Department of Energy
Bonneville Power Administration
P.O. Box 3621
Portland, Oregon 97208-3621

In reply refer to: FOIA BPA-2025-03071-F

August 29, 2025

SENT VIA EMAIL ONLY TO: [redacted]

Aaron Duzik
No Address Provided

Dear Mr. Duzik,

This communication is the Bonneville Power Administration's (BPA) final response to your request for agency records made under the Freedom of Information Act, 5 U.S.C. § 552 (FOIA). BPA received your records request on May 5, 2025, and formally acknowledged your request on May 30, 2025.

Request
You seek, "…BPA contracts executed within the last 5 years [May 01, 2020 to May 01, 2025] for bare ground herbicide application work, or other chemical control work, along all BPA transmission right-of ways, and at all BPA substations, located in the western Oregon region – but limited to those geographic areas roughly west of the Cascade Range to the Pacific Coast."

Via May 5, 2025, telephone conversations and email exchanges with agency personnel, you confirmed that you seek the awarded contracts only, and only in sufficient depth to be able to understand how to approach BPA for such contract bids/awards.

Final Response
BPA collected 409 pages of records from the agency's Contracting & Strategic Sourcing office. These records are being released with minor redactions made under 5 U.S.C. § 552(b)(6) (Exemption 6).

Explanation of Exemption
Exemption 6 serves to protect Personally Identifiable Information contained in agency records when no overriding public interest in the information exists. BPA does not find an overriding public interest in the release of the information redacted under Exemption 6—specifically, signatures, mobile phone numbers, and private email addresses. This information sheds no light on the executive functions of the agency and BPA finds no overriding public interest in its release. BPA cannot waive these redactions, as the protections afforded by Exemption 6 belong to individuals and not to the agency.

Lastly, as required by 5 U.S.C. § 552(a)(8)(A), information has been withheld only in instances where (1) disclosure is prohibited by statute, or (2) BPA foresees that disclosure would harm an interest protected by the exemption cited for the record. When full disclosure of a record is not possible, the FOIA statute further requires that BPA take reasonable steps to segregate and release nonexempt information. The agency has determined that in certain instances partial disclosure is possible and has accordingly segregated the records into exempt and non-exempt portions.

Fee
There are no fees associated with processing your FOIA request.

Certification
Pursuant to 10 C.F.R. § 1004.7(b)(2), I am the individual responsible for the records search, the redactions applied thereto, and the records release described above. Your FOIA request BPA-2025-03071-F is now closed with the responsive agency information provided.

Appeal
The records release certified above is final. Pursuant to 10 C.F.R. § 1004.8, you may appeal the adequacy of the records search, and the completeness of this final release, within 90 calendar days from the date of this communication. Appeals should be addressed to:

Director, Office of Hearings and Appeals
HG-1, L'Enfant Plaza
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, D.C. 20585-1615

The written appeal, including the envelope, must clearly indicate that a FOIA appeal is being made. You may also submit your appeal by e-mail to OHA.filings@hq.doe.gov, including the phrase "Freedom of Information Appeal" in the subject line. (The Office of Hearings and Appeals prefers to receive appeals by email.) The appeal must contain all the elements required by 10 C.F.R. § 1004.8, including a copy of the determination letter. Thereafter, judicial review will be available to you in the Federal District Court either (1) in the district where you reside, (2) where you have your principal place of business, (3) where DOE's records are situated, or (4) in the District of Columbia.

Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows:

Office of Government Information Services
National Archives and Records Administration
8601 Adelphi Road-OGIS
College Park, Maryland 20740-6001
E-mail: ogis@nara.gov
Phone: 202-741-5770
Toll-free: 1-877-684-6448
Fax: 202-741-5769

Questions about this communication, or the status of your FOIA request, may be directed to FOIA Program Lead Jason E. Taylor at 503.230.3537 or jetaylor@bpa.gov.

Sincerely,

CANDICE PALEN

Digitally signed by CANDICE PALEN
Date: 2025.08.29 13:59:19 -07'00'

Candice D. Palen
Freedom of Information/Privacy Act Officer

U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT/ORDER

OMB

PAPERWORK REDUCTION ACT BURDEN DISCLOSURE STATEMENT

This data is used to amend a solicitation or modify a contract or order. This form will assist in ensuring all changes are applied appropriately. Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching for existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send any comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Office of the Chief Information Officer, Enterprise Policy Development & Implementation Office, IM-22, Paperwork Reduction Program (OMB) US Department of Energy, 1000 Independence Ave, SW, Washington, DC 20585-1290; and to the Office of Management & Budget (OMB), OIRA, Paperwork Reduction Project (OMB), Washington, DC 20503.

1. Solicitation/Contract/Order Number:	2. Amendment/Modification Number:
BPA- 24 - C - 94784	M - 002

3. Effective Date:	4. Requisition/Purchase Req Number *(used for COOP event only)*:	5. Contract Specialist *(Name, Phone, Email)*:
04/28/2025		Holtcamp Jr,Terry A (BPA) / 360-619-6440 / taholtcamp@bpa.gov.

AMENDMENTS OF SOLICITATIONS

6. The above numbered solicitation is amended as set forth in Item 12. The hour and date specified for receipt of Offers,
☐ is extended to ☐ is not extended.

Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation. If a signature is requested in Item 11, acknowledge this amendment by completing Items 13 and 14 and returning the amendment with your proposal. Failure of your acknowledgment to be received at the place designated for the receipt of proposal prior to the hour and date specified may result in rejection of your proposal. If by virtue of this amendment you desire to change a proposal already submitted, such a change must be received prior to the due date and hour specified in the solictation.

MODIFICATIONS OF CONTRACTS/ORDERS (Modifies the contract/order as described in item 12.)

CHECK ONE	
☐	7. This unilateral modification is issued pursuant to: (*specify authority below*). The changes set forth in item 12 are made in the Contract/Order in Item 1.
☐	8. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, spelling correction, etc.*) set forth in item 12 pursuant to the authority of BPI Part 14.10.3(b)(1).
☑	9. Bilateral/Other (*specify authority*): Changes Clause 28-6.

10. Accounting and Appropriation Data *(used for COOP event only)*:

IMPORTANT 11. Contractor ☐ is not, ☑ is required to sign this document and return via email to the Contract Specialist.

12. Description of Amendment/Modification (*Attach additional documentation if needed and state SEE CONTINUATION SHEET.*)

See Continuation Sheet.

Except as provided herein, all terms and conditions of the document referenced in Item 1 or 2 remain unchanged.

13. Company Name:

BASIN TREE SERVICE & PEST CONTROL INC.

14a. Name, Phone and Title of Signer:		15a. Name of Contracting Officer:	
Andrew Whalen,President (b) (6) [redacted]		Holtcamp Jr,Terry A (BPA).	
14b. Contractor/Offeror (b) (6) [redacted] (*Signature of person authorized to sign*)	14c. Date Signed: 05/15/2025	15b. Signature of Contracting Officer By: TERRY HOLTCAMP Digitally signed by TERRY HOLTCAMP Date: 2025.05.19 09:46:30 -07'00' (*Signature of Contracting Officer*)	15c. Date Signed:

The purpose of this Modification is to add Eugene, Longview, Olympia, and Salem District(s) to the existing Baregrounds Services Contract, revise the Schedule of Items and increase the contract value as outlined herein.

This Modification consists of the Signature Page, this Continuation Page, and the conformed Schedule of Items.

1. Schedule of Items Section B through F are conformed accordingly:
   a. Section B:
      i. Eugene, Longview, Olympia, and Salem CLINS(Contract Line Items) 0011-0044a-g, 1011-1044a-g, 2011-2044a-g, and 3011-3044a-g are added for all years and increases the total award for these districts from $00.00 to $1,594,614.46.
      ii. The total Contract award is increased by $1,594,614.46 from $3,383,645.26 to $4,978,259.72.
   b. Section D:
      i. All existing delivery CLINS are extended to 08/31/2028.
      ii. All delivery CLINS are combined into one CLIN ending 08/31/2028.
   c. Section F:
      i. Section F1 Performance Work Statement dated 03/06/2024 is attached.
         1. Exhibit 2 Eugene Facility List is updated.
         2. Exhibit 5 Longview Facility List is updated.
         3. Exhibit 6 Olympia Facility List is updated.
         4. Exhibit 8 Salem Facility List is updated.
      ii. Section F2 Contract Clauses are revised and include BPI 24-1 updates as follows:
         1. Clause 4-5 Prohibition on a Bytedance Covered Application (APR 2024)(4.12.3) is added.
         2. Clause 4-7 Records Management Obligations (APR 2024) (4.4.7) is added.
         3. Clause 3-11 Contractor Code of Business Ethics and Conduct (FEB 2022) (3.7.3) is removed.
         4. Clause 8-5 Liquidated Damages – Small Business Subcontracting Plan (MAR 2018) (8.3.4.1(b)) is removed.
         5. Clause 10-17 Equal Opportunity Pre-Award Clearance of Subcontracts (APR 2024) (10.1.4.3(d)) is removed.
         6. Clause 14-6 Variation in Estimated Quantity – Service and Construction Contracts (MAR 2018) (14.6.3(b)) is added.
         7. Clause 15-12 Contractor Safety and Health (APR 2024) (15.6.4.1) is updated.
         8. Clause 15-13 Contractor Safety and Health Requirements (APR 2024) (15.6.4.1) is updated.
         9. Clause 22-19 OREGON CORPORATE ACTIVITY TAX (APR 2024) (22.5.6) is added.
      iii. Section F3 Wage Determination Table is updated to include the additional District(s) Counties.
      iv. Section F4.1 Eugene Facilities Maps.
      v. Section F4.2 Longview Facilities Maps.
      vi. Section F4.3 Olympia Facilities Maps.
      vii. Section F4.4 Salem Facilities Maps.

All other terms and conditions remain unchanged and in full force and effect.

This Modification constitutes the total equitable adjustment for the changes described herein.

End Continuation Sheet.

B. SCHEDULE OF ITEMS.

Year 000 Through 8/31/25.

Item	COVINGTON DISTRICT Description	Qty	Unit	Unit Price	Amount
0001	Services Non Personal: **Covington** District Substation Bareground Application - See PWS FFP	188 1	Acre	$ 383 43	$ 72,123 18
0001a	Services Non Personal: Additional Acreage - See PWS FFP	9 41	Acre	$ 383 43	$ 3,606 16
0001b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 16,000 00
0001c	Services Non Personal: Substation organic debris clearing - See PWS FFP	9 41	Hr	$ 274 34	$ 2,580 17
0001d	Services Non Personal: Switch Platforms - See PWS FFP	18	Each	$ 300 50	$ 5,409 00
0001e	Services Non Personal: MW/Radio Sites - See PWS FFP	8	Each	$ 485 17	$ 3,881 36
0001f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$ 2,050 00	$ 20,500 00
0001g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 0001 SUBTOTAL:	$ 124,099 87

Item	REDMOND DISTRICT Description	Qty	Unit	Unit Price	Amount
0002	Services Non Personal: **Redmond** District Substation Bareground Application - See PWS FFP	317 2	Acre	$ 370 21	$ 117,430 61
0002a	Services Non Personal: Additional Acreage - See PWS FFP	15 9	Acre	$ 370 21	$ 5,871 53
0002b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 22,000 00
0002c	Services Non Personal: Substation organic debris clearing - See PWS FFP	15 86	Hr	$ 274 34	$ 4,351 03
0002d	Services Non Personal: Switch Platforms - See PWS FFP	0	Each	$ -	$ -
0002e	Services Non Personal: MW/Radio Sites - See PWS FFP	0	Each	$ -	$ -
0002f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$ 2,050 00	$ 20,500 00
0002g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 0002 SUBTOTAL:	$ 170,153 18

Item	SNOHOMISH DISTRICT Description	Qty	Unit	Unit Price	Amount
0003	Services Non Personal: **Snohomish** District Substation Bareground Application - See PWS FFP	185 1	Acre	$ 383 43	$ 70,972 89
0003a	Services Non Personal: Additional Acreage - See PWS FFP	9 255	Acre	$ 383 43	$ 3,548 64
0003b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 4,000 00
0003c	Services Non Personal: Substation organic debris clearing - See PWS FFP	9 255	Hr	$ 274 34	$ 2,539 02
0003d	Services Non Personal: Switch Platforms - See PWS FFP	2	Each	$ 300 50	$ 601 00
0003e	Services Non Personal: MW/Radio Sites - See PWS FFP	6	Each	$ 485 17	$ 2,911 02
0003f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$ 2,050 00	$ 20,500 00
0003g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 0003 SUBTOTAL:	$ 105,072 57

Item	SPOKANE DISTRICT Description	Qty	Unit	Unit Price	Amount
0004	Services Non Personal: **Spokane** District Substation Bareground Application - See PWS FFP	324 28	Acre	$ 319 62	$ 103,646 37
0004a	Services Non Personal: Additional Acreage - See PWS FFP	16 2	Acre	$ 319 62	$ 5,182 32
0004b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 4,000 00
0004c	Services Non Personal: Substation organic debris clearing - See PWS FFP	16 214	Hr	$ 274 34	$ 4,448 15
0004d	Services Non Personal: Switch Platforms - See PWS FFP	116	Each	$ 242 59	$ 28,140 44
0004e	Services Non Personal: MW/Radio Sites - See PWS FFP	18	Each	$ 363 88	$ 6,549 84
0004f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$ 2,050 00	$ 20,500 00
0004g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 0004 SUBTOTAL:	$ 172,467 12

Item	THE DALLES DISTRICT Description	Qty	Unit	Unit Price	Amount
0005	Services Non Personal: **The Dalles** District Substation Bareground Application - See PWS FFP	500 48	Acre	$ 370 21	$ 185,282 70
0005a	Services Non Personal: Additional Acreage - See PWS FFP	25 0	Acre	$ 370 21	$ 9,264 14
0005b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 26,000 00
0005c	Services Non Personal: Substation organic debris clearing - See PWS FFP	25 024	Hr	$ 274 34	$ 6,865 08
0005d	Services Non Personal: Switch Platforms - See PWS FFP	26	Each	$ 305 55	$ 7,944 30
0005e	Services Non Personal: MW/Radio Sites - See PWS FFP	6	Each	$ 437 89	$ 2,627 34
0005f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$ 2,050 00	$ 20,500 00
0005g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 0011 SUBTOTAL:	$ 258,483 56

Item	TRI-CITIES DISTRICT Description	Qty	Unit	Unit Price	Amount
0006	Services Non Personal: **Tri-Cities** District Substation Bareground Application - See PWS FFP	519 38	Acre	$ 370 21	$ 192,279 67
0006a	Services Non Personal: Additional Acreage - See PWS FFP	26 0	Acre	$ 370 21	$ 9,613 98
0006b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 30,000 00
0006c	Services Non Personal: Substation organic debris clearing - See PWS FFP	25 97	Hr	$ 274 34	$ 7,124 34
0006d	Services Non Personal: Switch Platforms - See PWS FFP	58	Each	$ 305 55	$ 17,721 90
0006e	Services Non Personal: MW/Radio Sites - See PWS FFP	10	Each	$ 437 89	$ 4,378 90
0006f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$ 2,050 00	$ 20,500 00
0006g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 0012 SUBTOTAL:	$ 281,618 79

Item	WENATCHEE DISTRICT Description	Qty	Unit	Unit Price	Amount
0007	Services Non Personal: **Wenatchee** District Substation Bareground Application - See PWS FFP	410 32	Acre	$ 319 62	$ 131,146 48
0007a	Services Non Personal: Additional Acreage - See PWS FFP	20 5	Acre	$ 319 62	$ 6,557 32
0007b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 4,000 00
0007c	Services Non Personal: Substation organic debris clearing - See PWS FFP	20 516	Hr	$ 274 34	$ 5,628 36
0007d	Services Non Personal: Switch Platforms - See PWS FFP	40	Each	$ 242 59	$ 9,703 60
0007e	Services Non Personal: MW/Radio Sites - See PWS FFP	22	Each	$ 363 88	$ 8,005 36
0007f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$ 2,050 00	$ 20,500 00
0007g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 0013 SUBTOTAL:	$ 185,541 12

Item	Description	Qty	Unit	Unit Price (see each district)	Amount
0001-0007	Services Non Personal: Total District Substation Bareground Application - FFP	2444 86	Acre		$ 872,881 91
0001a -0007a	Services Non Personal: Total Additional Acreage - FFP	122 2	Acre		$ 43,644 10
0001b-0007b	Services Non Personal: Total Safety Watcher Estimate - FFP	7 0	Job		$ 106,000
0001c-0007c	Services Non Personal: Total Substation organic debris clearing - FFP	122 2	Hr		$ 33,536 14
0001d-0007d	Services Non Personal: Total Switch Platforms - FFP	260 0	Each		$ 69,520 24
0001e-0007e	Services Non Personal: Total MW/Radio Sites - FFP	70 0	Each		$ 28,353 82
0001f-0007f	Services Non Personal: Optional: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - FFP	70	Daily		$ 143,500 00
0001g-0007g	Services Non Personal: TERO - FFP	0	Job		$ -
				TOTAL YEAR 000 CONTRACT PRICE (7 of 13 Districts):	**$ 1,297,436.21**
				TOTAL YEAR 000 Plus All YEARS CONTRACT PRICE (7 of 13 Districts):	**$ 3,383,645.26**

NOTES:
The Contractor shall provide the services described in the Scope of Work at the identified unit prices
The CLIN (Contract Line Item) funds and quantities allocated represent BPA's estimated need and are not a commitment by BPA to acquire that specific quantity The Contracting Officer's Representative (COR) is authorized to approve a reallocation of funds/quantities between CLINS (within the identified district), provided the change does not necessitate a need to increase total awarded funds for that district The Safety Watcher and TERO CLINS are not authorized for a reallocation as these are pass through funds If an increase in funds is needed, the COR must create a change request and a formal Modification must be signed by the Contract Officer

B. SCHEDULE OF ITEMS/CONTINUATION PAGE

Year 001 9/1/2025 to 8/31/2026

Item	COVINGTON DISTRICT Description	Qty	Unit	Unit Price	Amount
1001	Services Non Personal: **Covington** District Substation Bareground Application - See PWS FFP	94 05	Acre	$ 396 85	$ 37,323 74
1001a	Services Non Personal: Additional Acreage - See PWS FFP	4 70	Acre	$ 396 85	$ 1,866 19
1001b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 8,500 00
1001c	Services Non Personal: Substation organic debris clearing - See PWS FFP	4 70	Hr	$ 283 94	$ 1,335 23
1001d	Services Non Personal: Switch Platforms - See PWS FFP	9	Each	$ 311 02	$ 2,799 18
1001e	Services Non Personal: MW/Radio Sites - See PWS FFP	4	Each	$ 502 15	$ 2,008 60
1001f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$2,121 75	$ 10,608 75
1001g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 1001 SUBTOTAL:	$ 64,441 69

Item	REDMOND DISTRICT Description	Qty	Unit	Unit Price	Amount
1002	Services Non Personal: **Redmond** District Substation Bareground Application - See PWS FFP	158 6	Acre	$ 383 17	$ 60,770 76
1002a	Services Non Personal: Additional Acreage - See PWS FFP	7 9	Acre	$ 383 17	$ 3,038 54
1002b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 11,500 00
1002c	Services Non Personal: Substation organic debris clearing - See PWS FFP	7 93	Hr	$ 283 94	$ 2,251 64
1002d	Services Non Personal: Switch Platforms - See PWS FFP	0	Each	$ -	$ -
1002e	Services Non Personal: MW/Radio Sites - See PWS FFP	0	Each	$ -	$ -
1002f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$2,121 75	$ 10,608 75
1002g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 1002 SUBTOTAL:	$ 88,169 69

Item	SNOHOMISH DISTRICT Description	Qty	Unit	Unit Price	Amount
1003	Services Non Personal: **Snohomish** District Substation Bareground Application - See PWS FFP	92 55	Acre	$ 396 85	$ 36,728 47
1003a	Services Non Personal: Additional Acreage - See PWS FFP	4 6275	Acre	$ 396 85	$ 1,836 42
1003b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 2,000 00
1003c	Services Non Personal: Substation organic debris clearing - See PWS FFP	4 6275	Hr	$ 283 94	$ 1,313 93
1003d	Services Non Personal: Switch Platforms - See PWS FFP	1	Each	$ 311 02	$ 311 02
1003e	Services Non Personal: MW/Radio Sites - See PWS FFP	3	Each	$ 502 15	$ 1,506 45
1003f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$2,121 75	$ 10,608 75
1003g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 1003 SUBTOTAL:	$ 54,305 04

Item	SPOKANE DISTRICT Description	Qty	Unit	Unit Price	Amount
1004	Services Non Personal: **Spokane** District Substation Bareground Application - See PWS FFP	162 14	Acre	$ 330 81	$ 53,637 53
1004a	Services Non Personal: Additional Acreage - See PWS FFP	8 1	Acre	$ 330 81	$ 2,681 88
1004b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 2,000 00
1004c	Services Non Personal: Substation organic debris clearing - See PWS FFP	8 107	Hr	$ 283 94	$ 2,301 90
1004d	Services Non Personal: Switch Platforms - See PWS FFP	58	Each	$ 251 08	$ 14,562 64
1004e	Services Non Personal: MW/Radio Sites - See PWS FFP	9	Each	$ 376 62	$ 3,389 58
1004f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$2,121 75	$ 10,608 75
1004g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 1004 SUBTOTAL:	$ 89,182 28

