff and intensive human land uses with flooding problems in a basin further down gradient.	
Habitat	**3 points:** Two vegetation communities (scrub-shrub and emergent) with a single hydroperiod. The wetland has low habitat interspersion and no special habitat features. The wetland is in a 1 kilometer (km) area dominated by high intensity land uses.	
Buffer Condition	The buffer is in a residential area with single-family homes and a park with mowed grasses.	

Notes:
1. Wetland rating in accordance with Washington State Wetlands Rating System for Western Washington (Hruby 2014).
2. Based on the table in the SMC 16.46.150 along with a habitat score from the 2014 Ecology wetland rating form (Hruby 2014). Buffers can be reduced if minimization measures are applied (SMC 16.46.150 Section A, Table 2). The final buffer width is subject to approval by the jurisdictional authority.

DRAFT

TABLE 2. WETLAND B

General Information		
Location	Within the northern undeveloped parcel adjoining Seibenthaler Park	
WRIA	10 – Puyallup-White	
Local Jurisdiction	City of Sumner	
Rating	III[1]	
Buffer Width	80 feet[2]	
Size	Approximately 0.008 acre	
Cowardin Class	Palustrine Emergent	
HGM Class	Depressional	
Description Summary		
Vegetation	**Herbaceous:** Horsetail (*Equisetum arvense*), Reed canarygrass (*Phalaris arundinacea*), Himalayan blackberry (*Rubus armeniacus*), morning glory (*Convolvulus repens*), Canada thistle (*Cirsium arvense*)	
Soils	Meets criteria for hydric soil indicator Depleted Matrix (F3)	
Hydrology	**Indicators:** FAC-Neutral Test (D5), and Geomorphic Position (D2). **Source:** Direct precipitation and groundwater.	
Western Washington Wetland Rating Functions Summary (Appendix D-1 - 16 points total)		
Water Quality	**7 points:** The wetland has no outlet. More than 95 percent of the wetland area is dominated by persistent un-grazed vegetation. The area around the wetland generates pollutants and is in a basin with 303(d) listed waters and a water quality plan.	
Hydrologic	**6 points:** Wetland has no outlet and ponding less than ½-foot-deep. The area of the basin is 10 to 100 times the size of the unit. The wetland is in an area with excessive runoff and intensive human land uses with flooding problems in a basin further down gradient.	
Habitat	**3 points:** The wetland consists of one vegetation community (emergent) with a single hydroperiod (saturated only). The wetland has no habitat interspersion and no special habitat features. The wetland is in a 1 km area dominated by high intensity land uses.	
Buffer Condition	The buffer is in a residential area with single-family homes and a park with mowed grasses.	

Notes:
1. Wetland rating in accordance with Washington State Wetlands Rating System for Western Washington (Hruby 2014).
2. Based on the table in the SMC 16.46.150 along with a habitat score from the 2014 Ecology wetland rating form (Hruby 2014). Buffers can be reduced if minimization measures are applied (SMC 16.46.150 Section A, Table 2). The final buffer width is subject to approval by the jurisdictional authority.

DRAFT

3.2.1. Bennett Property

GeoEngineers identified one wetland unit (Wetland C) within the Bennett Property assessment area. To make wetland identifications, a total of three formal data sample plots were established within the assessment area, as shown on Figure 2-2. Sample plot data forms are presented in Appendix D-2, Bennett Property Sample Plot Data Forms.

TABLE 3. WETLAND C

General Information		
Location	Western portion of Bennett Property parcel	
WRIA	10 – Puyallup-White	
Local Jurisdiction	City of Sumner	
Rating	IV[1]	
Buffer Width	50 feet[2]	
Size	Approximately 0.23 acre	
Cowardin Class	Palustrine Emergent	
HGM Class	Depressional	
Description Summary		
Vegetation	**Herbaceous:** Mowed grasses, reed canarygrass (*Phalaris arundinacea*), meadow foxtail (*Alopecurus pratensis*), velvet grass (*Holcus lanatus*)	
Soils	Meets criteria for hydric soil indicator Depleted Matrix (F3)	
Hydrology	**Indicators:** Saturation Visible on Aerial Imagery (C9) and Geomorphic Position (D2) **Source:** Direct precipitation and groundwater.	
Western Washington Wetland Rating Functions Summary (Appendix D-2 - 15 points total)		
Water Quality	**6 points:** The wetland has no outlet. The area around the wetland generates pollutants and is in a basin with 303(d) listed waters and a water quality plan.	
Hydrologic	**6 points:** Wetland has no outlet and ponding less than ½-foot-deep. The area of the basin is 10 to 100 times the size of the unit. The wetland is in an area with excessive runoff and intensive human land uses with flooding problems in a basin further down gradient.	
Habitat	**3 points:** The wetland consists of one vegetation community (emergent) with a single hydroperiod (saturated only). The wetland has no habitat interspersion and moderate plant species richness. Less than 25 percent of the wetland unit is covered with invasive plant species. The wetland is in a 1 km area dominated by high intensity land uses.	
Buffer Condition	The buffer consists of single-family homes, and a field of irregularly mowed grasses.	

Notes:
1. Wetland rating in accordance with Washington State Wetlands Rating System for Western Washington (Hruby 2014).
2. Based on the table in the SMC 16.46.150 along with a habitat score from the 2014 Ecology wetland rating form (Hruby 2014). Buffers can be reduced if minimization measures are applied (SMC 16.46.150 Section A, Table 2). The final buffer width is subject to approval by the jurisdictional authority.

DRAFT

Wetland C is an approximately 0.23-acre depressional emergent wetland. Wetland C received a Category IV rating with three habitat points on the Ecology rating form, requiring a 50-foot standard buffer according to the SMC. Dominate vegetation within Wetland C consists of native and invasive grasses. Most of this herbaceous vegetation was not identified to species level due to lack of flowers and other distinguishing characteristics during the season in which our fieldwork was completed. Reed canarygrass, meadow foxtail (*Alopecurus pratensis*), and velvet grass (*Holcus lanatus*) were positively identified within the wetland boundary. The delineation of Wetland C predominately relied on the identification of hydric soil conditions due to lack of identifiable vegetation. Additional information is presented in Table 3, above.

4.0 SUMMARY

GeoEngineers conducted a critical areas assessment for the City of Sumner Park Master Planning process for Seibenthaler Park and a new park site known as the Bennett Property. This report is intended to provide baseline critical areas (wetlands, streams and wildlife habitat area) data in support of the master planning process. Two Category III wetlands (Wetlands A and B at the Seibenthaler Park site) and one Category IV wetland (Wetland C on the Bennett Property) were identified and delineated during the field investigation. No stream habitat or other wildlife habitats as defined in SMC 16.56 were identified within either assessment area.

Wetlands A and B are anticipated to require an 80-foot standard buffer and Wetland C is anticipated to require a 50-foot standard buffer. All wetland buffer widths are subject to final approval by the jurisdictional authority. Buffer widths may also be reduced upon the successful implementation of all minimization measures listed in SMC 16.46.150 Section A, Table 2. Category III (80-foot) buffers can be reduced to 60 feet and Category IV (50-foot) buffers can be reduced to 40 feet in accordance with these provisions.

GeoEngineers did not conduct a Jurisdictional Determination for the wetlands identified in this report. A permit from the USACE under Section 404 of the Clean Water Act may be required if wetland habitat is determined by USACE to be jurisdictional and is filled or otherwise disturbed as a result of the project. It also may not be feasible for this project to avoid wetland buffers. To meet the mitigation sequencing standard of avoid, minimize then mitigate, development should occur as far as possible from wetland boundaries to minimize wetland impacts. During development of project plans, wetland and wetland buffer impacts should be assessed and mitigation sequencing (i.e., avoidance, minimization and mitigation) should be applied. Project designs and a wetland mitigation plan and/or habitat management plan may be needed in support of permit submittals.

5.0 LIMITATIONS

GeoEngineers has prepared this Wetland Delineation Report in general accordance with the scope and limitations of our proposal. Within the limitations of scope, schedule and budget, our services have been executed in accordance with the generally accepted practices for wetland delineation in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

This report has been prepared for the exclusive use of the City of Sumner, Hough Beck & Baird, Inc., authorized agents and regulatory agencies following the described methods and information available at the time of the work. No other party may rely on the product of our services unless we agree in advance to

DRAFT

such reliance in writing. The information contained herein should not be applied for any purpose or project except the one originally contemplated.

The applicant is advised to contact all appropriate regulatory agencies (local, state and federal) prior to design or construction of any development to obtain necessary permits and approvals.

6.0 REFERENCES

Anderson, Paul, S. Meyer, P. Olson and E. Stockdale. 2016. Determining the Ordinary High Water mark for Shoreline Management Act Compliance in Washington State. Washington State Department of Ecology Publication No. 16-06-029. Available at: https://fortress.wa.gov/ecy/publications/documents/1606029.pdf.

City of Sumner. 2021. City of Sumner, WA Web Map. Available at: https://city-of-sumner.maps.arcgis.com/apps/webappviewer/index.html?id=4095c816e4274270a846ae03cf8cf45a

Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1, U.S. Army Engineer Waterways Experiment Station, Vicksburg, Mississippi.

Hruby, T. 2014. Washington State Wetland Rating System for Western Washington: 2014 Update. Washington State Department of Ecology Publication No. 14-06-029. Olympia, Washington.

Riley, Don T. 2005. Ordinary High Water Mark Identification. United States Army Corps of Engineers (USACE), Regulatory Guidance Letter, No. 05-05.

Sumner Municipal Code (SMC). Title 16 Environment, Division III – Natural Resource Lands and Critical Areas. Available at: https://www.codepublishing.com/WA/Sumner/#!/Sumner16/Sumner16.html

United States Army Corps of Engineers (USACE). 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region, ed. J.S. Wakeley, R. W. Lichvar, and C.V. Noble. ERDC/EL TR-10-3. U.S. Army Engineer Research and Development Center, Vicksburg, Mississippi.

United States Department of Agriculture – National Resource Conservation Service (USDA-NRCS). 2021a. National Hydric Soils List by State. Available at: https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcseprd1316620.html

United States Department of Agriculture – National Resource Conservation Service (USDA-NRCS). 2021b. Web Soil Survey. Available at: http://websoilsurvey.nrcs.usda.gov/app/.

United States Fish and Wildlife Service (USFWS). 2021. National Wetlands Mapper (NWI). Available at: http://www.fws.gov/wetlands/Data/mapper.html.

Washington Department of Fish and Wildlife (WDFW). 2021. Priority Habitats and Species (PHS) on the Web. Available at: http://wdfw.wa.gov/mapping/phs/.

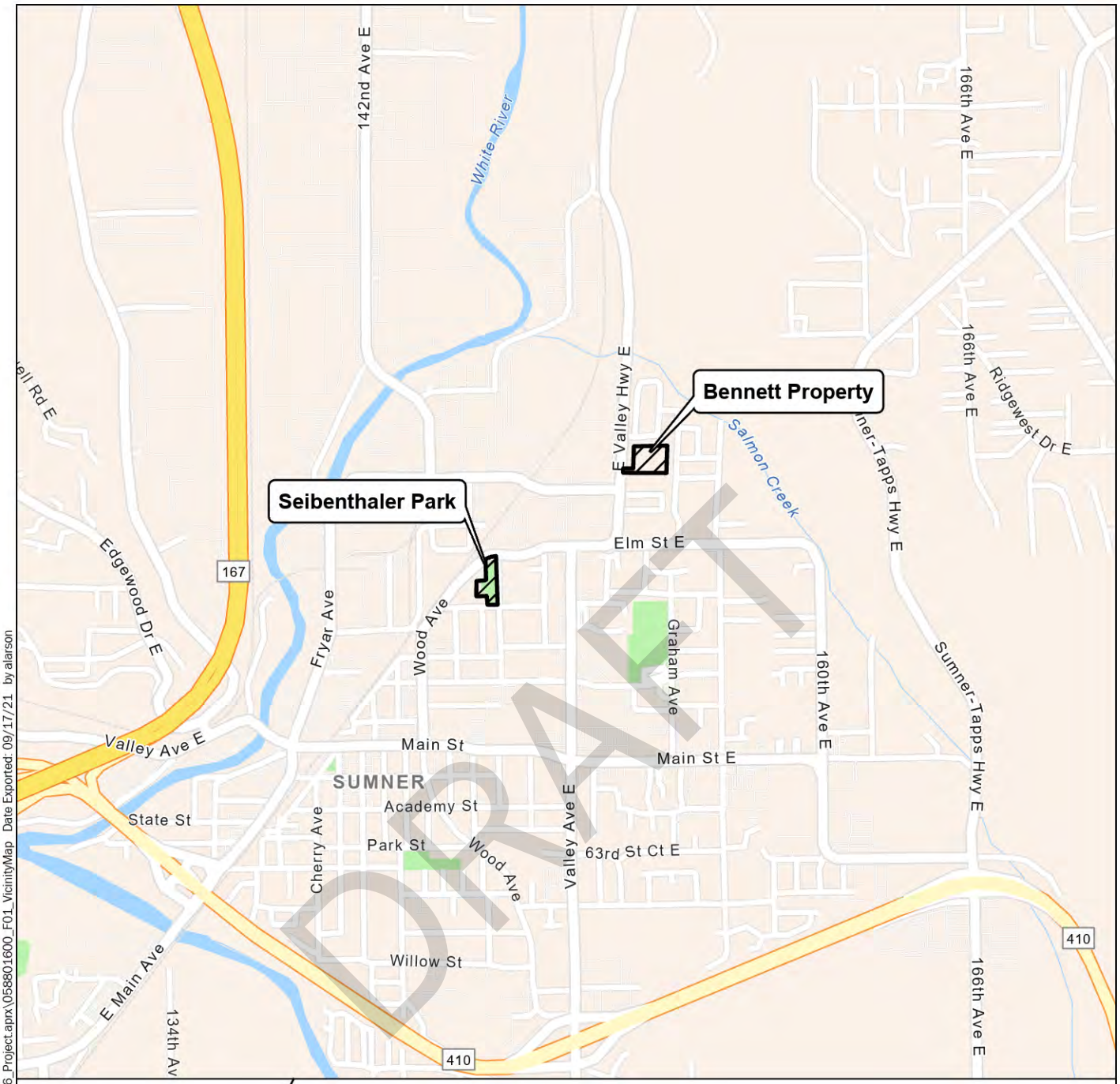
DRAFT

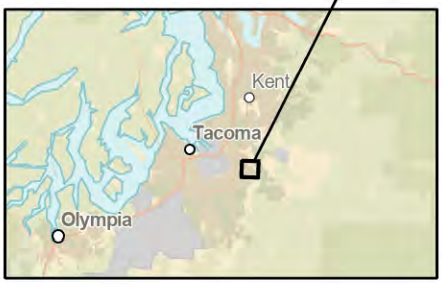
Washington State Administrative Code. 2007. WAC 173-22-030. Definitions. Available at: http://apps.leg.wa.gov/WAC/default.aspx?cite=173-22-030.

Washington State Department of Natural Resources (DNR). 2021a. Forest Practices Application Review System (FPARS) Mapping Application. Available at: https://fpamt.dnr.wa.gov/default.aspx

Washington State Department of Natural Resources (DNR). 2021b. Washington DNR Natural Heritage Program (WNHP). WA Wetlands of High Conservation Value. Available at: https://wadnr.maps.arcgis.com/apps/webappviewer/index.html?id=5cf9e5b22f584ad7a4e2aebc63c47bda.

DRAFT





N
W E
S

2,000 0 2,000
Feet

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: ESRI

Projection: NAD 1983 UTM Zone 10N

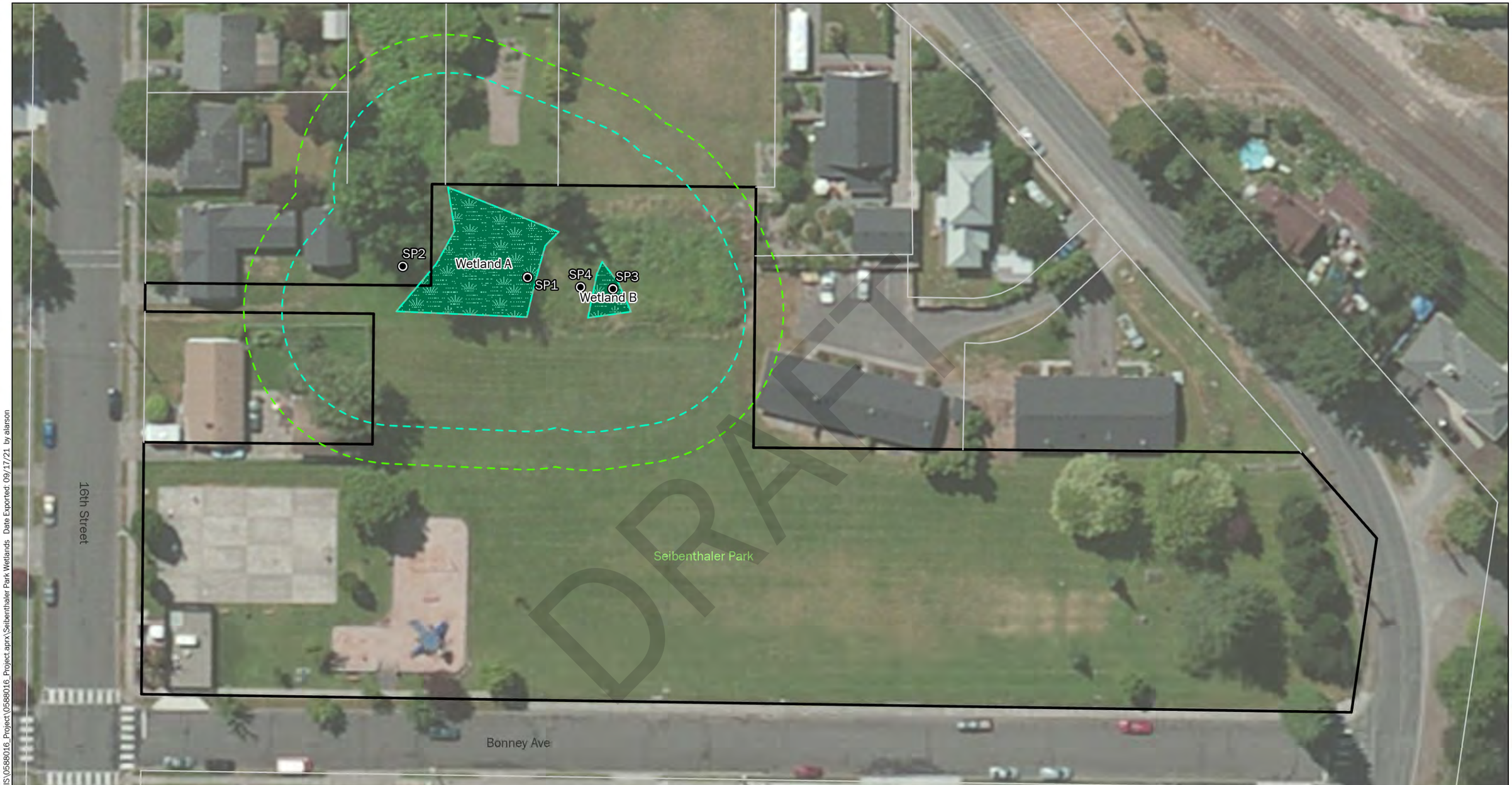
Vicinity Map

Sumner Parks Master Plan
Sumner, Washington

GeoEngineers

Figure 1

\\geoengineers.com\WAN\Projects\0\0588016\GIS\0588016_Project\0588016_Project.aprx\058801600_F01_VicinityMap Date Exported: 09/17/21 by alarson



Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

Projection: NAD 1983 StatePlane Washington South FIPS 4602 Feet

Legend
- Sample Plot Location
- Delineated Wetland
- Reduced Wetland Buffer
- Standard Wetland Buffer
- Site Boundary

W S N E

50 0 50
Feet

Seibenthaler Park Wetland Delineation

Sumner Parks Master Plan
Sumner, Washington

GeoEngineers

Figure 2.1

\\geoengineers.com\WAN\Projects\0\0588016\GIS\0588016_Project\0588016_Project.aprx\Seibenthaler Park Wetlands Date Exported: 09/17/21 by alatson

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

Projection: NAD 1983 StatePlane Washington South FIPS 4602 Feet

Legend
- Sample Plot Location
- Delineated Wetland
- Reduced Wetland Buffer
- Standard Wetland Buffer
- Bennett Property Boundary

N W E S

60 0 60
Feet

Bennett Property Wetland Delineation

Sumner Parks Master Plan
Sumner, Washington

GeoEngineers

Figure 2.2

\\geoengineers.com\WAN\Projects\0\0588016\GIS\0588016_Project\0588016_Project.aprx\F02-2_BennettPropertyWetland Date Exported: 09/15/21 by alarson

APPENDIX A-1
Site Photographs – Seibenthaler Park

DRAFT

Photograph 1. Seibenthaler Park (left) and the adjacent undeveloped parcels (right).

Photograph 2. Typical vegetation within and surrounding Wetland B; Seibenthaler Park in the background.

Photograph 3. Typical vegetation in the southern undeveloped parcel, looking south toward Seibenthaler Wetland A.

Photograph 4. Typical upland vegetation within the undeveloped parcels.

DRAFT

Site Photographs – Seibenthaler Park	
Sumner Parks Master Plan Sumner, Washington	
GeoEngineers	Figure A-1.1

00588-016-00 Date Exported: 08/23/2021

APPENDIX A-2
Site Photographs – Bennett Property

DRAFT

Photograph 1. Bennett property looking northeast from the property entrance from Valley Highway East.

Photograph 2. Bennett property looking west across the site showing recently mowed grasses.

Photograph 3. Typical vegetation conditions of the eastern property boundary with mowed grasses in the foreground and landscaped trees in the background.

Photograph 4. Typical vegetation conditions of Wetland C and the surrounding buffer.

DRAFT

Site Photographs – Bennett Property	
Sumner Parks Master Plan Sumner, Washington	
GeoEngineers	Figure A-2.1

00588-016-00 Date Exported: 08/23/2021

APPENDIX B-1
Seibenthaler Park Data Review Results

DRAFT

U.S. Fish and Wildlife Service

National Wetlands Inventory

Seibenthaler Park

September 1, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Priority Habitats and Species on the Web

Buffer radius: 300 Feet

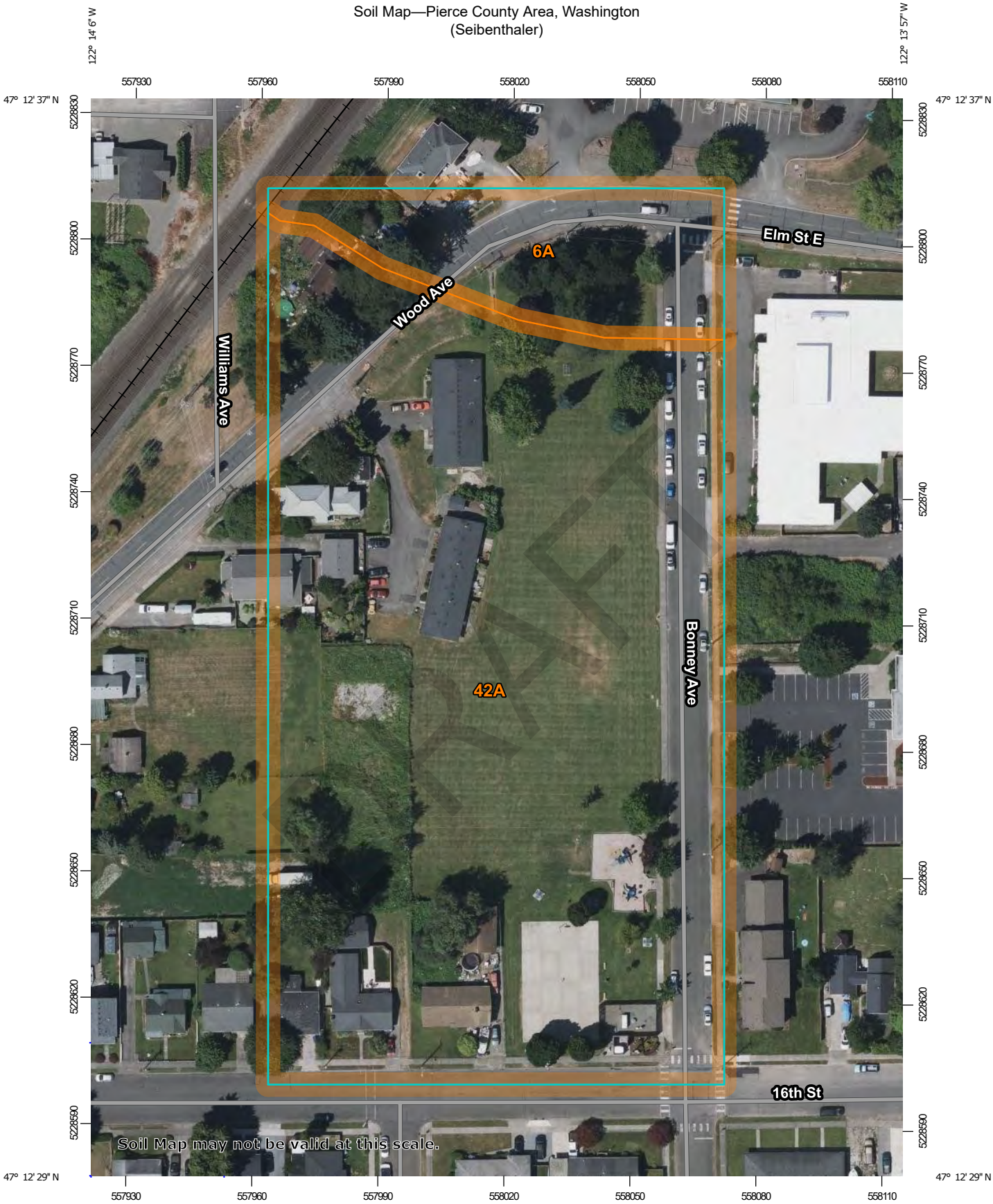
Report Date: 09/02/2021

The Priority Habitats and Species (PHS) datasets do not contain information for your project area. This does not mean that species and habitats do not occur in your project area. PHS data, points, lines and polygons are mapped only when occurrences of these species or habitats have been observed in the field. Unfortunately, we have not been able to comprehensively survey all sections in the state and therefore, it is important to note that priority species and habitats may occur in areas not currently known to the Department.

DISCLAIMER. This report includes information that the Washington Department of Fish and Wildlife (WDFW) maintains in a central computer database. It is not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife. This information only documents the location of fish and wildlife resources to the best of our knowledge. It is not a complete inventory and it is important to note that fish and wildlife resources may occur in areas not currently known to WDFW biologists, or in areas for which comprehensive surveys have not been conducted. Site specific surveys are frequently necesssary to rule out the presence of priority resources. Locations of fish and wildlife resources are subject to variation caused by disturbance, changes in season and weather, and other factors. WDFW does not recommend using reports more than six months old.