Item	THE DALLES DISTRICT Description	Qty	Unit	Unit Price	Amount
1005	Services Non Personal: **The Dalles** District Substation Bareground Application - See PWS FFP	250 24	Acre	$ 383 17	$ 95,884 46
1005a	Services Non Personal: Additional Acreage - See PWS FFP	12 5	Acre	$ 383 17	$ 4,794 22
1005b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 13,500 00
1005c	Services Non Personal: Substation organic debris clearing - See PWS FFP	12 512	Hr	$ 283 94	$ 3,552 66
1005d	Services Non Personal: Switch Platforms - See PWS FFP	13	Each	$ 316 24	$ 4,111 12
1005e	Services Non Personal: MW/Radio Sites - See PWS FFP	3	Each	$ 453 22	$ 1,359 66
1005f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$2,121 75	$ 10,608 75
1005g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 1005 SUBTOTAL:	$ 133,810 87

Item	TRI-CITIES DISTRICT Description	Qty	Unit	Unit Price	Amount
1006	Services Non Personal: **Tri-Cities** District Substation Bareground Application - See PWS FFP	259 69	Acre	$ 383 17	$ 99,505 42
1006a	Services Non Personal: Additional Acreage - See PWS FFP	13 0	Acre	$ 383 17	$ 4,975 27
1006b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 15,500 00
1006c	Services Non Personal: Substation organic debris clearing - See PWS FFP	12 98	Hr	$ 283 94	$ 3,686 82
1006d	Services Non Personal: Switch Platforms - See PWS FFP	29	Each	$ 316 24	$ 9,170 96
1006e	Services Non Personal: MW/Radio Sites - See PWS FFP	5	Each	$ 453 22	$ 2,266 10
1006f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$2,121 75	$ 10,608 75
1006g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 1006 SUBTOTAL:	$ 145,713 32

Item	WENATCHEE DISTRICT Description	Qty	Unit	Unit Price	Amount
1007	Services Non Personal: **Wenatchee** District Substation Bareground Application - See PWS FFP	205 16	Acre	$ 330 81	$ 67,868 98
1007a	Services Non Personal: Additional Acreage - See PWS FFP	10 3	Acre	$ 330 81	$ 3,393 45
1007b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 2,000 00
1007c	Services Non Personal: Substation organic debris clearing - See PWS FFP	10 258	Hr	$ 283 94	$ 2,912 66
1007d	Services Non Personal: Switch Platforms - See PWS FFP	20	Each	$ 251 08	$ 5,021 60
1007e	Services Non Personal: MW/Radio Sites - See PWS FFP	11	Each	$ 376 62	$ 4,142 82
1007f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$2,121 75	$ 10,608 75
1007g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 1007 SUBTOTAL:	$ 95,948 26

Item	Description	Qty	Unit	Unit Price (see each district)	Amount
1001-1007	Services Non Personal: Total District Substation Bareground Application - FFP	1222 43	Acre		$ 451,719 36
1001a -1007a	Services Non Personal: Total Additional Acreage - FFP	61 1	Acre		$ 22,585 97
1001b-1007b	Services Non Personal: Total Safety Watcher Estimate - FFP	7 0	Job		$ 55,000
1001c-1007c	Services Non Personal: Total Substation organic debris clearing - FFP	61 1	Hr		$ 17,354 84
1001d-1007d	Services Non Personal: Total Switch Platforms - FFP	130 0	Each		$ 35,976 52
1001e-1007e	Services Non Personal: Total MW/Radio Sites - FFP	35 0	Each		$ 14,673 21
1001f-1007f	Services Non Personal: Optional: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - FFP	35	Daily		$ 74,261 25
1001g-1007g	Services Non Personal: TERO - FFP	0	Job		$ -
				TOTAL YEAR 001 CONTRACT PRICE (7 of 13 Districts):	**$ 671,571.15**

NOTES:

The Contractor shall provide the services described in the Scope of Work at the identified unit prices

The CLIN (Contract Line Item) funds and quantities allocated represent BPA's estimated need and are not a commitment by BPA to acquire that specific quantity The Contracting Officer's Representative (COR) is authorized to approve a reallocation of funds/quantities between CLINS (within the identified district), provided the change does not necessitate a need to increase total awarded funds for that district The Safety Watcher and TERO CLINS are not authorized for a reallocation as these are pass through funds

If an increase in funds is needed, the COR must create a change request and a formal Modification must be signed by the Contract Officer

B. SCHEDULE OF ITEMS/CONTINUATION PAGE					
Year 002 9/1/2026 to 8/31/2027					
Item	**COVINGTON DISTRICT Description**	**Qty**	**Unit**	**Unit Price**	**Amount**
2001	Services Non Personal: **Covington** District Substation Bareground Application - See PWS FFP	94 05	Acre	$ 410 74	$ 38,630 10
2001a	Services Non Personal: Additional Acreage - See PWS FFP	4 70	Acre	$ 410 74	$ 1,931 50
2001b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 9,000 00
2001c	Services Non Personal: Substation organic debris clearing - See PWS FFP	4 70	Hr	$ 293 88	$ 1,381 97
2001d	Services Non Personal: Switch Platforms - See PWS FFP	9	Each	$ 321 91	$ 2,897 19
2001e	Services Non Personal: MW/Radio Sites - See PWS FFP	4	Each	$ 519 73	$ 2,078 92
2001f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,196 00	$ 10,980 00
2001g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 2001 SUBTOTAL:	**$ 66,899.68**
Item	**REDMOND DISTRICT Description**	**Qty**	**Unit**	**Unit Price**	**Amount**
2002	Services Non Personal: **Redmond** District Substation Bareground Application - See PWS FFP	158 6	Acre	$ 396 58	$ 62,897 59
2002a	Services Non Personal: Additional Acreage - See PWS FFP	7 9	Acre	$ 396 58	$ 3,144 88
2002b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 12,000 00
2002c	Services Non Personal: Substation organic debris clearing - See PWS FFP	7 93	Hr	$ 293 88	$ 2,330 47
2002d	Services Non Personal: Switch Platforms - See PWS FFP	0	Each	$ -	$ -
2002e	Services Non Personal: MW/Radio Sites - See PWS FFP	0	Each	$ -	$ -
2002f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,196 00	$ 10,980 00
2002g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 2002 SUBTOTAL:	**$ 91,352.94**
Item	**SNOHOMISH DISTRICT Description**	**Qty**	**Unit**	**Unit Price**	**Amount**
2003	Services Non Personal: **Snohomish** District Substation Bareground Application - See PWS FFP	92 55	Acre	$ 410 74	$ 38,013 99
2003a	Services Non Personal: Additional Acreage - See PWS FFP	4 6275	Acre	$ 410 74	$ 1,900 70
2003b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 2,000 00
2003c	Services Non Personal: Substation organic debris clearing - See PWS FFP	4 6275	Hr	$ 293 88	$ 1,359 93
2003d	Services Non Personal: Switch Platforms - See PWS FFP	1	Each	$ 321 91	$ 321 91
2003e	Services Non Personal: MW/Radio Sites - See PWS FFP	3	Each	$ 519 73	$ 1,559 19
2003f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,196 00	$ 10,980 00
2003g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 2003 SUBTOTAL:	**$ 56,135.72**

Item	SPOKANE DISTRICT Description	Qty	Unit	Unit Price	Amount
2004	Services Non Personal: **Spokane** District Substation Bareground Application - See PWS FFP	162 14	Acre	$ 342 39	$ 55,515 11
2004a	Services Non Personal: Additional Acreage - See PWS FFP	8 1	Acre	$ 342 39	$ 2,775 76
2004b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 2,000 00
2004c	Services Non Personal: Substation organic debris clearing - See PWS FFP	8 107	Hr	$ 293 88	$ 2,382 49
2004d	Services Non Personal: Switch Platforms - See PWS FFP	58	Each	$ 259 87	$ 15,072 46
2004e	Services Non Personal: MW/Radio Sites - See PWS FFP	9	Each	$ 389 80	$ 3,508 20
2004f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,196 00	$ 10,980 00
2004g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 2004 SUBTOTAL:	**$ 92,234.02**

Item	THE DALLES DISTRICT Description	Qty	Unit	Unit Price	Amount
2005	Services Non Personal: **The Dalles** District Substation Bareground Application - See PWS FFP	250 24	Acre	$ 396 58	$ 99,240 18
2005a	Services Non Personal: Additional Acreage - See PWS FFP	12 5	Acre	$ 396 58	$ 4,962 01
2005b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 14,000 00
2005c	Services Non Personal: Substation organic debris clearing - See PWS FFP	12 512	Hr	$ 293 88	$ 3,677 03
2005d	Services Non Personal: Switch Platforms - See PWS FFP	13	Each	$ 327 31	$ 4,255 03
2005e	Services Non Personal: MW/Radio Sites - See PWS FFP	3	Each	$ 469 08	$ 1,407 24
2005f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,196 00	$ 10,980 00
2005g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 2005 SUBTOTAL:	**$ 138,521.48**

Item	TRI-CITIES DISTRICT Description	Qty	Unit	Unit Price	Amount
2006	Services Non Personal: **Tri-Cities** District Substation Bareground Application - See PWS FFP	259 69	Acre	$ 396 58	$ 102,987 86
2006a	Services Non Personal: Additional Acreage - See PWS FFP	13 0	Acre	$ 396 58	$ 5,149 39
2006b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 16,000 00
2006c	Services Non Personal: Substation organic debris clearing - See PWS FFP	12 98	Hr	$ 293 88	$ 3,815 88
2006d	Services Non Personal: Switch Platforms - See PWS FFP	29	Each	$ 327 31	$ 9,491 99
2006e	Services Non Personal: MW/Radio Sites - See PWS FFP	5	Each	$ 469 08	$ 2,345 40
2006f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,196 00	$ 10,980 00
2006g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 2006 SUBTOTAL:	**$ 150,770.53**

Item	WENATCHEE DISTRICT Description	Qty	Unit	Unit Price	Amount
2007	Services Non Personal: **Wenatchee** District Substation Bareground Application - See PWS FFP	205 16	Acre	$ 342 39	$ 70,244 73
2007a	Services Non Personal: Additional Acreage - See PWS FFP	10 3	Acre	$ 342 39	$ 3,512 24
2007b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 2,000 00
2007c	Services Non Personal: Substation organic debris clearing - See PWS FFP	10 258	Hr	$ 293 88	$ 3,014 62
2007d	Services Non Personal: Switch Platforms - See PWS FFP	20	Each	$ 259 87	$ 5,197 40
2007e	Services Non Personal: MW/Radio Sites - See PWS FFP	11	Each	$ 389 80	$ 4,287 80
2007f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,196 00	$ 10,980 00
2007g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 2007 SUBTOTAL:	**$ 99,236.79**

Item	Description	Qty	Unit	Unit Price (see each district)	Amount
2001-2007	Services Non Personal: Total District Substation Bareground Application - FFP	1222 43	Acre		$ 467,529 56
2001a -2007a	Services Non Personal: Total Additional Acreage - FFP	61 1	Acre		$ 23,376 48
2001b-2007b	Services Non Personal: Total Safety Watcher Estimate - FFP	7 0	Job		$ 57,000
2001c-2007c	Services Non Personal: Total Substation organic debris clearing - FFP	61 1	Hr		$ 17,962 39
2001d-2007d	Services Non Personal: Total Switch Platforms - FFP	130 0	Each		$ 37,235 98
2001e-2007e	Services Non Personal: Total MW/Radio Sites - FFP	35 0	Each		$ 15,186 75
2001f-2007f	Services Non Personal: Optional: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - FFP	35	Daily		$ 76,860 00
2001g-2007g	Services Non Personal: TERO - FFP	0	Job		$ -
				TOTAL OPTYR 2 CONTRACT PRICE (7 of 13 Districts):	**$ 695,151.15**

NOTES:

The Contractor shall provide the services described in the Scope of Work at the identified unit prices

The CLIN (Contract Line Item) funds and quantities allocated represent BPA's estimated need and are not a commitment by BPA to acquire that specific quantity The Contracting Officer's Representative (COR) is authorized to approve a reallocation of funds/quantities between CLINS (within the identified district), provided the change does not necessitate a need to increase total awarded funds for that district The Safety Watcher and TERO CLINS are not authorized for a reallocation as these are pass through funds

If an increase in funds is needed, the COR must create a change request and a formal Modification must be signed by the Contract Officer

B. SCHEDULE OF ITEMS/CONTINUATION PAGE

Year 003 9/1/2027 to 8/31/2028

Item	COVINGTON DISTRICT Description	Qty	Unit	Unit Price	Amount
3001	Services Non Personal: **Covington** District Substation Bareground Application - See PWS FFP	94 05	Acre	$ 425 12	$ 39,982 54
3001a	Services Non Personal: Additional Acreage - See PWS FFP	4 70	Acre	$ 425 12	$ 1,999 13
3001b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 9,500 00
3001c	Services Non Personal: Substation organic debris clearing - See PWS FFP	4 70	Hr	$ 304 17	$ 1,430 36
3001d	Services Non Personal: Switch Platforms - See PWS FFP	9	Each	$ 333 18	$ 2,998 62
3001e	Services Non Personal: MW/Radio Sites - See PWS FFP	4	Each	$ 537 92	$ 2,151 68
3001f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,272 87	$ 11,364 35
3001g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 3001 SUBTOTAL:	**$ 69,426.67**

Item	REDMOND DISTRICT Description	Qty	Unit	Unit Price	Amount
3002	Services Non Personal: **Redmond** District Substation Bareground Application - See PWS FFP	158 6	Acre	$ 410 46	$ 65,098 96
3002a	Services Non Personal: Additional Acreage - See PWS FFP	7 9	Acre	$ 410 46	$ 3,254 95
3002b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 12,500 00
3002c	Services Non Personal: Substation organic debris clearing - See PWS FFP	7 93	Hr	$ 304 17	$ 2,412 07
3002d	Services Non Personal: Switch Platforms - See PWS FFP	0	Each	$ -	$ -
3002e	Services Non Personal: MW/Radio Sites - See PWS FFP	0	Each	$ -	$ -
3002f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,272 87	$ 11,364 35
3002g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 3002 SUBTOTAL:	**$ 94,630.32**

Item	SNOHOMISH DISTRICT Description	Qty	Unit	Unit Price	Amount
3003	Services Non Personal: **Snohomish** District Substation Bareground Application - See PWS FFP	92 55	Acre	$ 425 12	$ 39,344 86
3003a	Services Non Personal: Additional Acreage - See PWS FFP	4 6275	Acre	$ 425 12	$ 1,967 24
3003b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 2,000 00
3003c	Services Non Personal: Substation organic debris clearing - See PWS FFP	4 6275	Hr	$ 304 17	$ 1,407 55
3003d	Services Non Personal: Switch Platforms - See PWS FFP	1	Each	$ 333 18	$ 333 18
3003e	Services Non Personal: MW/Radio Sites - See PWS FFP	3	Each	$ 537 92	$ 1,613 76
3003f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,272 87	$ 11,364 35
3003g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 3003 SUBTOTAL:	**$ 58,030.94**

Item	SPOKANE DISTRICT Description	Qty	Unit	Unit Price	Amount
3004	Services Non Personal: **Spokane** District Substation Bareground Application - See PWS FFP	162 14	Acre	$ 354 37	$ 57,457 55
3004a	Services Non Personal: Additional Acreage - See PWS FFP	8 1	Acre	$ 354 37	$ 2,872 88
3004b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 2,000 00
3004c	Services Non Personal: Substation organic debris clearing - See PWS FFP	8 107	Hr	$ 304 17	$ 2,465 91
3004d	Services Non Personal: Switch Platforms - See PWS FFP	58	Each	$ 268 97	$ 15,600 26
3004e	Services Non Personal: MW/Radio Sites - See PWS FFP	9	Each	$ 403 44	$ 3,630 96
3004f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,272 87	$ 11,364 35
3004g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 3004 SUBTOTAL:	**$ 95,391.91**

Item	THE DALLES DISTRICT Description	Qty	Unit	Unit Price	Amount
3005	Services Non Personal: **The Dalles** District Substation Bareground Application - See PWS FFP	250 24	Acre	$ 410 46	$ 102,713 51
3005a	Services Non Personal: Additional Acreage - See PWS FFP	12 5	Acre	$ 410 46	$ 5,135 68
3005b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 14,500 00
3005c	Services Non Personal: Substation organic debris clearing - See PWS FFP	12 512	Hr	$ 304 17	$ 3,805 78
3005d	Services Non Personal: Switch Platforms - See PWS FFP	13	Each	$ 338 77	$ 4,404 01
3005e	Services Non Personal: MW/Radio Sites - See PWS FFP	3	Each	$ 485 50	$ 1,456 50
3005f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,272 87	$ 11,364 35
3005g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 3005 SUBTOTAL:	**$ 143,379.82**

Item	TRI-CITIES DISTRICT Description	Qty	Unit	Unit Price	Amount
3006	Services Non Personal: **Tri-Cities** District Substation Bareground Application - See PWS FFP	259 69	Acre	$ 410 46	$ 106,592 36
3006a	Services Non Personal: Additional Acreage - See PWS FFP	13 0	Acre	$ 410 46	$ 5,329 62
3006b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 16,500 00
3006c	Services Non Personal: Substation organic debris clearing - See PWS FFP	12 98	Hr	$ 304 17	$ 3,949 50
3006d	Services Non Personal: Switch Platforms - See PWS FFP	29	Each	$ 338 77	$ 9,824 33
3006e	Services Non Personal: MW/Radio Sites - See PWS FFP	5	Each	$ 485 50	$ 2,427 50
3006f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,272 87	$ 11,364 35
3006g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 3006 SUBTOTAL:	**$ 155,987.65**

Item	WENATCHEE DISTRICT Description	Qty	Unit	Unit Price	Amount
3007	Services Non Personal: **Wenatchee** District Substation Bareground Application - See PWS FFP	205 16	Acre	$ 354 37	$ 72,702 55
3007a	Services Non Personal: Additional Acreage - See PWS FFP	10 3	Acre	$ 354 37	$ 3,635 13
3007b	Services Non Personal: Safety Watcher - See PWS FFP	1	Job		$ 2,000 00
3007c	Services Non Personal: Substation organic debris clearing - See PWS FFP	10 258	Hr	$ 304 17	$ 3,120 18
3007d	Services Non Personal: Switch Platforms - See PWS FFP	20	Each	$ 268 97	$ 5,379 40
3007e	Services Non Personal: MW/Radio Sites - See PWS FFP	11	Each	$ 403 44	$ 4,437 84
3007f	Services Non Personal: Optional - Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	5	Daily	$ 2,272 87	$ 11,364 35
3007g	Services Non Personal: TERO - See F2 FFP		Job	$ -	$ -
				CLIN 3007 SUBTOTAL:	**$ 102,639.44**

Item	Description	Qty	Unit	Unit Price (see each district)	Amount
3001-3007	Services Non Personal: Total District Substation Bareground Application - FFP	1222 43	Acre		$ 483,892 32
3001a -3007a	Services Non Personal: Total Additional Acreage - FFP	61 1	Acre		$ 24,194 62
3001b-3007b	Services Non Personal: Total Safety Watcher Estimate - FFP	7 0	Job		$ 59,000
3001c-3007c	Services Non Personal: Total Substation organic debris clearing - FFP	61 1	Hr		$ 18,591 33
3001d-3007d	Services Non Personal: Total Switch Platforms - FFP	130 0	Each		$ 38,539 80
3001e-3007e	Services Non Personal: Total MW/Radio Sites - FFP	35 0	Each		$ 15,718 24
3001f-3007f	Services Non Personal: Optional: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - FFP	35	Daily		$ 79,550 45
3001g-3007g	Services Non Personal: TERO - FFP	0	Job		$ -
				TOTAL OPTYR 3 CONTRACT PRICE (7 of 13 Districts):	**$ 719,486.75**

NOTES:
The Contractor shall provide the services described in the Scope of Work at the identified unit prices
The CLIN (Contract Line Item) funds and quantities allocated represent BPA's estimated need and are not a commitment by BPA to acquire that specific quantity The Contracting Officer's Representative (COR) is authorized to approve a reallocation of funds/quantities between CLINS (within the identified district), provided the change does not necessitate a need to increase total awarded funds for that district The Safety Watcher and TERO CLINS are not authorized for a reallocation as these are pass through funds
If an increase in funds is needed, the COR must create a change request and a formal Modification must be signed by the Contract Officer