DRAFT

Soil Map—Pierce County Area, Washington
(Seibenthaler)



Map Scale: 1:1,250 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 15 30 60 90

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons

Soil Map Unit Lines

Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

Spoil Area

Stony Spot

Very Stony Spot

Wet Spot

Other

Special Line Features

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Pierce County Area, Washington
Survey Area Data: Version 16, Jun 4, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 16, 2020—Aug 5, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

DRAFT

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
6A	Briscot loam	0.7	12.2%
42A	Sultan silt loam	5.0	87.8%
Totals for Area of Interest		**5.7**	**100.0%**

DRAFT

Pierce County Area, Washington

6A—Briscot loam

Map Unit Setting

National map unit symbol: 2hrc
Elevation: 20 to 250 feet
Mean annual precipitation: 30 to 55 inches
Mean annual air temperature: 48 to 50 degrees F
Frost-free period: 160 to 210 days
Farmland classification: Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

Map Unit Composition

Briscot and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Briscot

Setting

Landform: Flood plains
Parent material: Alluvium

Typical profile

H1 - 0 to 11 inches: loam
H2 - 11 to 38 inches: stratified fine sand to silt loam
H3 - 38 to 60 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 12 to 24 inches
Frequency of flooding: NoneFrequent
Frequency of ponding: None
Available water capacity: High (about 11.4 inches)

Interpretive groups

Land capability classification (irrigated): 4w
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: B/D
Forage suitability group: Seasonally Wet Soils (G002XN202WA)
Other vegetative classification: Seasonally Wet Soils (G002XN202WA)

DRAFT

Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Pierce County Area, Washington
Survey Area Data: Version 16, Jun 4, 2020

DRAFT

Pierce County Area, Washington

42A—Sultan silt loam

Map Unit Setting

National map unit symbol: 2hqx
Elevation: 0 to 200 feet
Mean annual precipitation: 35 to 55 inches
Mean annual air temperature: 50 degrees F
Frost-free period: 150 to 200 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Sultan and similar soils: 85 percent
Minor components: 8 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Sultan

Setting

Landform: Flood plains
Parent material: Alluvium

Typical profile

H1 - 0 to 14 inches: ashy silt loam
H2 - 14 to 23 inches: silt loam
H3 - 23 to 60 inches: stratified sand to silty clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: About 18 to 24 inches
Frequency of flooding: OccasionalNone
Frequency of ponding: None
Available water capacity: High (about 9.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: C/D
Forage suitability group: Seasonally Wet Soils (G002XN202WA)
Other vegetative classification: Seasonally Wet Soils (G002XN202WA)
Hydric soil rating: No

Minor Components

Briscot

Percent of map unit: 6 percent

DRAFT

Landform: Depressions
Hydric soil rating: Yes

Puget
Percent of map unit: 2 percent
Landform: Depressions
Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Pierce County Area, Washington
Survey Area Data: Version 16, Jun 4, 2020

DRAFT

APPENDIX B-2
Bennett Property Data Review Results

DRAFT

U.S. Fish and Wildlife Service
National Wetlands Inventory

Bennett Property

September 1, 2021

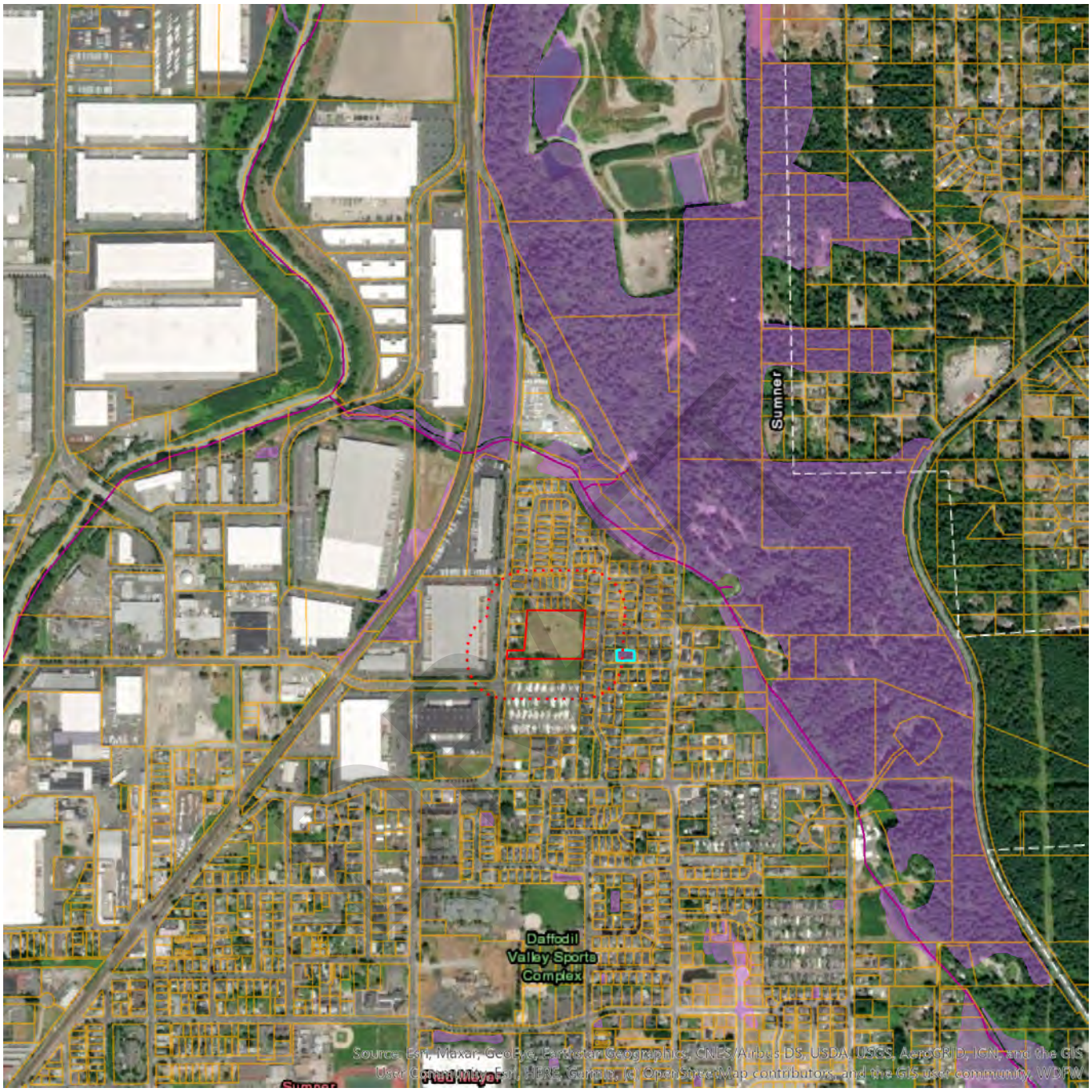
Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Priority Habitats and Species on the Web



Buffer radius: 300 Feet

Report Date: 09/02/2021, Parcel ID: 0520192006

PHS Species/Habitats Overview:

Occurence Name	Federal Status	State Status	Generalized Location
Freshwater Forested/Shrub Wetland	N/A	N/A	No

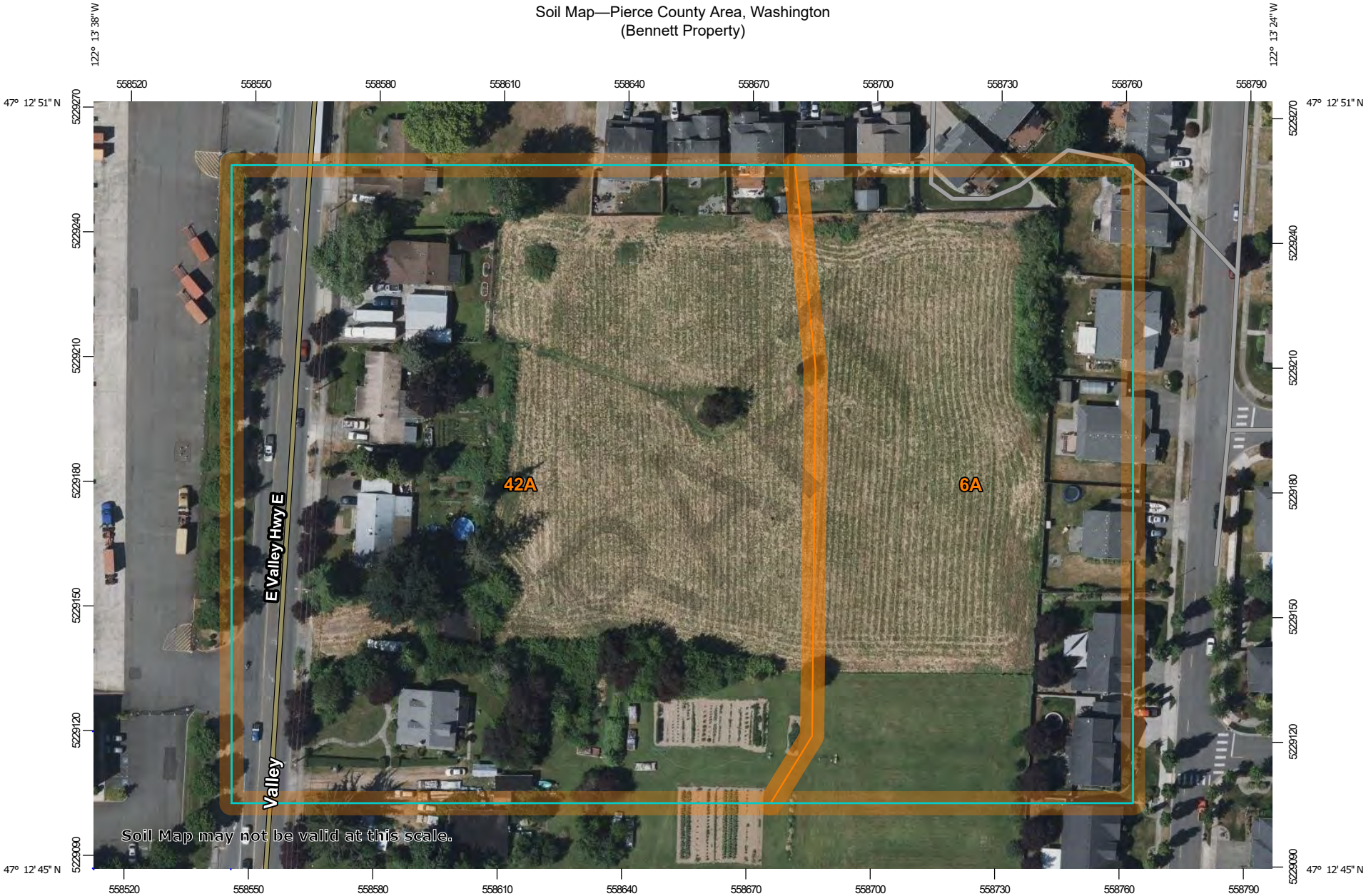
PHS Species/Habitats Details:

Freshwater Forested/Shrub Wetland	
Priority Area	Aquatic Habitat
Site Name	N/A
Accuracy	NA
Notes	Wetland System: Freshwater Forested/Shrub Wetland - NWI Code: PSS1Fx
Source Dataset	NWIWetlands
Source Name	Not Given
Source Entity	US Fish and Wildlife Service
Federal Status	N/A
State Status	N/A
PHS Listing Status	PHS Listed Occurrence
Sensitive	N
SGCN	N
Display Resolution	AS MAPPED
ManagementRecommendations	http://www.ecy.wa.gov/programs/sea/wetlands/bas/index.html
Geometry Type	Polygons

DISCLAIMER. This report includes information that the Washington Department of Fish and Wildlife (WDFW) maintains in a central computer database. It is not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife. This information only documents the location of fish and wildlife resources to the best of our knowledge. It is not a complete inventory and it is important to note that fish and wildlife resources may occur in areas not currently known to WDFW biologists, or in areas for which comprehensive surveys have not been conducted. Site specific surveys are frequently necesssary to rule out the presence of priority resources. Locations of fish and wildlife resources are subject to variation caused by disturbance, changes in season and weather, and other factors. WDFW does not recommend using reports more than six months old.

DRAFT

Soil Map—Pierce County Area, Washington
(Bennett Property)



Map Scale: 1:1,300 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 15 30 60 90

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Pierce County Area, Washington
Survey Area Data: Version 16, Jun 4, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 16, 2020—Aug 5, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

DRAFT

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
6A	Briscot loam	3.0	36.0%
42A	Sultan silt loam	5.3	64.0%
Totals for Area of Interest		**8.3**	**100.0%**

DRAFT

Pierce County Area, Washington

6A—Briscot loam

Map Unit Setting

National map unit symbol: 2hrc
Elevation: 20 to 250 feet
Mean annual precipitation: 30 to 55 inches
Mean annual air temperature: 48 to 50 degrees F
Frost-free period: 160 to 210 days
Farmland classification: Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

Map Unit Composition

Briscot and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Briscot

Setting

Landform: Flood plains
Parent material: Alluvium

Typical profile

H1 - 0 to 11 inches: loam
H2 - 11 to 38 inches: stratified fine sand to silt loam
H3 - 38 to 60 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 12 to 24 inches
Frequency of flooding: NoneFrequent
Frequency of ponding: None
Available water capacity: High (about 11.4 inches)

Interpretive groups

Land capability classification (irrigated): 4w
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: B/D
Forage suitability group: Seasonally Wet Soils (G002XN202WA)
Other vegetative classification: Seasonally Wet Soils (G002XN202WA)

DRAFT

Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Pierce County Area, Washington
Survey Area Data: Version 16, Jun 4, 2020

DRAFT

Pierce County Area, Washington

42A—Sultan silt loam

Map Unit Setting

National map unit symbol: 2hqx
Elevation: 0 to 200 feet
Mean annual precipitation: 35 to 55 inches
Mean annual air temperature: 50 degrees F
Frost-free period: 150 to 200 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Sultan and similar soils: 85 percent
Minor components: 8 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Sultan

Setting

Landform: Flood plains
Parent material: Alluvium

Typical profile

H1 - 0 to 14 inches: ashy silt loam
H2 - 14 to 23 inches: silt loam
H3 - 23 to 60 inches: stratified sand to silty clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: About 18 to 24 inches
Frequency of flooding: OccasionalNone
Frequency of ponding: None
Available water capacity: High (about 9.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: C/D
Forage suitability group: Seasonally Wet Soils (G002XN202WA)
Other vegetative classification: Seasonally Wet Soils (G002XN202WA)
Hydric soil rating: No

Minor Components

Briscot

Percent of map unit: 6 percent

DRAFT

Landform: Depressions
Hydric soil rating: Yes

Puget
Percent of map unit: 2 percent
Landform: Depressions
Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Pierce County Area, Washington
Survey Area Data: Version 16, Jun 4, 2020

DRAFT

Sumner Wetlands Map - Bennett

6/29/2021, 5:45:10 PM

Wetlands_Sumner

1:2,257

0 0.01 0.03 0.05 mi

0 0.02 0.04 0.08 km

Maxar, Microsoft

City of Sumner Public Works Department | Pierce County Planning and Services cartography lab created the coverage. Cort Daniel of Pierce County GIS created the Urban Growth Boundaries shapefile. | Maxar, Microsoft | c

APPENDIX C
Wetland Rating Forms

DRAFT

RATING SUMMARY – Western Washington

Name of wetland (or ID #): Wetland A Date of site visit: 7/26/2021

Rated by D. Conlin, C. Stoker Trained by Ecology? ☑ Yes ☐ No Date of training 12 2014

HGM Class used for rating Depressional & Flats Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI world imagery

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	M	M	L	
Value	H	M	L	**Total**
Score Based on Ratings	7	6	3	**16**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

DRAFT

Wetland name or number ___A___

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	A-1
Hydroperiods	D 1.4, H 1.2	A-1
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	A-1
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	A-1
Map of the contributing basin	D 4.3, D 5.3	A-2
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	A-3
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	A-4
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	A-5

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

DRAFT

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

DRAFT

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☑ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

DRAFT

Wetland name or number ___A___

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		5
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		0
Total for D 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source	Yes = 1 No = 0	0
Total for D 2	Add the points in the boxes above	**1**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	2
Total for D 3	Add the points in the boxes above	**3**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DRAFT

Wetland name or number ___A___

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☑**6 - 11 = M** ☐**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**2**

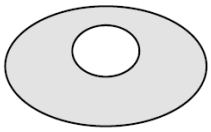
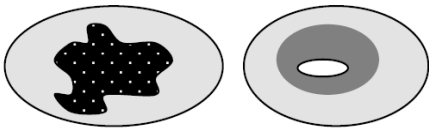
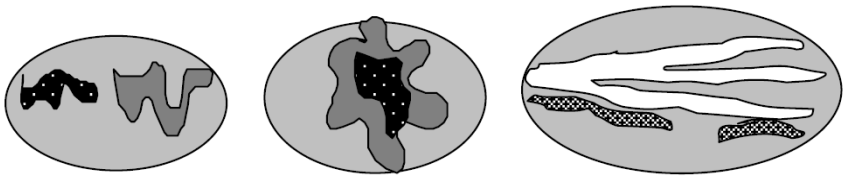
Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		1
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☑ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DRAFT

Wetland name or number ___A___

These questions apply to wetlands of all HGM classes. **HABITAT FUNCTIONS** - Indicators that site functions to provide important habitat	
H 1.0. Does the site have the potential to provide habitat?	
H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*   **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 	1

DRAFT

Wetland name or number ___A___

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**3**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0.27 % moderate & low intensity land uses / 2) = 0.135% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5.17 % undisturbed habitat + (2.38 % moderate & low intensity land uses / 2) = 6.36% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

DRAFT

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

DRAFT

Wetland name or number ___A___

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

DRAFT

Wetland name or number ____A____

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

DRAFT

DRAFT

Emergent, Saturated only

150-foot Boundary

N
W E
S

Not to Scale

Cowardin Plant Classes, Hydroperiods, Outlet, and 150-foot Buffer (Wetland A)

Sumner Parks Master Plan
Sumner, Washington

GEOENGINEERS

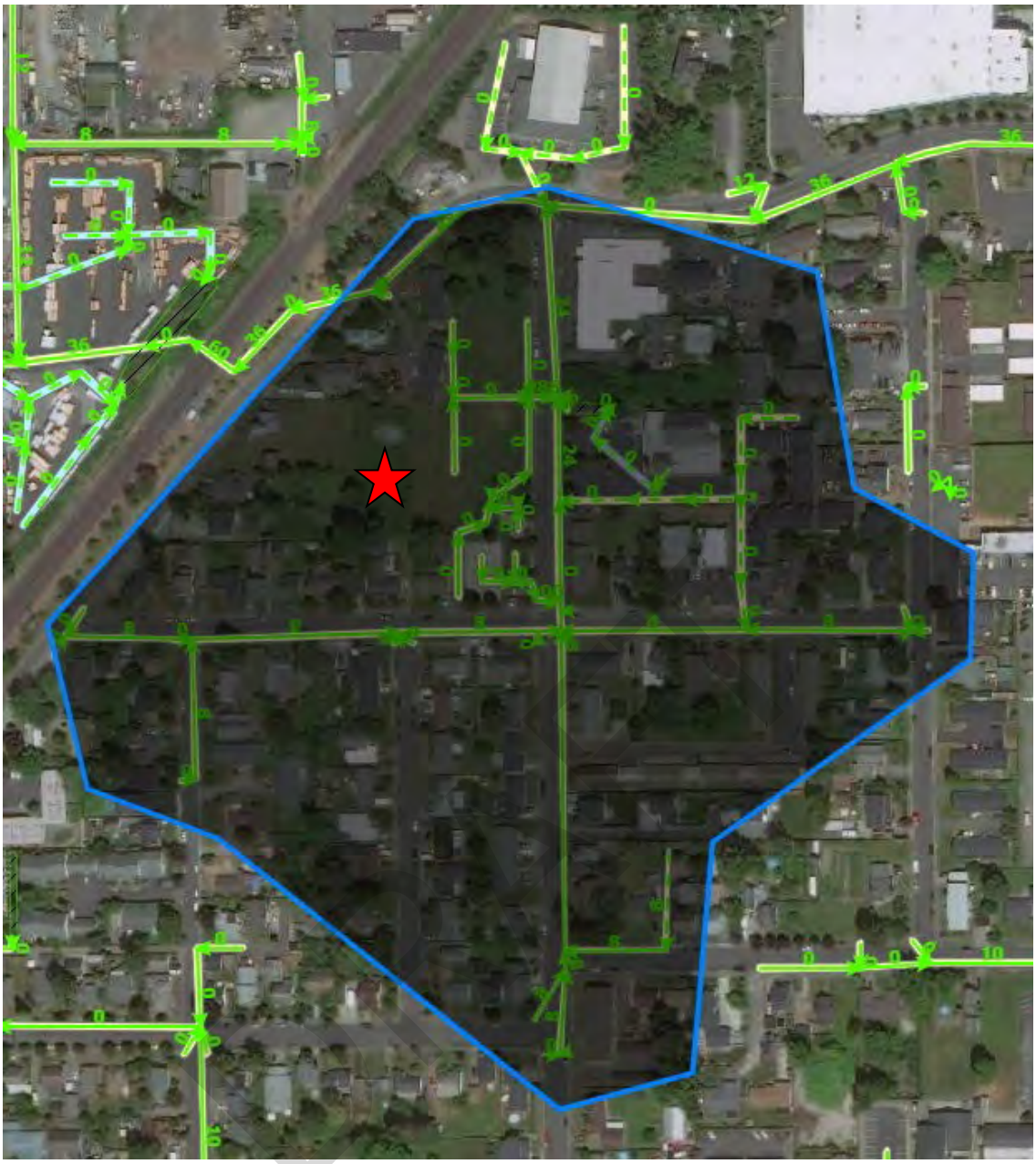
Figure A-1

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

XXXXX-XXX-XX Date Exported: 04/09/15



Data From: https://city-of-sumner.maps.arcgis.com/apps/webappviewer/index.html?id=4095c816e4274270a846ae03cf8cf45a

Wetland A

N
W E
S
Not to Scale

Contributing Basin (Wetland A)

Sumner Parks Master Plan
Sumner, Washington

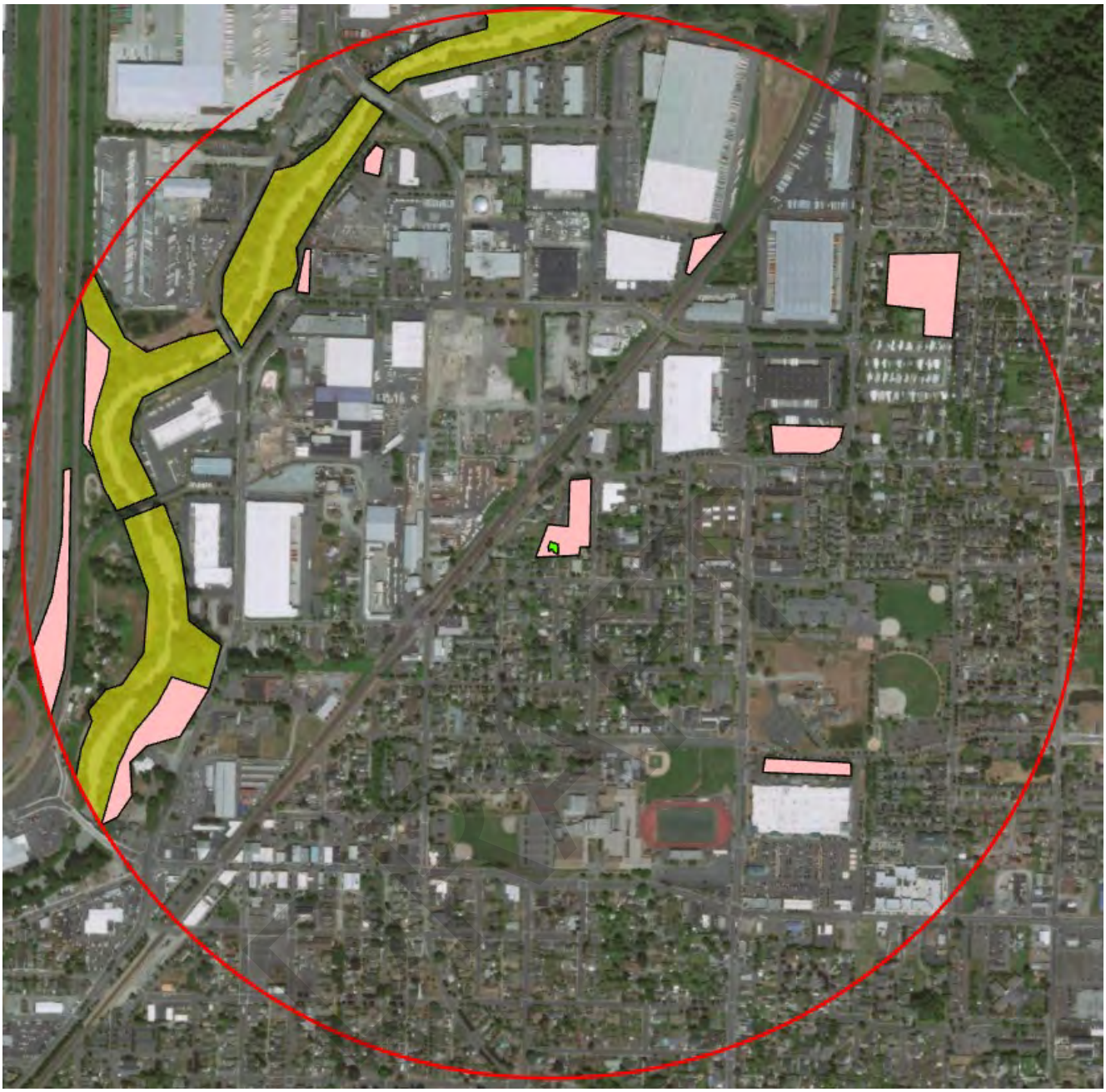
GeoEngineers

Figure A-2

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

XXXXX-XXX-XX Date Exported: 04/09/15



Low to Moderate Intensity

Relatively Undisturbed

High Intensity

Wetland A

N
W E
S
Not to Scale

1-KM Habitat
(Wetland A)