B. SCHEDULE OF ITEMS/CONTINUATION PAGE (Modification 002).					
Year 000 through 8/31/25.					
CLIN	EUGENE DISTRICT	Qty	Unit	Unit Price	Amount
0011	Services Non Personal: Eugene District Substation Bareground Application - See PWS FFP	107 70	Acre	$377 64	$40,671 83
0011a	Services Non Personal: Additional Acreage - See PWS FFP	10 00	Acre	$377 64	$3,776 40
0011b	Services Non Personal: Safety Watcher - See PWS This is a draw down pass through cost with a 3% admin fee allowable Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1 00	Job	NA	$5,000 00
0011c	Services Non Personal: Substation organic debris clearing - See PWS FFP	10 00	Hr	$274 34	$2,743 40
0011d	Services Non Personal: Switch Platforms - See PWS FFP	47 00	Each	$300 83	$14,139 01
0011e	Services Non Personal: MW/Radio Sites - See PWS FFP	8 00	Each	$442 23	$3,537 84
0011f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10 00	Daily	$2,250 00	$22,500 00
0011g	Services Non Personal: TERO - See PWS and F2 This is a draw down pass through cost for any TERO fees Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1 00	Job	NA	$2,500 00
				CLINS 0001 SUBTOTAL:	$94,868 48
CLIN	LONGVIEW DISTRICT	Qty	Unit	Unit Price	Amount
0022	Services Non Personal: Longview District Substation Bareground Application - See PWS FFP	131 80	Acre	$373 91	$49,281 34
0022a	Services Non Personal: Additional Acreage - See PWS FFP	14	Acre	$373 91	$5,234 74
0022b	Services Non Personal: Safety Watcher - See PWS This is a draw down pass through cost with a 3% admin fee allowable Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$5,000 00
0022c	Services Non Personal: Substation organic debris clearing - See PWS FFP	13	Hr	$274 34	$3,566 42
0022d	Services Non Personal: Switch Platforms - See PWS FFP	28	Each	$299 35	$8,381 80
0022e	Services Non Personal: MW/Radio Sites - See PWS FFP	6	Each	$442 27	$2,653 62
0022f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,250 00	$22,500 00
0022g	Services Non Personal: TERO - See PWS and F2 This is a draw down pass through cost for any TERO fees Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$2,500 00
				CLINS 0003 SUBTOTAL:	$99,117 92

CLIN	OLYMPIA DISTRICT	Qty	Unit	Unit Price	Amount
0033	Services Non Personal: Olympia District Substation Bareground Application - See PWS FFP	108 56	Acre	$385 35	$41,833 60
0033a	Services Non Personal: Additional Acreage - See PWS FFP	11	Acre	$385 35	$4,238 85
0033b	Services Non Personal: Safety Watcher - See PWS This is a draw down pass through cost with a 3% admin fee allowable Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$5,000 00
0033c	Services Non Personal: Substation organic debris clearing - See PWS FFP	11	Hr	$274 34	$3,017 74
0033d	Services Non Personal: Switch Platforms - See PWS FFP	38	Each	$294 40	$11,187 20
0033e	Services Non Personal: MW/Radio Sites - See PWS FFP	8	Each	$468 31	$3,746 48
0003f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,250 00	$22,500 00
0003g	Services Non Personal: TERO - See PWS and F2 This is a draw down pass through cost for any TERO fees Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$2,500 00
				CLINS 0004 SUBTOTAL:	$94,023 87

CLIN	SALEM DISTRICT	Qty	Unit	Unit Price	Amount
0044	Services Non Personal: Salem District Substation Bareground Application - See PWS / FFP	122 93	Acre	$375 78	$46,194 64
0044a	Services Non Personal: Additional Acreage - See PWS FFP	13	Acre	$375 78	$4,885 14
0044b	Services Non Personal: Safety Watcher - See PWS This is a draw down pass through cost with a 3% admin fee allowable Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$5,000 00
0044c	Services Non Personal: Substation organic debris clearing - See PWS FFP	13	Hr	$274 34	$3,566 42
0044d	Services Non Personal: Switch Platforms - See PWS FFP	18	Each	$300 85	$5,415 30
0044e	Services Non Personal: MW/Radio Sites - See PWS FFP	4	Each	$444 48	$1,777 92
0044f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,250 00	$22,500 00
0044g	Services Non Personal: TERO - See PWS and F2 This is a draw down pass through cost for any TERO fees Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$2,500 00
				CLINS 0005 SUBTOTAL:	$91,839 42

BASE YEAR SUMMARY TOTALS

Item	Description	Unit	Amount
0011-0044	Services Non Personal: Total District Substation Bareground Application - FFP	Acre	$177,981 40
0011a-00044a	Services Non Personal: Total Additional Acreage - FFP	Acre	$18,135 13
0011b-0044b	Services Non Personal: Total Safety Watcher Fees - FFP	Job / NTX	$20,000 00
0011c-0044c	Services Non Personal: Total Substation organic debris clearing - FFP	Hr	$12,893 98
0011d-0044d	Services Non Personal: Total Switch Platforms - FFP	Each	$39,123 31
0011e-0044e	Services Non Personal: Total MW/Radio Sites - FFP	Each	$11,715 86
0011f-0044f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - FFP	Daily	$90,000 00
0011g-0044g	Services Non Personal: TERO Fees - FFP	Job / NTX	$10,000 00
		TOTAL BASE YEAR PRICE (ALL DISTRICTS):	$379,849 68

NOTES:
The Contractor shall provide the services described in the Scope of Work at the identified unit prices
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If an increase in funds is needed, the COR must create a change request and a formal Modification must be signed by the Contract Officer

B. SCHEDULE OF ITEMS/CONTINUATION PAGE (Modification 002).					
Year 001 9/1/2025 to 8/31/2026.					
CLIN	EUGENE DISTRICT	Qty	Unit	Unit Price	Amount
1011	Services Non Personal: Eugene District Substation Bareground Application - See PWS FFP	107.70	Acre	$390.86	$42,095.62
1011a	Services Non Personal: Additional Acreage - See PWS FFP	10	Acre	$390.86	$3,908.60
1011b	Services Non Personal: Safety Watcher - See PWS. This is a draw down pass through cost with a 3% admin fee allowable. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$5,000.00
1011c	Services Non Personal: Substation organic debris clearing - See PWS FFP	10	Hr.	$283.94	$2,839.40
1011d	Services Non Personal: Switch Platforms - See PWS FFP	47	Each	$311.36	$14,633.92
1011e	Services Non Personal: MW/Radio Sites - See PWS FFP	8	Each	$457.71	$3,661.68
1011f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,328.75	$23,287.50
1011g	Services Non Personal: TERO - See PWS and F2. This is a draw down pass through cost for any TERO fees. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$2,500.00
				CLINS 1001 SUBTOTAL:	$97,926.72
CLIN	LONGVIEW DISTRICT	Qty	Unit	Unit Price	Amount
1022	Services Non Personal: Longview District Substation Bareground Application - See PWS FFP	131.80	Acre	$387.00	$51,006.60
1022a	Services Non Personal: Additional Acreage - See PWS FFP	14	Acre	$387.00	$5,418.00
1022b	Services Non Personal: Safety Watcher - See PWS. This is a draw down pass through cost with a 3% admin fee allowable. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$5,000.00
1022c	Services Non Personal: Substation organic debris clearing - See PWS FFP	13	Hr.	$283.94	$3,691.22
1022d	Services Non Personal: Switch Platforms - See PWS FFP	28	Each	$309.83	$8,675.24
1022e	Services Non Personal: MW/Radio Sites - See PWS FFP	6	Each	$457.75	$2,746.50
1022f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,328.75	$23,287 50
1022g	Services Non Personal: TERO - See PWS and F2. This is a draw down pass through cost for any TERO fees. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$2,500.00
				CLINS 1003 SUBTOTAL:	$102,325.06

CLIN	OLYMPIA DISTRICT	Qty	Unit	Unit Price	Amount
1033	Services Non Personal: Olympia District Substation Bareground Application - See PWS FFP	108.56	Acre	$398.84	$43,298.07
1033a	Services Non Personal: Additional Acreage - See PWS FFP	11	Acre	$398.84	$4,387.24
1033b	Services Non Personal: Safety Watcher - See PWS. This is a draw down pass through cost with a 3% admin fee allowable. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$5,000.00
1033c	Services Non Personal: Substation organic debris clearing - See PWS FFP	11	Hr.	$283.94	$3,123.34
1033d	Services Non Personal: Switch Platforms - See PWS FFP	38	Each	$304.70	$11,578.60
1033e	Services Non Personal: MW/Radio Sites - See PWS FFP	8	Each	$485.11	$3,880.88
1033f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,328.75	$23,287 50
1033g	Services Non Personal: TERO - See PWS and F2. This is a draw down pass through cost for any TERO fees. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$2,500.00
				CLIN 1004 SUBTOTAL:	$97,055.63

CLIN	SALEM DISTRICT	Qty	Unit	Unit Price	Amount
1044	Services Non Personal: Salem District Substation Bareground Application - See PWS / FFP	122.93	Acre	$388.93	$47,811 16
1044a	Services Non Personal: Additional Acreage - See PWS FFP	13	Acre	$388.93	$5,056.09
1044b	Services Non Personal: Safety Watcher - See PWS. This is a draw down pass through cost with a 3% admin fee allowable. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$5,000.00
1044c	Services Non Personal: Substation organic debris clearing - See PWS FFP	13	Hr.	$283.94	$3,691.22
1044d	Services Non Personal: Switch Platforms - See PWS FFP	18	Each	$311.38	$5,604.84
1044e	Services Non Personal: MW/Radio Sites - See PWS FFP	4	Each	$460.04	$1,840.16
1044f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,328.75	$23,287 50
1044g	Services Non Personal: TERO - See PWS and F2. This is a draw down pass through cost for any TERO fees. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$2,500.00
				CLINS 1005 SUBTOTAL:	$94,790 97

YEAR 001 SUMMARY TOTALS.

Item	Description	Unit	Amount
1011-1044	Services Non Personal: Total District Substation Bareground Application - FFP	Acre	$184,211.46
1011a -1044a	Services Non Personal: Total Additional Acreage - FFP	Acre	$18,769.93
1011b -1044b	Services Non Personal: Total Safety Watcher Estimate - FFP	Job / NTX	$20,000.00
1011c -1044c	Services Non Personal: Total Substation organic debris clearing - FFP	Hr.	$13,345.18
1011d -1044d	Services Non Personal: Total Switch Platforms - FFP	Each	$40,492.60
1011e -1044e	Services Non Personal: Total MW/Radio Sites - FFP	Each	$12,129.22
1011f -1044f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - FFP	Daily	$93,150.00
1011g-1044g	Services Non Personal: TERO - FFP	Job / NTX	$10,000.00
		TOTAL YEAR 001 PRICE (ALL DISTRICTS):	$392,098.39

NOTES:
The Contractor shall provide the services described in the Scope of Work at the identified unit prices
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B. SCHEDULE OF ITEMS/CONTINUATION PAGE (Modification 002).					
Year 002 9/1/2026 to 8/31/2027.					
CLIN	EUGENE DISTRICT	Qty	Unit	Unit Price	Amount
2011	Services Non Personal: Eugene District Substation Bareground Application - See PWS FFP	107.70	Acre	$404.54	$43,568.96
2011a	Services Non Personal: Additional Acreage - See PWS FFP	10	Acre	$404.54	$4,045.40
2011b	Services Non Personal: Safety Watcher - See PWS. This is a draw down pass through cost with a 3% admin fee allowable. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$5,000.00
2011c	Services Non Personal: Substation organic debris clearing - See PWS FFP	10	Hr.	$293.88	$2,938.80
2011d	Services Non Personal: Switch Platforms - See PWS FFP	47	Each	$322.26	$15,146.22
2011e	Services Non Personal: MW/Radio Sites - See PWS FFP	8	Each	$473.73	$3,789.84
2011f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,410.26	$24,102.60
2011g	Services Non Personal: TERO - See PWS and F2. This is a draw down pass through cost for any TERO fees. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$2,500.00
				CLINS 2001 SUBTOTAL:	$101,091.82
CLIN	LONGVIEW DISTRICT	Qty	Unit	Unit Price	Amount
2022	Services Non Personal: Longview District Substation Bareground Application - See PWS FFP	131.80	Acre	$400.55	$52,792.49
2022a	Services Non Personal: Additional Acreage - See PWS FFP	14	Acre	$400.55	$5,607.70
2022b	Services Non Personal: Safety Watcher - See PWS. This is a draw down pass through cost with a 3% admin fee allowable. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$5,000.00
2022c	Services Non Personal: Substation organic debris clearing - See PWS FFP	13	Hr.	$293.88	$3,820.44
2022d	Services Non Personal: Switch Platforms - See PWS FFP	28	Each	$320.67	$8,978.76
2022e	Services Non Personal: MW/Radio Sites - See PWS FFP	6	Each	$473.77	$2,842.62
2022f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,410.26	$24,102.60
2022g	Services Non Personal: TERO - See PWS and F2. This is a draw down pass through cost for any TERO fees. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Lot	NA	$2,500.00
				CLINS 2003 SUBTOTAL:	$105,644.61

CLIN	OLYMPIA DISTRICT	Qty	Unit	Unit Price	Amount
2033	Services Non Personal: Olympia District Substation Bareground Application - See PWS FFP	108.56	Acre	$412.80	$44,813.57
2033a	Services Non Personal: Additional Acreage - See PWS FFP	11	Acre	$412.80	$4,540.80
2033b	Services Non Personal: Safety Watcher - See PWS. This is a draw down pass through cost with a 3% admin fee allowable. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$5,000.00
2033c	Services Non Personal: Substation organic debris clearing - See PWS FFP	11	Hr.	$293.88	$3,232.68
2033d	Services Non Personal: Switch Platforms - See PWS FFP	38	Each	$315.36	$11,983.68
2033e	Services Non Personal: MW/Radio Sites - See PWS FFP	8	Each	$502.10	$4,016.80
2033f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,410.26	$24,102.60
2033g	Services Non Personal: TERO - See PWS and F2. This is a draw down pass through cost for any TERO fees. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$2,500.00
				CLINS 2004 SUBTOTAL:	$100,190.13

CLIN	SALEM DISTRICT	Qty	Unit	Unit Price	Amount
2044	Services Non Personal: Salem District Substation Bareground Application - See PWS FFP	122.93	Acre	$402.54	$49,484.24
2044a	Services Non Personal: Additional Acreage - See PWS FFP	13	Acre	$402.54	$5,233.02
2044b	Services Non Personal: Safety Watcher - See PWS. This is a draw down pass through cost with a 3% admin fee allowable. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	Job	NA	$5,000.00
2044c	Services Non Personal: Substation organic debris clearing - See PWS FFP	13	Hr.	$293.88	$3,820.44
2044d	Services Non Personal: Switch Platforms - See PWS FFP	18	Each	$322.28	$5,801.04
2044e	Services Non Personal: MW/Radio Sites - See PWS FFP	4	Each	$476.14	$1,904.56
2044f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,410.62	$24,106.20
2044g	Services Non Personal: TERO - See PWS and F2. This is a draw down pass through cost for any TERO fees. Actuals will be submitted with invoice payment request. Not to exceed ceiling amount. FFP	1	job	NA	$2,500.00
				CLINS 2005 SUBTOTAL:	$97,849.50

YEAR 002 SUMMARY TOTALS.

CLIN	Description	Unit	Amount
2011-2044	Services Non Personal: Total District Substation Bareground Application - FFP	Acre	$190,659.26
2011a -2044a	Services Non Personal: Total Additional Acreage - FFP	Acre	$19,426.92
2011b-2044b	Services Non Personal: Total Safety Watcher Estimate - FFP	Job / NTX	$20,000.00
2011c-2044c	Services Non Personal: Total Substation organic debris clearing - FFP	Hr.	$13,812.36
2011d-2044d	Services Non Personal: Total Switch Platforms - FFP	Each	$41,909.70
2011e-2044e	Services Non Personal: Total MW/Radio Sites - FFP	Each	$12,553.82
2011f-2044f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - FFP	Daily	$96,414.00
2011g-2044g	Services Non Personal: TERO - FFP	Job / NTX	$10,000.00
	TOTAL YEAR 002 PRICE (ALL DISTRICTS):		$404,776.06

NOTES:

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B. SCHEDULE OF ITEMS/CONTINUATION PAGE (Modification 002).					
Year 003 9/1/2027 to 8/31/2028.					
CLIN	EUGENE DISTRICT	Qty	Unit	Unit Price	Amount
3011	Services Non Personal: **Eugene** District Substation Bareground Application - See PWS FFP	107 70	Acre	$418 70	$45,093 99
3011a	Services Non Personal: Additional Acreage - See PWS FFP	10	Acre	$418 70	$4,187 00
3011b	Services Non Personal: Safety Watcher - See PWS This is a draw down pass through cost with a 3% admin fee allowable Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$5,000 00
3011c	Services Non Personal: Substation organic debris clearing - See PWS FFP	10	Hr	$304 17	$3,041 70
3011d	Services Non Personal: Switch Platforms - See PWS FFP	47	Each	$333 54	$15,676 38
3011e	Services Non Personal: MW/Radio Sites - See PWS FFP	8	Each	$490 31	$3,922 48
3011f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,494 62	$24,946 20
3011g	Services Non Personal: TERO - See PWS and F2 This is a draw down pass through cost for any TERO fees Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$2,500 00
				CLINS 3001 SUBTOTAL:	$104,367 75
CLIN	LONGVIEW DISTRICT	Qty	Unit	Unit Price	Amount
3022	Services Non Personal: Longview District Substation Bareground Application - See PWS FFP	131 80	Acre	$414 57	$54,640 33
3022a	Services Non Personal: Additional Acreage - See PWS FFP	14	Acre	$414 57	$5,803 98
3022b	Services Non Personal: Safety Watcher - See PWS This is a draw down pass through cost with a 3% admin fee allowable Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$5,000 00
3022c	Services Non Personal: Substation organic debris clearing - See PWS FFP	13	Hr	$304 17	$3,954 21
3022d	Services Non Personal: Switch Platforms - See PWS FFP	28	Each	$331 89	$9,292 92
3022e	Services Non Personal: MW/Radio Sites - See PWS FFP	6	Each	$490 35	$2,942 10
3022f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,494 62	$24,946 20
3022g	Services Non Personal: TERO - See PWS and F2 This is a draw down pass through cost for any TERO fees Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$2,500 00
				CLINS 3003 SUBTOTAL:	$109,079 74

CLIN	OLYMPIA DISTRICT	Qty	Unit	Unit Price	Amount
3033	Services Non Personal: Olympia District Substation Bareground Application - See PWS FFP	108 56	Acre	$427 25	$46,382 26
3033a	Services Non Personal: Additional Acreage - See PWS FFP	11	Acre	$427 25	$4,699 75
3033b	Services Non Personal: Safety Watcher - See PWS This is a draw down pass through cost with a 3% admin fee allowable Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$5,000 00
3033c	Services Non Personal: Substation organic debris clearing - See PWS FFP	11	Hr	$304 17	$3,345 87
3033d	Services Non Personal: Switch Platforms - See PWS FFP	38	Each	$326 40	$12,403 20
3033e	Services Non Personal: MW/Radio Sites - See PWS FFP	8	Each	$519 67	$4,157 36
3033f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,494 62	$24,946 20
3033g	Services Non Personal: TERO - See PWS and F2 This is a draw down pass through cost for any TERO fees Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$2,500 00
				CLINS 3004 SUBTOTAL:	$103,434 64

CLIN	SALEM DISTRICT	Qty	Unit	Unit Price	Amount
3044	Services Non Personal: Salem District Substation Bareground Application - See PWS FFP	122 93	Acre	$416 63	$51,216 33
3044a	Services Non Personal: Additional Acreage - See PWS FFP	13	Acre	$416 63	$5,416 19
3044b	Services Non Personal: Safety Watcher - See PWS This is a draw down pass through cost with a 3% admin fee allowable Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$5,000 00
3044c	Services Non Personal: Substation organic debris clearing - See PWS FFP	13	Hr	$304 17	$3,954 21
3044d	Services Non Personal: Switch Platforms - See PWS FFP	18	Each	$333 56	$6,004 08
3044e	Services Non Personal: MW/Radio Sites - See PWS FFP	4	Each	$492 80	$1,971 20
3044f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - See PWS FFP	10	Daily	$2,494 62	$24,946 20
3044g	Services Non Personal: TERO - See PWS and F2 This is a draw down pass through cost for any TERO fees Actuals will be submitted with invoice payment request Not to exceed ceiling amount FFP	1	Job	NA	$2,500 00
				CLINS 3005 SUBTOTAL:	$101,008 21

YEAR 003 SUMMARY TOTALS			
CLIN	Description	Unit	Amount
3011-3044	Services Non Personal: Total District Substation Bareground Application - FFP	Acre	$197,332 90
3011a -3044a	Services Non Personal: Total Additional Acreage - FFP	Acre	$20,106 92
3011b-3044b	Services Non Personal: Total Safety Watcher Estimate - FFP	Job / NTX	$20,000 00
3011c-3044c	Services Non Personal: Total Substation organic debris clearing - FFP	Hr	$14,295 99
3011d-3044d	Services Non Personal: Total Switch Platforms - FFP	Each	$43,376 58
3011e-3044e	Services Non Personal: Total MW/Radio Sites - FFP	Each	$12,993 14
3011f-3044f	Services Non Personal: Retreatment non-warranty work/Approved Containment Liner/Well Spray Application/Other Vegetation - FFP	Daily	$99,784 80
3011g-3044g	Services Non Personal: TERO - FFP	Job / NTX	$10,000 00
	TOTAL OPTION YEAR 003 PRICE (ALL DISTRICTS):		$417,890 33

NOTES:

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C. SUBMISSION OF INVOICES & CONTACT INFORMATION

1. Invoices should be sent electronically to:	vegmgmt@bpa.gov
Note: Invoices that contain more than two digits after the decimal point will be rejected.	
2. Payment Terms:	Net 30
3. If Insurance is required send electronically to:	bpainsurancecertificates@bpa.gov
4. Bonneville Contact Information:	
Bonneville Contracting Office:	NSSV-4400-2
Attention:	Terry Holtcamp
Contact Email:	taholtcamp@bpa.gov
Bonneville Program Office:	TFBV
Attention:	*See Section C. Continued*
Contact Email:	*See Section C. Continued*
5. Contractor Contact Information:	
Company Name:	Basin Tree Service & Pest Control Inc.
Attention:	Andrew Whalen
Contact Email:	(b) (6)

Section C Continued / Bonneville Program Office.		
District	COR	COR email
Snohomish & Covington	Jake Grinolds	jdgrinolds@bpa.gov
Wenatchee	Len Rieman	larieman@bpa.gov
Spokane	Craig Fackrell	cjfackrell@bpa.gov
Tri-Cities	Cozette DeTray	cldetray@bpa.gov
The Dalles	Jake Marti	jcmarti@bpa.gov
Redmond	Jake Marti	jcmarti@bpa.gov
Eugene	Mora Flores,Carlos (BPA) - TFBV-ALVEY	jcmoraflores@bpa.gov
Longview	Luis,Brian J (BPA) - TFBV-ROSS MHQA	BJLuis@bpa.gov
Olympia	Jason D (BPA) - TFBV-OLYMPIA Hunt	jdhunt@bpa.gov
Salem	Austin,Jennifer L (BPA) - TFBV-CHEMAWA	jlknoellinger@bpa.gov

D. DELIVERY INFORMATION					
Line Item No.	**Period of Performance**	**Quantity**	**Unit**	**Delivery Terms**	**Place of Performance**
ALL CLINS	5/17/2024 to 8/31/2028	1.00	Job	Block 11	SEE PWS

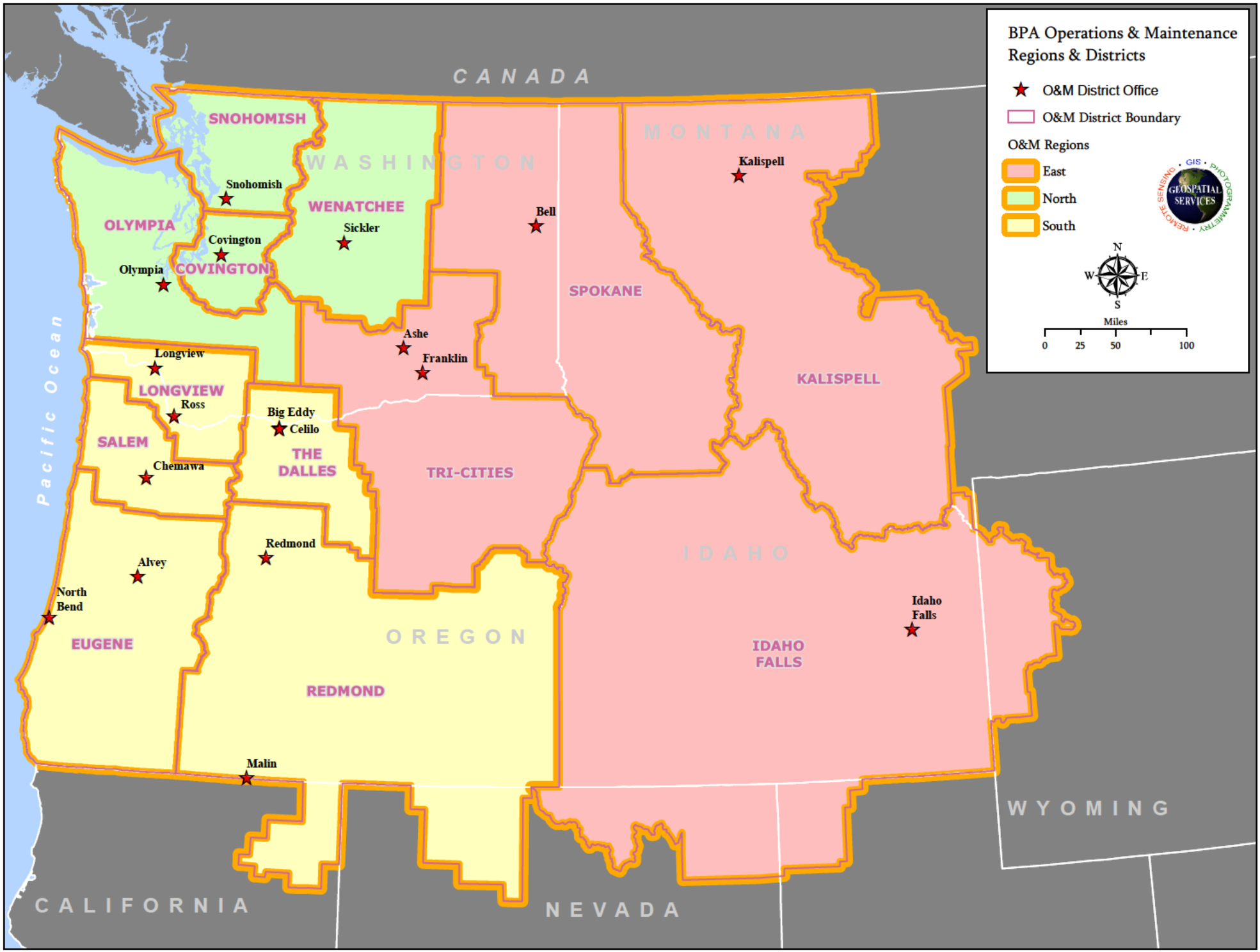
Special Delivery Instructions:

E. INSPECTION AND ACCEPTANCE TERMS

All line item(s) in Section B will be inspected and accepted by the COR at the address specified in Section C unless otherwise stated in the table below.

Line Item No.	Inspection At/Inspection By		Acceptance At/Acceptance By		Additional Info
ALL CLINS.	Government	Government	Government	Government	

F. ATTACHMENTS	
	Description
F1	Baregrounds Performance Work Statement (PWS) and Exhibits - dated 03/06/2024.
F2	Contract Clauses Updated to BPI 24-1.
F3	Updated SCA Wage Determinations Table.
F4	F4.1 Eugene Facilities Maps. F4.2 Longview Facilities Maps. F4.3 Olympia Facilities Maps. F4.4 Salem Facilites Maps.



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Covington Facilities - Bareground Vegetation Management

District	Name	GPS Location	Acres	# Platforms	Notes
Covington	Covington		26.00		CAPS - SCHEDULE W/ CHIEF
Covington	Echo Lake		11.10		CAPS - SCHEDULE W/ CHIEF
Covington	Maple Valley		16.50		CAPS - SCHEDULE W/ CHIEF
Covington	Raver		24.00		CAPS - SCHEDULE W/ CHIEF
Covington	Lynch Creek & Tap		0.50		
Covington	Tacoma		11.00		CAPS - SCHEDULE W/ CHIEF
Covington	South Tacoma		4.10		
Covington	Steilacoom		0.45		
Covington	Surprise Lake		0.40		
Covington	B-278			1	Lynch Creeek Tap
Covington	B-1388			1	McCullough
Covington	B-1389			1	Hackenson
Covington	B-1397			1	Franz Holmes Tap
Covington	A-35			1	Oly-South Tacoma #1
Covington	A-39			1	South Tacoma White River
Covington	A-480			1	Chehalis Covington
Covington	A-481			1	South -Tacoma
Covington	A-483			1	Cowlitz Tap
Covington	North Bend				Microwave Site
Covington	Rockdale				Microwave Site
Covington	Tacoma				Microwave Site
Covington	Squak Mt.				Microwave Site
		SUB TOTAL	94.05	9	

Eugene Facilities - Bareground Vegetation Management (Modification 002).								
CLIN	District	Facility type	Name	GPS Location	Acres	# Platforms	MW/Radio Sites	Notes
1	Alvey	Platform	Airport Tap	44.5269, -122.9439	0.01	1		spray entire graveled area
2	Alvey	Substation	Albany Substaion	44.621483, -123.1271910	5.00			CAPS - SCHEDULE W/ CHIEF
3	Alvey	Platform	Alderwood Tap	44.150139, -123.367083	0.65	2		B-389, B-390 spray approaches from hwy.
4	Alvey	Substation	Alvey Substation	43.998873, -123.015490	31			CAPS (3) - SCHEDULE W/ CHIEF
5	Alvey	Platform	Blue River Tap	44.14890, -122.31729 44.14892, -122.31708	0.02	2		B-1449, B-1460 spray entirety of fence enclosure
6	Alvey	Substation	Burnt Woods Substation	44.605722, - 123.610083	0.70			
7	Alvey	Substation	Cougar Substation	44.130361, -122.243861	0.31			
8	Alvey	Platform	Dillard Tap	43.99536, -123.08166 43.99537, -123.08123	0.02	2		B-1579, B-1580 spray access road and all adjacent graveled areas
9	Alvey	Substation	Dorena Substation	43.778472, -122.965333	0.46			
10	Alvey	Platform	Dorena Tap	43.77322, -123.05316	0.25	1		B-1577 on the east end of the Dorena Tap T-line. Spray gravel parking area and platform.
11	Alvey	Substation	Drain Substation	43.658056, -123.3144750	1.40			CAPS - SCHEDULE W/ CHIEF
12	Alvey	Substation	Eugene Substation	44.0752084, -123.1467477	2.75			
13	Alvey	Platform	Fern Ridge Tap	44.02913, -123.35195	0.01	1		B-1401. Switch is in the yard. Spray switch area.
14	Alvey	Platform	Foster Tap	44.46751, -122.66327 44.467797, -122.663924 44.467321, -122.662819 44.467131, -122.663223	0.50	3		Spray 3 swith areas and driveway in.
15	Alvey	Platform	Froman Tap	44.57151, -123.04608 44.57156, -123.04621 44.55716, -123.00861	0.50	3		B-1666, B-1667 spray access road and entire field switching area (gravel) B-1669 (Goltra Rd.)
16	Alvey	Sub & Plat	Green Valley & SP	43.41586, -123.35953 43.41635, -123.35929 43.41545, -123.35985	1.02	2		Substation and Two switch platforms on map now included in acreage
17	Alvey	Platform	Halsey Mill Tap	44.38419, -123.16609 44.38422, -123.16611 44.38117, -123.16623	0.90	3		B-1227, B-1228, B-1229 dry season only spray road approaches and all adjacent graveled areas
18	Alvey	Sub & Plat	Harrisburg & SP	44.30231, -123.16840 44.30296, -123.16877 44.30236, -123.16877 44.30178, -123.16880	2.98	3		Substation and Three switch platforms & access roads on map now included in acreage
19	Alvey	Platform	Hideaway Tap	43.99503, -123.06396 43.994963, -123.063971 43.994988, -123.063378	0.20	2		B-1480, B-1481 spray access roads and all graveled field switching areas
20	Alvey	Substation	Hills Creek Substation	43.71048, -122.42419	0.13			
21	Alvey	Platform	Junction City Tap	44.16328, -123.20085	0.05	2		Two swtiches at this location. B-435, B-974 spray entire graveled area
22	Alvey	Substation	Lane Substation	44.05085, -123.23229	14.50			CAPS - SCHEDULE W/ CHIEF
23	Alvey	Platform	Latham Tap	43.74666, -123.09392 43.74600, -123.09512 43.74649, -123.09323	0.03	3		Platforms are on access road. B-1833, B-1834, B-1835 spray access roads and all graveled areas
24	Alvey	Substation	Lebanon Substation	44.50439, -122.86542	3.00			CAPS - SCHEDULE W/ CHIEF
25	Alvey	Platform	Lochner Tap	44.60098, -123.09844 44.60061, -123.09788	0.03	2		Two switches outside the substation yard. B-1488 & B-1489
26	Alvey	Substation	Looking Glass Substation	43.17511, -123.51283	0.28			
27	Alvey	Substation	Lookout Point Substation	43.91552, -122.75768	1.20			
28	Alvey	Platform	Marcola Substation	44.17052, -122.87844	0.30	1		A-500; spray access road and platform/field switching area
29	Alvey	Substation	Martin Creek Substation	43.741861, -123.113611	1.15			
30	Alvey	Platform	Martin Creek Tap	43.74365, -123.11819 43.74802, -123.11309	0.02	2		20/3 & 19/8 spray access roads; Per BPA and Landowner agreement 24hour notice prior to entering area, active pasture--close ALL gates
31	Alvey	Platform	Mt. Vernon Tap	44.00196, -122.99683	0.01	1		B-15 / 15-1
32	Alvey	Platform	North Butte Tap	44.42234, -122.67301 44.41975, -122.67111	0.20	2		B-1693, B-33 spray access roads
33	Alvey	Platform	Noti Creek Tap	44.01934, -123.39609 44.01877, -123.43361	0.50	2		B-971, B-972 spray entire graveled field switching areas and access roads
34	Alvey	Platform	Parker Tap	44.12246, -123.18990	0.04	2		B-431, B-439 spray road approach and entire graveled, fenced area
35	Alvey	Platform	Pleasant Hill Tap	43.97192, -122.91086	0.01	1		10/1 spray entire graveled area
36	Alvey	Platform	Rainbow Valley Tap	44.04129, -123.24300	0.30	1		B-1408--spray road switching area; TNC land
37	Alvey	Substation	Reston Substation	43.17760, -123.56499	2.23			
38	Alvey	Substation & Platform	Walton & SP	44.03342, -123.59090 44.03347, -123.59030	0.30	1		One switch platform on map now included in acreage
39	Alvey	Substation & Platform	Wren & SP	44.59072, -123.42836 44.59051, -123,42732	0.71	2		Substation and Two switch platforms on map now included in acreage across the street from the substation
40	Alvey	Substation	Bandon Substation	43.10665, -124.39677	2.06			CAPS - SCHEDULE W/ CHIEF
41	Alvey	Substation	Fairview Substation	43.21332, -124.07518	5.70			CAPS - SCHEDULE W/ CHIEF
42	Alvey	Substation	Gardiner Substation	43.74167, -124.11332	0.60			
43	Alvey	Substation	Gold Beach Substation	42.40939, -124.41606	0.60			Horsetail present
44	Alvey	Substation	Hauser Substation	43.52047, -124.19314	0.59			
45	Alvey	Substation	Langlois Substation	42.91170, -124.45198	0.47			
46	Alvey	Substation	Mapleton Substation	44.02251, -123.86320	1.60			
47	Alvey	Substation	North Bend MHQ	43.50160, -124.21548	2.79			
48	Alvey	Substation	Port Orford Substation	42.76909, -124.46596	0.71			
49	Alvey	Substation	Reedsport Substation	43.69565, -124.12468	1.50			CAPS - SCHEDULE W/ CHIEF
50	Alvey	Substation	Rogue Substation	42.48378, -124.40706	3.10			CAPS - SCHEDULE W/ CHIEF
51	Alvey	Substation	Tahkenitch Substation	43.74279, -124.08349	4.40			CAPS - SCHEDULE W/ CHIEF
52	Alvey	Substation	Toledo Substation	44.62116, -123.92250	3.80			CAPS - SCHEDULE W/ CHIEF also treat gravel parking area
53	Alvey	Substation & Platform	Two Mile & SP	43.05785, -124.40057 43.05813, -124.40017 43.05699, -124.40025	1.08			Two switch platforms on map now included in acreage
54	Alvey	Substation	Wendson Substation	44.00749, -124.01094	4.05			
55	Alvey	MW/Radio Sites	Coburg MW	44.1158, -123.0386	0.13		1	
56	Alvey	MW/Radio Sites	Lowell Butte MW	43.9272, -122.7606	0.18		1	
57	Alvey	MW/Radio Sites	Mary's Peak MW	44.5043, -123.5525	0.36		1	
58	Alvey	MW/Radio Sites	Noti MW	44.0507, -123.5026	0.05		1	
59	Alvey	MW/Radio Sites	Scott Mt. MW	43.3713, -123.0644	0.1		1	
60	Alvey	MW/Radio Sites	Blue Ridge MW	43.2510, -124.1130	0.05		1	
61	Alvey	MW/Radio Sites	Goodwin Peak MW	43.9278, -123.8917	0.07		1	
62	Alvey	MW/Radio Sites	Kenyon MW	43.00225, -123.77901	0.04		1	
			GRAND TOTAL		107.7	47	8	

Idaho Falls District Facilities - Bareground Vegetation Management

Facility type	Name	Physical Address	Acres	MW/Radio Sites	Platforms	Treatment Notes
Substation	Albion	Tremayne St. Albion, ID 83311	0.23			
Substation	Bridge	Olson Rd. Malta, ID 83342	1.30			
Substation	Canal	N 100 E. Rd. Declo, ID 83323	0.50			include driveway outside of sub
Platforms	Canal	N 100 E. Rd. Declo, ID 83323			4	
Substation	Canal Tap Access Area		0.40			
Platforms	Canal Tap Switch Platforms				3	
Substation	Cattle Creek		3.12			
Substation	Declo Yard	1st West St. Declo, ID 83323	0.10			
Substation	Drummond	State Highway 32 Ashton, ID 83420	2.50			
Substation	E. Burley Storage	Hiland Ave. Burley, ID 83318	1.50			
Platforms	Burley Tap Switch Platform				1	
Substation	East Hills	State Highway 77 Declo, ID 83323	0.10			
Substation	Goshen	900 E Sugar Factory Rd, Shelley, ID 83274	1.52			BPA maintained area only.
Substation	Heyburn	21st St. Heyburn, ID 83336	2.50			
Substation	Heyrend Pole Yard	2473 W. Omni Dr. Idaho Falls, ID 83402	4.13			
Substation	Idahome		0.67			
Substation	Idaho Falls HQ Back Yard	1350 Lindsay Blvd. Idaho Falls, ID. 83402	2.50			
Substation	Lost River	Hill Rd. Moore, ID 83255	1.30			
Substation	Macks Inn	State Highway 84 Macks Inn, ID 83433	1.08			
Substation	Madison	Flat Rd. West Yellowstone, MT 59758	1.34			
Substation	Minidoka	900 East Rd. Minidoka, ID 83350	0.05			
Substation	Mountain Home	US Highway 20 Mountain Home, ID 83647	0.28			
Substation	Round Valley	US Highway 93 Challis, ID 83226	1.30			
Substation	Spar Canyon	Gooseberry Ck. Rd. Challis, ID 83229	5.82			
Substation	Swan Valley	US Highway 26 Swan Valley, ID 83449	1.70			
Substation	Targhee	W. Buxton Rd. Driggs, ID 83422	2.00			
Substation	Teton	Raintree Rd. off HW 390 Wilson, WY 83014	2.00			
Platforms	Roe's Corner Tap Switch Platform				1	
Platforms	Riverton Tap Switch Platform				1	
Substation	Unity	250 East Rd. Burley, ID 83318	1.34			
Substation	Victor Tap		0.11			
Substation	Targhee Tap	Poleline Rd. Victor, ID 83455	0.18			
Substation	Pacific Tap		1.51			
MW /Radio Sites	Ashton Hill Radio Site	4 miles north of Ashton, ID off of HWY 20		1		
MW /Radio Sites	Bonanza Radio Site	North of American Falls, ID. On HWY 39. Site is on Channel Road		1		
MW /Radio Sites	Minidoka Radio Site	400 North Rupert, ID. by Minidoka Dam		1		
MW /Radio Sites	Thunder Ridge MW Radio Site	Panarama drive Idaho Falls, ID		1		
MW /Radio Sites	Pingree MW Site			1		
		Totals	**41.08**	**5**	**10**	