Sumner Parks Master Plan
Sumner, Washington

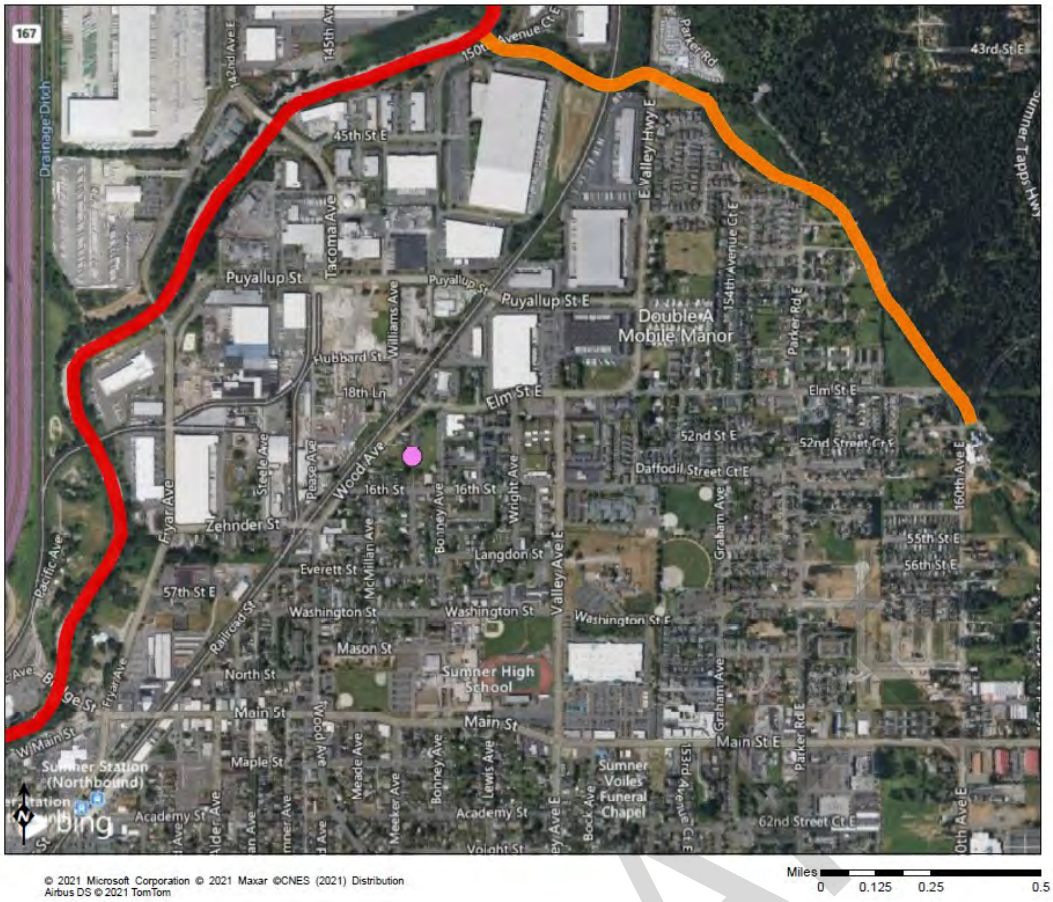
GEOENGINEERS

Figure A-3

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

XXXXX-XXX-XX Date Exported: 04/09/15



Assessed Water/Sediment

Water
- Category 5 - 303d
- Category 4C
- Category 4B
- Category 4A
- Category 2
- Category 1

Sediment
- Category 5 - 303d
- Category 4C
- Category 4B
- Category 4A
- Category 2
- Category 1

DEPARTMENT OF ECOLOGY State of Washington

Data From: https://apps.ecology.wa.gov/waterqualityatlas/wqa/map

DRAFT

N W E S

Not to Scale

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

303(d) Screen Shot (Wetland A)	
Sumner Parks Master Plan Sumner, Washington	
GEOENGINEERS	Figure A-4

XXXXX-XXX-XX Date Exported: 04/09/15

DEPARTMENT OF ECOLOGY State of Washington

DRAFT

Data From: https://waecy.maps.arcgis.com/home/webmap/viewer.html?layers=016d27df46004d138cdda32259787400

N W E S

Not to Scale

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

TMDLs Screen Shot (Wetland A)	
Sumner Parks Master Plan Sumner, Washington	
GEOENGINEERS	**Figure A-5**

XXXXX-XXX-XX Date Exported: 04/09/15

RATING SUMMARY – Western Washington

Name of wetland (or ID #): Wetland B Date of site visit: 7/26/2021

Rated by D. Conlin, C. Stoker Trained by Ecology? ☑ Yes ☐ No Date of training 12 2014

HGM Class used for rating Depressional & Flats Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI world imagery

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

- ____ **Category I** - Total score = 23 - 27
- ____ **Category II** - Total score = 20 - 22
- X **Category III** - Total score = 16 - 19
- ____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	M	M	L	
Value	H	M	L	**Total**
Score Based on Ratings	7	6	3	**16**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

DRAFT

Wetland name or number ___B_____

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	B-1
Hydroperiods	D 1.4, H 1.2	B-1
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	B-1
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	B-1
Map of the contributing basin	D 4.3, D 5.3	B-2
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	B-3
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	B-4
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	B-5

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

DRAFT

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

DRAFT

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☑ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

DRAFT

Wetland name or number B

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		5
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		0
Total for D 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source	Yes = 1 No = 0	0
Total for D 2	Add the points in the boxes above	**1**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	2
Total for D 3	Add the points in the boxes above	**3**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DRAFT

Wetland name or number B

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**2**

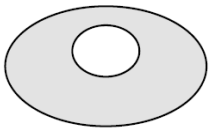
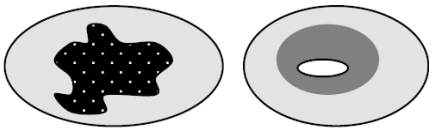
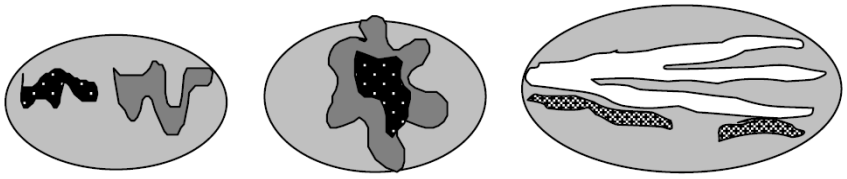
Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		1
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☑ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DRAFT

Wetland name or number B

These questions apply to wetlands of all HGM classes. **HABITAT FUNCTIONS** - Indicators that site functions to provide important habitat	
H 1.0. Does the site have the potential to provide habitat?	
H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points  **Low** = 1 point  **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 	0

DRAFT

Wetland name or number B

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0.27 % moderate & low intensity land uses / 2) = 0.135% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5.17 % undisturbed habitat + (2.38 % moderate & low intensity land uses / 2) = 6.36% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

DRAFT

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

DRAFT

Wetland name or number B

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

DRAFT

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

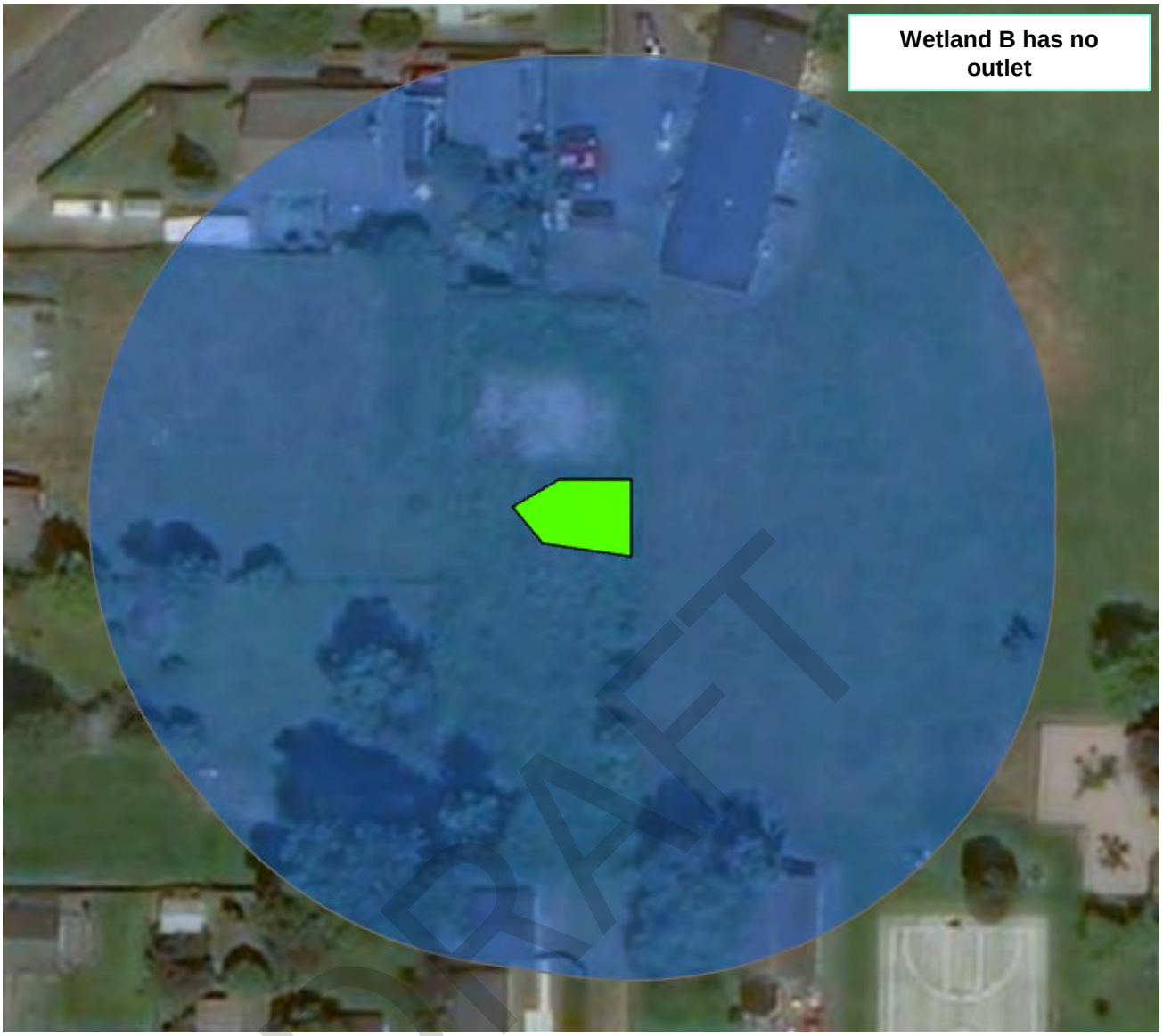
SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

DRAFT



DRAFT

Emergent, Saturated only

150-foot Boundary

N
W E
S

Not to Scale

Cowardin Plant Classes, Hydroperiods, Outlet, and 150-foot Buffer (Wetland B)

Sumner Parks Master Plan
Sumner, Washington

GeoEngineers

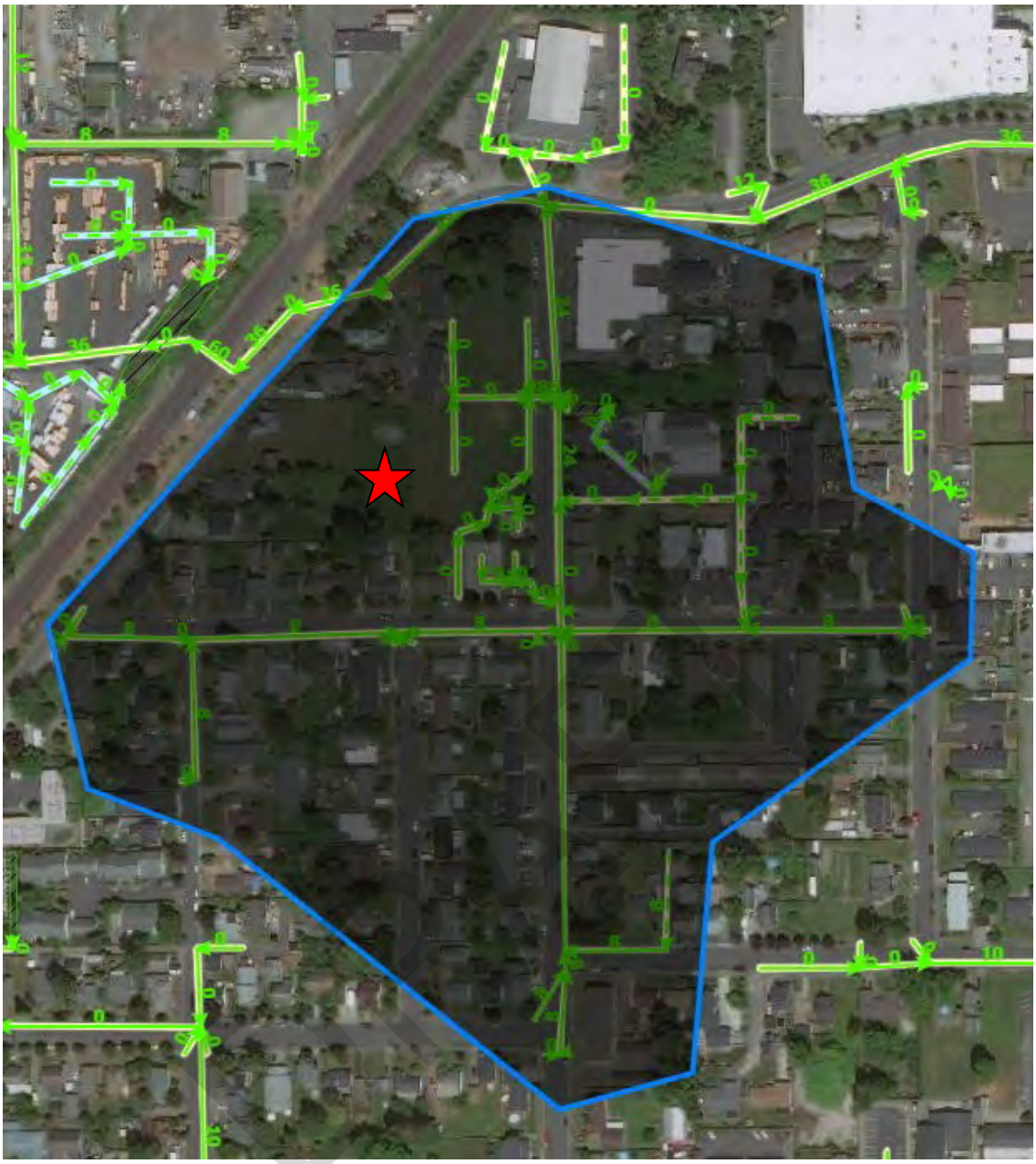
Figure B-1

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

XXXXX-XXX-XX Date Exported: 04/09/15



Data From: City of Sumner, WA Web Map (arcgis.com)

Wetland B

N
W E
S
Not to Scale

Contributing Basin (Wetland B)

Sumner Parks Master Plan
Sumner, Washington

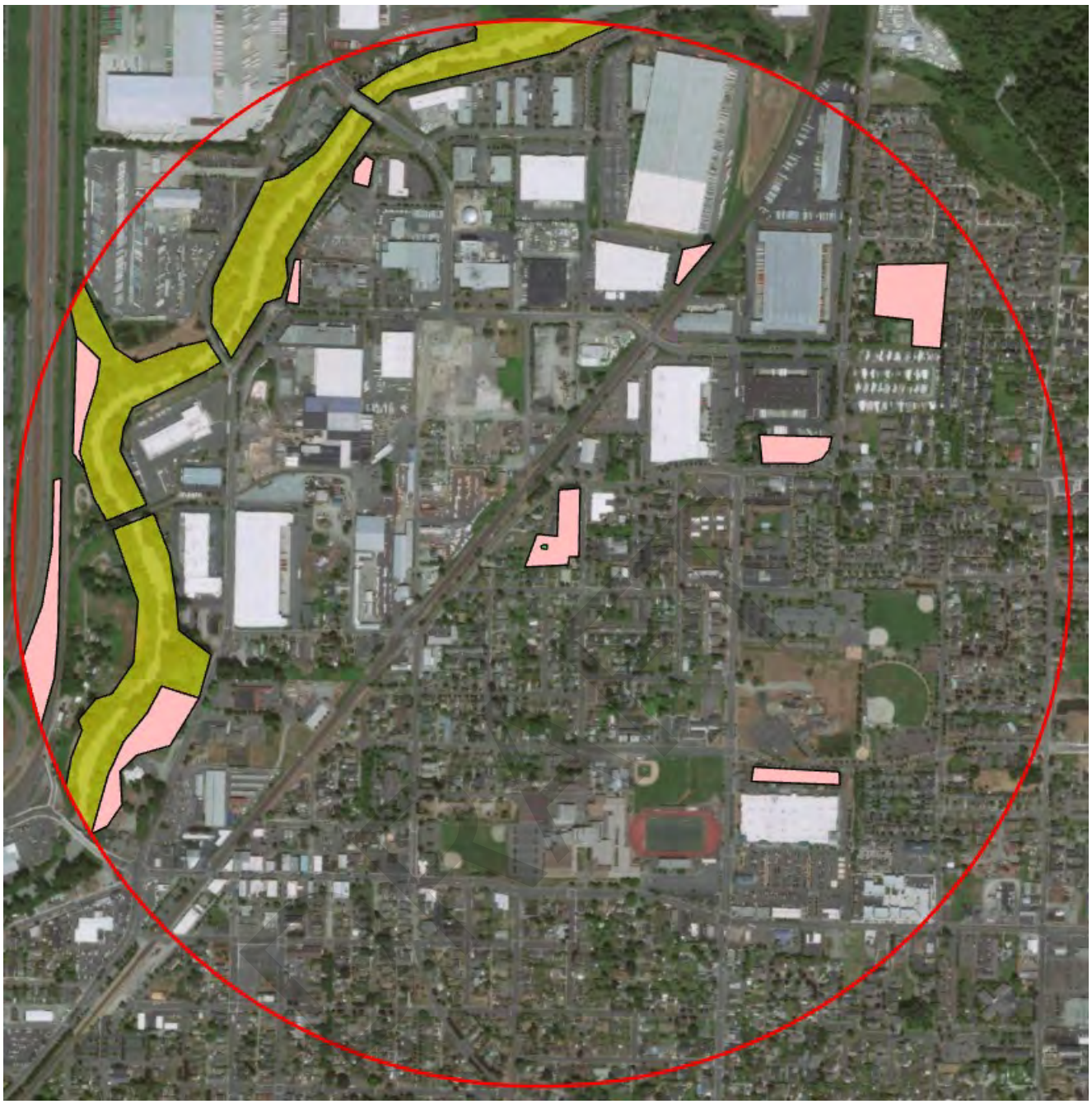
GEOENGINEERS

Figure B-2

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

XXXXX-XXX-XX Date Exported: 04/09/15



Low to Moderate Intensity

Relatively Undisturbed

High Intensity

Wetland B

N
W E
S
Not to Scale

1-KM Habitat
(Wetland B)

Sumner Parks Master Plan
Sumner, Washington

GEOENGINEERS

Figure B-3

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

XXXXX-XXX-XX Date Exported: 04/09/15

Assessed Water/Sediment

Water
- Category 5 - 303d
- Category 4C
- Category 4B
- Category 4A
- Category 2
- Category 1

Sediment
- Category 5 - 303d
- Category 4C
- Category 4B
- Category 4A
- Category 2
- Category 1

DEPARTMENT OF ECOLOGY State of Washington

Data From: https://apps.ecology.wa.gov/waterqualityatlas/wqa/map

DRAFT

N W E S

Not to Scale

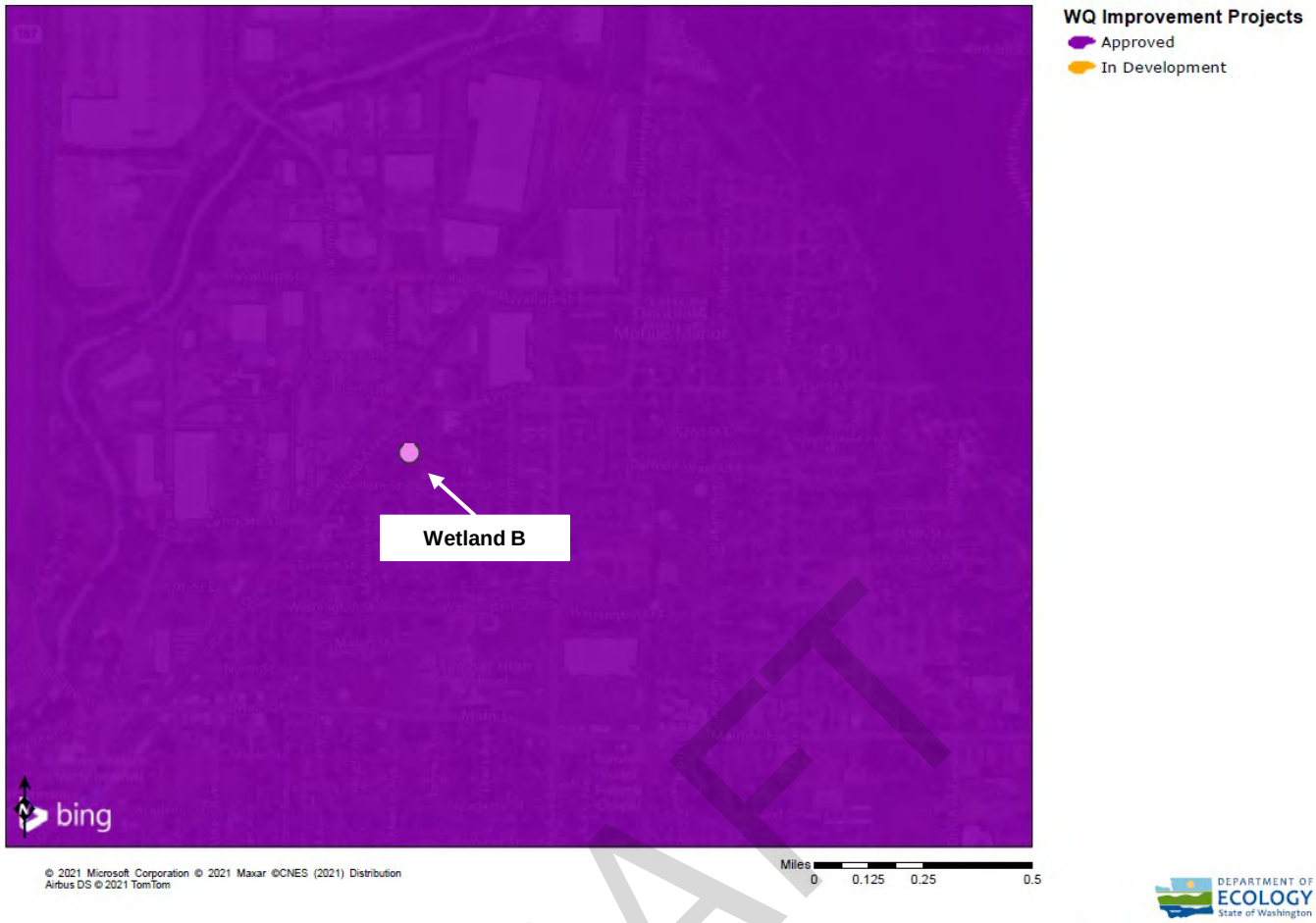
Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

303(d) Screen Shot (Wetland B)	
Sumner Parks Master Plan Sumner, Washington	
GEOENGINEERS	Figure B-4

XXXXX-XXX-XX Date Exported: 04/09/15



DRAFT

Data From: https://waecy.maps.arcgis.com/home/webmap/viewer.html?layers=016d27df46004d138cdda32259787400

Not to Scale

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

TMDLs Screen Shot (Wetland B)	
Sumner Parks Master Plan Sumner, Washington	
GEOENGINEERS	**Figure B-5**

XXXXX-XXX-XX Date Exported: 04/09/15

RATING SUMMARY – Western Washington

Name of wetland (or ID #): Wetland C Date of site visit: 7/26/2021

Rated by D. Conlin, C. Stoker Trained by Ecology? ☑ Yes ☐ No Date of training 12 2014

HGM Class used for rating Depressional & Flats Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI ArcGIS

OVERALL WETLAND CATEGORY IV (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

- ____ **Category I** - Total score = 23 - 27
- ____ **Category II** - Total score = 20 - 22
- ____ **Category III** - Total score = 16 - 19
- X **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	M	M	L	
Value	H	M	L	**Total**
Score Based on Ratings	6	6	3	**15**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

DRAFT

Wetland name or number ___C_____

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	C-1
Hydroperiods	D 1.4, H 1.2	C-1
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	C-1
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	C-1
Map of the contributing basin	D 4.3, D 5.3	C-2
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	C-3
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	C-4
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	C-5

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

DRAFT

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

DRAFT

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☑ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

DRAFT

Wetland name or number C

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 3 points = 2 points = 1 points = 1	3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area Wetland has persistent, ungrazed, plants > ½ of area Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 5 points = 3 points = 1 points = 0	0
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland Area seasonally ponded is > ¼ total area of wetland Area seasonally ponded is < ¼ total area of wetland	points = 4 points = 2 points = 0	0
Total for D 1	Add the points in the boxes above	**3**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source	Yes = 1 No = 0	0
Total for D 2	Add the points in the boxes above	**1**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	2
Total for D 3	Add the points in the boxes above	**3**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DRAFT

Wetland name or number C

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**2**

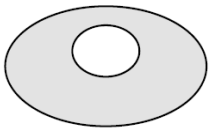
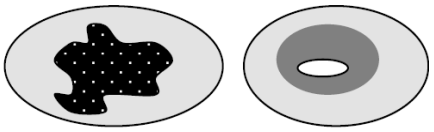
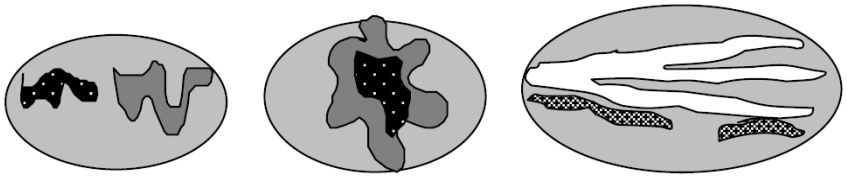
Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		1
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☑ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DRAFT

Wetland name or number C

These questions apply to wetlands of all HGM classes. **HABITAT FUNCTIONS** - Indicators that site functions to provide important habitat	
H 1.0. Does the site have the potential to provide habitat?	
H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*   **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 	0

DRAFT

Wetland name or number C

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☑ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 Add the points in the boxes above	**2**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (1.86 % moderate & low intensity land uses / 2) = 0.93% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 19.52 % undisturbed habitat + (10.56 % moderate & low intensity land uses / 2) = 24.8% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

DRAFT

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

DRAFT

Wetland name or number ___C_____

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☐ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

DRAFT

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

DRAFT

DRAFT

Emergent, Saturated only

150-foot Boundary

N
W E
S
Not to Scale

XXXXX-XXX-XX Date Exported: 04/09/15

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

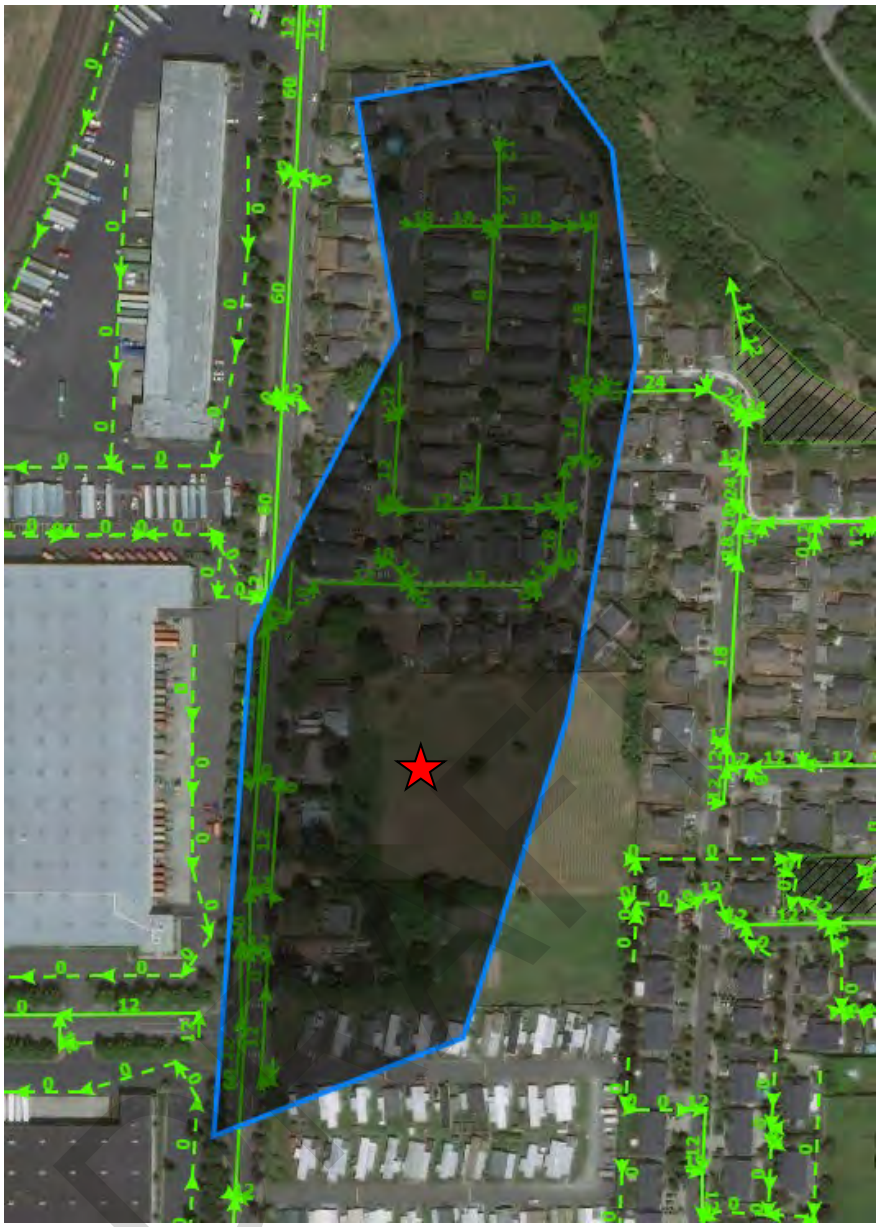
Data Source:

Cowardin Plant Classes, Hydroperiods, Outlet, and 150-foot Boundary (Wetland C)

Sumner Parks Master Plan
Sumner, Washington

GEOENGINEERS

Figure C-1



Data From: https://city-of-sumner.maps.arcgis.com/apps/webappviewer/index.html?id=4095c816e4274270a846ae03cf8cf45a

★ **Wetland C**

N
W E
S
Not to Scale

Contributing Basin (Wetland C)

Sumner Parks Master Plan
Sumner, Washington

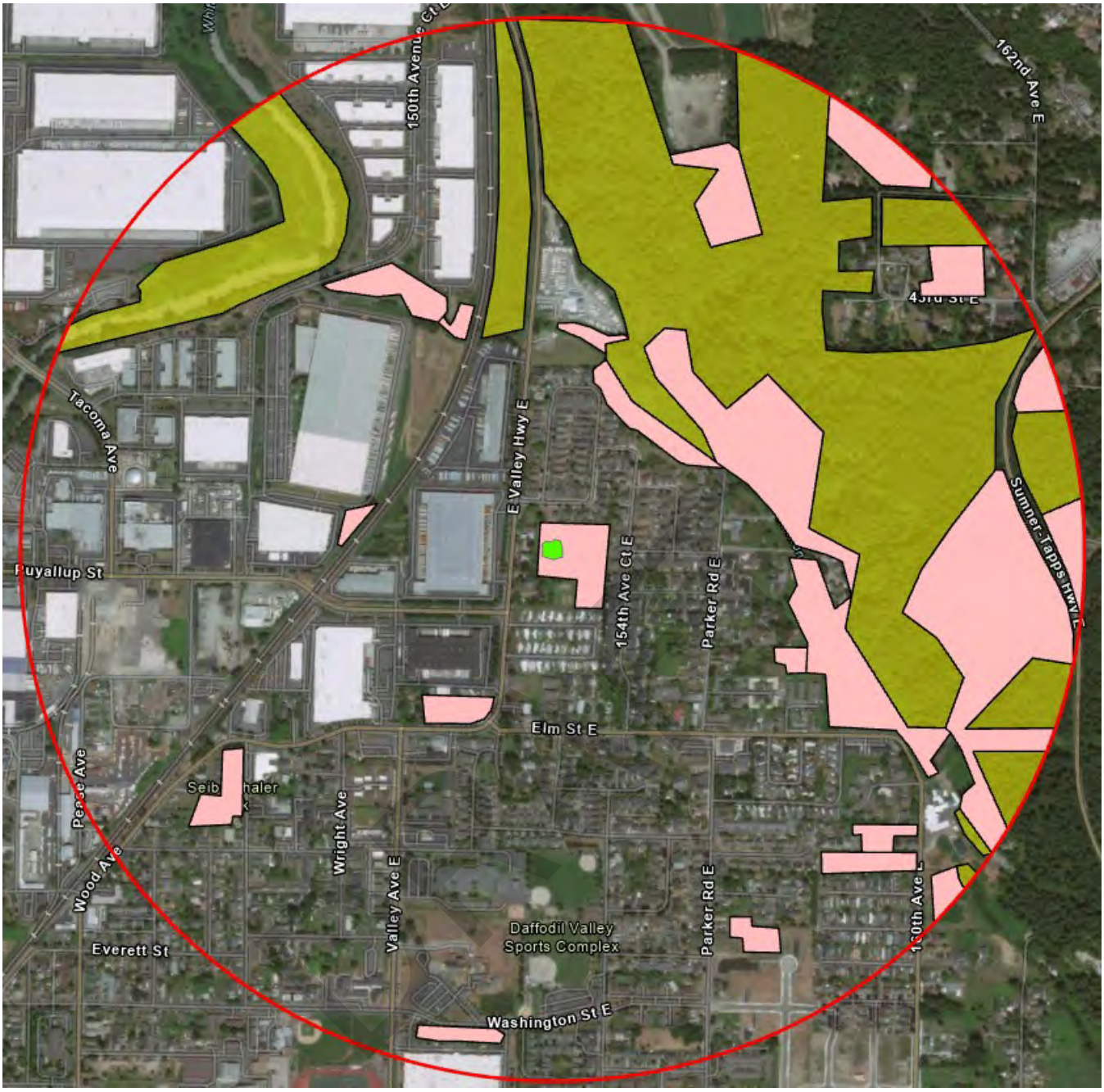
GEOENGINEERS

Figure C-2

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

XXXXX-XXX-XX Date Exported: 04/09/15



Low to Moderate Intensity

Relatively Undisturbed

High Intensity

Wetland C

N
W E
S
Not to Scale

1-KM Habitat
(Wetland C)

Sumner Parks Master Plan
Sumner, Washington

GEOENGINEERS

Figure C-3

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

XXXXX-XXX-XX Date Exported: 04/09/15

DEPARTMENT OF ECOLOGY State of Washington

Data From: https://apps.ecology.wa.gov/waterqualityatlas/wqa/map

DRAFT

N W E S

Not to Scale

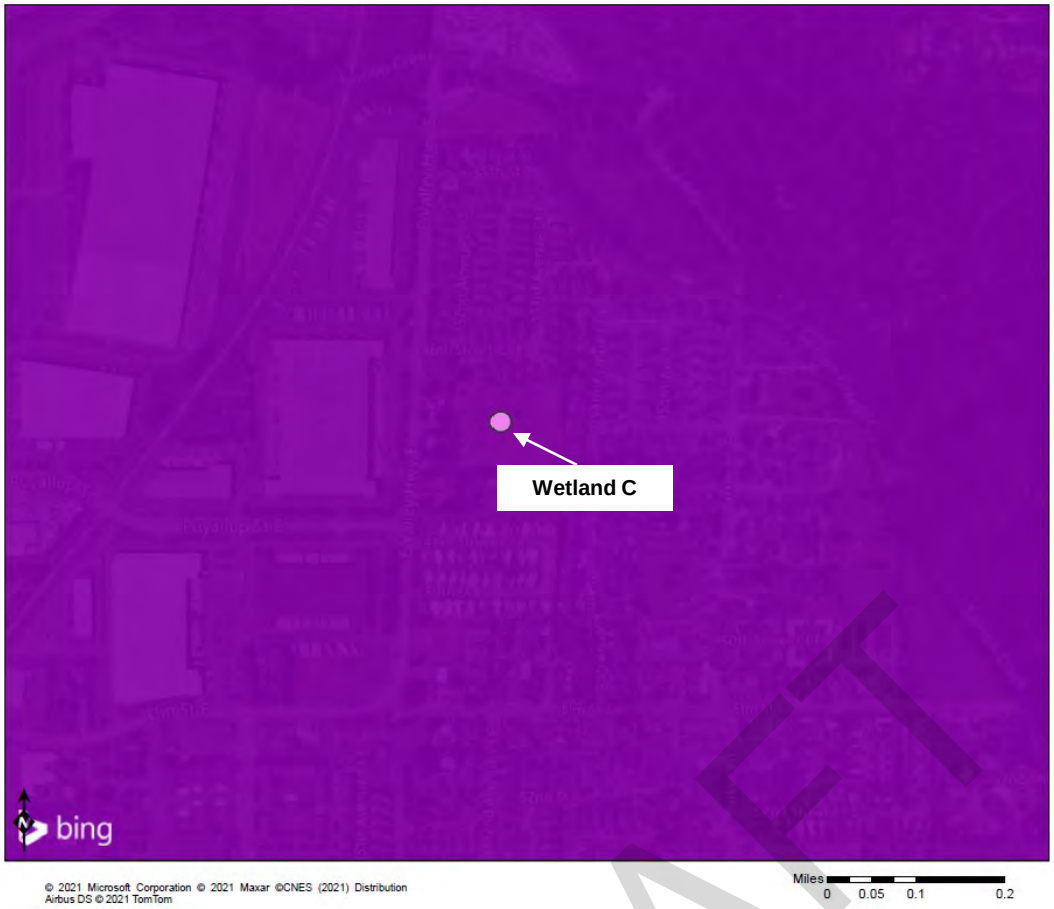
Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

303(d) Screen Shot (Wetland C)	
Sumner Parks Master Plan Sumner, Washington	
GEOENGINEERS	Figure C-4

XXXXX-XXX-XX Date Exported: 04/09/15



DEPARTMENT OF ECOLOGY State of Washington

Data From: https://waecy.maps.arcgis.com/home/webmap/viewer.html?layers=016d27df46004d138cdda32259787400

DRAFT

N
W E
S

Not to Scale

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:

TMDLs Screen Shot (Wetland C)	
Sumner Parks Master Plan Sumner, Washington	
GEOENGINEERS	**Figure C-5**

XXXXX-XXX-XX Date Exported: 04/09/15

APPENDIX D-1
Seibenthaler Park Sample Plot Data Forms

DRAFT

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Seibenthaler Park City/County: City of Sumner Sampling Date: 7/26/2021

Applicant/Owner: Sumner Parks State: WA Sampling Point: SP1

Investigator(s): D. Conlin, C. Stoker Section, Township, Range: S42, T20N, R04E

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): ____

Subregion (LRR): A Lat: 47.208938 Long: -122.234211 Datum: NAD83HARN

Soil Map Unit Name: Sultan silt loam, 0 to 2 percent slope NWI Classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? (●) Yes ( ) No (If no, explain in Remarks.)

Are Vegetation [ ], Soil [ ], or Hydrology [ ] significantly disturbed? Are "Normal Circumstances" present? (●) Yes ( ) No

Are Vegetation [ ], Soil [ ], or Hydrology [ ] naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	(●) Yes	( ) No	**Is the Sampled Area within a Wetland?**	(●) Yes ( ) No
Hydric Soil Present?	(●) Yes	( ) No		
Wetland Hydrology Present?	(●) Yes	( ) No		

Remarks:

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 20')	Absolute % Cover	Dom. Sp.?	Relative % Cover	Indicator Status
1. *Populus balsamifera*	15	Y	100.0	FAC
2.				
3.				
4.				
	15	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15')				
1. *Salix sitchensis*	5	Y	100.0	FACW
2.				
3.				
4.				
5.				
	5	= Total Cover		
Herb Stratum (Plot size: 15')				
1. *Phalaris arundinacea*	90	Y	55.6	FACW
2. *Equisetum arvense*	45	Y	27.8	FAC
3. *Rubus armeniacus*	10	N	6.2	FAC
4. *Juncus effusus*	5	N	3.1	FACW
5. *Ranunculus repens*	5	N	3.1	FAC
6. *Convolvulus arvensis*	5	N	3.1	UPL
7. *Holcus lanatus*	2	N	1.2	FAC
8.				
9.				
10.				
11.				
	162	= Total Cover		
Woody Vine Stratum (Plot size: 15')				
1.				
2.				
		= Total Cover		

% Bare Ground in Herb Stratum 0

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	100	x 2 =	200
FAC species	77	x 3 =	231
FACU species	0	x 4 =	0
UPL species	5	x 5 =	25
Column Totals:	182 (A)		456 (B)

Prevalence Index = B/A = 2.505

Hydrophytic Vegetation Indicators:

- [ ] 1 - Rapid Test for Hydrophytic Vegetation
- [✓] 2 - Dominance Test is >50%
- [✓] 3 - Prevalence Index is ≤3.0[1]
- [ ] 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- [ ] 5 - Wetland Non-Vascular Plants[1]
- [ ] Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? (●) Yes ( ) No

Remarks:

DRAFT

SOIL

Sampling Point: SP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)		Matrix %	Redox Features Color (moist)		Redox %	Type[1]	Loc[2]	Texture	Remarks
0-5	10YR	4/2	100						silt loam	
5-13	10YR	5/2	75	7.5YR	4/6	25	C	M	silt loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1) (except MLRA 1)
- ☐ Loamy Gleyed Matrix (F2)
- ☑ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ☐ 2 cm Muck (A10)
- ☐ Red Parent Material (TF2)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? ◉ Yes ◯ No

Remarks:

DRAFT

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Surface Soil Cracks (B6)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ☐ Salt Crust (B11)
- ☐ Aquatic Invertebrates (B13)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres along Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Stunted or Stressed Plants (D1) (LRR A)
- ☐ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ☐ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☑ Geomorphic Position (D2)
- ☐ Shallow Aquitard (D3)
- ☑ FAC-Neutral Test (D5)
- ☐ Raised Ant Mounds (D6) (LRR A)
- ☐ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? ◯ Yes ◉ No Depth (inches): _____

Water Table Present? ◯ Yes ◉ No Depth (inches): _____

Saturation Present? (includes capillary fringe) ◯ Yes ◉ No Depth (inches): _____

Wetland Hydrology Present? ◉ Yes ◯ No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Seibenthaler Park City/County: City of Sumner Sampling Date: 7/26/2021

Applicant/Owner: Sumner Parks State: WA Sampling Point: SP2

Investigator(s): D. Conlin, C. Stoker Section, Township, Range: S42, T20N, R04E

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): ____

Subregion (LRR): A Lat: 47.208806 Long: -122.234256 Datum: NAD83HARN

Soil Map Unit Name: Sultan silt loam, 0 to 2 percent slope NWI Classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? (●) Yes ( ) No (If no, explain in Remarks.)

Are Vegetation [ ], Soil [ ], or Hydrology [ ] significantly disturbed? Are "Normal Circumstances" present? (●) Yes ( ) No

Are Vegetation [ ], Soil [ ], or Hydrology [ ] naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	(●) Yes	( ) No	**Is the Sampled Area within a Wetland?**	( ) Yes (●) No
Hydric Soil Present?	( ) Yes	(●) No		
Wetland Hydrology Present?	( ) Yes	(●) No		

Remarks:

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 20')	Absolute % Cover	Dom. Sp.?	Relative % Cover	Indicator Status
1.				
2.				
3.				
4.				
	= Total Cover			

Sapling/Shrub Stratum (Plot size: 15')				
1.				
2.				
3.				
4.				
5.				
	= Total Cover			

Herb Stratum (Plot size: 15')				
1. *Equisetum arvense*	35	**Y**	34.3	FAC
2. *Rubus armeniacus*	30	**Y**	29.4	FAC
3. *Phalaris arundinacea*	30	**Y**	29.4	FACW
4. *Convolvulus arvensis*	5	N	4.9	UPL
5. *Lotus corniculatus*	2	N	2.0	FAC
6.				
7.				
8.				
9.				
10.				
11.				
	102	= Total Cover		

Woody Vine Stratum (Plot size: 15')				
1.				
2.				
	= Total Cover			

% Bare Ground in Herb Stratum 0

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	30	x 2 =	60
FAC species	67	x 3 =	201
FACU species	0	x 4 =	0
UPL species	5	x 5 =	25
Column Totals:	102 (A)		286 (B)

Prevalence Index = B/A = 2.804

Hydrophytic Vegetation Indicators:

- [ ] 1 - Rapid Test for Hydrophytic Vegetation
- [✓] 2 - Dominance Test is >50%
- [✓] 3 - Prevalence Index is ≤3.0[1]
- [ ] 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- [ ] 5 - Wetland Non-Vascular Plants[1]
- [ ] Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? (●) Yes ( ) No

Remarks:

DRAFT

SOIL

Sampling Point: SP2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)		Matrix %	Redox Features Color (moist)		Redox %	Type[1]	Loc[2]	Texture	Remarks
0-5	7.5YR	3/2	99	5YR	4/6	<1	C	M	Silt loam	
5-13	7.5YR	4/4	50							
	7.5YR	5/4	50							

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1) (except MLRA 1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ☐ 2 cm Muck (A10)
- ☐ Red Parent Material (TF2)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? ○ Yes ◉ No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Surface Soil Cracks (B6)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ☐ Salt Crust (B11)
- ☐ Aquatic Invertebrates (B13)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres along Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Stunted or Stressed Plants (D1) (LRR A)
- ☐ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ☐ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Geomorphic Position (D2)
- ☐ Shallow Aquitard (D3)
- ☑ FAC-Neutral Test (D5)
- ☐ Raised Ant Mounds (D6) (LRR A)
- ☐ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? ○ Yes ◉ No Depth (inches): _____

Water Table Present? ○ Yes ◉ No Depth (inches): _____

Saturation Present? (includes capillary fringe) ○ Yes ◉ No Depth (inches): _____

Wetland Hydrology Present? ○ Yes ◉ No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

DRAFT

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Seibenthaler Park City/County: City of Sumner Sampling Date: 7/26/2021

Applicant/Owner: Sumner Parks State: WA Sampling Point: SP3

Investigator(s): D. Conlin, C. Stoker Section, Township, Range: S42, T20N, R04E

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): ____

Subregion (LRR): A Lat: 47.209009 Long: -122.234253 Datum: NAD83HARN

Soil Map Unit Name: Sultan silt loam, 0 to 2 percent slope NWI Classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? (●) Yes ( ) No (If no, explain in Remarks.)

Are Vegetation [ ], Soil [ ], or Hydrology [ ] significantly disturbed? Are "Normal Circumstances" present? (●) Yes ( ) No

Are Vegetation [ ], Soil [ ], or Hydrology [ ] naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	(●) Yes	( ) No	**Is the Sampled Area within a Wetland?**	(●) Yes ( ) No
Hydric Soil Present?	(●) Yes	( ) No		
Wetland Hydrology Present?	(●) Yes	( ) No		

Remarks:

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 20')	Absolute % Cover	Dom. Sp.?	Relative % Cover	Indicator Status
1.				
2.				
3.				
4.				
	= Total Cover			

Sapling/Shrub Stratum (Plot size: 15')				
1.				
2.				
3.				
4.				
5.				
	= Total Cover			

Herb Stratum (Plot size: 15')				
1. *Equisetum arvense*	35	**Y**	34.3	FAC
2. *Phalaris arundinacea*	25	**Y**	24.5	FACW
3. *Rubus armeniacus*	25	**Y**	24.5	FAC
4. *Convolvulus arvensis*	10	N	9.8	UPL
5. *Cirsium arvense*	5	N	4.9	FAC
6. *Rumex crispus*	2	N	2.0	FAC
7.				
8.				
9.				
10.				
11.				
	102	= Total Cover		

Woody Vine Stratum (Plot size: 15')				
1.				
2.				
	= Total Cover			

% Bare Ground in Herb Stratum 0

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	25	x 2 =	50
FAC species	67	x 3 =	201
FACU species	0	x 4 =	0
UPL species	10	x 5 =	50
Column Totals:	102 (A)		301 (B)

Prevalence Index = B/A = 2.951

Hydrophytic Vegetation Indicators:

- [ ] 1 - Rapid Test for Hydrophytic Vegetation
- [✓] 2 - Dominance Test is >50%
- [✓] 3 - Prevalence Index is ≤3.0[1]
- [ ] 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- [ ] 5 - Wetland Non-Vascular Plants[1]
- [ ] Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? (●) Yes ( ) No

Remarks:

DRAFT

SOIL

Sampling Point: SP3

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)		Matrix %	Redox Features Color (moist)		Redox %	Type[1]	Loc[2]	Texture	Remarks
0-5	10YR	3/3	100						Silt loam	
5-13	10YR	5/2	95	10YR	4/4	5	C	M	Silt loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1) (except MLRA 1)
- ☐ Loamy Gleyed Matrix (F2)
- ☑ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ☐ 2 cm Muck (A10)
- ☐ Red Parent Material (TF2)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? ◉ Yes ◯ No

Remarks:

DRAFT

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Surface Soil Cracks (B6)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ☐ Salt Crust (B11)
- ☐ Aquatic Invertebrates (B13)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres along Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Stunted or Stressed Plants (D1) (LRR A)
- ☐ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ☐ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☑ Geomorphic Position (D2)
- ☐ Shallow Aquitard (D3)
- ☑ FAC-Neutral Test (D5)
- ☐ Raised Ant Mounds (D6) (LRR A)
- ☐ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? ◯ Yes ◉ No Depth (inches): _____

Water Table Present? ◯ Yes ◉ No Depth (inches): _____

Saturation Present? (includes capillary fringe) ◯ Yes ◉ No Depth (inches): _____

Wetland Hydrology Present? ◉ Yes ◯ No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Seibenthaler Park City/County: City of Sumner Sampling Date: 7/26/2021

Applicant/Owner: Sumner Parks State: WA Sampling Point: SP4

Investigator(s): D. Conlin, C. Stoker Section, Township, Range: S42, T20N, R04E

Landform (hillslope, terrace, etc.): mound Local relief (concave, convex, none): convex Slope (%):

Subregion (LRR): A Lat: 47.208978 Long: -122.234190 Datum: NAD83HARN

Soil Map Unit Name: Sultan silt loam, 0 to 2 percent slope NWI Classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? (●) Yes ( ) No (If no, explain in Remarks.)

Are Vegetation [ ], Soil [ ], or Hydrology [ ] significantly disturbed? Are "Normal Circumstances" present? (●) Yes ( ) No

Are Vegetation [ ], Soil [ ], or Hydrology [ ] naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	(●) Yes	( ) No	**Is the Sampled Area within a Wetland?**	( ) Yes (●) No
Hydric Soil Present?	( ) Yes	(●) No		
Wetland Hydrology Present?	( ) Yes	(●) No		

Remarks:

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 10')	Absolute % Cover	Dom. Sp.?	Relative % Cover	Indicator Status
1.				
2.				
3.				
4.				
	= Total Cover			

Sapling/Shrub Stratum (Plot size: 10')				
1.				
2.				
3.				
4.				
5.				
	= Total Cover			

Herb Stratum (Plot size: 10')				
1. *Equisetum arvense*	60	**Y**	48.0	FAC
2. *Rubus armeniacus*	55	**Y**	44.0	FAC
3. *Hypericum perforatum*	5	N	4.0	FACU
4. *Convolvulus arvensis*	5	N	4.0	UPL
5.				
6.				
7.				
8.				
9.				
10.				
11.				
	125 = Total Cover			

Woody Vine Stratum (Plot size: 10')				
1.				
2.				
	= Total Cover			

% Bare Ground in Herb Stratum 0

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	115	x 3 =	345
FACU species	5	x 4 =	20
UPL species	5	x 5 =	25
Column Totals:	125 (A)		390 (B)

Prevalence Index = B/A = 3.120

Hydrophytic Vegetation Indicators:

- [ ] 1 - Rapid Test for Hydrophytic Vegetation
- [✓] 2 - Dominance Test is >50%
- [ ] 3 - Prevalence Index is ≤3.0[1]
- [ ] 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- [ ] 5 - Wetland Non-Vascular Plants[1]
- [ ] Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? (●) Yes ( ) No

Remarks:

DRAFT

SOIL

Sampling Point: SP4

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)		Matrix %	Redox Features Color (moist)		Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-16	7.5YR	3/2	100							

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1) (except MLRA 1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ☐ 2 cm Muck (A10)
- ☐ Red Parent Material (TF2)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? ○ Yes ◉ No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Surface Soil Cracks (B6)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ☐ Salt Crust (B11)
- ☐ Aquatic Invertebrates (B13)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres along Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Stunted or Stressed Plants (D1) (LRR A)
- ☐ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ☐ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Geomorphic Position (D2)
- ☐ Shallow Aquitard (D3)
- ☐ FAC-Neutral Test (D5)
- ☐ Raised Ant Mounds (D6) (LRR A)
- ☐ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? ○ Yes ◉ No Depth (inches): _____

Water Table Present? ○ Yes ◉ No Depth (inches): _____

Saturation Present? (includes capillary fringe) ○ Yes ◉ No Depth (inches): _____

Wetland Hydrology Present? ○ Yes ◉ No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

DRAFT

APPENDIX D-2
Bennett Property Sample Plot Data Forms

DRAFT

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Bennett Property City/County: City of Sumner Sampling Date: 7/26/2021

Applicant/Owner: Sumner Parks State: WA Sampling Point: SP1

Investigator(s): D. Conlin, C. Stoker Section, Township, Range: S41, T20N, R05E

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): ____

Subregion (LRR): A Lat: 47.213749 Long: -122.225087 Datum: NAD83HARN

Soil Map Unit Name: Sultan silt loam, 0 to 2 percent slope NWI Classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? (●) Yes ( ) No (If no, explain in Remarks.)

Are Vegetation [✓], Soil [ ], or Hydrology [ ] significantly disturbed? Are "Normal Circumstances" present? ( ) Yes ( ) No

Are Vegetation [ ], Soil [ ], or Hydrology [ ] naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	(●) Yes	( ) No	**Is the Sampled Area within a Wetland?**	( ) Yes (●) No
Hydric Soil Present?	( ) Yes	(●) No		
Wetland Hydrology Present?	( ) Yes	(●) No		

Remarks:
Field that had been mowed within the past month.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 20')	Absolute % Cover	Dom. Sp.?	Relative % Cover	Indicator Status
1. *Prunus cerasifera*	25	Y	100.0	FACU
2.				
3.				
4.				
	25	= Total Cover		

Sapling/Shrub Stratum (Plot size: 20')				
1. *Cornus alba*	20	Y	100.0	FACW
2.				
3.				
4.				
5.				
	20	= Total Cover		

Herb Stratum (Plot size: 20')				
1. *Mixed native grasses*	75	Y	75.0	FAC
2. *Rubus armeniacus*	25	Y	25.0	FAC
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
	100	= Total Cover		

Woody Vine Stratum (Plot size: 15')				
1.				
2.				
		= Total Cover		

% Bare Ground in Herb Stratum 0

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 75.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	20	x 2 =	40
FAC species	100	x 3 =	300
FACU species	25	x 4 =	100
UPL species	0	x 5 =	0
Column Totals:	145 (A)		440 (B)

Prevalence Index = B/A = 3.034

Hydrophytic Vegetation Indicators:

- [ ] 1 - Rapid Test for Hydrophytic Vegetation
- [✓] 2 - Dominance Test is >50%
- [ ] 3 - Prevalence Index is ≤3.0[1]
- [ ] 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- [ ] 5 - Wetland Non-Vascular Plants[1]
- [ ] Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? (●) Yes ( ) No

Remarks:
Mixed native grasses were not identified to species level due to recent vegetation disturbance causing no identifiable characteristics.