Kalispell District Facilities - Bareground Vegetation Management								
CLIN	District	Facility type	Name	GPS Location	Acres	# Platforms	MW/Radio Sites	Notes
1	Kalispell	Substation	Columbia Falls	West Yard 48.362784, -114.143889 East Yard 48.362858, -114.141323	5.20			2 substations with 2 maps, 1st map entitled Columbia Falls Substation Vegetation Management Site Plan, 2nd map entitled Columbia Falls Substation Vegetation Management 230kV Yard Site Plan, includes roads, & parking & CAPS
2	Kalispell	Substation	Conkelley	East Yard 48.390944, -114.133332 West Yard 48.390823, -114.136543	12.00			3 yards **No water available**
3	Kalispell	Platforms	Dixon	North 47.310130, -114.300981 South 47.309150, -114.300385	0.04	2		platforms on either side of the substation.
4	Kalispell	Substation	Dixon	47.309084, -114.300355	0.70			spray parking area & roadway to platforms
5	Kalispell	Platforms	Elmo	47.834395, -114.353821 47.832933, -114.353601	0.04	2		north & south Switching Platforms
6	Kalispell	Substation	Flathead	48.245006, -114.312552	1.46			From entrance gate west & parking area. Includes apprximately 2.0 acre substation expansion area under construction. Coordinate w/Chief on what parts of new construction to be sprayed. A map will be provided when it becomes available.
7	Kalispell	Platforms	Haskill	48.111260, -114.642440	0.04	2		switching platforms
8	Kalispell	tenance & Subst	Garrison	46.516119, -112.888017	28.00			CAPS - SCHEDULE W/ CHIEF add on fire pad (later application) No water available. Includes approximately 1 acre lay down yard approximately 120 feet east of substation, between eastern substatioon perimiter fence and BRDV-GARR 1&2 225/1. A map will be provided when it becomes available.
9	Kalispell	Substation	Hot Springs	47.577701, -114.628371	15.90			include roadway & parking area
10	Kalispell	Substation	Kalispell	48.216884, -114.216381	1.25			include parking area & **CAPS - SCHEDULE W/ CHIEF** . ***Note fenced area to the SW of the yard is local PUD & not part of spraying contract.
11	Kalispell	Headquarters	Kalispell MHQ	48.236850, -114.277828	3.70			include loading dock & all graveled areas
12	Kalispell	Substation	Kerr	47.677751, -114.245145	1.05			substation only
13	Kalispell	Substation	Libby	48.394558, -115.307257	3.75			yard & maintenance enclosure
14	Kalispell	Platforms	Noxon	47.96402 , -115.72147	0.04	2		switching platforms
15	Kalispell	Substation	Ovando	46.932432, -113.098924	0.50			include parking area and around restroom facility. ***Note yard to the west and south are local PUD and not part of contract.
16	Kalispell	Substation	Silver Bow	45.994779, -112.680140	2.10			substation only
17	Kalispell	Platform	Stillwater	48.54797 , -114.56730	0.02	1		North switching platform only
18	Kalispell	Substation	Taft	47.45611, -115.58940	2.10			Include parking area
19	Kalispell	Substation	Trego	48.707713, -114.858301	0.06			**CAPS - SCHEDULE W/ CHIEF**
20	Kalispell	Platforms	Troy	48.44217 , -115.87095	0.02	1		Swith outside / next to substation
21	Kalispell	Substation	Troy	48.4417073, -115.8699881	0.52			Asarco tap also here
22	Kalispell	Platforms	Yaak	48.59766 , -115.98316	0.2	1		Switch right down the easemnt from Yaak Sub
23	Kalispell	Substation	Yaak	48.599580, -115.987674	0.50			road to switching platform and Yaak parking area
24	Kalispell	Platforms	Trout Cr	47.84332 , -115.60865	0.04	2		
25	Kalispell	Platforms	Trumbull	48.38553, -114.23356	0.02	1		The Trumbull Creek “platform” BPA-owned switch at Flathead Electric’s Trumbull Creek substation. It’s inside their fence, and we have a BPA padlock on their gate for access.
26	Kalispell	MW/Radio Sites	Blacktail Peak	48.013370, -114.366450	0.02		1	Tenative--may need treated in May/June
27	Kalispell	MW/Radio Sites	Thompson Falls	47.631564, -115.376485	0.02		1	Tenative--may need treated in May/June
28	Kalispell	MW/Radio Sites	Bald Mountain	47.385470, -115.620660	0.02		1	Tenative--may need treated in May/June
29	Kalispell	MW/Radio Sites	Miller Peak	46.756450, -113.891740	0.02		1	Tenative--may need treated in May/June
30	Kalispell	MW/Radio Sites	Rocky Ridge	46.515590, -112.672800	0.02		1	Tenative--may need treated in May/June
31	Kalispell	MW/Radio Sites	Bearmouth	46.665900, -113.233200	0.02		1	Tenative--may need treated in May/June
32	Kalispell	MW/Radio Sites	Jack Mountain	46.338628, -112.291678	0.02		1	Tenative--may need treated in May/June
33	Kalispell	MW/Radio Sites	Grassy Mountain	46.319560, -111.113140	0.02		1	Tenative--may need treated in May/June
34	Kalispell	MW/Radio Sites	Hungry Horse	48.339260, -114.015950	0.02		1	Tenative--may need treated in May/June
35	Kalispell	MW/Radio Sites	Patrick's Knob	47.37259, -114.85963	0.02		1	Tenative--may need treated in May/June
36	Kalispell	MW/Radio Sites	Alberton	47.03079, -114.43364	0.02		1	Tenative--may need treated in May/June
				Totals	79.43	14	11	

Longview District Facilities - Bareground Vegetation Management (Modification 002.									
CLIN	**District**	**Facility type**	**Name**	**GPS Location**	**Physical Address**	**Acres**	**# Platforms**	**MW/Radio Sites**	**Notes**
1	Longview	Substations	Allston	46.10748, -123.03245	76528 Heath Rd. Rainier, OR 97048	20.10			sparay parking area outside substation and energized yard.
2	Longview	Substations	Cardwell	46.04569, -122.84461	430 Kalama River Rd. Kalama, WA 98632	1.79			sparay parking area outside substation and energized yard.
3	Longview	Substations	Clatsop	46.14236, -123.84054	County Rd. #74 Astoria, Oregon	4.20			sparay parking area outside substation and energized yard.
4	Longview	Substations	Cowlitz	46.11478, -122.93732	81 Fibre Way Longview, WA 98632	1.52			sparay parking area outside substation and energized yard.
5	Longview	Substations	Driscoll	46.14869, -123.41462	Taylor View Rd. & Hwy. 30 Wauna, OR	4.08			sparay parking area outside substation and energized yard.
6	Longview	Substations	Lexington	46.18193, -122.91324	100 Pankratz Rd. Longview, WA 98362	4.30			spray access road and energized yard.
18	Longview	Switch Platforms	Fairgrounds Tap	45.84945, -122.86575	Bachelor Flat Rd. St. Helens, OR	0.04	2		B-1818 & B-1819
19	Longview	Switch Platforms	Donald Nye Tap	46.12176, -123.03221 46.12161, -123.03225	Dike Rd. Rainier, OR	0.04	2		B-1903 & B-1904
20	Longview	Switch Platforms	Deer Island Tap	45.92528, -122.84692 45.92489, -122.84665	Chaney Rd. Deer Island, OR	0.04	2		B-2174 & B-2175
21	Longview	Microwave Sites	MW Rainier	46.04085, -122.92206	72053 Neer City Rd. Rainier, OR	0.09		1	
22	Longview	Microwave Sites	MW Megler	46.26601, -123.87729	Megler Rd.	0.09		1	
23	Longview	Microwave Sites	MW Naselle Ridge	46.42180, -123.79690	St. Hwy. 4 Naselle, WA	0.09		1	
					Totals	54.03	19	3	

Ross District Facilities - Bareground Vegetation Management									
CLIN	District	Facility type	Name	GPS Location	Physical Address	Acres	# Platforms	MW/Radio Sites	Notes
1	Longview	Substations	Acton	45.63544, -121.94534	100 Old Columbia River Hwy. Cascade Locks, OR	0.30			
2	Longview	Substations	Cascade Locks	45.67799, -121.85303	1800 Frontage Rd. Cascade Locks, OR	0.80			
3	Longview	Substations	Troutdale	45.55886, -122.40421	5200 Reynolds Rd. Troutdale, OR	12.40			On-site well-buffers required **CAPS-SCHEDULE W/ CHIEF**
4	Longview	Substations	North Bonneville	45.64814, -121.96064	651 E. Cascade Dr. North Bonneville, WA	7.40			Substation drains directly into Greenleaf Slough (ESA-listed fish). Containment systems present. **CAPS-SCHEDULE W/ CHIEF**
5	Longview	Substations	Ross (includes: Ross, JD, 345kV sub) On Ross	45.66147, -122.65933	5411 NE Hwy. 99 Vancouver, WA	18.13			No buffers in 345kV yard. Other yards have containment systems present (buffers required) **CAPS-SCHEDULE W/ CHIEF**
6	Longview	Substations	Alcoa	45.65192, -122.72746	5500 NW Lower Riv. Rd. Vancouver, WA	4.75			Includes large truck pull-out. Containment systems present buffers required) **CAPS-SCHEDULE W/ CHIEF**
7	Longview	Substations	Sifton	45.65356, -122.50018	NE 39th St. Vancouver WA	5.90			
8	Longview	Substations	St. Johns	45.61387, -122.76497	12567 Columbia Blvd. Portland, OR	6.00			Containment systems present (buffers required). Includes roadway to sub.
9	Longview	Substations	Ostrander	45.36024, -122.40702	16885 Eadon Rd. Oregon City, OR	19.10			**CAPS-SCHEDULE W/ CHIEF SIGNIFICANT EQUIPMENT**
10	Longview	Substations	Paul Johnson (On Ross)	45.65893, -122.65902		0.79			
11	Longview	Substations	Fog Test (On Ross)	45.65828, -122.65855		0.54			
12	Longview	Test Area	Carey Lab (On Ross)	45.66199, -122.65487		1.56			Testing compound on Ross Complex. Large fenced off gravel area with tall transmission tower. Spray all gravel areas.
13	Longview	Test Area	Cap Test (Medium Power Lab On Ross)	45.66233, -122.65526		0.10			Testing compound on Ross Complex. Small area on the NW corner of the testing compound seperated by its own fence from the large fenced out area.
25	Longview	Switch Platforms	Oak Park	45.58244, -122.38031		0.02	1		spray parking area. B-677. Outside the yard on the north side off 1st street.
26	Longview	Switch Platforms	Evans Tap	45.59466, -122.33273 45.59454, -122.33157		0.04	2		spray parking area. B-699 & B-691. Switches at the cross street of "Y" Street and 34th St in Washougal
27	Longview	Switch Platforms	Carson Tap	45.72283, -121.81676		0.02	1		spray parking area and switch platfoorm. B-1905
28	Longview	Switch Platforms	Underwood Tap @ NB	45.64719, -121.96108	Cascade Drive North Bonneville, OR	0.02	1		spray access road. B-821. Switch is off main road just south of PUD yard. Switch is off main road just south of PUD yard.
29	Longview	Switch Platforms	Underwood Tap	45.64709, -121.96122	Cascade Drive North Bonneville, OR	0.02	1		spray parking area. B-822l Switch is off main road just south of PUD yard.
30	Longview	Switch Platforms	Underwood Tap	45.75679, -121.54506		0.02	1		B-1906. Swith is east of Lacock-Kelchner Rd on easement. You should be able to see from main road. Spray access coad and switch platform.
31	Longview	Switch Platforms	Cascade Locks Tap	45.67716, -121.85171 45.67651, -121.85314		0.04	2		spray parking area and swithc platforms. B-1240 & B-1436
32	Longview	Microwave Sites	MW West Portland	45.57334, -122.79116		0.17		1	spray parking area tower area.
33	Longview	Microwave Sites	MW Biddle Butte	45.58113, -122.20644		0.14		1	spray parking area tower area.
34	Longview	Microwave Sites	MW Ross Radio	45.66284, -122.66030		0.08		1	spary driveway, parking area and tower area.
					Sub Totals	77.77	9	3	
					Totals	131.80	28.00	6.00	

Olympia District Facilities - Bareground Vegetation Management (Modificatino 002).									
CLIN	District	Facility type	Name	GPS Location	Physical Address	Acres	# Platforms	MW/Radio Sites	Notes
1	Olympia	Substations	Happy Valley	48.04238, -123.10614	Happy Valley Rd. Sequim, WA	1.80			spray access road
2	Olympia	Substations	Port Angeles	48.10104, -123.41822	1400 E. Park St. Port Angeles, WA 98632	7.00			spray gravel area around shop
3	Olympia	Substations	Sappho	48.07195, -124.26951	Hwy. 101 Sappho, WA	2.40			spray parking lot & access road
4	Olympia	Substations	Aberdeen	46.98026, -123.85185	862 Mrytle St. Aberdeen, WA	3.60			
5	Olympia	Substations	Cosmopolis	46.94913, -123.76685	2100 Arcadia Dr. Cosmopolis, WA 98537	3.50			spray driveway & parking lot. CAPS - SCHEDULE W/ CHIEF
6	Olympia	Substations	Elma	47.00855, -123.40270		1.00			spray driveway, parkinking lot and energized yard.
7	Olympia	Substations	Satsop	46.96846, -123.46421	100 Utility Ln. Elma, WA 98512	8.00			spray parking lot & perimeter of security fence
8	Olympia	Substations	Fairmount	47.97550, -122.88503	283464 Hwy. 101 ort Townsend, WA 98368	5.20			spray sub yard expansion & NW pole yard
9	Olympia	Substations	Kitsap	47.53176, -122.70368	3621 Solid Lane West Bremerton, WA 98312	6.00			spray access roads & gravel storage area CAPS - SCHEDULE W/ CHIEF
10	Olympia	Substations	C.W. Paul	46.75458, -122.87578	800 Big Hanford Rd. Centralia, WA 98531	12.20			spray lower driveway & perimeter of security fence
11	Olympia	Substations	Centralia & SP	46.72946, -122.94862	1205 Prospect St. Centralia, WA 98531	1.10	1		spray parking lot & storage yard fence perimeter... switch platforms (inlcuded in sub acreage due to location)
12	Olympia	Substations	Chehalis	46.59935, -122.94701	1140 St. Hwy. 603 Chehalis, WA 98532	9.10			spray both pole yards & main yard
13	Olympia	Substations	Silver Creek	46.52247, -122.59261	Hwy. 12 Silver Creek, WA	2.80			spray driveway & parking lot
14	Olympia	Substations	Napavine	46.62277, -122.91741		8.50			spray roadway in, parking lot, energized yard and security fence perimeter
15	Olympia	Substations	Potlatch	47.38346, -123.18630	1570 N. Cushman-Potlatch Rd. Hoodsport, WA	1.80			spray access road & 2 switch platforms *(inlcuded in sub acreage due to location)*
16	Olympia	Substations	Shelton	47.22845, -123.12442	2508 Olympic Hwy. N. Shelton, WA 98584	7.20			spray river rock landscape & sub yard extension
17	Olympia	Substations	Station X	47.55566, -122.65308	This site is on Naval Base Kitsap. Prior cordination needed.	0.80			spary interior yard
18	Olympia	Substations	Olympia MHQ and Substations	47.00107, -122.95337 46.99920, -122.95297 47.00123, -122.95557	5240 Trosper Rd. SW Tumwater, WA 98512	22.50			spray pole yard & gravel area around HQ complex (3 locations to spray 230 & 500 yard, Maint MHQ)
19	Olympia	Substations	Holcomb	46.58661, -123.59412	Green Ck. Rd. Raymond, WA 98577	0.40			spray parking lot
20	Olympia	Substations	Raymond	46.71203, -123.73978	Route 2, Box 672 Raymond, WA 98577	1.80			
21	Olympia	Switch Platforms	Aberdeen Tap	46.957893, -123.587827 46.957907, -123.588284 46.957388, -123.589122		0.06	3		3 switches is general area. B-292, B-293, B-299
22	Olympia	Switch Platforms	Baleville Tap	46.681906, -123.776081 46.682731, -123.775296		0.04	2		2 switches either side of hwy. B-1298 structure 4/2, B-1299 structure 4/1
23	Olympia	Switch Platforms	Belfair Tap	47.421272, -122.847597 47.420697, -122.848697		0.04	2		2 switches west side of hwy right by PUD. B-452, B-464
24	Olympia	Switch Platforms	Benson Tap	47.333201, -122.918918 47.333563, -122.918245		0.04	2		2 switches right beside PUD station B-513, B-515
25	Olympia	Switch Platforms	Blakeslee Junction Switching Station	46.73595, -122.98137		0.02	1		spary driveway, parking area and yard. 6 switches inside of fence. L-1291, L-1292, L-1293, L-1294, L-1295, L-1296
26	Olympia	Switch Platforms	Centralia switch	46.727463, -122.839599		0.02	1		2 switches inside fence. A-1408, A-1409
27	Olympia	Switch Platforms	Cooks Hill Tap	46.719765, -123.032317 46.720236, -123.031669		0.04	2		2 switches on either side of road. L-1312, L-1313
28	Olympia	Switch Platforms	Dayton Tap	47.207579, -123.131944 47.204054, -123.131930		0.04	2		2 switches one by Shelton Ford dealership and one just south of Shelton-Matlock RD. B-1484, B-1485
29	Olympia	Switch Platforms	Duckabush Tap	47.659585, -122.950594 47.661011, -122.949892		0.04	2		2 switches on right by road the other is behind the station. B-825, B-826
30	Olympia	Switch Platforms	Elbe Tap	46.803943, -122.310386		0.02	1		1 switch you must cross the dam. Prearrange work with TPU, B-446
31	Olympia	Switch Platforms	Fords Prairie Tap	46.73682, -123.00532 46.73695, -123.00531		0.04	2		2 switches. L-1316, L-1317 both outside the the yard to the east
32	Olympia	Switch Platforms	Oxbow Tap	46.574601, -123.617845 46.573928, -123.619181		0.04	2		2 switches one on both sides of hwy. One is on other side of old railroad grade. B-1350, B1351
33	Olympia	Switch Platforms	Pe Ell Tap	46.559723, -123.301152 46.559747, -123.299911		0.04	2		2 switches one on each side of PUD station outside of fence. B-661, B-662
34	Olympia	Switch Platforms	Potlatch	47.383325, -123.1868 47.382419, -123.186856		0.04	2		1 switch behinid the substation and one down the easement road from the other switch.
35	Olympia	Switch Platforms	Quilcene Tap	47.829151, -122.868454 47.828876, -122.868413		0.04	2		2 switches right outside substation. B-1001, B-1002
36	Olympia	Switch Platforms	Silverado Tap	48.130867, -123.767874 48.130723, -123.767729 48.130768, -123.766692		0.06	3		3 switches in general area. B-1477, B-1478, B-1479
37	Olympia	Switch Platforms	Skookum Tap	47.13224, -123.10675 47.13728, -123.10841		0.04	2		2 switches just north of HWY 108 on right of way. B-1944, B-1945
38	Olympia	Switch Platforms	S. Elma Tap	46.98720, -123.37118 46.98579, -123.37359		0.04	2		B-296, B-297. 296 is south of the substation across the road. 297 is NE of the substation 250' from the railroad tracks.
39	Olympia	Switch Platforms	T3BA'DAS Tap	47.351532, -123.186355 47.354125, -123.186528		0.04	2		2 switches one right outside of station and one just north along right of way. B-1597, B-1598
40	Olympia	Microwave Stations	Blyn	48.01591, -122.92750		0.09		1	PSC's gate key in Fairmont sub / BPA energized key for radio site
41	Olympia	Microwave Stations	Boisfert Peak	46.2918371, -123.125449				1	BPA energized key for radio site / Weyerhaeuser
42	Olympia	Microwave Stations	Capitol Peak	46.97467, -123.13911		0.12		1	DNR key / BPA key
43	Olympia	Microwave Stations	Chehalis	46.60005, -122.94628		NA		1	Radio Site is in the Chehalis Substation captured above
44	Olympia	Microwave Stations	Minot Peak	46.89247, -123.41681		0.20		1	DNR key / BPA key
45	Olympia	Microwave Stations	Raymond Hill	46.69546, -123.77290		0.20		1	TLM key / BPA key
46	Olympia	Microwave Stations	Raymond	46.70806, -123.73861		0.20		1	BPA key
47	Olympia	Microwave Stations	South Mtn.	47.31982, -123.34573		0.31		1	BPS key / Green Diamond
					Totals	108.56	38	8	

Redmond District Facilities - Bareground Vegetation Management

District	Name	GPS Location	Acres	# Platforms	MW Sites	Notes
Redmond	Captain Jack		17.75			
Redmond	Fort Rock #1 & #3		8.80			
Redmond	Grizzly		19.00			spray storage area
Redmond	Harney		2.00			
Redmond	LaPine		6.00			
Redmond	Malin & HQ		38.00			
Redmond	Ponderosa		15.50			
Redmond	Redmond & HQ		26.63			On-site well (buffers req'd) includes pole yard
Redmond	Sand Springs #1 & #3		8.90			
Redmond	Summerlake		7.25			
Redmond	Sycan #1 & #3		8.80			
Redmond	**USFS land**	**Totals**	**158.63**	**0**	**0**	

Salem District Facilities - Bareground Vegetat				
CLIN	District	Facility Type	Name	GPS Location
1	Salem	Substation	Adair	44.70364, -123.21758
2	Salem	Substation	Carlton & SP	45.28089, -123.15285
3	Salem	Substation	Chemawa MHQ & Sub	45.01449, -122.99945
4	Salem	Substation	Detroit	44.72477, -122.25377
5	Salem	Substation	Forest Grove	45.52464, -123.08857
6	Salem	Substation	Hebo & SP	45.21769, -123.84324
7	Salem	Substation	Keeler	45.55017, 122.89755
8	Salem	Substation	Lyons Test Site	44.770920, -122.660600
9	Salem	Substation	Marion	44.79946,, -122.69757
10	Salem	Substation	McMinnville	45.21228, -123.18060
11	Salem	Substation	Monmouth & SP	44.86430, -123.20784
12	Salem	Substation	Oregon City	45.33289, -122.77955
13	Salem	Substation	Pearl	45.32945, -122.77696
14	Salem	Substation	Salem	44.93175, -123.08901
15	Salem	Substation	Santiam & SP	44.77256, -122.67479
16	Salem	Substation	Tillamook	45.45811, -123.82912
17	Salem	Substation	Timber	45.76032, -123.29604
18	Salem	Substation	Tumble Creek	44.72579, -122.18809
19	Salem	Micowave Station	Bald Peak MW	45.3931, -123.0526

20	Salem	Micowave Station	Hall Ridge MW	44.71991, -122.21766
21	Salem	Micowave Station	Mt. Hebo MW	45.21343, -123.75539
22	Salem	Micowave Station	Prospect Hill MW	44.85486, -123.12160
23	Salem	Switch Platform	Filbert Tap	45.51352, -123.08821
24	Salem	Switch Platform	GR Bypass Disconn.	45.06224, -123.60850
25	Salem	Switch Platform	Hughes Tap	44.958662, -123.091620
26	Salem	Switch Platform	Nestucca Tap	45.21145, -123.83893
27	Salem	Switch Platform	Read Tap	44.97797, -123.00966 44.97312, -123.01261
28	Salem	Switch Platform	South Fork Tap	45.59107, -123.46632 45.59110, -123.46723
29	Salem	Switch Platform	South Tap	44.827472, -123.207757 44.828014, -123.207776
30	Salem	Switch Platform	Walnut City Tap	45.23784, -123.16209
31	Salem	Switch Platform	Thatcher Junction Tap	45.54002, -123.12198 45.53730, -123.11522 45.53732, -123.11756
32	Salem	Switch Platform	Adair Tap	44.70630, -123.19793 44.70558, -123.19850
			TOTALS	

ion Management (Modification 002).			
Acres	# Platforms	MW/Radio Sites	Notes
0.68			
4.90			One switch platform on map now included in acreage. Switch is outside the energized yard on the NW side of the site.
13.30			CAPS - SCHEDULE W/ CHIEF
1.25			
1.25			
0.23			CAPS - SCHEDULE W/ CHIEF One switch platform on map now included in acreage *(TPUD Disconnect T1)*
24.00			CAPS (2) - SCHEDULE W/ CHIEF
2.85			
18.70			CAPS - SCHEDULE W/ CHIEF
2.25			CAPS - SCHEDULE W/ CHIEF
0.72			One switch platform on map now included in acreage (B-689)
3.58			CAPS - SCHEDULE W/ CHIEF
19.30			CAPS - SCHEDULE W/ CHIEF
4.30			
19.80			CAPS - SCHEDULE W/ CHIEF One switch platform on map now included in acreage 230KV and 500KV Yard
2.60			CAPS - SCHEDULE W/ CHIEF
0.40			
0.9			USFS land. There is a automatic gate off the highway.
0.25		1	

1.06		1	
0.09		1	USFS land
0.20		1	
0.01	2		Two switchces at one location. B-373, B-397
0.01	1		B-1157 outside GR Sub (PGE)
0.02	2		B-1774, B-1775 both switchs are in the SE side of the yard.
0.13	1		B-1461 spray access road from building to switch
0.02	2		B-894, B-338
0.02	2		B-1196, B-1197. Behind the substation on the easement along the transimission line.
0.02	2		B-1880, B-1881. Two swtiches North and Sourth side of the street. South side will need to be walked to and sprayed.
0.02	1		B-1291
0.03	3		B-818, B-819, B-1045. Switches are in the easement but you might have to walk to them and spray w/ backpack sprayer.
0.04	2		B-938, B-939 swith 938 is bout 320' NE of 939 down the gravel road.
122.93	18.00	4.00	

Snohomish Facilities - Bareground Vegetation Management

District	Name	GPS Location	Acres	# Platforms	Notes
Snohomish	Lopez		0.75		Lopez Island
Snohomish	Fidalgo		0.80		
Snohomish	Monroe		28.00		CAPS - SCHEDULE W/ CHIEF
Snohomish	Murray		3		CAPS - SCHEDULE W/ CHIEF
Snohomish	Snohomish		22.50		CAPS - SCHEDULE W/ CHIEF
Snohomish	SnoKing		9.50		CAPS - SCHEDULE W/ CHIEF
Snohomish	Bellingham		4.30		
Snohomish	Custer		14.00		
Snohomish	Intalco		9.70		
Snohomish	Switch: A-1225			1	Monroe-Snohomish Horse Ranch Tap Disconnect
Snohomish	Devils Mt.				Microwave Site
Snohomish	King Lk				Microwave Site
Snohomish	Lookout Mt.				Microwave Site
		SUB TOTAL	92.55	1	

Spokane (Bell) District Facilities - Bareground Vegetation Management

Name	Physical Address	Latitude	Longitude	Acres	# Platforms	# Sites	Notes
Addy	1560 MARBLE VALLEY ROAD ADDY WA. 99101	N 48* 21.442'	W 117* 50.045'	4.38			230 Kv Cap Group
Albeni Falls	From Spokane, WA, travel northeast on highway 2 through Newport, WA. After crossing the Pend Oreille River, travel approximately two miles and turn right on the entrance road to Albeni Falls Dam. Follow the entrance road for one half mile and turn up the hill to the substation.	N48* 10.821'	W 116* 59.848'	0.87			
Bell	2400 E HAWTHORNE RD MEAD, WA 99021	N 47* 45.118'	W 117* 22.509'	48.65			230 Kv Cap Group / 500 Kv Series Caps (Maps: BELL_VEG-1 - BELL_VEG-5 & BMHQ_VEG)
Bell - NEW Pole Yard				2.50			New in 2024, no map as of Jan 2024.
Bonners Ferry	From City of Bonners Ferry: From So. Main/US 95 go south on ALDERSO LANE; it turns into Paradise Valley Rd; go up the hill; turn left at top of hill onto county road #21A; take first right, county road #21C; go 3/10 of a mile. Station is on the left.	N 48* 40.439'	W 116* 18.134'	1.50			115kV Cap Group
Boundary	NORTH OF THE TOWN OF METALINE 11 MILES ON BOUNDARY ROAD	N 48* 58.824'	W 117* 21.549'	7.90			
Colville	FROM COLVILLE, WASHINGTON. TRAVEL 2 MILES EAST ON HIGHWAY 20. TURN LEFT ON KNAPP ROAD. TRAVEL 3/4 OF A MILE AND TURN LEFT AT THE BROWN HOUSE. THE SUBSTATION WILL BE 1/4 OF A MILE ON THE LEFT.	N 48* 33.192'	W 117* 51.156'	3.14			115 kV Cap Group
Creston	Approx .5 Miles east of Creston turn north off of Hiway 2 onto Red Wine Canyon Rd. Creston Sub is .8 Miles north on east side of road.	N 47* 46.239'	W 118* 30.332'	0.75			
Cusick	From Spokane travel northeast on highway 2, turn left on highway 211, turn left on highway 20, turn left on Flowery Trail Road, turn right on West Calispell Road, turn left on Danforth Road and Cusick Sub is one mile on the right.	N 48* 19.717'	W 117* 22.317'	1.41			230 kV Cap Group
Deer Park	Travel approx .6 Miles northwest of Deer Park on Hiway 395. Turn west onto Dahl Rd at Mile Post 181. Deer Park Sub is .1 Mile on south side of road.	N 47* 57.598'	W 117* 29.794'	0.03			115Kv Cap Group - BPA treats Cap Group only in this sub
Davenport Radio		N 47* 52.233'	W 118* 12.167'			1	
Granite Mt. Radio		N 48* 27.117'	W 118* 03.517'			1	
Keller	FROM THE TOWN OF KELLER TRAVEL SOUTH .6 MILES AND TURN RIGHT ON MEADOW CREEK ROAD. TRAVEL ONE MILE SOUTH AND TURN RIGHT. THE SUBSTATION WILL BE ON THE LEFT.	N 48* 04.148'	W 118* 40.761'	1.30			
Lancaster	N. Greensferry Rd, Rathdrum, ID, 83858	N 47* 47.152'	W 116* 55.129'	2.23			Long access road
Metaline Radio		N 48* 55.139'	W 117* 24.957'			1	
Mica Peak Radio		N 47* 34.513'	W 117* 04.875'			1	
Mt. Spokane Radio		N 47* 55.347'	W 117* 06.795'			1	
Ruby Mountain Radio		N 48* 49987'	W 117* 29885'			1	
North Bench		N 48* 44.092'	W 116* 17.778'	0.50			
Odessa	Travel north out of town of Odessa on Highway 21. Odessa Sub is in plain view on the east side of the hiway just north of town.	N 47* 20.286'	W 118* 41.299'	0.60			
Priest River	From Spokane travel northeast on highway 2 through Priest river. After crossing the Priest River bridge take the first road to the left which is the Eastside Road. Follow the Eastside Road for 3.2 mile and turn left on to the substation entrance road.	N 48* 12.958'	W 116* 51.894'	0.80			Large driveway
Republic	FROM THE JUNCTION OF HWY 20 AND HWY 21 NORTH TRAVEL .3 MILES WEST ON HWY 20 TURN SOUTH ON SAN POIL GRANGE ROAD. TRAVEL .2 MILES UP THE HILL AND THE SUBSTATION IS ON THE LEFT.	N 48* 38.979'	W 118* 41.096'	0.45			
Sacheen	North on Hwy 2 and turn left on Hwy 211, Right on Deer Valley Road for 1.5 miles to substation	N 48* 10.573'	W 117* 16.652'	3.20			
Sandcreek	No street address available. Physical directions are: From the traffic light located at US Highway 95 North and Kootenai Cutoff Road (North of Sandpoint), travel north on US 95 approximately 2.1 miles, substation is on the right.	N 48* 20.386'	W 116* 32.752'	1.81			Large parking lot and 115kV Cap Group
Sandpoint	No street address available. Physical directions are: From Sandpoint, approximately 4 miles west on US Highway 200. Substation is located on NW corner of Highway 200 and Pine Street Loop Road.	N 48* 15.155'	W 116* 37.538'	0.80			115kV Cap Group
Selle		N 48* 21.380'	W 116* 32.042'	0.70			
Trentwood	Go south from intersection of Trent Ave & Evergreen Rd (13800E) (turn east on 1st road) or go west from intersection of Sullivan Rd & Euclid Ave (15400E/3100N) (turn north on 1st road). Sub is on west side of road. Road is not named.	N 47* 41.275'	W 117* 12.242'	12.10			115Kv Cap Group
Usk	From Spokane travel northeast on highway 2, turn left on highway 211, turn right on highway 20, and the substation is located at Ponderay Newsprint Co.	N 48* 17.417'	W 117* 16.333'	1.68			Contact Greg Vaughn for permit to acces substation (509) 445-2337 plan extra one hour for training
Wagner Lake	Travel south from Wilbur on Hiway 21 approx. 7 Miles to Mile Post 84. Turn west on Quirk Rd. Wagner Lake Sub is .9 Mi on north side of road.	N 47* 38.519'	W 118* 44.522'	0.50			
	Totals			**97.80**	**-**	**6**	

Lewiston District Facilities - Bareground Vegetation Management

Name	Physical Address	Latitude	Longitude	Acres	# Platforms	# Sites	Notes
Brinckens Sub		46.9932	-116.9204	0.30			
Central Ferry Sub		46.5955	-117.8068	22.00			
Clarkston Sub		46.4239	-117.1000	0.30			
Dworshak Sub		46.5145	-116.2986	9.00			
Hatwai Sub		46.4692	-116.9114	14.50			
Lines Creek MW		47.1105	-116.2254			1	
Little Goose Sub		46.5829	-118.027	8.54			
Lower Granite		46.6584	-117.431	5.70			
Pomeroy MW		46.3685	-117.5778			1	
Pomeroy Sub		46.3686	-117.5784	1.00			
Teakean Butte MW		46.5913	-116.3913			1	
Tucannon Rvr		46.3537	-117.7052	3.00			
	Totals			**64.34**	**-**	**3**	

Switching Platforms - Bareground Vegetation Management

Name	Physical Address	Latitude	Longitude	Acres	# Platforms	# Sites	Notes
Albeni Falls/SndCrk	PRVR/NL/AVA Tap				5		B-138/B-140/B-142/B-113/B-115
Albeni Falls/SndCrk	Laclede Tap	N 48* 10.488'	W 116* 45.652'		2		B-169/B-170
Albeni Falls/SndCrk	Sandpoint Tap				3		B-844/B-840/B-1964
Bell/Addy	Mead Tap				2		B-1343/B-1344
Bell/Addy	Colbert Tap				2		B-210/B-211
Bell/Addy	Tum Tum Tap				2		B-1829/B-1830
Bell/Addy	Milan Tap				2		B-631/B-860
Bell/Addy	Deer Park Tap	N 47* 57.598'	W 117* 29.794'		3		B-869/B-873/B-916
Bell/Addy	Loon Lake Tap	N 48* 05'26.2"	W 117*37'44.0"		2		B-383/B-384
Creston/Bell	Springhill Tap	N 47* 44.730'	W 117* 34.957'		2		B-1934/B-1933
Creston/Bell	Larene Tap	N 47* 44.005'	W 118* 09.768'		2		B-1931/B-1932
Creston/Bell	Egypt Tap				2		B-1201/B-1940
Coulee/Creston	Wilbur Tap	N 47* 50.396'	W 118* 42.005'		2		B-1929/B-1930
Coulee/Creston	Wagner Lake Tap				1		B-117
Bell/Boun 1	Day Mt Spokane Tap	N 47* 48.496'	W 117* 19.832'		2		A-962/A-963
Sacheen/AF	Daimond Lake Tap	N 48* 10'24.9"	W 117* 09'20.7"		3		B-370/B-371/B-372
Colville/Boun	Metaline Falls Tap	N 48*51'42.9"	W 117*24'16.9"		1		B-1363
Colville/Boun	Box Canyon Tap	N 48* 48.057'	W 117* 26.857'		2		B-1011/B-1012
Colville/Boun	Spirit Tap	N 48* 44.565'	W 117* 39.720'		2		B-481/B-483
Colville/Rep	Kettle Falls Tap	N 48.62176*	W 118.10530*		1		B-624
Libby/BoFe	Moyie Tap				3		B-417/B-418/B-298
Bell/Tren 1	Tren IP&L Tap				1		B-1651
Tren/Vlwy 1	Vera Tap	N 47* 37.487'	W 117* 11.808'		3		B-1808/B-1809/B-1810
Tren/Vlwy 1	Sullivan Tap	N 47* 39.656'	W 117* 11.760'		2		B-361/B-363
WallaWalla/Tucannon	Dayton Tap	N 46*321463	W 117*850708		2		B-1486/B-1487
Tucannon/N.Lewiston	Pomeroy Tap				2		B-639/B-640
Tucannon/N.Lewiston	Clarkston Tap				1		B-1308
Dworshak P.H./Orfino	Ahsahka Tap	N 46*511326	W 116*308343		1		B-179
	Totals			**-**	**58**	**-**	

The Dalles - Bareground Vegetation Management

District	Name	GPS Location	Acres	# Platforms	MW Sites	Notes
The Dalles	Augspurger MW				1	containment system (buffers req'd) .28ac
The Dalles	Bald Mountain		1.25			CAPS - coordinate early w/ Chief
The Dalles	Bakeoven		16.00			on-site well (buffers req'd)
The Dalles	Buckley		6.36			
The Dalles	Chenoweth		3.25			REACTORS on-site - coordinate early w/ Chief
The Dalles	DeMoss		2.95			CAPS - coordinate early w/ Chief
The Dalles	Fossil		1.50			containment system (buffers req'd)
The Dalles	Goldendale		1.63			containment system (buffers req'd) CAPS-coordinate early w/ Chief
The Dalles	Harvalum		6.06			
The Dalles	Haystack MW				1	0.60*
The Dalles	Hood River		2.13			on-site well & containment system present (buffers req'd) CAPS-coordinate early w/ Chief (Orignainc Farm ajacent to sub. Don't spray during any wind)
The Dalles	John Day 500		23.40			CAPS - coordinate early w/ Chief (Orignainc Farm ajacent to sub. Don't spray during any wind)
The Dalles	John Day 230		9.09			w/in 50' of Columbia River
The Dalles	John Day Station		0.04			
The Dalles	Knight		17.95			
The Dalles	Maupin		4.24			containment system (buffers req'd)
The Dalles	Parkdale		1.75			CAPS - coordinate early w/ Chief
The Dalles	Rock Creek		10.00			
The Dalles	Spring Creek		3.78			
The Dalles	The Dalles		1.88			
The Dalles	Wasco MW				1	Contact: Brian Bierwirth: 541-396-3615 x196 .49 acres
The Dalles	Celilo Converter		43.00			old yard
The Dalles			18.00			east parking area
The Dalles			0.70			laydown yard
The Dalles			1.25			CAPS in 230 yard - coordinate early w/ Chief
The Dalles	Big Eddy		28.45			Big Eddy 500kV yard
The Dalles			16.55			DC Test Area
The Dalles			2.30			Road Shoulders
The Dalles			10.00			Water Tank Area
The Dalles			1.00			*Linemen's Yard & Rd.*
The Dalles			2.75			Sub Mtce. Yard
The Dalles			5.70			Rd. behind TLM Yard
The Dalles			1.90			Control Bldg. Parking
The Dalles			2.13			DC Laydown Yard
The Dalles			3.25			
The Dalles	Big Eddy - Spring Creek A-447 Switch Platform			1		
The Dalles	Chenoweth - Goldendale Line sectionalizing disconnect B-377 Switch Platform			1		
The Dalles	Chenoweth - Goldendale spearfish tap disconnect B-405			1		
The Dalles	Chenoweth - Goldendale Line sectionalizing disconnect B-406 Switch Platform			1		
The Dalles	Chenoweth - Goldendale Line Sectionalizing disconnect B-407			1		
The Dalles	Chenoweth - Goldendale Line sectionalizing disconnect B-497			1		
The Dalles	Demoss - Fossil Line sectionalizing disconnect B-1953			1		
The Dalles	Demoss - Fossil Line sectionalizing disconnect B-1954			1		
The Dalles	Demoss - Fossil Line sectionalizing disconnect B-1966			1		
The Dalles	Demoss - Fossil Line sectionalizing disconnect B-1967			1		
The Dalles	Maupin - Tygh Valley Line Sectionalizing Disconnect L-576			1		
The Dalles	Tygh Valley - White River Line Sectionalizing Disconnect L-577			1		
The Dalles	John Day Station Service - John Day Section Disconnect D07430			1		
		Totals	**250.24**	**13.00**	**3.00**	

Tri-Cities Facilities - Bareground Vegetation Management

District	Name	GPS Location	Acres	# Platforms	MW Sites	Notes
Ashe	Alfalfa		1.40			
Ashe	Ashe HQ		29.50			
Ashe	Ashe		1.50			
Ashe	Benton		3.50			
Ashe	Grandview		1.80			
Ashe	Hanford		10.50			Cap group outage scheduled for 4/23/19
Ashe	Mabton		1.30			
Ashe	Midway		21.27			
Ashe	Moxee		5.16			
Ashe	Red Mountain		1.70			
Ashe	Richland		1.80			
Ashe	Wautoma		11.00			
Ashe	White Bluffs		4.20			
Ashe	Wine Country		3.07			
Ashe	Sunnyside MW				1	0.60*
Ashe	Acord Tap - B-1429, B-1430	N 46 18.089, W 119 31.117		2		
Ashe	Ashe Tap - A-369	N 46 34.723, W 119 26.087		1		On Hanford Site
Ashe	Benton City Tap - B-862, B863	N 46 17.963, W 119 29.624		2		Pasture, Need BPA person w/ key, switches on both sides of Hwy 225
Ashe	Black Rock Tap - B-1405, B-1406	N 46 30.753, W 119 52.349		2		Pasture
Ashe	CGS Tap - B-157, B-158, B-192	N 46 27.092, W 119 18.548		3		On Hanford Site
Ashe	Chandler Tap - B-823, B-835	N 46 18.254, W 119 34.939		2		Pasture, Difficult to find the access point
Ashe	Horn Rapids Tap - B-2116, B-2117	N 46 20.001, W 119 25.322		2		
Ashe	Kennedy Tap - B-1158, B-1159	N 46 16.804, W 119 23.329		2		Need BPA person w/ key, restricted access
Ashe	Ledbeder tap - B-941	N 46 16.315, W 119 20.992		1		In locked fence area, need BPA person w/ key
Ashe	Prosser Tap - B-695, B-696, B-697	N 46 18.141, W 119 45.765		3		
Ashe	Rattlesnake Tap - B-701, B-702	N 46 31.042, W 120 03.669		2		Switches on either side of customer sub
Ashe	Ruppert Rd Tap B-2110, B-2111			2		
Ashe	Scooteney Tap - B-1884, B-1885, B-1886	N 46 34.793, W 119 29.793		3		On Hanford Site
Ashe	Sunnyside Port Tap - B-919	N 46 18.286, W 119 52.434		1		Just outside of Grandview sub
Ashe	TRB - B-599	N 46 28.329, W 119 19.938		1		Access through CGS security and on Hanford Site
Franklin	Badger Canyon		4.70			
Franklin	Burbank		0.75			
Franklin	Connell		1.30			
Franklin	Franklin		11.00			
Franklin	Franklin Pole Yard		3.00			
Franklin	Freewater Sub		1.30			
Franklin	Glade		0.20			
Franklin	Levey		0.40			
Franklin	Lower Monumental		10.20			
Franklin	Pasco		19.10			
Franklin	Ringold		1.00			
Franklin	Sacajawea		3.10			
Franklin	Scooteney		2.60			
Franklin	Walla Walla		3.00			
Franklin	Kahlotus MW				1	0.75*
Franklin	Kennewick MW				1	0.60*
Franklin	Skyrocket MW				1	0.50*
McNary	Boardman		6.20			
McNary	Hat Rock & Tap		2.50			
McNary	Horse Heaven		3.50			
McNary	Ione		0.70			
McNary	Jones Canyon		4.80			
McNary	La Grande		2.80			
McNary	McNary		31.70			
McNary	Morrow Flat		13.00			
McNary	Pendleton		1.52			
McNary	Roundup		4.62			
McNary	Slatt		29.00			
McNary	Roosevelt MW				1	0.90*
		Totals	**259.69**	**29**	**5**	