DRAFT

SOIL

Sampling Point: SP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)		Matrix %	Redox Features Color (moist)		Redox %	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR	4/3	100							
6-16	10YR	3/3	70	10YR	5/8	<1	C	PL&M		
	10YR	4/1	30							

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1) (except MLRA 1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ☐ 2 cm Muck (A10)
- ☐ Red Parent Material (TF2)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? ○ Yes ◉ No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Surface Soil Cracks (B6)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ☐ Salt Crust (B11)
- ☐ Aquatic Invertebrates (B13)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres along Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Stunted or Stressed Plants (D1) (LRR A)
- ☐ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ☐ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☑ Geomorphic Position (D2)
- ☐ Shallow Aquitard (D3)
- ☐ FAC-Neutral Test (D5)
- ☐ Raised Ant Mounds (D6) (LRR A)
- ☐ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? ○ Yes ◉ No Depth (inches): _____

Water Table Present? ○ Yes ◉ No Depth (inches): _____

Saturation Present? (includes capillary fringe) ○ Yes ◉ No Depth (inches): _____

Wetland Hydrology Present? ○ Yes ◉ No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

DRAFT

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Bennett Property City/County: City of Sumner Sampling Date: 7/26/2021

Applicant/Owner: Sumner Parks State: WA Sampling Point: SP2

Investigator(s): D. Conlin, C. Stoker Section, Township, Range: S41. T20N, R05E

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): ____

Subregion (LRR): A Lat: 47.213700 Long: -122.225547 Datum: NAD83HARN

Soil Map Unit Name: Sultan silt loam, 0 to 2 percent slope NWI Classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? (●) Yes ( ) No (If no, explain in Remarks.)

Are Vegetation [✓], Soil [ ], or Hydrology [ ] significantly disturbed? Are "Normal Circumstances" present? ( ) Yes ( ) No

Are Vegetation [ ], Soil [ ], or Hydrology [ ] naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	(●) Yes	( ) No	**Is the Sampled Area within a Wetland?**	(●) Yes ( ) No
Hydric Soil Present?	(●) Yes	( ) No		
Wetland Hydrology Present?	(●) Yes	( ) No		

Remarks:
Field that had been mowed within the past month.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 20')	Absolute % Cover	Dom. Sp.?	Relative % Cover	Indicator Status
1.				
2.				
3.				
4.				
	= Total Cover			

Sapling/Shrub Stratum (Plot size: 20')				
1.				
2.				
3.				
4.				
5.				
	= Total Cover			

Herb Stratum (Plot size: 20')				
1. *Mixed grasses*	65	**Y**	65.0	FAC
2. *Phalaris arundinacea*	25	**Y**	25.0	FAC
3. *Alopecurus pratensis*	5	N	5.0	FAC
4. *Holcus lanatus*	5	N	5.0	FAC
5.				
6.				
7.				
8.				
9.				
10.				
11.				
	100 = Total Cover			

Woody Vine Stratum (Plot size: 15')				
1.				
2.				
	= Total Cover			

% Bare Ground in Herb Stratum 0

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	100	x 3 =	300
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	100 (A)		300 (B)

Prevalence Index = B/A = 3.000

Hydrophytic Vegetation Indicators:

- [ ] 1 - Rapid Test for Hydrophytic Vegetation
- [✓] 2 - Dominance Test is >50%
- [✓] 3 - Prevalence Index is ≤3.0[1]
- [ ] 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- [ ] 5 - Wetland Non-Vascular Plants[1]
- [ ] Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? (●) Yes ( ) No

Remarks:
Mixed grasses were not identified to species level due to recent vegetation disturbance causing no identifiable characteristics.

DRAFT

SOIL

Sampling Point: SP2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)		Matrix %	Redox Features Color (moist)		Redox %	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR	3/3	100						Silt loam	
3-16	10YR	4/2	90	10YR	4/4	10	C	PL&M	Silt loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1) (except MLRA 1)
- ☐ Loamy Gleyed Matrix (F2)
- ☑ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ☐ 2 cm Muck (A10)
- ☐ Red Parent Material (TF2)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? ◉ Yes ◯ No

Remarks:

DRAFT

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Surface Soil Cracks (B6)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ☐ Salt Crust (B11)
- ☐ Aquatic Invertebrates (B13)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres along Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Stunted or Stressed Plants (D1) (LRR A)
- ☐ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ☐ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☑ Saturation Visible on Aerial Imagery (C9)
- ☑ Geomorphic Position (D2)
- ☐ Shallow Aquitard (D3)
- ☐ FAC-Neutral Test (D5)
- ☐ Raised Ant Mounds (D6) (LRR A)
- ☐ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? ◯ Yes ◉ No Depth (inches): _____

Water Table Present? ◯ Yes ◉ No Depth (inches): _____

Saturation Present? (includes capillary fringe) ◯ Yes ◉ No Depth (inches): _____

Wetland Hydrology Present? ◉ Yes ◯ No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Saturation visible on Pierce County ortho photos from years: 2014, 2016, and 2017

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Bennett Property City/County: City of Sumner Sampling Date: 7/26/2021

Applicant/Owner: Sumner Parks State: WA Sampling Point: SP3

Investigator(s): D. Conlin, C. Stoker Section, Township, Range: S41. T20N, R05E

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): ____

Subregion (LRR): A Lat: 47.213418 Long: -122.225634 Datum: NAD83HARN

Soil Map Unit Name: Sultan silt loam, 0 to 2 percent slope NWI Classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? (●) Yes ( ) No (If no, explain in Remarks.)

Are Vegetation [✓], Soil [ ], or Hydrology [ ] significantly disturbed? Are "Normal Circumstances" present? ( ) Yes ( ) No

Are Vegetation [ ], Soil [ ], or Hydrology [ ] naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	(●) Yes	( ) No	**Is the Sampled Area within a Wetland?**	( ) Yes (●) No
Hydric Soil Present?	( ) Yes	(●) No		
Wetland Hydrology Present?	( ) Yes	(●) No		

Remarks:
Field that had been mowed within the past month.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 20')	Absolute % Cover	Dom. Sp.?	Relative % Cover	Indicator Status
1.				
2.				
3.				
4.				
	= Total Cover			

Sapling/Shrub Stratum (Plot size: 20')				
1.				
2.				
3.				
4.				
5.				
	= Total Cover			

Herb Stratum (Plot size: 20')				
1. *Mixed grasses*	65	**Y**	65.0	FAC
2. *Rubus armeniacus*	15	N	15.0	FAC
3. *Carex spp*	15	N	15.0	FAC
4. *Holcus lanatus*	5	N	5.0	FAC
5.				
6.				
7.				
8.				
9.				
10.				
11.				
	100	= Total Cover		

Woody Vine Stratum (Plot size: 15')				
1.				
2.				
	= Total Cover			

% Bare Ground in Herb Stratum 0

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	100	x 3 =	300
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	100 (A)		300 (B)

Prevalence Index = B/A = 3.000

Hydrophytic Vegetation Indicators:

- [ ] 1 - Rapid Test for Hydrophytic Vegetation
- [✓] 2 - Dominance Test is >50%
- [✓] 3 - Prevalence Index is ≤3.0[1]
- [ ] 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- [ ] 5 - Wetland Non-Vascular Plants[1]
- [ ] Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? (●) Yes ( ) No

Remarks:
Mixed grasses were not identified to species level due to recent vegetation disturbance causing no identifiable characteristics.

DRAFT

SOIL

Sampling Point: SP3

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)		%	Redox Features Color (moist)		%	Type[1]	Loc[2]	Texture	Remarks
0-7	2.5Y	4/3	90							
	2.5Y	4/4	10							
7-12	2.5Y	4/3	74	2.5Y	5/2	25	D	M		
				10YR	4/6	<1	C	M		
12-16	2.5Y	5/2	80	10YR	4/6	20	C	PL&M		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1) (except MLRA 1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ☐ 2 cm Muck (A10)
- ☐ Red Parent Material (TF2)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? ○ Yes ◉ No

Remarks:

DRAFT

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Surface Soil Cracks (B6)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ☐ Salt Crust (B11)
- ☐ Aquatic Invertebrates (B13)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres along Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Stunted or Stressed Plants (D1) (LRR A)
- ☐ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ☐ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☑ Geomorphic Position (D2)
- ☐ Shallow Aquitard (D3)
- ☐ FAC-Neutral Test (D5)
- ☐ Raised Ant Mounds (D6) (LRR A)
- ☐ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? ○ Yes ◉ No Depth (inches): _____

Water Table Present? ○ Yes ◉ No Depth (inches): _____

Saturation Present? (includes capillary fringe) ○ Yes ◉ No Depth (inches): _____

Wetland Hydrology Present? ○ Yes ◉ No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

APPENDIX D

Community Outreach Events

Seibenthaler Park & Bennett Property - Parks Master Plans Kickoff Survey

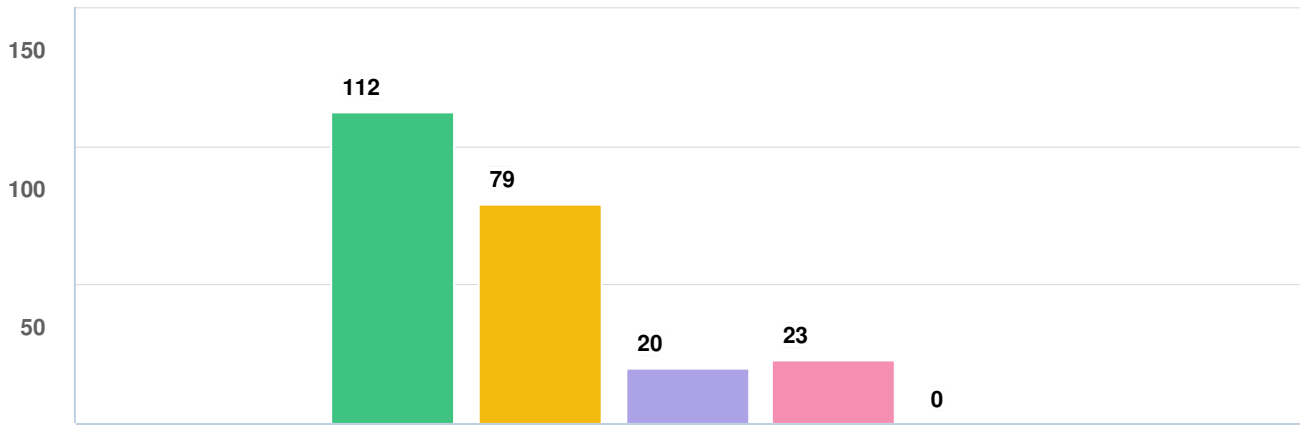
SURVEY RESPONSE REPORT
14 June 2019 - 07 September 2021

PROJECT NAME:
Sumner Parks and Trails: the Future

BANG THE TABLE engagementHQ

SURVEY QUESTIONS

Q1 Your community and experience - How are you connected to the community?

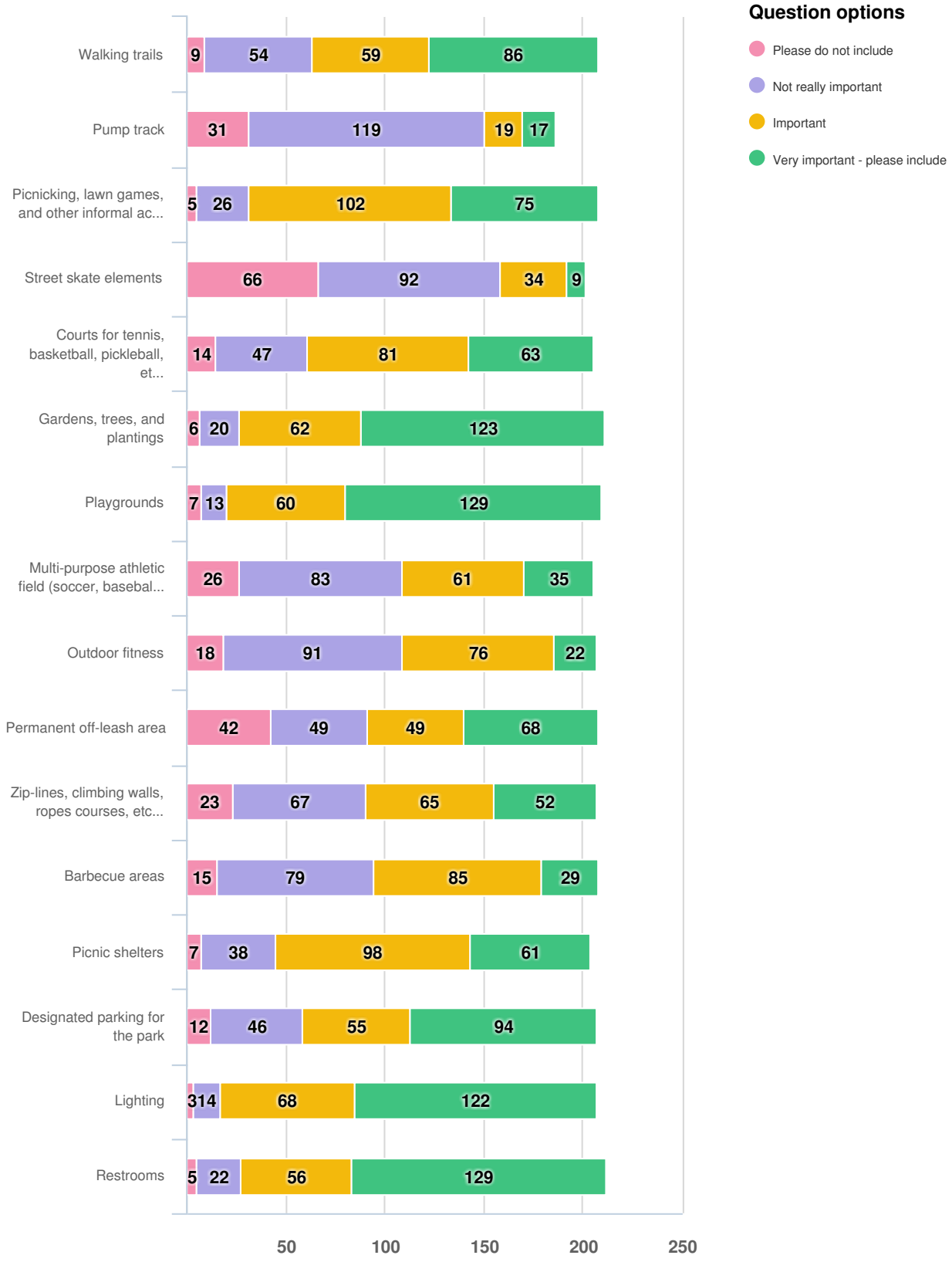


Question options

- I live north of Main Street
- I live south of Main Street
- I work or own a business in Sumner
- I am a frequent visitor to Sumner
- Other (please specify)

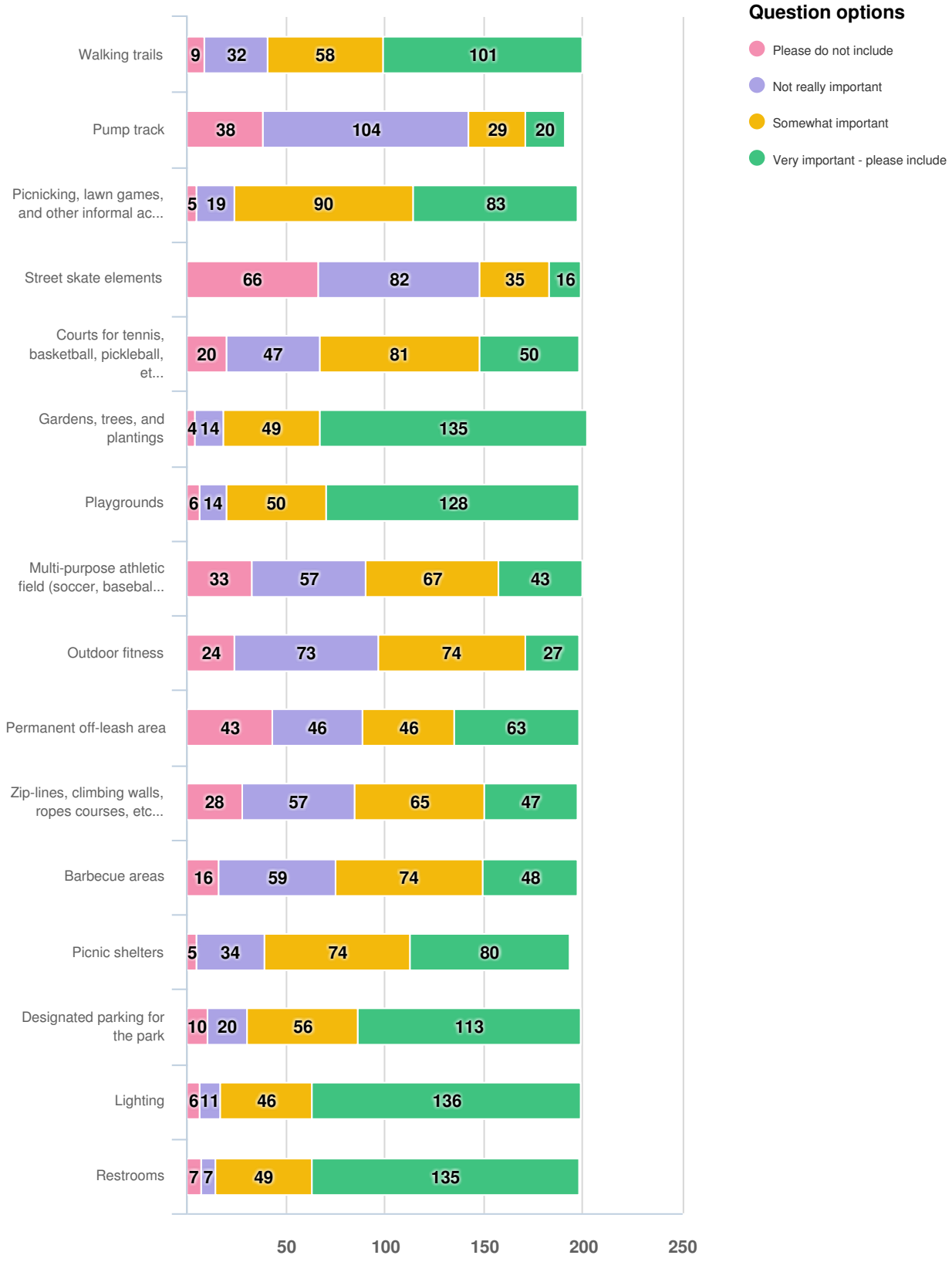
Mandatory Question (215 response(s))
Question type: Checkbox Question

Q2 How important is it to provide the following types of activities or improvements in the master plan for Seibenthaler Park?



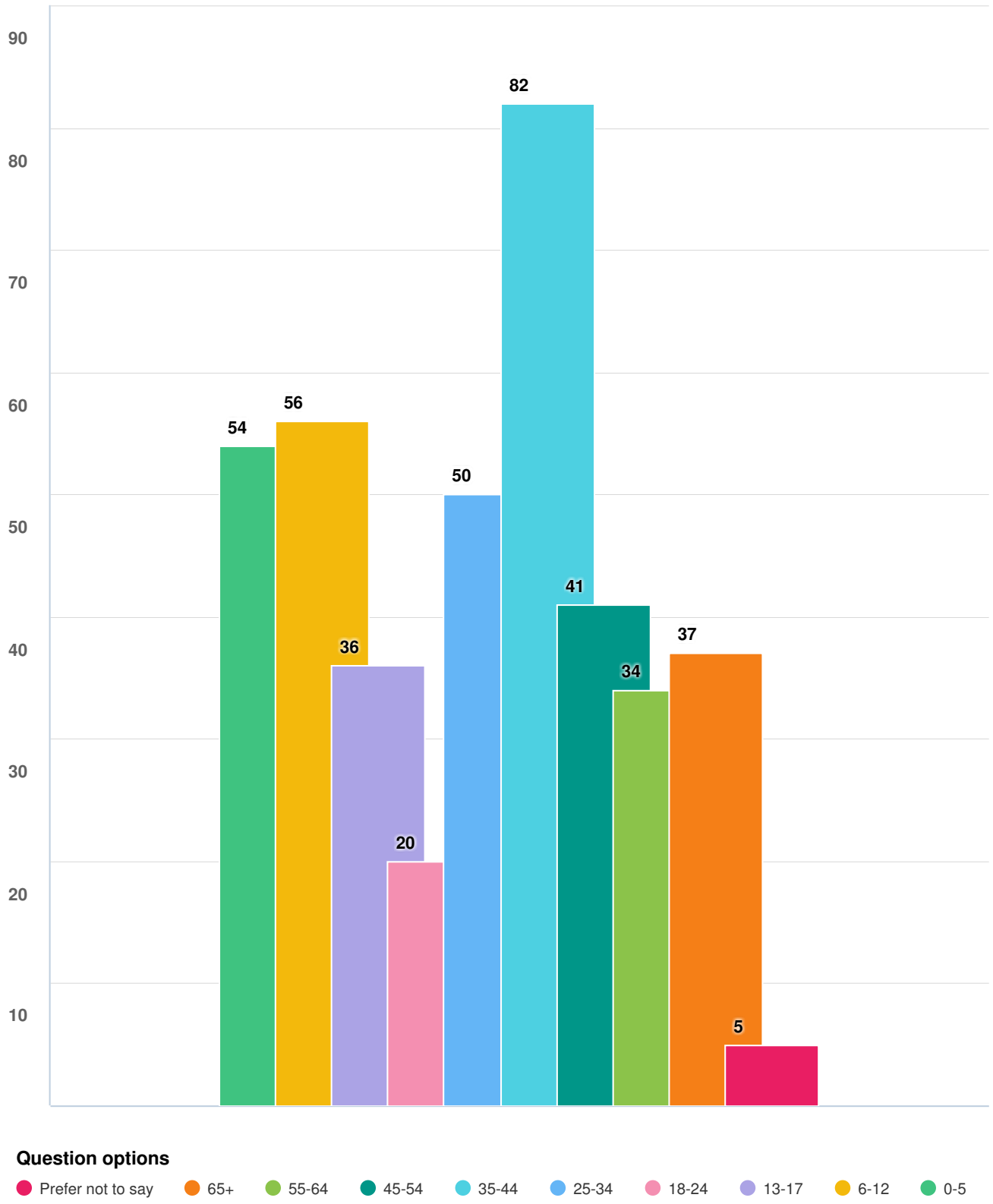
Optional question (213 response(s), 2 skipped)
Question type: Likert Question

Q4 How important is it to provide the following types of activities or improvements in the master plan for the Bennett Propert...



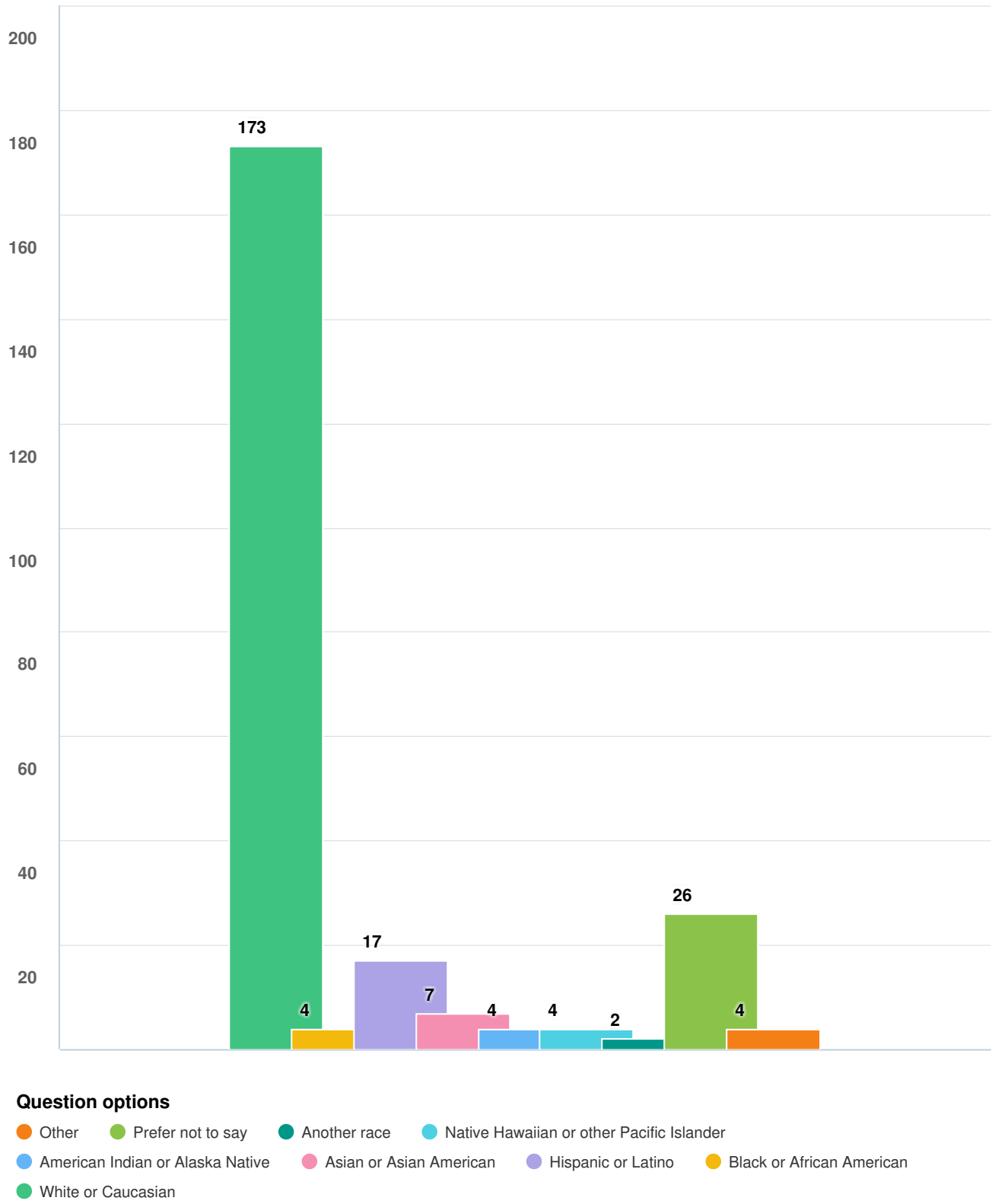
Optional question (204 response(s), 11 skipped)
Question type: Likert Question

Q6 How old are you and the other members of your household? (select all that apply)



Mandatory Question (215 response(s))
Question type: Checkbox Question

Q7 How would you best describe your ethnicity and the ethnicity of those in your household? (select all that apply)



Mandatory Question (215 response(s))
Question type: Checkbox Question

Open House - Concepts Survey

SURVEY RESPONSE REPORT

14 June 2019 - 30 November 2021

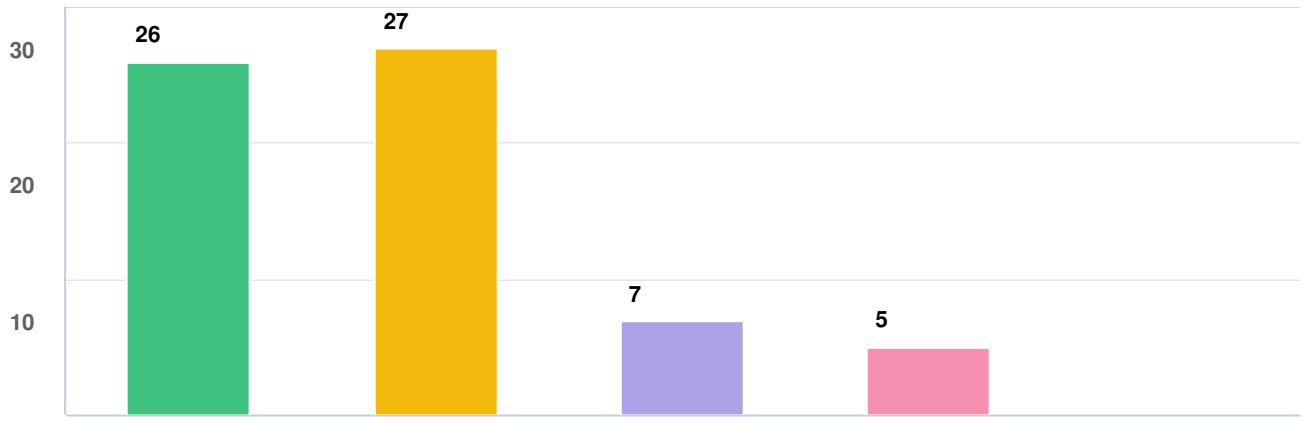
PROJECT NAME:

Sumner Parks and Trails: the Future

BANG THE TABLE engagementHQ

SURVEY QUESTIONS

Q1 How are you connected to the community?