Wenatchee District Facilities - Bareground Vegetation Management

Name	Physical Address	Latitude	Longitude	Acres	# Platforms	# Sites	Notes
Grand Coulee							New sub online in FY24
500 yard				48			
230 yard				15.50			
115 yard				2.10			
Bettas Road				2.1123			
Chief Joseph	2450 Star Rt. 17 NE Bridgeport, WA 98813			21.00			ag crops and/or landscaping adjacent to target area
Columbia	5.5 miles SE of Rock Island, Douglas Co., WA			18.40			ag crops and/or landscaping adjacent to target area
East Omak	1.75 M east of Omac, Okanongan Co., WA			3.50			
Ellensburg	1306 W. Dolarway Rd. Ellensburg, WA 98926			2.67			
Grand Coulee TLM	Big Quonsut Hut Canal Rd. Grand Coulee, WA 99133			7.86			
Potholes	6 mi. W of Moses Lake, WA, north side of I-90			5.82			
Rocky Reach	6 mi. NE of E. Wenatchee, WA			2.40			
Schultz	14001 Wilson Cr. Rd. Ellensburg, WA 98926			40.70			
Sickler	13294 Lincoln Park Rd. E. Wenatchee, WA 98802			6.40			ag crops and/or landscaping adjacent to target area
Valhalla	8 mi. SE of Wenatchee, Chelan Co., WA. Clockum Rd.			4.40			ag crops and/or landscaping adjacent to target area
Vantage	4 mi. N of Beverly, Grant County, WA			23.40			
Winthrop	1 mi. NW of Winthrop, Okanogan Co., WA			0.90			
Microwave Sites							
Del Rio	11 mi. W of Grand Coulee off Hwy 174					1	
Grand Coulee	near sub					1	
Beverly						1	
Easton						1	
Foster Ck.						1	
Fox Mountain RS						1	
Malaga						1	
Merritt RS						1	
Plum						1	
Teanaway						1	
Waterville						1	
	Totals			**205.16**	**-**	**11**	

*new- need acreage

Wenatchee Switching Platforms - Bareground Vegetation Management

Name	Physical Address	Latitude	Longitude	Acres	# Platforms	# Sites	Notes	
East Omak-Tonasket -2	21/9	N 48°41'815"	W 119°26'728."		1		D10728/ B351	
East Omak - Oroville	21/9	N 48°41'815"	W 119°26'728."		1		D10730/ B345	
East Omak Tap - Grand Co	1/2	N 47°98'403"	W 119°63'762"		1		D15030/ B2137	
	10/5	N 48°10'647"	W 119°63'891"		1		D14991/ B2138	
	10/6	N 48°10'671"	W 119°63'889"		1		D14990/ B2139	
Grand Coulee-Foster Cree	21/3	N 48°0'263"	W 119°24'482"		1		D13652/ B1236	
	21/4	N 48°0'263"	W 119°24'482"		1		LD0200/ B1294	
	32/5	N 47°98'287"	W 119°63'438"		1		D15029/ B2136	
	33/8	N 47°59'461"	W 119°63'440"		1		LD0120/ B838	
Grand Coulee - Okanogan	2/2	N 47°57'44.7"	W 119°0'54.2"		1		LD0301/ B700	
	7/3	N 48°046.8"	W 119°5'49.0"		1		D06631/ B1441	
	7/4	N 48°046.8"	W 119°5'49.0"		1		D08203/ B1452	
	7/4	N 48°046.8"	W 119°5'49.0"		1		D08204/ B1440	
Keller Tap - Grand Coulee	1/3	N 47°57'44.7"	W 119°0'54.2"		1		D10406/ B684	
Winthrop-Twisp No 1.	1/1	N 48°21'35.9"	W 120°5'31.1"		1		D09219/ B103	
Columbia -Ellensburg No1	28/5	N 47°6'5"	W 120°32'31"		1		D13481/ B-1178	
	28/6	N 47°6'5"	W 120°32'31"		1		D13480/ B-1179	
	34/8	N 47°0'843"	W 120°33'666"		1		LD0058/ B-181	
	35/1	N 47°0'843"	W 120°33'666"		1		D12417/ B-214	
East Ellensburg Tap - Colu	2/6	N 47°1'398"	W 120°53'537"		1		D14391/ B-665	Spray just the pad, LO doesn't believe we have rights to maintain
	Totals			**-**	**20**	**0**		

Vegetation Management Environmental Audit Form

Project Name:

Date:

Area: ROW, Substation, Other

If Other, describe

Contractor:

Contract/Release No:

QLCTT:

Herbicide Applicators License:

Scope:

CLS/Machine Mow
Herbicide Application
Tree Removal (C/DT)
Urban

Herbicide Method:

Spot
Localized
Foliar
Stump/Basal

Site Description
(Application Crew and Equipment)

Q1. Required contractual environmental documents
Q2. Labels, MSDS, fact sheets present for products in use
Q3. Herbicide plan/documents reviewed during J-1
Q4. Shipping manifests/DOT paperwork
Q5. Daily records of application
Q6. Spill protection plan/measures (Kits/2Containment)
Q7. Product container management (labels, leaks, disposal, storage)
Q8. Appropriate mixing areas (location, hygiene)
Q9. Determination of formulation accuracy (rate/mix)
Q10. Water source(s) identified and approved
Q11. Transport vehicle maintenance (On-Site fuel and hydraulic fluids management/storage)
Q12. Application equipment maintenance (hoses, nozzles, tanks, calibration)
Q13. Fire protection measures
Q14. Certified applicators present and/or supervising
Q15. Pre-treatment reconnaissance
Q16. Sign posting/Public notification
Q17. Weather conditions/forecasts checked and appropriate
Q18. Other drift reduction methods employed
Q19. Sensitive resource identification and protection
Q20. First Aid protection (kits, eyewash, decontamination)
Q21. PPE utilization (mixing, loading, cleaning, application)
Q22. Communication (radio, phone, emergency contact)

Inspector/Auditor Name

On-site Representative

Comments

Please Do Not Enter Data In this Area	
Count Of Satisfactory	0
Count Of Unsatisfactory	0
Count Of Needs Improvement	0
Count Of Not Applicable	0
Total Q's to Count	0
Possible Points	0
Total Points	0
Score %	#DIV/0!

Substation	File Name	District	SS Mitigation	A Strm Wtr	B Drnk Wtr Well	C Surf Wtr	D Gnd Wtr	E Aquatic	F Wildlife	G Ag/Lease	Env. Notes	Containment Liner(s)
Aberdeen	ABER_VEG.pdf	Olympia	ACDE	X		X		X			Adjacent to ESA stream. Containment outfall flows directly to ESA stream	Y
Acton	ACTN_VEG.pdf	Ross	AG	X						X		Y
Adair	ADAR_VEG.pdf	Salem	ACFG	X		X		X	X	X	ESA Plant in adjacent ditches. Adjacent wetlands. Concrete Liner & Footing with instructions not to spray it.	Y
Addy	ADDY_VEG.pdf	Spokane	AD	X								N
Albany	ALBA_VEG.pdf	Eugene	AD	X							Unknown if outfall flows into wetland. Wetlands are delineated nearby.	Y
Albeni Falls	ALFL_VEG.pdf	Spokane	ACEFG	X		X		X		X	Adjacent to ESA stream	N
Alcoa	ALCO_VEG.pdf	Ross	ABCD	X	X		X				Poorly constructed well. Containment outfall flows into probable wetland (approx 12 feet away).	Y
Alderwood	ALDW_VEG.pdf	Eugene	ACE	X		X		X			Adjacent to Wet Prairie hab. Sold- according to SIR.	Y
Alderwood Tap	ALDX_VEG.pdf	Eugene	None									N
Alfalfa	ALFA_VEG.pdf	Tri Cities	A	X								N
Allston	ALSN_VEG.pdf	Longview	AB	X	X		X				History of herbicide contamination in groundwater.	Y
Alvey	ALVY_VEG.pdf	Eugene	AB	X	X						Two containment outfalls flow directly into delineated wetlands.	Y
Anaconda	ANAC_VEG.pdf	Kalispell	AB	X	X		X				Poorly constructed well. History of herbicide contamination in groundwater.	Y
Ashe Substation	ASHE_VEG.pdf	Tri Cities	AG	X						X		N
Ashton Hill RS	ASHH_VEG.pdf	Idaho Falls	G							X		N
Augspurger Mtn RS	AUGS_VEG.pdf	The Dalles	G							X		N
Badger Canyon	BADG_VEG.pdf	Tri Cities	None	X								N
Bakeoven Comp Station	BAKE_VEG.pdf	The Dalles	A	X								N
Bald Mountain	BMTN_VEG.pdf	The Dalles	ACEF	X		X		X	X		Adjacent to modeled NSO Suitable Hab. (no specific mitigation needed) and Adjacent ESA Fish Hab. >200 Ft away.	Y
Bald Mountain RS	BALD_VEG.pdf	Kalispell	G							X		N
Bald Peak Radio	BAPK_VEG.pdf	Salem	G							X		N
Bandon	BAND_VEG.pdf	Eugene NB	ABD	X	X		X				Shallow private well offsite w/in 50 ft.	Y
Bell	BELL_VEG.pdf	Spokane	ABD	X	X		X					Y

Bell Substation -2	BELL_VEG-2.pdf	Spokane	None									N
Bellingham	BELG_VEG.pdf	Snohomish	ABCDE	X	X	X	X	X			No well issues.	Y
Benton	BENT_VEG.pdf	Tri Cities	G	X					X			Y
Bettas Road	BTRD_VEG.pdf	Wenatchee	A	X								N
Beverly Radio Station	BEVR_VEG.pdf	Wenatchee	G						X			N
Biddle Butte Radio	BDLB_VEG.pdf	Ross	AG	X					X			N
Big Eddy	BIGE_VEG.pdf	The Dalles	AB	X	X						No well issues	Y
Big Eddy 500	BGED_VEG.pdf	The Dalles	AG	X					X			N
Blacktail Peak RS	BLKT_VEG.pdf	Kalispell	G						X			N
Blue Ridge Radio	BLRG_VEG.pdf	Eugene NB	G						X			N
Blyn Radio	BLYN_VEG.pdf	Olympia	G						X			N
Boardman	BOAD_VEG.pdf	Tri Cities	None									N
Boistfort Radio	BOFT_VEG.pdf	Olympia	G						X			N
Bonanza RS	BZRS_VEG.pdf	Idaho Falls	G						X			N
Bonners Ferry	BOFE_VEG.pdf	Spokane	A	X								Y
Boundary	BOUN_VEG.pdf	Spokane	A	X								N
Bridge	BRIG_VEG.pdf	Idaho Falls	G	X					X			Y
Brinckens Corner	BRCO_VEG.pdf	Spokane	ACD	X		X	X					Y
Buckley	BLKY_VEG.pdf	The Dalles	B		X		X				Poorly constructed well. History of herbicide contamination in groundwater.	N
Burbank	BURB_VEG.pdf	Tri Cities	None									N
Burnt Woods	BUWD_VEG.pdf	Eugene	A	X							Probable that outfall flows directly into wetland.	Y
Canal	CNAL_VEG.pdf	Idaho Falls	A	X								Y
Canby	CABY_VEG.pdf	Redmond	AG	X					X			Y
Cape Blanco Radio Station	CBCG_VEG.pdf	Eugene NB	BG		X				X			N
Capitol Peak Radio	CAPP_VEG.pdf	Olympia	G						X			N
Captain Jack	CPJK_VEG.pdf	Redmond	A	X								Y
Cardwell	CARD_VEG.pdf	Longview	A	X								N
Carlton	CARL_VEG.pdf	Salem	A	X								Y
Cascade Locks	CALK_VEG.pdf	Ross	ACD	X		X	X					Y
Cattle Creek	CACR_VEG.pdf	Idaho Falls	A	X								N
Cedarville Junction	CJCT_VEG.pdf	Redmond	None									N
Celilo	CELO_VEG.pdf	The Dalles	AG	X					X			Y
Central Ferry	CEFE_VEG.pdf	Spokane	AB	X	X						No well issues	Y
Centralia	CENT_VEG.pdf	Olympia	A	X								N
Chehalis	CHEH_VEG.pdf	Olympia	AB	X	X		X				History of herbicide contamination in groundwater. Containment outfall flows into intermittent drainage	Y
Chehalis Radio	CHAL_VEG.pdf	Olympia	G						X			N
Chemawa	CHEM_VEG.pdf	Salem	ABCD	X	X	X	X				Containment outflow flows directly to potentially jurisdictional ditch (Labish Ditch)	Y
Chenoweth	CHEN_VEG.pdf	The Dalles	ACD	X		X	X					Y
Chief Joseph	CHJO_VEG.pdf	Wenatchee	AB	X	X						Well is off-site	Y
Clarkston	CLAK_VEG.pdf	Spokane	A	X								Y
Clatsop	CLSO_VEG.pdf	Longview	AG	X					X			Y
Coburg Radio Station	CBRG_VEG.pdf	Eugene	G						X			N
Columbia	COLU_VEG.pdf	Wenatchee	A	X								N

Columbia Falls	COFL_VEG.pdf	Kalispell	A	X								Y
Colville	COLV_VEG.pdf	Spokane	A	X								N
Conkelley	COKY_VEG.pdf	Kalispell	None									N
Connell	CONL_VEG.pdf	Tri Cities	G							X		N
Cosmopolis	COSM_VEG.pdf	Olympia	None									N
Cougar Sub	CUGR_VEG.pdf	Eugene	EFG			X		X	X	X	Adjacent to ESA stream	N
Covington	COVI_VEG.pdf	Covington	ACDEF	X		X	X	X	X		Adjacent to ESA stream. *Herbicides could impair the function of vegetated infiltration basin causing maintenance issues	Y
Cowlitz	COWL_VEG.pdf	Longview	None									N
Creston	CRES_VEG.pdf	Spokane	None									N
Cusick	CUSI_VEG.pdf	Spokane	AE	X				X			ESA stream nearby, but >200ft	N
Custer	CUST_VEG.pdf	Snohomish	ACD	X		X	X					Y
CW Paul	PAUL_VEG.pdf	Olympia	ABCDE	X	X	X	X	X			No well issues. Aerial indicates vault in NW corner of yard. This NW outfall flows into perennial drainage.	Y
Davenport RS	DAVN_VEG.pdf	Spokane	G							X		N
Davis Creek	DAVC_VEG.pdf	Redmond	G							X		N
Dayton	DATN_VEG.pdf	Spokane	G							X		N
Deer Park	DEPK_VEG.pdf	Spokane	None								BPA only sprays cap yard	N
Del Rio RS	DRIO_VEG.PDF	Wenatchee	A	X							Poss. remove A	N
DeMoss	DEMO_VEG.pdf	The Dalles	ACDE	X		X	X	X				Y
Detroit	DETR_VEG.pdf	Salem	ADEG	X		X	X	X		X	Adjacent to ESA stream.	N
Devils Mtn RS	DMRS_VEG.pdf	Snohomish	None									N
Dixie	DIXI_VEG.pdf	Idaho Falls	ACDEFG	X		X	X	X	X	X	Adjacent to ESA stream. Rock lined percolation pond.	Y
Dixon	DIXN_VEG.pdf	Kalispell	A	X								Y
Dorena	DORE_VEG.pdf	Eugene	AG	X						X		Y
Drain	DRAN_VEG.pdf	Eugene	A	X								Y
Driscoll	DRIS_VEG.pdf	Longview	AC	X		X						N
Drummond	DRUM_VEG.pdf	Idaho Falls	ACDG	X		X	X			X		Y
Dworshak	DWOK_VEG.pdf	Spokane	AB	X	X						No well issues	N
Eagle Lake	EALK_VEG.pdf	Tri Cities	None									N
East Grangeville	EGVL_VEG.pdf	Spokane	A	X								Y
East Hills	EHIL_VEG.pdf	Idaho Falls	C			X					Sold- according to SIR.	N
East Omak	EOMK_VEG.pdf	Wenatchee	None	X								Y
Easton Radio Station	EAST_VEG.pdf	Wenatchee	F						X		Adjacent to NSO Critical Hab. (no specific mitigation needed for substation spraying)	N
Echo Lake	ECOL_VEG.pdf	Covington	ABCD	X	X	X	X					N
Ellensburg	ELLN_VEG.pdf	Wenatchee	D				X					N
Elma	ELMA_VEG.pdf	Olympia	A	X								Y
Eugene	EUGE_VEG.pdf	Eugene	ABC	X	X	X						N
Fairmount	FAMT_VEG.pdf	Olympia	ABCDE	X	X	X	X	X			Adjacent to ESA stream, but >100 ft away. No well issues	Y
Fairview	FAVW_VEG.pdf	Eugene NB	AD	X	X		X				Containment outfall flows directly to delineated wetland.	Y
Fidalgo	FIDA_VEG.pdf	Snohomish	ACDEF	X		X	X	X	X			Y
Flathead	FLAT_VEG.pdf	Kalispell	AB	X	X						No well issues	N
Forest Grove	FORG_VEG.pdf	Salem	AD	X			X				Sold- according to SIR.	N
Fort Rock Comp #1	FORT 1_VEG.pdf	Redmond	A	X								N
Fort Rock Comp #3	FORT 3_VEG.pdf	Redmond	None									N
Fossil	FOSS_VEG.pdf	The Dalles	AD	X			X					Y
Foster Creek Radio Station	FOSC_VEG.pdf	Wenatchee	None									N
Four Lakes	FLOK_VEG.pdf	Spokane	A	X							Sold- according to SIR.	N
Fox Mountain Radio	FOXM_VEG.pdf	Wenatchee	G							X		N
Franklin	FRAN_VEG.pdf	Tri Cities	B		X		X				History of herbicide contamination in groundwater.	N
Freewater	FREW_VEG.pdf	Tri Cities	None								Sold- according to SIR.	N
Gardiner	GARD_VEG.pdf	Eugene NB	ABCDF	X	X	X	X		X		No well issues	Y

Garrison	GARR_VEG.pdf	Kalispell	AB	X	X		X				History of herbicide contamination in groundwater.	Y
Glade	GLAD_VEG.pdf	Tri Cities	C			X						N
Gold Beach	GOBE_VEG.pdf	Eugene NB	None					X			Adjacent to ESA stream. History of off-site herbicide kill	N
Goldendale	GOLD_VEG.pdf	The Dalles	None								History of herbicides impacting non-target vegetation.	N
Goodwin Peak Radio Station	GWIN_VEG.pdf	Eugene	G							X		N
Goshen	GOSH_VEG.pdf	Idaho Falls	None									N
Grand Coulee MW	GCNC_VEG.pdf	Wenatchee	None									N
Grand Coulee TLM	GCMB_VEG.pdf	Wenatchee	None									N
Grandview	GRAN_VEG.pdf	Tri Cities	AB	X	X							N
Granite Mtn RS	GRNM_VEG.pdf	Spokane	G							X		N
Grassy Mountain RS	GRAS_VEG.pdf	Kalispell	G							X		N
Green Valley	GRNV_VEG.pdf	Eugene	AG	X								Y
Grizzly	GRIZ_VEG.pdf	Redmond	ABG	X	X		X			X	History of herbicide contamination in groundwater.	N
Hall Ridge Radio Station	HALL_VEG.pdf	Eugene	G							X		N
Hanford	HANF_VEG.pdf	Tri Cities	B	X	X							N
Hanford #2	HACO_VEG.pdf	Tri Cities	None									N
Happy Valley	HAPY_VEG.pdf	Olympia	A	X								N
Harney	HARN_VEG.pdf	Redmond	None									N
Harrisburg	HARB_VEG.pdf	Eugene	CD			X	X					N
Harvalum	HRVL_VEG.pdf	The Dalles	A	X								N
Haskill	HASK_VEG.pdf	Kalispell	AD	X			X					Y
Hatrock	HTRK_VEG.pdf	Tri Cities	A	X								Y
Hatwai	HTWA_VEG.pdf	Spokane	A	X								Y
Hauser	HAUS_VEG.pdf	Eugene NB	A	X								N
Hay Mill	HAYM_VEG.pdf	Idaho Falls	AC	X		X	X				Sold- according to SIR.	Y
Haystack Butte RS	HAST_VEG.pdf	The Dalles	G							X		N
Hebo Sub	HEBO_VEG.pdf	Salem	CDEG	X		X	X	X		X	Adjacent to ESA stream. Sold-according to SIR.	Y
Heyburn	HEBN_VEG.pdf	Idaho Falls	AB	X	X						No well issues	N
Hills Creek	HLSC_VEG.pdf	Eugene	ACDEG	X		X	X	X		X	Adjacent to ESA stream	N
Holcomb	HOLC_VEG.pdf	Olympia	CDEF			X	X	X	X		Adjacent to ESA stream	N
Holcomb Radio	HOLR_VEG.pdf	Olympia	C			X						N
Hood River	HORV_VEG.pdf	The Dalles	AG	X						X		Y
Horse Heaven	HORS_VEG.pdf	Tri Cities	A	X								N
Hot Springs	HOTS_VEG.pdf	Kalispell	ABG	X	X					X	No well issues	Y
Hungry Horse RS	HHRS_VEG.pdf	Kalispell	CEG			X		X		X	Adjacent to ESA stream	N
Idahome	IDAH_VEG.pdf	Idaho Falls	G							X		N
Intalco	INTA_VEG.pdf	Snohomish	A	X							Containment outfall #1 flows directly to likely wetland (cat tails).	Y
Ione	IONE_VEG.pdf	Tri Cities	A	X								Y
John Day 230 Yard	JDTW_VEG.pdf	The Dalles	AG	X						X		Y
John Day 500 Yard	JDAY_VEG.pdf	The Dalles	AB	X	X		X				History of herbicide contamination	N
John Day Dam SS	JDSS_VEG.pdf	The Dalles	CEFG			X		X	X	X	Adjacent ESA Fish Hab.	N
Jones Canyon	JCSB_VEG.pdf	Tri Cities	A	X								N
Kahlotus RS	KALO_VEG.pdf	Tri Cities	G							X		N
Kalispell	KALI_VEG.pdf	Kalispell	AB	X	X						No well issues	N
Keeler	KEEL_VEG.pdf	Salem	ACD	X		X	X				All SW collected by containment and catch basins is piped and discharged into a vegetated area on Epson property. *BPA should avoid potentially contaminating others' property.	Y