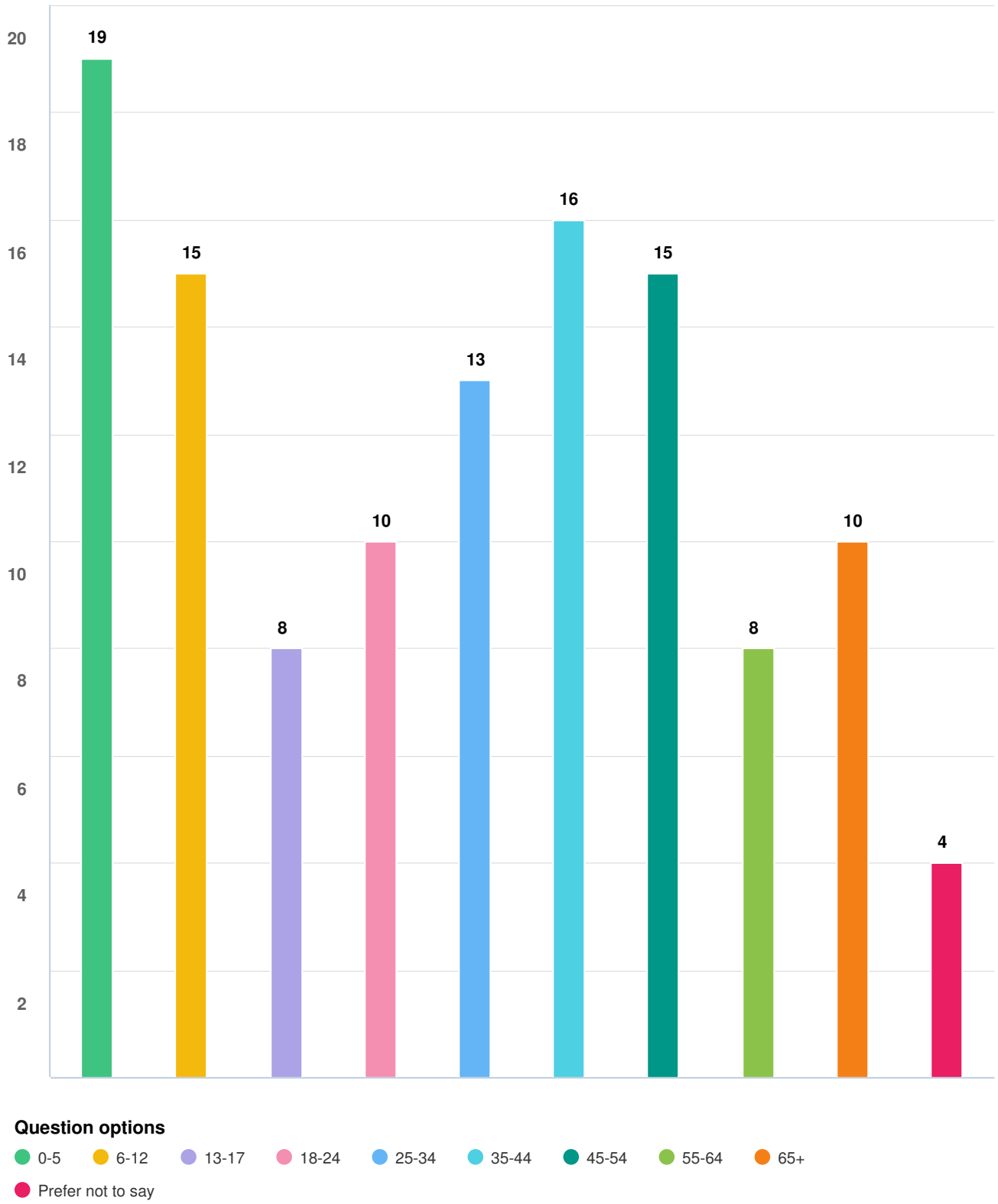


Question options

- I live north of Main Street.
- I live south of Main Street.
- I work or own a business in Sumner
- I visit Sumner frequently
- Other (please specify)

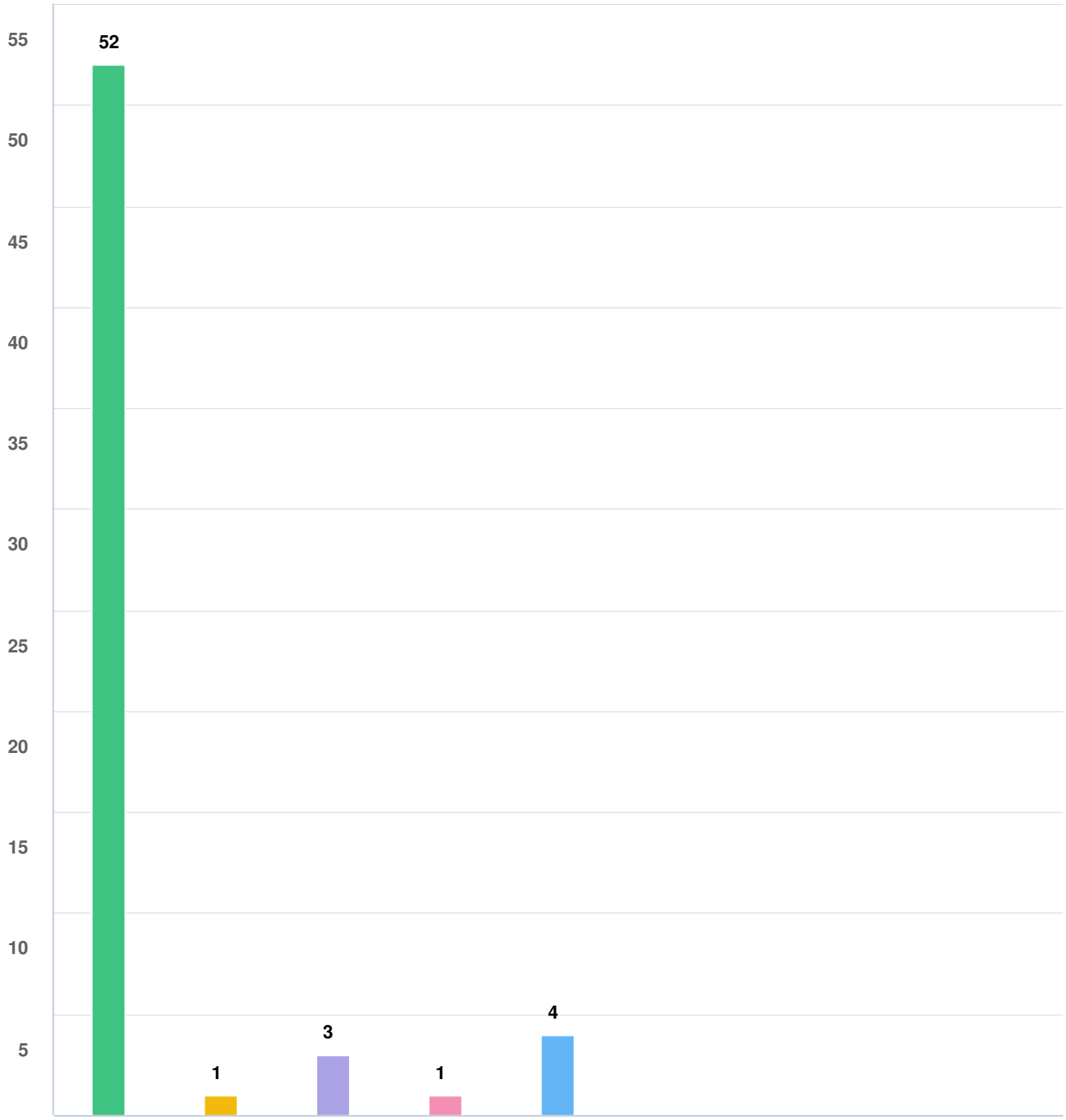
Mandatory Question (59 response(s))
Question type: Checkbox Question

Q12 How old are you and the other members of your household? (select all that apply)



Mandatory Question (59 response(s))
Question type: Checkbox Question

Q13 How would you best describe your ethnicity and the ethnicity of those in your household? (select all that apply)



Question options

- White or Caucasian
- Black or African American
- Asian or Asian American
- Native Hawaiian or other Pacific Islander
- Prefer not to say
- Hispanic or Latino
- American Indian or Alaska Native
- Another race
- Other (please specify)

Mandatory Question (59 response(s))
Question type: Checkbox Question

EXISTING CONDITIONS

BENNETT PROPERTY

Sumner Parks Master Plans
August 14, 2021

What activities would you like to do in the park?

¿Qué actividades les gustaría hacer en el parque?

The Bennett Property was purchased from Chris Bennett, founder of KRIZ and KYIZ AM radio stations. This site was previously home to the radio station and tower that broadcast regionally.

KRIZ 1420AM KYIZ 1620AM

2018 CONCEPT PLAN

SEIBENTHALER PARK

Sumner Parks Master Plans

August 14, 2021

HBB LANDSCAPE ARCHITECTURE

SUMNER TRAILS & PARKS: THE FUTURE

CITY OF SUMNER WASHINGTON

EXISTING CONDITIONS

SEIBENTHALER PARK

Sumner Parks Master Plans

August 14, 2021

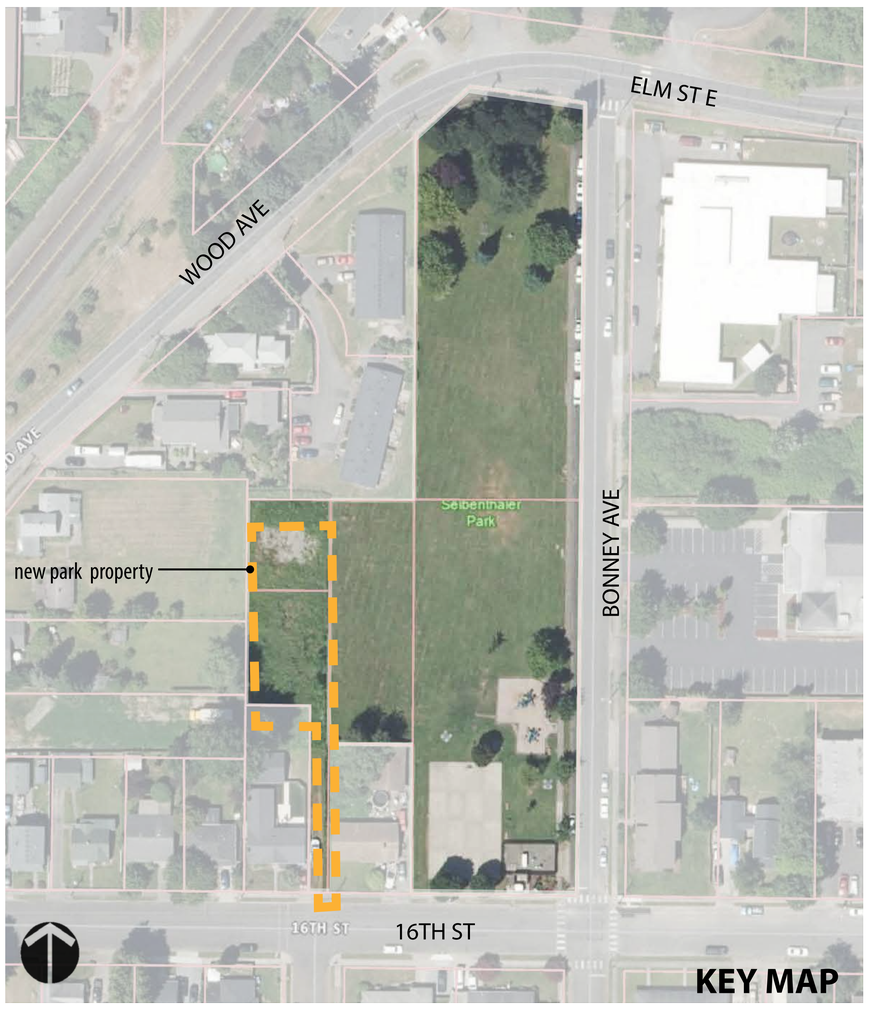
HBB LANDSCAPE ARCHITECTURE

SUMNER TRAILS & PARKS: THE FUTURE

CITY OF SUMNER WASHINGTON

What activities would you like to do in the park?

¿Qué actividades les gustaría hacer en el parque?



SEIBENTHALER PARK

Sumner Parks Master Plans

August 14, 2021

Seibenthaler Park and Bennett Property Master Planning

CITY OF SUMNER | PARKS & COMMUNITY DEVELOPMENT

INTRODUCTIONS

Derek Barry
Community Services Manager
City of Sumner

Juliet Vong
HBB Landscape Architecture
Consultant

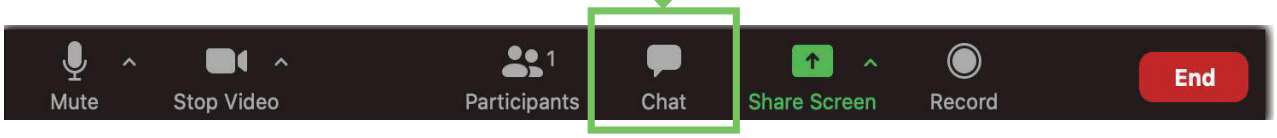
Michael Walton
HBB Landscape Architecture
Consultant

ZOOM MEETING FORMAT

1. Our panelists will be guiding the discussion.
2. We are here to have fun and participate in a safe manner!
3. Please keep yourself muted with the video off during the presentation, until the room moderator begins the Q/A portion of the meeting.
4. At any time, please use the chat feature to type your question and we will address them during the Q/A portion of the meeting.
5. Please participate and share your ideas even if they're different from others. Differing ideas are great!
6. We're going to make sure everyone gets a chance to share, so we may ask you to wait a bit as we give others a chance.
7. If you're just not comfortable sharing here, you can also share your ideas in other ways. We'll put in the chat links to the project page where you can comment online and an email address you can also use.

ZOOM MEETING INSTRUCTIONS:

Click this button to type a question or a comment for the presenters to address during the presentation or Q&A portion of the meeting.

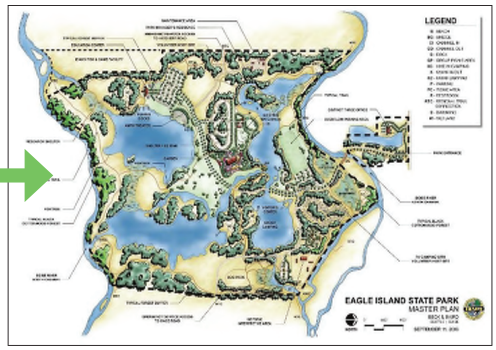


WHAT IS A MASTER PLAN?

Master plans are about expressing **a long-term vision** for your parks. Features shown in a master plan include the type of **activities** you might want to experience, like playgrounds and picnic areas, or the **programming** and **events** that you might want to occur in the park.

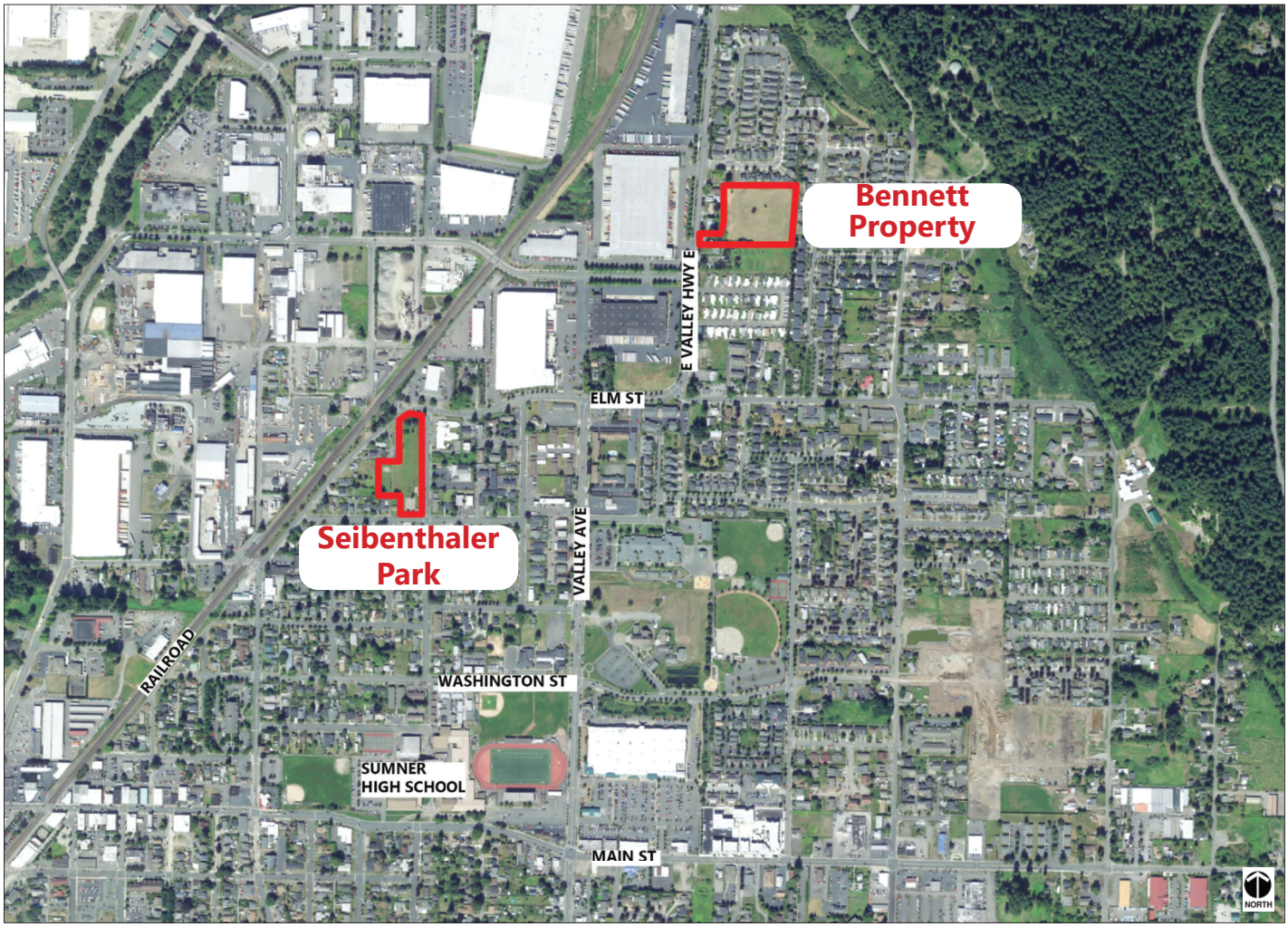
A master plan also includes the infrastructure and circulation needed to support those activities like walkways, parking, lighting, and restrooms. Ultimately, a master plan is intended to guide future implementation, with more detailed design and funding to follow at a later date.

It's critical that the master plan **reflect the vision, character, and values** important to you and your community.



PROJECT TIMELINE

CONTEXT MAP


Bennett Property
Seibenthaler Park
E VALLEY HWY E
ELM ST
VALLEY AVE
RAILROAD
WASHINGTON ST
SUMNER HIGH SCHOOL
MAIN ST
NORTH

COMPREHENSIVE PLAN BACKGROUND

SEIBENTHALER PARK - EXISTING SITE CONDITIONS

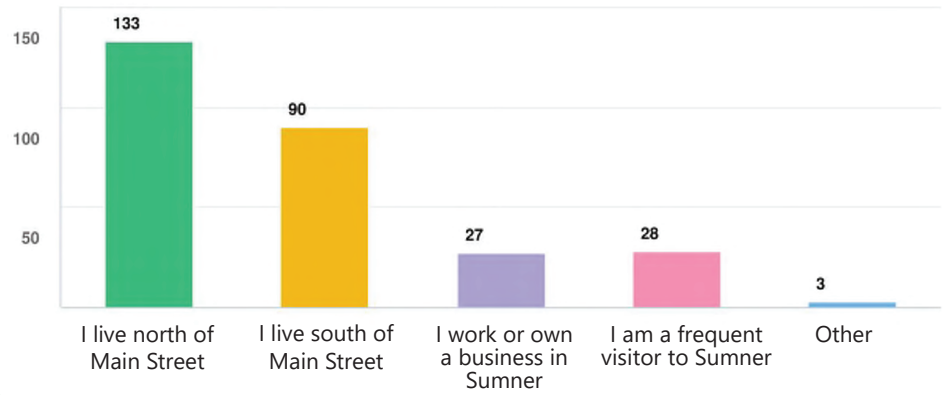
BENNETT PROPERTY - EXISTING SITE CONDITIONS

BENNETT PROPERTY SITE HISTORY

- Originally a farm, the property later housed a radio station and 3 associated radio towers.
- Kris Bennett Broadcasting purchased the property in 1987.
- After purchase, the Bennett Property became the location of a radio tower broadcasting The Z Twins AM radio stations, KRIZ and KYIZ.
- Kris Bennett is the founder and owner of the Seattle Medium newspaper, founded in 1970.
- As the newspaper became more successful he formed Kris Bennett Broadcasting, eventually owning radio stations in Seattle, Tacoma, and Portland, Oregon.
- Business partner Larry Williams said "His empire was built around issues and concerns of the Black community. Not only will he speak out on the issues and concerns of our communities, he worked hard to do something about them. He is more than just rhetorical; he is a doer"

POP-UP SURVEY RESPONSES - GENERAL

How are you connected to the community?



256 *respondents*

Feedback we heard:

"PICKLEBALL!! Also a splash pad somewhere in Sumner would be AMAZING!"

"Swings!! :)"

"It would be nice to have a non-paved running/walking trail with mile markers going around the park."

"Bike racks. It's nice to be able to bike and lock your bikes at parks."

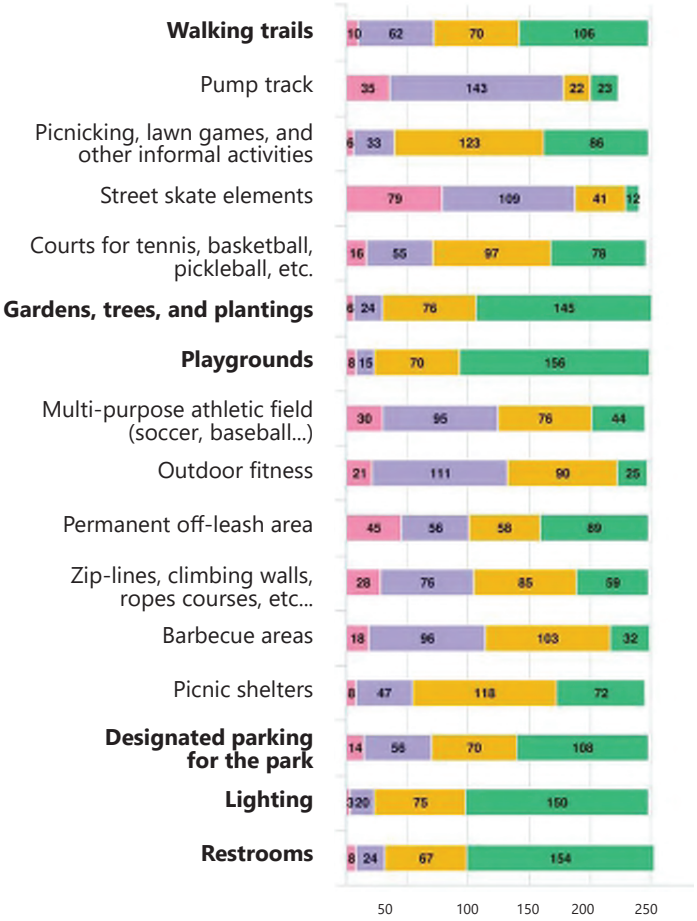
"Lots of trees and shaded areas!!!"

"Dog poop station and a designated trash can would be great!"

"Inclusive for handicapped children please"

POP-UP SURVEY RESPONSES - SEIBENTHALER PARK

How important is it to provide the following types of activities or improvements in the master plan for Seibenthaler Park?



- Very important - please include
- Important
- Not really important
- Please do not include

POP-UP SURVEY RESPONSES - BENNETT PROPERTY

How important is it to provide the following types of activities or improvements in the master plan for the Bennett Property?

EXAMPLES OF PARK ACTIVITIES

WETLANDS

PEDESTRIAN ENTRANCE

PLANTING

DOG PARK

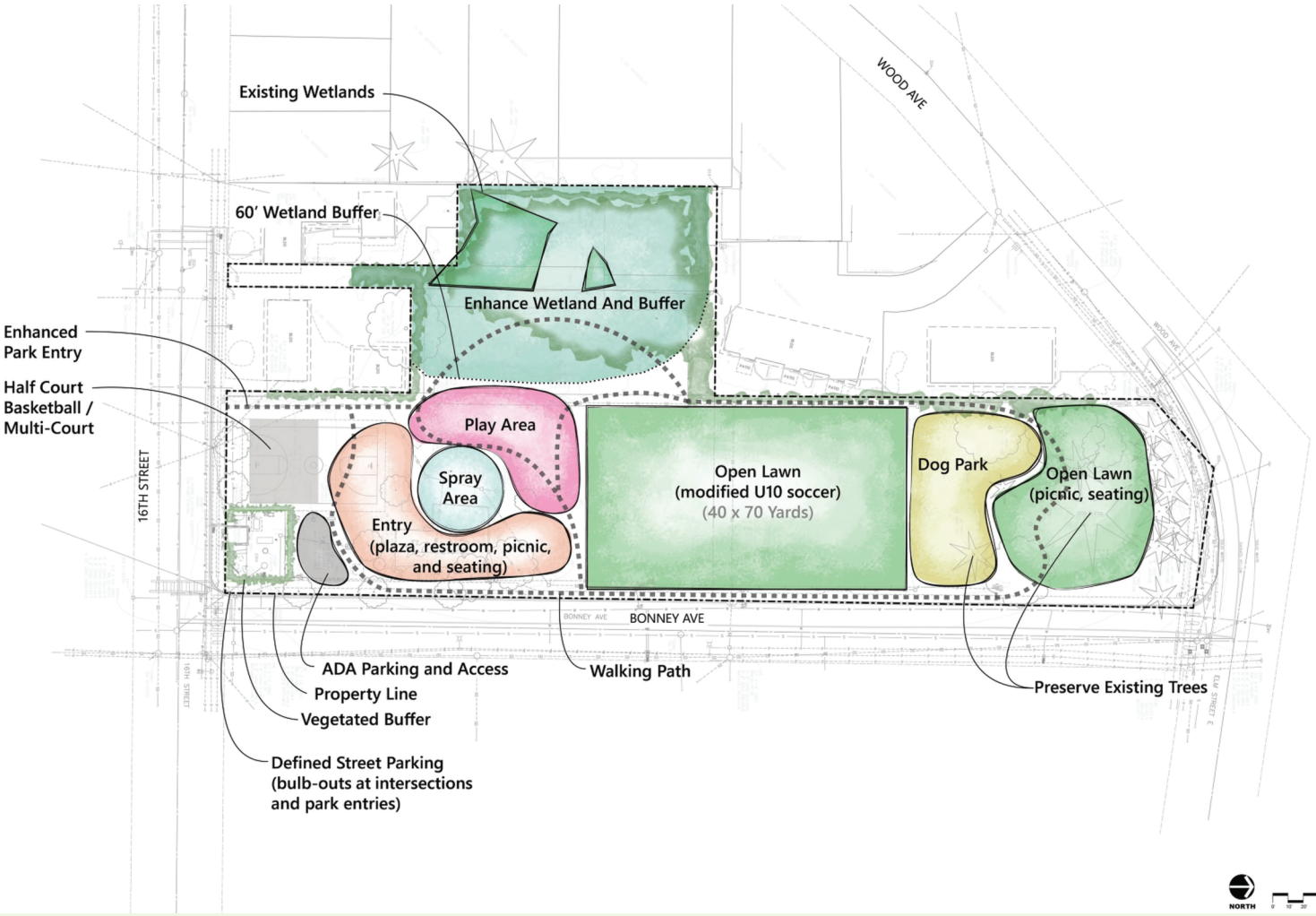
EXAMPLES OF PARK ACTIVITIES

PLAYGROUNDS

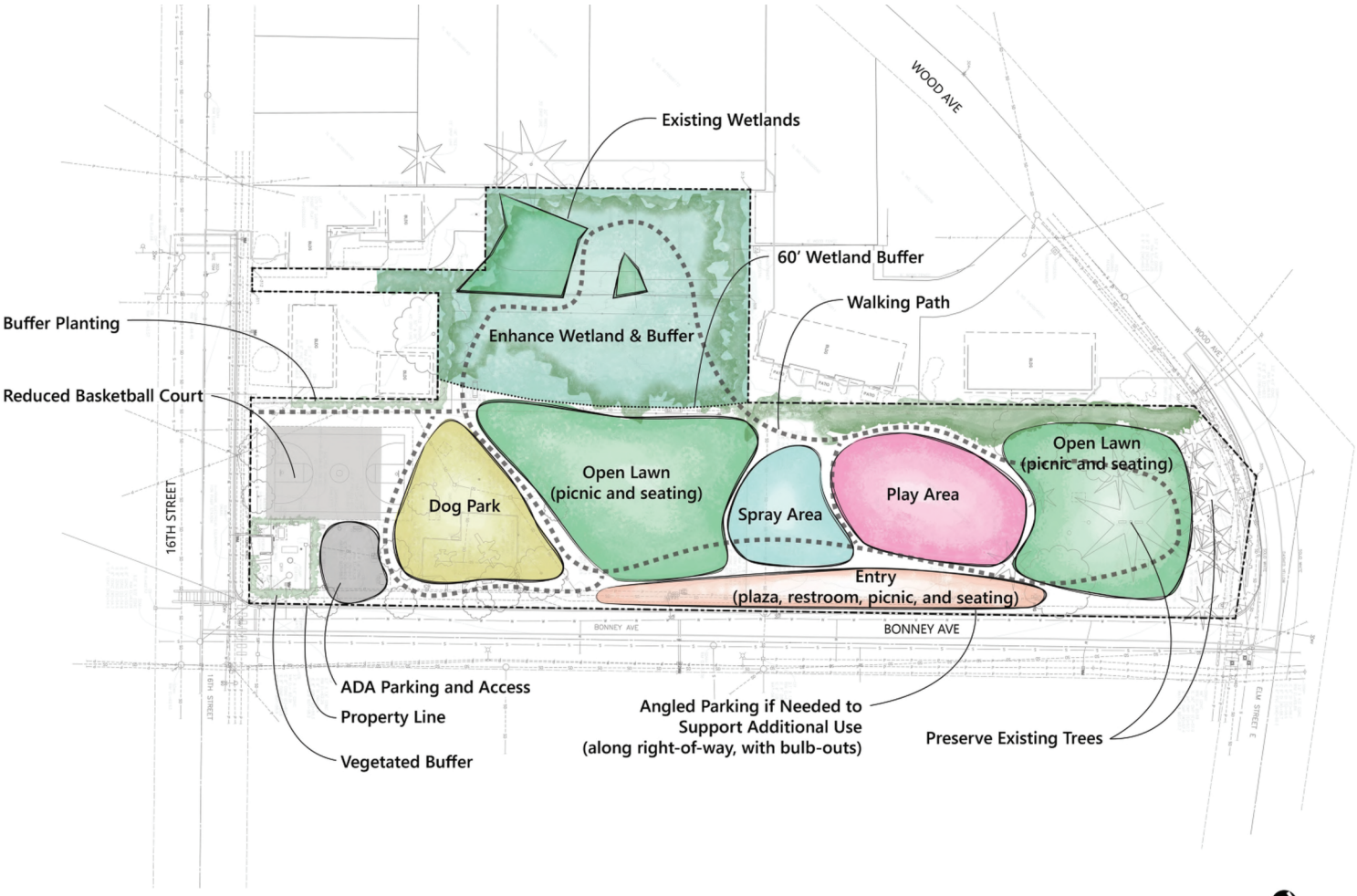
SHELTERS

SPRAY PARKS

SEIBENTHALER PARK - CONCEPT 1



SEIBENTHALER PARK - CONCEPT 2



BENNETT PROPERTY - CONCEPT 1

BENNETT PROPERTY - CONCEPT 2

BENNETT PROPERTY - CONCEPT 3

WE WANT TO HEAR MORE FROM YOU . . .

Go online to the project website and **take our survey**....tell us what you think about the concepts shown for each park!

1. *What do you like about each concept?*
2. *Is there anything you don't like or would change? Is there anything missing?*
3. *If you had to pick one preferred concept for each park, which concept would you choose and why?*
4. *Is there anything else you would like us to know as we develop a preferred concept for each park?*

WE WANT TO HEAR FROM YOU!

Q&A

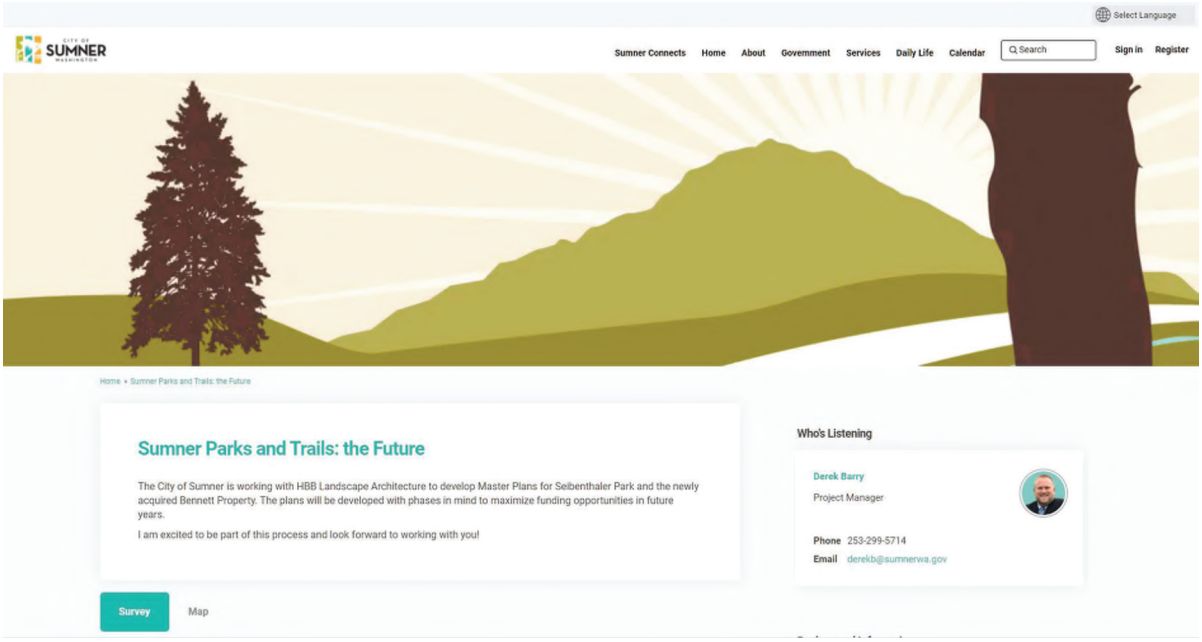
HOW YOU CAN STAY INVOLVED

PROJECT WEBSITE:

- To stay up to date and learn more, visit the project website:

  https://connects.sumnerwa.gov/sumner-trails-and-parks-the-future

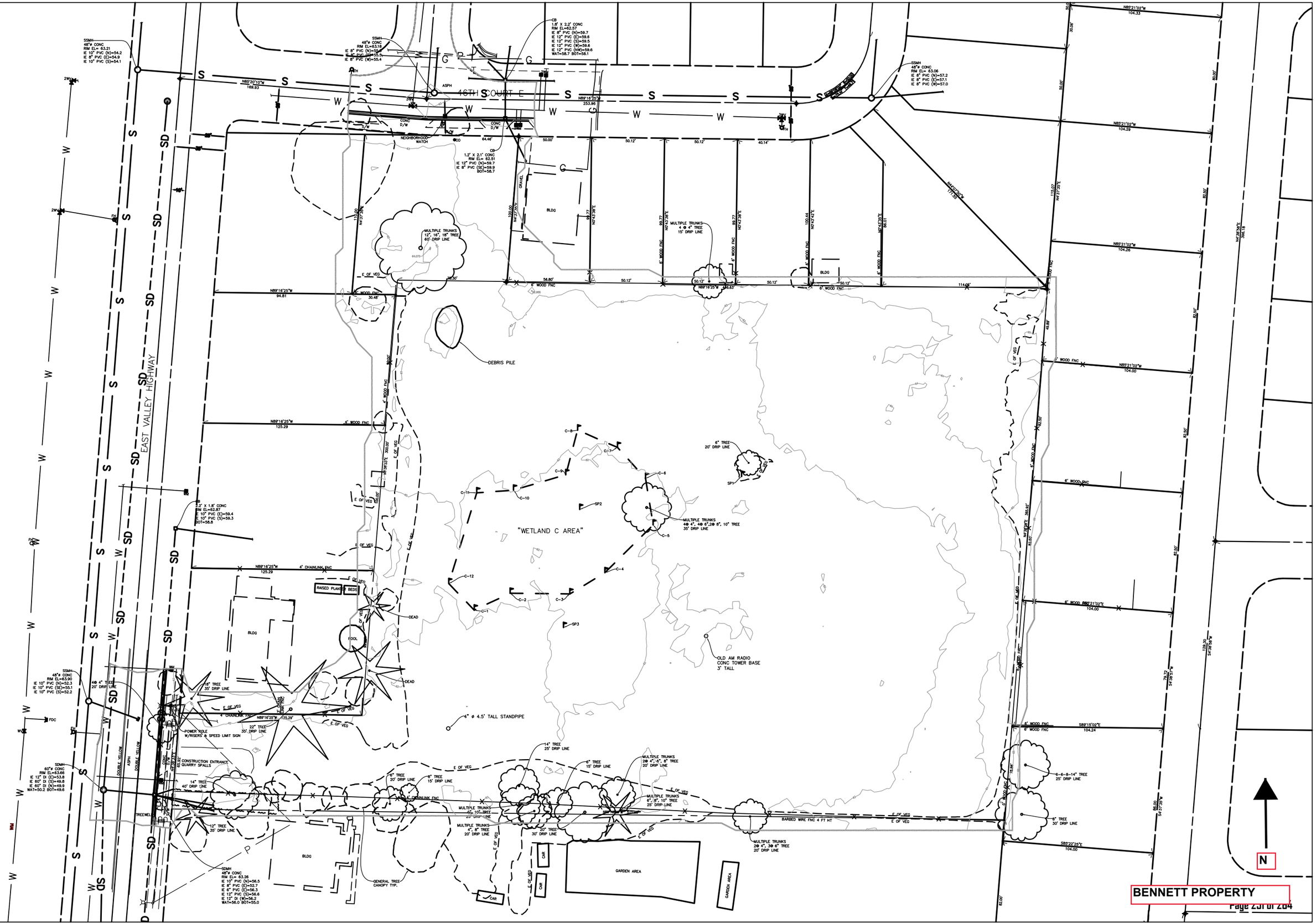
- A survey link is provided on the project website to provide feedback and help inform the process



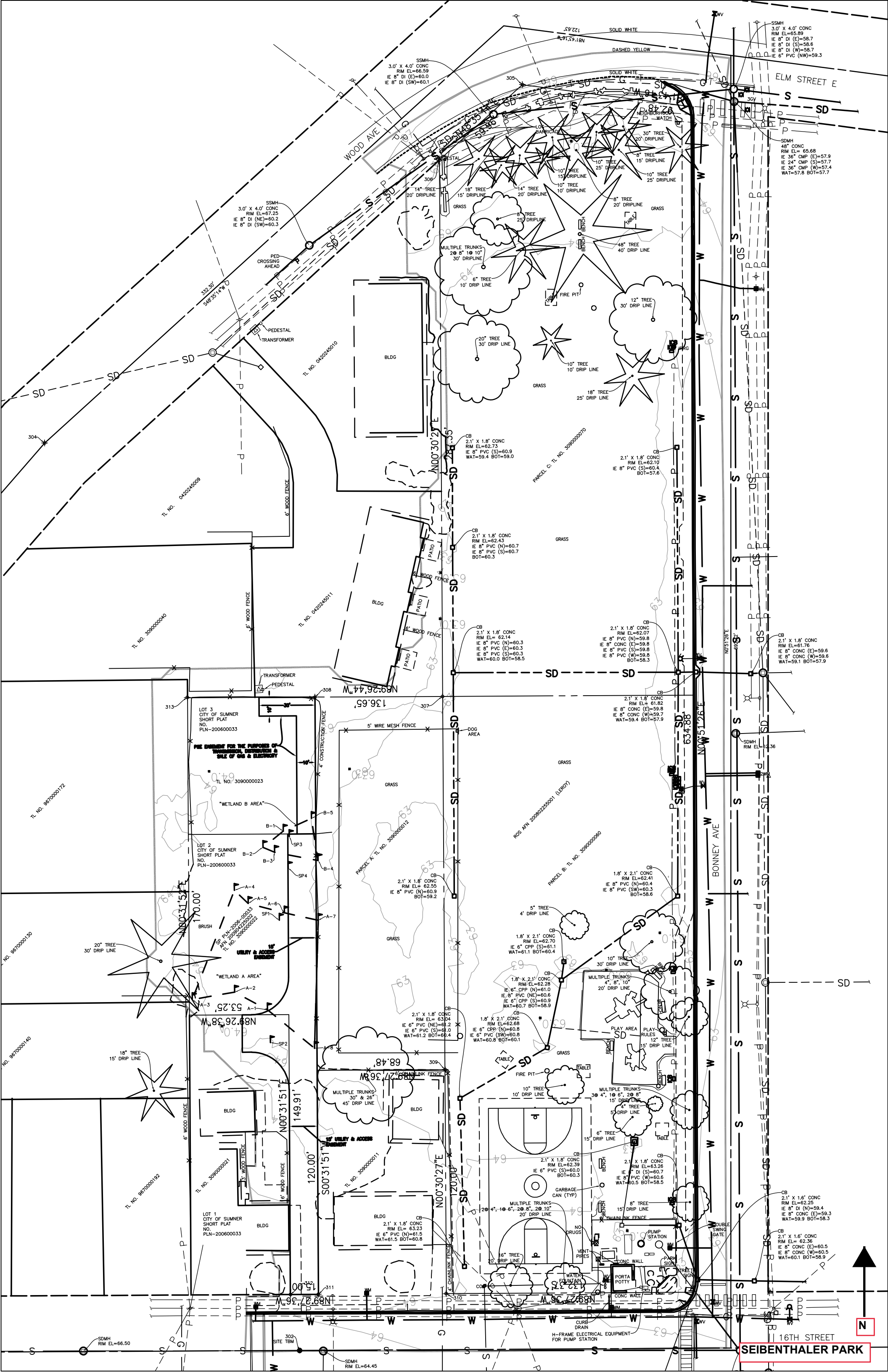
THANK YOU!

APPENDIX E

Site Surveys



BENNETT PROPERTY


ELM STREET E
WOOD AVE
BONNEY AVE
16TH STREET
SEIBENTHALER PARK
N
SOLID WHITE
DASHED YELLOW
SOLID WHITE
SSMH
3.0' X 4.0' CONC
RIM EL=65.89
IE 8" DI (E)=58.7
IE 8" DI (S)=58.6
IE 8" DI (W)=58.7
IE 6" PVC (NW)=59.3
SDMH
48" CONC
RIM EL= 65.68
IE 36" CMP (E)=57.9
IE 24" CMP (S)=57.7
IE 36" CMP (W)=57.4
WAT=57.8 BOT=57.7
SSMH
3.0' X 4.0' CONC
RIM EL=66.59
IE 8" DI (E)=60.0
IE 8" DI (SW)=60.1
SSMH
3.0' X 4.0' CONC
RIM EL=67.25
IE 8" DI (NE)=60.2
IE 8" DI (SW)=60.3
PED CROSSING AHEAD
PEDESTAL
TRANSFORMER
LOG BARRICADE
NEIGHBORHOOD WATCH
30" TREE 20' DRIPLINE
8" TREE 15' DRIPLINE
10" TREE 25' DRIPLINE
10" TREE 15' DRIPLINE
10" TREE 10' DRIPLINE
14" TREE 20' DRIPLINE
18" TREE 15' DRIPLINE
8" TREE 20' DRIPLINE
8" TREE 25' DRIPLINE
48" TREE 40' DRIP LINE
MULTIPLE TRUNKS 2@ 8" 1@ 10" 30' DRIPLINE
6" TREE 10' DRIP LINE
FIRE PIT
12" TREE 30' DRIP LINE
20" TREE 30' DRIP LINE
10" TREE 10' DRIP LINE
18" TREE 25' DRIP LINE
GRASS
BENCH
TABLE
BLDG
TL NO. 0420245010
TL NO. 0420245009
TL NO. 0420245011
TL NO. 3090000040
6' WOOD FENCE
PATIO
PARCEL C: TL NO. 3090000070
CB
2.1' X 1.8' CONC
RIM EL=62.73
IE 8" PVC (S)=60.9
WAT=59.4 BOT=59.0
CB
2.1' X 1.8' CONC
RIM EL=62.43
IE 8" PVC (N)=60.7
IE 8" PVC (S)=60.7
BOT=60.3
CB
2.1' X 1.8' CONC
RIM EL= 62.14
IE 8" PVC (N)=60.3
IE 8" PVC (E)=60.3
IE 8" PVC (S)=60.3
WAT=60.0 BOT=58.5
CB
2.1' X 1.8' CONC
RIM EL=62.07
IE 8" PVC (N)=59.8
IE 8" CONC (E)=59.8
IE 8" PVC (S)=59.8
IE 8" PVC (W)=59.8
BOT=58.3
CB
2.1' X 1.8' CONC
RIM EL=61.76
IE 8" CONC (E)=59.6
IE 8" CONC (W)=59.6
WAT=59.1 BOT=57.9
CB
2.1' X 1.8' CONC
RIM EL= 61.82
IE 8" CONC (E)=59.8
IE 8" CONC (W)=59.7
WAT=59.4 BOT=57.9
SDMH
RIM EL=62.36
N89°26'44"W
136.65'
634.88'
N00°51'26"E
N00°30'27"E
N00°31'51"E
170.00'
149.91'
120.00'
S00°31'51"E
N89°27'36"W
68.48'
53.25'
15.00'
332.30'
S48°35'14"W
PSE EASEMENT FOR THE PURPOSES OF TRANSMISSION, DISTRIBUTION & SALE OF GAS & ELECTRICITY
15' UTILITY & ACCESS EASEMENT
4' CONSTRUCTION FENCE
5' WIRE MESH FENCE
DOG AREA
LOT 3 CITY OF SUMNER SHORT PLAT NO. PLN-200600033
LOT 2 CITY OF SUMNER SHORT PLAT NO. PLN-200600033
LOT 1 CITY OF SUMNER SHORT PLAT NO. PLN-200600033
TL NO. 3090000023
"WETLAND B AREA"
"WETLAND A AREA"
SP PLN-2006-00033 AFN 200904225002 TL NO. 3090000022
TL NO. 3090000012
PARCEL A: TL NO. 3090000012
PARCEL B: TL NO. 3090000060
ROS AFN 200802255001 (LEROY)
TL NO. 9670000172
TL NO. 9670000130
TL NO. 9670000140
TL NO. 9670000192
TL NO. 3090000021
TL NO. 3090000011
BRUSH
PLAY AREA
PLAY RULES
12" TREE 15' DRIP LINE
5" TREE 4' DRIP LINE
10" TREE 30' DRIP LINE
MULTIPLE TRUNKS 4", 8", 10" 20' DRIP LINE
MULTIPLE TRUNKS 30" & 26" 45' DRIP LINE
MULTIPLE TRUNKS 3@ 4", 1@ 6", 2@ 8" 15' DRIP LINE
4" TREE 5' DRIP LINE
6" TREE 15' DRIP LINE
GARBAGE CAN (TYP)
MULTIPLE TRUNKS 2@ 4", 1@ 6", 2@ 8", 2@ 10" 20' DRIP LINE
8" TREE 15' DRIP LINE
16" TREE 20' DRIP LINE
NO DRUGS
VENT PIPES
PUMP STATION
CONC WALL
PORTA POTTY
WATER FOUNTAIN
PARK SIGN
STREET SIGN
DOUBLE SWING GATE
CURB DRAIN
H-FRAME ELECTRICAL EQUIPMENT FOR PUMP STATION
CB
2.1' X 1.8' CONC
RIM EL= 63.04
IE 6" PVC (NE)=61.2
IE 6" PVC (S)=61.0
WAT=61.2 BOT=60.4
CB
2.1' X 1.8' CONC
RIM EL= 63.04
IE 6" PVC (NE)=61.2
IE 6" PVC (S)=61.0
WAT=61.2 BOT=60.4
CB
1.8' X 2.1' CONC
RIM EL=62.41
IE 8" PVC (N)=60.4
IE 8" PVC (SW)=60.3
BOT=58.6
CB
1.8' X 2.1' CONC
RIM EL=62.70
IE 6" CPP (S)=61.1
WAT=61.1 BOT=60.4
CB
1.8' X 2.1' CONC
RIM EL=62.28
IE 6" CPP (N)=61.0
IE 8" PVC (NE)=60.6
IE 6" CPP (S)=60.9
WAT=60.7 BOT=58.9
CB
1.8' X 2.1' CONC
RIM EL=62.68
IE 6" CPP (N)=60.8
IE 6" PVC (SW)=60.8
WAT=60.8 BOT=60.1
CB
2.1' X 1.8' CONC
RIM EL=63.26
IE 8" DI (S)=60.7
IE 8" PVC (W)=60.6
WAT=60.5 BOT=58.5
CB
2.1' X 1.8' CONC
RIM EL= 63.23
IE 6" PVC (N)=61.5
WAT=61.5 BOT=60.8
CB
2.1' X 1.8' CONC
RIM EL= 62.55
IE 8" PVC (N)=60.9
BOT=59.2
CB
2.1' X 1.6' CONC
RIM EL=62.25
IE 8" DI (N)=59.4
IE 8" CONC (E)=59.3
WAT=59.9 BOT=58.3
CB
2.1' X 1.6' CONC
RIM EL= 62.36
IE 8" CONC (E)=60.5
IE 8" CONC (W)=60.5
WAT=60.1 BOT=58.9
SDMH
RIM EL=66.50
SITE TBM
SDMH
RIM EL=64.45

APPENDIX F

Cost Estimate

Estimate of
Probable Cost of Construction

HBB Landscape Architecture

Date: March 3, 2022

Project Name: Sumner Parks/ Seibenthaler Park Master Plan
Project Number: 2021-19
Project Phase: Master Planning
Prepared By: Michael Walton/ Jack O'Hea
Checked By: Juliet Vong

Park Improvement total: $8,510,629.87

Park Improvements

Item	Description	Qty	Unit	Unit Cost	Item Total	
1.00	**Demolition/Site Preparation**					**$100,867.50**
1.01	Tree Protection Fence	840	LF	$4.50	$3,780.00	
1.02	Construction Access (quarry spall)	200	CY	$50.00	$10,000.00	
1.03	Site Clearing and Grubbing (4" depth)	2.0	AC	$12,000.00	$24,000.00	
1.04	Clear Brush and Sapling	0.30	AC	$10,500.00	$3,150.00	
1.05	Existing Tree Removal (6"-12" DBH)	11	EA	$600.00	$6,600.00	
1.06	Existing Tree Removal (24"-36" DBH)	2.00	EA	$750.00	$1,500.00	
1.07	Construction Fence (6' chainlink)	2,025	LF	$14.00	$28,350.00	
1.08	Silt Fence	2,325	LF	$5.50	$12,787.50	
1.09	TESC (temporary erosion & sediment control)	2.20	AC	$4,000.00	$8,800.00	
1.10	Inlet Protection	19	EA	$100.00	$1,900.00	
2.00	**Earthwork**					**$73,850.00**
2.01	Balance Cut/Fill on Site (6" average depth, entire area)	3,450	CY	$7.00	$24,150.00	
2.02	Import Fill (non-structural fill)	1,000	CY	$20.00	$20,000.00	
2.03	Rough Grading (entire area)	2.2	AC	$9,000.00	$19,800.00	
2.04	Finish Grading (entire area)	2.2	AC	$4,500.00	$9,900.00	
3.00	**Site Utilities / Drainage**					**$210,715.00**
3.01	Relocate or Demo Existing Utilities OR demo	1	LS	$40,000.00	$40,000.00	
3.02	Water Meter & Service (1-1/2" irrigation and 1" domestic water)	1	LS	$52,870.00	$52,870.00	
3.03	Electrical Service	1	LS	$15,000.00	$15,000.00	
3.04	Area Drain	5	EA	$1,000.00	$5,000.00	
3.05	Drainage Pipe					
	Subsurface drainage systems - 4" lateral pipe	2,000	LF	$10.00	$20,000.00	
	Subsurface drainage systems - 8" collector pipe	650	LF	$12.00	$7,800.00	
	PVC - 6" Diameter	275	LF	$30.00	$8,250.00	
	PVC - 8" Diameter	735	LF	$35.00	$25,725.00	
3.06	Catch Basin (Type 1)	8	EA	$1,500.00	$12,000.00	
3.07	Catch Basin (Type 2)	4	EA	$2,500.00	$10,000.00	
3.08	PVC 6" Sanitary	210	LF	$40.00	$8,400.00	
3.09	Santariy Cleanouts	3	EA	$1,890.00	$5,670.00	
4.00	**Paving**					**$602,608.40**
4.01	Concrete Paving (broom finish w/ tool joint)	14,561	SF	$8.00	$116,488.00	
4.02	Concrete Paving (enhanced paving with unique texture & scoring)	7,843	SF	$20.00	$156,860.00	
4.03	Concrete ADA Ramp	2	EA	$3,400.00	$6,800.00	
4.04	Crushed Stone Surfacing (3" depth, 4" depth base)	27,318	SF	$10.00	$273,180.00	
4.05	Mow Strip (between dog park and lawn)	1,643	LF	$30.00	$49,280.40	
5.00	**Site Improvements**					**$2,789,380.65**
5.01	Trash/Recycle Receptacle	12	EA	$1,500.00	$18,000.00	
5.02	Bench (8' length)	10	EA	$2,500.00	$25,000.00	
5.03	Picnic Table w/ Seating & concrete pad	10	EA	$5,000.00	$50,000.00	
5.04	Bike Rack	3	EA	$2,200.00	$6,600.00	
5.05	Lighting (site)	9	EA	$2,500.00	$22,500.00	
	Lighting (building)	1	LS	$5,000.00	$5,000.00	
	Lighting (pedestrian)	7	EA	$2,500.00	$17,500.00	
5.06	Playground (play structures, for multiple age ranges)	1	LS	$350,000.00	$350,000.00	
5.07	Shade Sail Structures	4	EA	$120,000.00	$480,000.00	
5.08	Fencing (premanufactured steel or ornamental iron)	65	LF	$120.00	$7,800.00	
5.09	Sports Court (concrete paving)	2,100	SF	$8.00	$16,800.00	
5.10	Basketball Court (pole, hoop, striping)	1	EA	$5,000.00	$5,000.00	
5.11	Play Area Surfacing (at playground, poured in place rubberized)	4,590	SF	$25.00	$114,747.25	
5.12	Signage-Kiosk	1	EA	$10,000.00	$10,000.00	

5.13 Pedestrian Emergency Phone	1	LS	$4,000.00	$4,000.00	
5.14 Drinking Fountain, ADA accessible @ spray park	1	EA	$16,000.00	$16,000.00	
5.15 Drinking Fountain: Dog drinking fountain w/ anti-freeze valves	1	EA	$17,000.00	$17,000.00	
5.16 Picnic Shelter (standard)	1	EA	$100,000.00	$100,000.00	
5.17 Spray Park (including equipment)	1	LS	$1,000,000.00	$1,000,000.00	
5.18 Permanent Restroom Building	1	LS	$350,000.00	$350,000.00	
5.19 Dog Park Surfacing (mulch or pea-gravel at a 12" depth)	8,215	SF	$10.00	$82,145.10	
5.20 Fencing (6' height cedar)	678	LF	$60.00	$40,653.60	
5.21 Fencing (4' height black vinyl)	395	LF	$45.00	$17,759.70	
5.22 Pedestrian Bridge in wetland buffer, including area for lookout	1	LS	$15,000.00	$15,000.00	
5.23 Green Screen/Trellis to screen utility yard	45	LF	$175.00	$7,875.00	
5.23 New park sign	1	LS	$10,000.00	$10,000.00	
6.00 Planting					**$703,781.89**
6.01 Trees	87	EA	$450.00	$39,150.00	
6.02 Ornamental Planting (1 gal plants @ 18" OC spacing)	2,692	SF	$10.00	$26,920.00	
6.03 Stormwater Planting	3,900	SF	$7.00	$27,302.03	
6.04 Shrubs & Groundcover (non-wetland Buffer Planting)	9,578	SF	$7.00	$67,048.03	
6.05 Shrubs & Groundcover (wetland buffer planting)	15,207	SF	$7.00	$106,448.93	
6.06 Enhance Existing Wetland (planting soil, mulch & planting)	3,537	SF	$4.00	$14,148.00	
6.07 Planting Soil (18" depth buffers, 24" depth planters, 12" Lawn area)	2,297	CY	$60.00	$137,820.00	
6.08 Bioretention/Raingarden Soil (24" depth in raingardens)	129	CY	$65.00	$8,385.00	
6.09 Seeding, Fertilizing, & Mulching	17,389	SF	$1.25	$21,735.65	
6.10 Artificial turf (west of spray park)	3,461	SF	$25.00	$86,525.00	
6.11 Wood Chip Mulch (4" depth)	203	CY	$45.00	$9,135.00	
6.12 Silva Cells	1	LS	$5,000.00	$5,000.00	
6.13 Root Barrier (18" Depth)	958	LF	$15.00	$14,370.00	
6.14 Silva Cells (to support trees in entry planter)	1	LS	$5,000.00	$5,000.00	
6.15 Plant Establishment (10% of plant cost)	1	LS		$28,101.70	
7.00 Irrigation					
7.01 Automatic Spray Irrigation	6640	SF	$3.50	$23,240.00	
7.02 Spray Rotor Head Irrigation, lawn areas	17,389	SF	$2.50	$43,471.30	
7.03 Temporary Irrigation for Establishment (buffer areas)	24,785	SF	$1.25	$30,981.25	
7.04 Irrigation Point of Connection (allowance for renovations)	1	LS	$3,500.00	$3,500.00	
7.05 Irrigation Controller	1	LS	$5,500.00	$5,500.00	

	Subtotal (1)	*$4,481,203.44*	*$4,481,203.44*
Sales Tax (9.4%)		$421,233.12	
	Construction Total	*$4,902,436.56*	
Mobilization (12%)		$588,292.39	
Design (20%)		$1,098,145.79	
Admin/Permitting Fees (5%)		$274,536.45	
Contingency (30%)		$1,647,218.68	
	Total Project Cost	**$8,510,629.87**	

NOTE: All costs are based on 2022 estimated cost of construction. Escallation is not included.

Estimate of
Probable Cost of Construction

HBB Landscape Architecture

Date: March 3, 2022

Project Name: Sumner Parks/ Seibenthaler Park Master Plan
Project Number: 2021-19
Project Phase: Master Planning
Prepared By: Michael Walton/ Jack O'Hea
Checked By: Juliet Vong

ROW Improvement total: $668,229.51

ROW Improvements

Item	Description	Qty	Unit	Unit Cost	Item Total	
1.00	**Demolition/Site Preparation**					**$20,975.86**
1.01	Tree Protection Fence	328	LF	$4.50	$1,477.22	
1.02	Construction Fence (6' chainlink)	1,284	LF	$14.00	$17,976.14	
1.03	Inlet Protection	1	EA	$100.00	$100.00	
1.04	TESC	0.06	AC	$4,000.00	$240.00	
1.05	Silt fence	215.00	LF	$5.50	$1,182.50	
2.00	**Earthwork**					**$1,125.00**
2.01	Balance Cut/Fill on Site (6" average depth, entire area)	45	CY	$7.00	$315.00	
2.02	Rough Grading (entire area)	0.06	AC	$9,000.00	$540.00	
2.03	Finish Grading (entire area)	0.06	AC	$4,500.00	$270.00	
3.00	**Site Utilities / Drainage**					**$35,400.00**
3.01	Relocate Existing Utilities - OR DEMO	1	LS	$8,000.00	$8,000.00	
3.02	Electrical Service	1	LS	$5,000.00	$5,000.00	
3.03	Area Drain	2	EA	$1,000.00	$2,000.00	
3.04	Drainage Pipe					
	PVC - 8" Diameter	630	LF	$30.00	$18,900.00	
3.05	Catch Basin (Type 1)	1	EA	$1,500.00	$1,500.00	
4.00	**Paving**					**$294,350.00**
4.01	Concrete Paving	9,750	SF	$8.00	$78,000.00	
4.02	4" Asphalt Paving, with 6" base	11,000	SF	$8.00	$88,000.00	
4.03	Concrete Curb (6")	550	LF	$40.00	$22,000.00	
4.04	Wheelstop (precast concrete)	2	EA	$250.00	$500.00	
4.05	Pavement Striping	1	LS	$7,500.00	$7,500.00	
4.06	Crushed Stone Surfacing (3" depth, 4" depth base)	9,750	SF	$10.00	$97,500.00	
5.00	**Site Improvements**					
5.01	Signage					
	Signage-Handicap Parking	3	EA	$150.00	$450.00	
	Signage-Pedestrian Crossing	1	EA	$400.00	$400.00	

	Subtotal (1)	*$351,850.86*	*$351,850.86*
Sales Tax (9.4%)		$33,073.98	
	Construction Total	*$384,924.84*	
Mobilization (12%)		$46,190.98	
Design (20%)		$86,223.16	
Admin/Permitting Fees (5%)		$21,555.79	
Contingency (30%)		$129,334.74	
	Total Project Cost	**$668,229.51**	

NOTE: All costs are based on 2022 estimated cost of construction. Escallation is not included.

Estimate of
Probable Cost of Construction

HBB Landscape Architecture

Date: March 3, 2022

Project Name: Sumner Parks/ Bennett Property Master Plan
Project Number: 2021-19
Project Phase: Master Planning
Prepared By: Michael Walton/ Jack O'Hea
Checked By: Juliet Vong

Park Improvements Total: $9,555,993.56

Park Improvements

Item	Description	Qty	Unit	Unit Cost	Item Total	
1.00	**Demolition/Site Preparation**					**$99,328**
1.01	Tree Protection Fence	65	LF	$4.50	$292.50	
1.02	Site Clearing and Grubbing (6" depth)	4.2	AC	$12,000.00	$50,160.00	
1.03	Construction Access (quarry spall)	2	EA	$2,500.00	$5,000.00	
1.04	Existing Tree Removal (6"-12" DBH)	6	EA	$600.00	$3,600.00	
1.05	Construction Fence (6' chainlink)	790	LF	$14.00	$11,060.00	
1.06	Silt Fence	2,530	LF	$5.50	$13,915.00	
1.07	TESC (temporary erosion & sediment control)	3.75	AC	$4,000.00	$15,000.00	
1.08	Inlet Protection	3	EA	$100.00	$300.00	
2.00	**Earthwork**					**$85,273**
2.01	Balance Cut/Fill on Site (12" average depth)	3,295	CY	$7.00	$23,065.00	
2.02	Rough Grading (entire area)	4.608	AC	$9,000.00	$41,472.00	
2.03	Finish Grading (entire area)	4.608	AC	$4,500.00	$20,736.00	
3.00	**Site Utilities / Drainage**					**$491,661**
3.01	Relocate Existing Utilities	1.00	LS	$20,000.00	$20,000.00	
3.02	Water Meter & Service (1" Water meter for Domestic)	1.00	LS	$17,535.95	$17,535.95	
3.03	Water Meter & Service (1-1/2" Water meter for irrigation)	1.00	LS	$35,335.25	$35,335.25	
3.04	Water Main 8" loop	700.00	LF	$150.00	$105,000.00	
3.05	Fire Hydrants	2.00	EA	$6,000.00	$12,000.00	
3.06	Tee, 12" x 8" and thrust block, FLG	2	EA	$2,400.00	$4,800.00	
3.07	Tee, 8" x 6" and thrust block, FLG	2	EA	$2,000.00	$4,000.00	
3.08	8" DI Bend, 45 deg and thrust block, MJ	4	EA	$900.00	$3,600.00	
3.09	8" DI Bend, 22.5 deg and thrust block, MJ	2	EA	$900.00	$1,800.00	
3.10	Electrical Service	1.00	LS	$60,000.00	$60,000.00	
3.11	Area Drain	7.00	EA	$1,000.00	$7,000.00	
3.12	Drainage Pipe					
	Subsurface drainage systems - 4" lateral pipe	2,000.00	LF	$10.00	$20,000.00	
	Subsurface drainage systems - 8" collector pipe	500.00	LF	$12.00	$6,000.00	
	PVC - 6" Diameter	750.00	LF	$30.00	$22,500.00	
	PVC - 12" Diameter	400.00	LF	$40.00	$16,000.00	
	Underground Detention System	1.00	LS	$60,000.00	$60,000.00	
3.13	Catch Basin (Type 1)	6.00	EA	$1,500.00	$9,000.00	
3.14	Catch Basin (Type 2)	2.00	EA	$2,500.00	$5,000.00	
3.15	Outlet Control Structure	3.00	EA	$5,500.00	$16,500.00	
3.16	PVC 8" Sanitary	450.00	LF	$55.00	$24,750.00	
3.17	PVC 6" Sanitary	425.00	LF	$40.00	$17,000.00	
3.18	Santarity Manholes	3.00	EA	$2,500.00	$7,500.00	
3.19	Connect to Existing SS MH	1.00	EA	$5,000.00	$5,000.00	
3.20	Sanitary Cleanouts	6.00	EA	$1,890.00	$11,340.00	
4.00	**Paving**					**$981,672**
4.01	Concrete Paving (broom finish w/ tool joint)	26,524	SF	$8.00	$212,192.00	
4.02	Concrete Paving (enhanced paving with unique texture & scoring)	11,945	SF	$20.00	$238,900.00	
4.03	Concrete ADA Ramp	2	EA	$3,400.00	$6,800.00	
4.04	Concrete Curb (6")	2,167	LF	$40.00	$86,680.00	
4.05	Play Area Curb (18")	339	LF	$50.00	$16,950.00	
4.06	Crushed Stone Surfacing (3" depth, 4" depth base)	24,000	SF	$10.00	$240,000.00	
4.07	Pavement Striping, parking lot	1	LS	$7,500.00	$7,500.00	
4.08	Asphalt paving	20,000	sf	$8.00	$160,000.00	
4.09	Traffic Signs	4.00	EA	$1,500.00	$6,000.00	
4.10	Wheelstop (precast concrete)	18.00	EA	$250.00	$4,500.00	
4.11	Crosswalk Striping	1.00		$750.00	$750.00	
4.12	Traffic Arrows	4.00	EA	$50.00	$200.00	
4.13	Detectable Warnings	6.00	EA	$200.00	$1,200.00	

5.00 Site Improvements					**$2,041,195**
5.01 Trash/Recycle Receptacle	16	EA	$1,500.00	$24,000.00	
5.02 Bench (8' length)	12	EA	$2,500.00	$30,000.00	
5.03 Picnic Table w/ Seating	17	EA	$5,000.00	$85,000.00	
5.04 Picnic Shelter (16'x20')	1	EA	$75,000.00	$75,000.00	
5.05 Picnic Shelter (40'x25')	1	EA	$200,000.00	$200,000.00	
5.06 Drinking Fountain (ADA compliant)	1	EA	$16,000.00	$16,000.00	
5.07 Fitness Stations	2	EA	$20,000.00	$40,000.00	
5.08 Bike Rack	1	EA	$2,200.00	$2,200.00	
5.09 Public Art (entry)	1	EA	$350,000.00	$350,000.00	
5.10 Basketball Court (pole, hoop, striping)	2	EA	$5,000.00	$10,000.00	
5.11 Permenant Restroom Building	1	LS	$350,000.00	$350,000.00	
5.12 Sports Court (concrete paving)	4,200	SF	$8.00	$33,600.00	
6.12 Playground (play structures, for multiple age ranges)	1	LS	$500,000.00	$500,000.00	
6.13 Fencing (6' height cedar)	237	LF	$60.00	$14,220.00	
6.14 Pedestrian Bridge/ Boardwalk (across wetland)	160	SF	$60.00	$9,600.00	
6.15 Play Area Surfacing (at playground, poured in place rubberized)	8,135	SF	$25.00	$203,375.00	
6.16 Removable Bollards (to block off 46th St Ct)	5	EA	$1,700.00	$8,500.00	
6.17 Signage					
Signage-Wayfinding	2	EA	$3,000.00	$6,000.00	
Signage-ADA Stalls	4	EA	$150.00	$600.00	
Signage-Stop Sign	2	EA	$600.00	$1,200.00	
Signage-Pedestrian Crossing	1	EA	$400.00	$400.00	
Signage-Kiosk	1	EA	$10,000.00	$10,000.00	
6.18 Lighting					
Lighting (building)	1	LS	$12,500.00	$12,500.00	
Lighting (pedestrian)	16	EA	$2,500.00	$40,000.00	
6.19 EV Parking	2	EA	$7,500.00	$15,000.00	
6.20 Pedestrian Emergency Phone	1	EA	$4,000.00	$4,000.00	
6.00 Planting					**$1,332,503**
6.01 Tree (deciduous, 2" cal./ Conifer 6'-8' Height)	144	EA	$450.00	$64,800.00	
6.02 Shrubs & Groundcover (Wetland buffer planting)	33,480	SF	$7.00	$234,362.80	
6.03 Shrubs & Groundcover (Non-wetland buffer planting)	28,028	SF	$7.00	$196,194.39	
6.04 Shrubs & Groundcover (Ornamental planting)	6,087	SF	$10.00	$60,870.00	
6.05 Planting Soil	5,619	CY	$60.00	$337,140.00	
6.06 Bioretention/Raingarden Soil	127	CY	$65.00	$8,255.00	
6.07 Bark or Wood Chip Mulch	640	CY	$45.00	$28,800.00	
6.08 Seeding, Fertilizing, & Mulching	45,020	SF	$1.25	$56,274.79	
6.09 Root Barrier (18" Depth)	1,486	LF	$15.00	$22,285.35	
6.10 Constructed Wetland Creation (soil amendments, mulch, planting)	15,487	SF	$5.00	$77,435.00	
6.11 Boulders (allowance for use in wetland and buffer)	1	LS	$5,000.00	$5,000.00	
6.12 Plant Establishment (10% of plant cost)	1	LS		$55,622.72	
7.00 Irrigation					
7.01 Automatic Spray Irrigation	5,695	SF	$3.50	$19,932.50	
7.02 Temporary Irrigation for Establishment (buffer plantings)	61,508	SF	$1.25	$76,885.00	
7.03 Spray Rotor Head Irrigation (Lawn areas)	27,738	SF	$2.50	$69,345.00	
7.04 Schedule 40 PVC Sleeve (4"-6")	550	LF	$6.00	$3,300.00	
7.05 Quick Coupler Valve & Box	10	EA	$500.00	$5,000.00	
7.06 Irrigation Point of Connection	1	LS	$5,500.00	$5,500.00	
7.07 Irrigation Controller	1.0	LS	$5,500.00	$ 5,500	

	Subtotal (1)	*$5,031,631.25*	*$5,031,631*
Sales Tax (9.4%)		$472,973.34	
	Construction Total	*$5,504,604.58*	
Mobilization (12%)		$660,552.55	
Design (20%)		$1,233,031.43	
Admin/Permitting Fees (5%)		$308,257.86	
Contingency (30%)		$1,849,547.14	
	Total Project Cost	**$9,555,993.56**	

NOTE: All costs are based on 2022 estimated cost of construction. Escallation is not included.

CITY COUNCIL MEETING
DATE: April 18, 2022
AGENDA BILL: 22-2116

SUBJECT: Ordinance No. 2817 - Updating Electronic Signatures **CATEGORY:** Ordinance

BUDGET IMPACT:
Expenditure Required: None Within Budget Allocation: N/A

ATTACHMENTS:
1. Ordinance No. 2817 - Electronic Signatures

STAFF CONTACT: Andrea Marquez, City Attorney

SUMMARY BACKGROUND:
The legislature adopted the Uniform Electronic Transaction Act, ESSB 6028, repealing RCW 19.360. This law provides a framework for states to address the validity of electronic signatures for transactions related to business, commercial and governmental matters.

The Act continues to allow cities and other agencies to determine whether or not to accept electronic signatures in the course of daily business and be given the same legal effect.

The City began using e-signatures in 2019. This has proven to be a timely and efficient way to do business. The purpose of this ordinance is to update the references to state law (from RCW 19 to RCW 1.80) and to remove the references to Docusign so that future flexibility is permitted.

COUNCIL COMMITTEE/STUDY SESSION: **Finance & Personnel Committee**
MEETING/STUDY SESSION DATE: 4/6/2022
COMMITTEE RECOMMENDATION: Do pass.

STAFF RECOMMENDATIONS/MOTION:
Approve Ordinance No. 2817 - updating Sumner Municipal Code 2.114, Electronic Signatures.

ORDINANCE NO. 2817

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF SUMNER, WASHINGTON AMENDING SUMNER MUNICIPAL CODE CHAPTER 2.114, AUTHORIZING THE USE OF ELECTRONIC SIGNATURES IN THE CONDUCT OF GOVERNMENTAL BUSINESS AND OTHER TRANSACTIONS IN THE CITY OF SUMNER.

WHEREAS, RCW Chapter 19.360 formerly authorized state and local agencies to utilize electronic signatures in the conduct of governmental affairs and other transactions; and

WHEREAS, during the 2020 legislative session, the Washington State Legislature adopted the Uniform Electronic Transactions Act, ESSB 6028, effective June 11, 2020, codified as RCW 1.80, which repeals and replaces RCW Chapter 19.360 but continues to allow municipalities to determine whether, and to what extent an agency will send and accept electronic signatures in the conduct of business; and

WHEREAS, an "electronic signature" means an electronic sound, symbol, or process attached to or logically associated with a contract or other record and executed or adopted by a person with the intent to sign a record and includes digital signature; and

WHEREAS, using electronic signature technologies has benefited the City of Sumner during the COVID-19 public health emergency and recent Governor's Proclamations, by decreasing the City's reliance on paper transactions and physical documents, thus allowing the continuation of the City's business; and

WHEREAS, the City Council has realized how the use of electronic signatures have impacted and improved citizen's access to and ability to participate in governmental affairs, and reliance on City business conducted electronically.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF SUMNER, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. Chapter 2.114 of the Sumner Municipal Code, "Electronic Signatures Authorized" is hereby amended as shown in Exhibit A.

Section 2. Effective Date. This ordinance shall take effect five days after its publication, or publication of a summary thereof, in the City's official newspaper, or as otherwise provided by law.

Section 3. Severability – Construction. If a section, subsection, paragraph, sentence, clause, or phrase of this ordinance is declared unconstitutional or invalid for any reason by any court of competent jurisdiction; such decision shall not affect the validity of the remaining portions of this ordinance. If the provisions of this ordinance are found to be inconsistent with other provisions of the Sumner Municipal Code, the provisions of this ordinance shall control.

Section 4. Corrections by City Clerk or Code Reviser. Upon approval of the city attorney, the city clerk and the code reviser are authorized to make necessary corrections to this resolution, including but not limited to the correction of clerical errors, or references to other local, state, or federal laws, codes, rules, or regulations.

Section 5. Ratification. By and through adoption of this ordinance, the City Council hereby ratifies and confirms any and all acts prior to and consistent with the authority granted herein.

Passed by the City Council and approved by the Mayor of the City of Sumner, Washington at a regular meeting thereof this 18th day of April 2022.

_____
Kathy Hayden, Mayor

Approved as to form:

_____
Andrea Marquez, City Attorney

Attest:

_____
Michelle Converse, City Clerk

Date Adopted:
Date of Publication:
Effective Date:

EXHIBIT A

SMC 2.114 **Electronic Signatures Authorized**

2.114.010 **Authority.** RCW ~~19.360.010-050~~1.80, the Uniform Electronic Transactions Act, authorizes the City to utilize electronic signatures and electronic documents in the course of governmental transactions.

2.114.020 **Public Interest.** The City Council of the City of Sumner finds it to be in the public interest to allow the use of electronic records and electronic signatures for City business to the fullest extent allowed by law.

2.114.030 **Signatures.**

A. The Mayor, Mayor Pro Tempore and their authorized representatives, shall have authorization to use ~~the DocuSign~~ an electronic signature platform ~~or any future replacement~~ or alternative of such platform to affix electronic signatures to electronic records, including but not limited to ordinances, resolutions, contracts, applications, publications, and all other electronic documents through which the City conducts business.

B. The City Administrator, City Department Directors, and all authorized representatives or designees thereunder, shall have authorization to use the ~~DocuSign~~ electronic signature platform or any future replacement or alternative of such platform to affix electronic signatures to electronic records, including but not limited to ordinances, resolutions, contracts, applications, publications, and all other electronic documents through which the City conducts business.

C. The City may accept the submission of, and signature upon, any document electronically so long as the City has reasonable assurance that the means and methods used in electronically signing or submitting the document ensure the integrity, authenticity and nonrepudiation of the signature or document received.

2.114.040 **Original signature required, when.** A City document that is required by law to be signed by an original, non-electronic, "wet" signature may not be digitally or electronically signed.

2.114.050 **Effect.** An electronic signature on a record (as those terms are defined in RCW ~~19.360.030 and 040~~ 1.80.060) shall be given the same force and effect as the use of a signature affixed by hand. An electronically accepted, submitted, or signed document shall be deemed the equivalent of an original signed document if the individual or entity signing the document has complied with the provisions of this chapter.

APRIL 2022

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2
4	5	6	7	8	9
6:00PM **Regular Council Meeting**	4:00 PM **Public Works Committee** (Virtual)	5:30PM **Finance Committee** (Virtual)	6:00PM **Planning Commission** (Virtual)		
11	12	13	14	15	16
6:00PM **Study Session**		~~5:30 PM~~ **CANCELLED** ~~**American Rescue Plan Comm.** (Virtual)~~ ~~6:30PM~~ **CANCELLED** ~~**Design Commission** (Virtual)~~	4:30PM **Forestry/Parks Commission** (Virtual)		
18	19	20	21	22	23
6:00PM **Regular Council Meeting**		5:30PM **Public Safety Committee** (Virtual)			
25	26	27	28	29	30
6:00PM **Study Session**		5:00PM **CD Committee** (Virtual)	5:30PM **Cultural Arts Commission** (Virtual)		

Meeting dates and times may change. Please contact City Hall to confirm this information prior to any meeting you plan to attend. ***These meetings are accessible to persons with disabilities.*** *For individuals who require special accommodations, please contact City Hall at (253) 299-5500, 24 hours in advance.*

Name: Michelle Converse, CMC
Title: City Clerk

City of Sumner |1104 Maple Street | Sumner, Washington 98390
Ph: (253) 299-5500
Website: **www.sumnerwa.gov**

May 2022

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2	**3**	**4**	**5**	**6**	**7**
6:00PM **Regular Council Meeting** (Hybrid)	4:00 PM **Public Works Committee** (Virtual)	5:30PM **Finance Committee** (Virtual)	6:00PM **Planning Commission** (Virtual)		
9	**10**	**11**	**12**	**13**	**14**
6:00PM **Study Session** (Hybrid)		5:30PM **American Rescue Plan Committee** (Virtual) 6:30PM **Design Commission** (Virtual)	4:30PM **Forestry/Parks Commission** (Virtual)		
16	**17**	**18**	**19**	**20**	**21**
6:00PM **Regular Council Meeting** (Hybrid)		5:30PM **Public Safety** (Virtual)			
23	**24**	**25**	**26**	**27**	**28**
6:00PM **Study Session** (Hybrid) **30** **Recognized Holiday** **City Hall Closed**	**31**	5:00PM **CD Committee** (Virtual)	5:30PM **Arts Commission** (Virtual)		

Meeting dates and times may change. Please contact City Hall to confirm this information prior to any meeting you plan to attend. ***These meetings are accessible to persons with disabilities.*** *For individuals who require special accommodations, please contact City Hall at (253) 299-5500, 24 hours in advance.*

Name: Michelle Converse, CMC
Title: City Clerk

City of Sumner **www.sumnerwa.gov**
1104 Maple Street
Sumner, Washington 98390
Ph: (253) 299-5590