Keller	KELL_VEG.pdf	Spokane	G	X					X		Y
Kennewick RS	KENW_VEG.pdf	Tri Cities	G						X		N
Kenyon MT Radio Station	KENY_VEG.pdf	Eugene NB	G						X		N
Kerr	KERR_VEG.pdf	Kalispell	G						X		N
King Lake RS	KLAK_VEG.pdf	Snohomish	None								N
Kitsap	KTSA_VEG.pdf	Olympia	ACDE	X		X	X	X			Y
Knight	KNIT_VEG.pdf	The Dalles	A	X							N
La Grande	LAGD_VEG.pdf	Tri Cities	AF	X							Y
Lancaster	LANC_VEG.pdf	Spokane	None								N
Lane	LANE_VEG.pdf	Eugene	ABCD	X	X	X	X			Adjacent wetlands. No well issues. Containment outfall flows directly to delineated wetland. Evidence of concentrated flows to adjacent off-site waters and wetlands.	Y
Langlois	LANG_VEG.pdf	Eugene NB	ADG	X			X		X		Y
LaPine	LAPI_VEG.pdf	Redmond	ABG	X					X		Y
Lebanon	LEBA_VEG.pdf	Eugene	None								N
Levey	LEVY_VEG.pdf	Tri Cities	None								N
Lexington	LEXI_VEG.pdf	Longview	None	X							Y
Libby	LIBY_VEG.pdf	Kalispell	ABG	X	X		X		X	Poorly constructed well	Y
Lines Creek MW	LINC_VEG.pdf	Spokane	G						X		N
Little Goose	LIGO_VEG.pdf	Spokane	AB	X	X					No well issues	N
Longview	LONG_VEG.pdf	Longview	ACD	X		X	X			adjacent wetlands. Containment outfall flows directly to probable wetland.	Y
Longview Maint. HQ	LMHQ_VEG.pdf	Longview	None								N
Lookingglass	LOOK_VEG.pdf	Eugene	None								N
Lookout Mtn RS	LOMT_VEG.pdf	Snohomish	None								N
Lookout Point	LKPT_VEG.pdf	Eugene	G	X					X		N
Lopez Island	LOPZ_VEG.pdf	Snohomish	ACD	X		X	X				Y
Lost River	LRIV_VEG.pdf	Idaho Falls	G						X		N
Lowell Butte Radio Station	LOBU_VEG.pdf	Eugene	G						X		N
Lower Granite	LOGT_VEG.pdf	Spokane	A	X		X		X		Adjacent ESA Fish Hab.	N
Lower Monumental	LOMO_VEG.pdf	Tri Cities	AB	X	X					No well issues	Y
Lynch Creek	LYNC_VEG.pdf	Covington	AC	X		X					Y
Lyons Test Site	LUHV_VEG.pdf	Salem	A	X							N
Mabton	MBTN_VEG.pdf	Tri Cities	D				X				N
Macks Inn	MKIN_VEG.pdf	Idaho Falls	CDG			X	X		X		N
Madison	MADI_VEG.pdf	Idaho Falls	G						X		N
Malaga Radio	MALG_VEG.pdf	Wenatchee	None								N
Malin	MALN_VEG.pdf	Redmond	AB	X	X					No well issues	Y
Maple Valley	MPLV_VEG.pdf	Covington	ACD	X		X	X				Y
Mapleton	MAPL_VEG.pdf	Eugene NB	A	X							Y
Marion	MARN_VEG.pdf	Salem	ABCD	X	X	X	X			No well issues	Y
Martin Creek	MNCR_VEG.pdf	Eugene	ADG	X			X		X		Y

Mary's Peak Radio Site	MARY_VEG.pdf	Eugene	FG			X		X	X	No work should be done at this site until construction is complete. NSO and MAMU CH (no specific mitigation needed for site spraying). This site is sensitive and only the rocked areas should be treated and shown as the "Bare Ground" treatment category. The rest of the site should be SENSITIVE AREA. There is a planned construction project that will reconfigure this site in 2024.	N
Maupin	MOPN_VEG.pdf	The Dalles	None								N
McLoughlin	MCLO_VEG.pdf	Ross	A	X							N
McMinnville	MCMI_VEG.pdf	Salem	AD	X			X			Sold- according to SIR.	N
McNary	MCNY_VEG.pdf	Tri Cities	AB	X	X						Y
Megler Radio	MGLW_VEG.pdf	Longview	G						X		N
Merritt Radio	MERR_VEG.pdf	Wenatchee	FG					X	X	NSO CH (no specific mitigation needed for site spraying)	N
Metaline RS	METL_VEG.pdf	Spokane	G						X		N
Mica Peak RS	MICP_VEG.pdf	Spokane	G						X		N
Midway	MIDW_VEG.pdf	Tri Cities	AB	X	X					No well issues	N
Miller Peak RS	MILP_VEG.pdf	Kalispell	G						X		N
Minidoka	MINI_VEG.pdf	Idaho Falls	None								N
Minidoka RS	MIRS_VEG.pdf	Idaho Falls	G						X		N
Minot Peak Radio	MINO_VEG.pdf	Olympia	CG			X			X		N
Monmouth	MONM_VEG.pdf	Salem	None			X					N
Monroe	MONE_VEG.pdf	Snohomish	ACD	X		X	X				Y
Morrow Flat	MORF_VEG.pdf	Tri Cities	A	X							Y
Mountain Avenue	MTAV_VEG.pdf	Eugene	A	X						Containment outfall discharges directly to unknown water feature	Y
Mountain Home	MTHO_VEG.pdf	Idaho Falls	G						X		N
Moxee	MOXE_VEG.pdf	Tri Cities	B		X					No well issues	N
Moyie	MOYE_VEG.pdf	Spokane	None								N

Mt Hebo Radio	MEBM_VEG.pdf	Salem	FG			X			X	X	No work should be done at this site until construction is complete. ESA Butterfly, NSO and MAMU CH. (specific mitigation TBD) This site is sensitive and only the rocked areas should be treated and shown as the "Bare Ground" treatment category. The rest of the site should be SENSITIVE AREA. There is a planned construction project that will reconfigure this site in 2024.	N
Mt. Spokane RS	SPOK_VEG.pdf	Spokane	None									N
Murray	MURY_VEG.pdf	Snohomish	ABCFG	X	X	X			X	X	No well issues	Y
Napavine	NAPV_VEG.pdf	Olympia	ACE	X		X		X			SW retention pond appears to drain to adjacent wetland off of BPA property on the south. Wetland flows to ESA stream	N
Naselle	NASE_VEG.pdf	Longview	ADE	X		X	X	X			Adjacent to ESA stream/wetlands	N
Naselle Ridge Radio	NASR_VEG.pdf	Longview	G							X		N
North Bench	NBCH_VEG.pdf	Spokane	A	X								Y
North Bend MHQ	NBMH_VEG.pdf	Eugene NB	A	X								N
North Bend RS	NBNW_VEG.pdf	Covington	FG						X	X	Adjacent to NSO Suitable Hab. (no specific mitigation needed for site spraying)	N
North Bonneville	NBON_VEG.pdf	Ross	ABCDE	X	X	X	X	X			Adjacent to ESA stream/wetlands/slough.	N
North Butte	NBUT_VEG.pdf	Eugene	A	X								Y
Noti Radio	NOTI_VEG.pdf	Eugene	G						X	X	In NSO CH (no specific mitigation needed for site spraying)	N
Odessa	ODES_VEG.pdf	Spokane	None	X								Y
Olympia	OLYM_VEG.pdf	Olympia	A	X		X		X	X		ESA amphibian and Critical Habitat in adjacent areas to the south of 500 yard on fee-owned property.	Y
Oregon City	OREC_VEG.pdf	Salem	AB	X	X							N
Ostrander	OSTD_VEG.pdf	Ross	ACDE	X		X	X	X			History of herbicide contamination in groundwater. Well located in field to the east of sub. Sub surrounded by wetlands. History of herbicides in adjacent surface waters.	Y
Ovando	OVAN_VEG.pdf	Kalispell	A	X								Y
Parkdale	PARK_VEG.pdf	The Dalles	ACD	X		X	X					Y
Pasco Maintenance HQ	PAHQ_VEG.pdf	Tri Cities	A	X								N
Paul Johnson	HARM_VEG.pdf	Ross	A	X								N
Pearl	PERL_VEG.pdf	Salem	ABC	X	X	X						Y
Pendleton	PEND_VEG.pdf	Tri Cities	None									N
Plum Radio	PLUM_VEG.pdf	Wenatchee	None									N
Pomeroy	POME_VEG.pdf	Spokane	ABCD	X	X	X	X				Sold- according to SIR.	Y
Pomeroy MW	POMY_VEG.pdf	Spokane	G							X		N
Ponderosa	POND_VEG.pdf	Redmond	A	X								Y
Port Angeles	POAN_VEG.pdf	Olympia	AG	X						X		Y
Port Orford	POOF_VEG.pdf	Eugene NB	D				X					N
Potholes	POTH_VEG.pdf	Wenatchee	AB	X	X							N
Potlatch	POTL_VEG.pdf	Olympia	C			X						N
Priest River	PRRV_VEG.pdf	Spokane	D	X			X					Y
Prospect Hill RS	PROH_VEG.pdf	Salem	None									N
Rainier Radio	RAIR_VEG.pdf	Longview	None									N

Raver	RAVE_VEG.pdf	Covington	A	X							Y
Raymond	RAYM_VEG.pdf	Olympia	ABCDE	X	X	X	X	X		Adjacent to ESA stream/wetlands. Infiltration gallery draws water from a creek. Herbicides, iron, and aluminum detected in well, but at low levels.	Y
Raymond Hill Radio	RAYH_VEG.pdf	Olympia	G						X		N
Raymond Radio	RARS_VEG.pdf	Olympia	G						X		N
Red Mountain	RDMT_VEG.pdf	Tri Cities	A	X							N
Redmond	RDMD_VEG.pdf	Redmond	AB	X	X		X			Poorly constructed well	Y
Reedsport	REED_VEG.pdf	Eugene NB	A	X							N
Republic	REPU_VEG.pdf	Spokane	None								N
Reston	REST_VEG.pdf	Eugene	C	X		X					N
Richland	RICH_VEG.pdf	Tri Cities	ACD	X		X	X				Y
Ringold	RING_VEG.pdf	Tri Cities	None								Y
Rock Creek	RKCR_VEG.pdf	The Dalles	A	X							Y
Rockdale RS	ROCK_VEG.pdf	Covington	F					X		Adjacent to NSOand MAMU Suitable Hab. (no specific mitigation needed for site spraying)	N
Rocky Reach	RKYR_VEG.pdf	Wenatchee	None	X							Y
Rocky Ridge RS	ROKY_VEG.pdf	Kalispell	G						X		N
Rogue	ROGE_VEG.pdf	Eugene NB	AD	X			X				Y
Roosevelt RS	ROOS_VEG.pdf	Tri Cities	G						X		N
Ross Fog Test Chamber	ROSS8_VEG.pdf	Ross	A	X							N
Ross JD	RSSB_VEG.pdf	Ross	A	X							N
Ross RS	RRAS_VEG.pdf	Ross	None								N
Round Valley	RVLY_VEG.pdf	Idaho Falls	CDG			X	X		X		N
Roundup	ROUN_VEG.pdf	Tri Cities	A	X						Poss remove A	N
Ruby Mountain Radio Station	RMRS_VEG.pdf	Spokane	G						X		N
Sacajawea	SACA_VEG.pdf	Tri Cities	A	X							Y
Sacheen	SACH_VEG.pdf	Spokane	A	X							Y
Salem	SALE_VEG.pdf	Salem	AB	X	X						Y
Sand Creek	SDCK_VEG.pdf	Spokane	A	X							N
Sand Springs Comp #1	SASP 1_VEG.pdf	Redmond	G						X		N
Sand Springs Comp #3	SASP 3_VEG.pdf	Redmond	G						X		N
Sandpoint	SAND_VEG.pdf	Spokane	A	X							Y
Santiam	SANT_VEG.pdf	Salem	ABCG	X	X	X	X		X	Poorly constructed well and shallow GW	Y
Sappho	SAPO_VEG.pdf	Olympia	ACF	X		X		X			N
Satsop	SATS_VEG.pdf	Olympia	A	X						History of herbicides in containment system	Y
Schultz	SHUL_VEG.pdf	Wenatchee	None	X							Y
Scooteney	SCOO_VEG.pdf	Tri Cities	None	X				X			Y
Scott Mountain RS	SCOT_VEG.pdf	Eugene	G						X		N
Selle	SELL_VEG.pdf	Spokane	AD	X			X				Y
Shelton	SHEL_VEG.pdf	Olympia	AC	X		X					N
Sickler	SCLR_VEG.pdf	Wenatchee	A	X							Y
Sifton	SIFT_VEG.pdf	Ross	A	X							Y
Silver Bow	SIBO_VEG.pdf	Kalispell	None								N
Silver Creek	SICR_VEG.pdf	Olympia	AC	X		X				adjacent wetlands	N
Skyrocket RS	SKYR_VEG.pdf	Tri Cities	G						X		N
Slatt	SLAT_VEG.pdf	Tri Cities	AB	X	X					No well issues	N
Snipes	SNIP_VEG.pdf	Tri Cities	None							Sold- according to SIR.	N
Snohomish	SNOH_VEG.pdf	Snohomish	ACG	X		X			X	adjacent wetlands. Containment outfall flows directly to wetlands.	Y
Sno-King	SNOK_VEG.pdf	Snohomish	ABD	X	X		X			No well issues. Containment outfall flows a short distance to delineated wetlands.	Y
South Mountain Radio	SOMW_VEG.pdf	Olympia	G						X		N

South Tacoma	STAC_VEG.pdf	Covington	B		X		X				History of herbicide contamination in groundwater.	N
Spar Canyon	SPCN_VEG.pdf	Idaho Falls	CDG			X	X			X		N
Spring Creek	SPCK_VEG.pdf	The Dalles	A	X								N
Squak Mtn RS	SQAK_VEG.pdf	Covington	G							X		N
St. Johns	STJO_VEG.pdf	Ross	A	X				X			Containment outfall flows directly to wetlands/pond	Y
Stateline	STAT_VEG.pdf	Tri Cities	G							X		N
Steliacoom	STIL_VEG.pdf	Covington	D				X					N
Substation X	PSNX_VEG.pdf	Olympia	ACDEFG	X		X	X	X	X	X	Asphalt surface. Adjacent to Puget Sound. ESA fish, orcas. Assume stormwater from containment enters Puget Sound.	Y
Summer Lake	SUML_VEG.pdf	Redmond	G							X		N
Sun Harbor	SUNH_VEG.pdf	Tri Cities	None									N
Sunnyside RS	Suny31_VEG.pdf	Tri Cities	G							X		N
Surprise Lake	SULK_VEG.pdf	Covington	ACDG	X		X	X			X		Y
Swan Valley	SWVY_VEG.pdf	Idaho Falls	AG	X						X		Y
Sycan Comp #1	SYCN 1_VEG.pdf	Redmond	A	X								N
Sycan Comp #3	SYCN 3_VEG.pdf	Redmond	None									N
Tacoma	TACO_VEG.pdf	Covington	ABCDEFG	X	X	X	X	X	X	X	Adjacent to Puget Sound. ESA fish, orcas. No well at facility. Assume stormwater from containment enters Puget Sound.	Y
Tacoma RS	TACA_VEG.pdf	Covington	None									N
Taft	TAFT_VEG.pdf	Kalispell	ACG	X		X				X		Y
Tahkenitch	TAHK_VEG.pdf	Eugene NB	A	X								Y
Targhee	TARG_VEG.pdf	Idaho Falls	ACD	X		X	X					Y
Teakean Butte MW	TEAK_VEG.pdf	Spokane	None									N
Teanaway Radio	TEAN_VEG.pdf	Wenatchee	None									N
Teton	TETN_VEG.pdf	Idaho Falls	CD			X	X					N
The Dalles	TDAL_VEG.pdf	The Dalles	None									N
Thompson Falls RS	THPF_VEG.pdf	Kalispell	G							X		N
Thunder Ridge RS	TNDR_VEG.pdf	Idaho Falls	G							X		N
Tillamook	TILL_VEG.pdf	Salem	AD	X			X				Sold- according to SIR.	Y
Timber	TIMB_VEG.pdf	Salem	ACDE	X		X	X	X				Y
Toledo	TOLE_VEG.pdf	Eugene NB	A	X								Y
Trego	TREG_VEG.pdf	Kalispell	None								Sold- according to SIR.	N
Trentwood	TREN_VEG.pdf	Spokane	A	X								Y
Troutdale	TROU_VEG.pdf	Ross	ABCD	X	X	X	X				History of herbicide contamination in groundwater. Containment outfall flows though pipes, with small daylight, directly to delineated wetlands.	Y
Troy	TROY_VEG.pdf	Kalispell	None									N
Tucannon	TUCR_VEG.pdf	Spokane	A	X								N
Tumble Creek	TUMB_VEG.pdf	Salem	ADG	X			X			X		N
Two Mile	TMRS_VEG.pdf	Eugene NB	A	X								Y

Unity	UNTY_VEG.pdf	Idaho Falls	CD			X	X			Sold- according to SIR.	N
USK	USKS_VEG.pdf	Spokane	None								N
Valhalla	VALH_VEG.pdf	Wenatchee	A	X						13.8 kV Sold- according to SIR.	N
Vantage	VANT_VEG.pdf	Wenatchee	AG	X					X		Y
Wagner Lake	WAGL_VEG.pdf	Spokane	A	X							Y
Walla Walla	WAWA_VEG.pdf	Tri Cities	B	X	X					No well issues	N
Walton	WALT_VEG.pdf	Eugene	A	X							Y
Warner	WRNR_VEG.pdf	Redmond	A	X							Y
Warren	WARN_VEG.pdf	Longview	A	X							N
Wasco RS	WASC_VEG.pdf	The Dalles	None								N
Waterville Radio	WATR_VEG.pdf	Wenatchee	None								N
Wautoma	WAUT_VEG.pdf	Tri Cities	AB	X	X					No well issues	Y
Wendson	WEND_VEG.pdf	Eugene NB	ABG	X	X				X	No well issues	N
West Burley	WBRL_VEG.pdf	Idaho Falls	None								N
West Portland Radio	WESP_VEG.pdf	Ross	G						X		N
Westside	WESD_VEG.pdf	Idaho Falls	BCDG		X	X	X		X	No well issues	N
Whiskey Ridge Radio	WRRS_VEG.pdf	Wenatchee	G						X		N
White Bluffs	WHBL_VEG.pdf	Tri Cities	None	X							N
Wine Country	WINE_VEG.pdf	Tri Cities	A	X							N
Winthrop	WINH_VEG.pdf	Wenatchee	None	X							Y
Woodland Switching Station	WDLD_VEG.pdf	Longview	None			X		X		Adjacent ESA Fish Hab.	N
Wren	WREN_VEG.pdf	Eugene	AF	X				X		ESA plants and Butterfly in general vicinity but not on this property. (specific mitigation TBD)	Y
Yaak	YAAK_VEG.pdf	Kalispell	AG	X					X		Y

Revision: *Original Issue*
Affected Organization: *Transmission Business Line (T) and Environment, Fish, and Wildlife (E)*

Approved:

Manager, Pollution Prevention and Abatement

STANDARD: List of Approved Herbicides - BPA and its contractors will use only "BPA-approved" herbicides for vegetation management purposes.

1.0 Background

BPA concluded its vegetation management strategy with finalization of the Transmission System Vegetation Management Program Environmental Impact Statement and corresponding Record of Decision during July 2000.

During preparation of the Vegetation Management EIS, BPA carefully analyzed vegetation management chemicals and selected those chemicals best fitting our needs while providing the least impact to non-target resources. Additional chemicals were added in subsequent years following the process described in Chapter II of the EIS. This Standard describes the current "List of Approved Herbicides".

This Standard applies to all vegetation management activities at all BPA facilities whether managed by BPA or a contractor.

2.0 Standard

BPA and its contractors will use only "BPA-approved" herbicides, and mixtures that contain only "BPA-approved" herbicides for vegetation management purposes. The approved herbicides are for terrestrial application purposes only. Even though some of the approved herbicides are registered by EPA for both terrestrial and aquatic use, the use of these herbicides in an aquatic environment is outside the scope of the EIS and requires individual NEPA documentation. Active ingredients and adjuvants ***NOT*** listed in this Standard are prohibited from use by BPA and its contractors at any BPA facility.

2.1 List of Approved Herbicides

Table 1 lists approved herbicides and the facilities where the approved herbicides can be used. For the herbicides listed in Table 1, the active ingredient can be used in any percentage and in any "single ingredient" formulation.

Herbicide mixtures may be created from individually approved active ingredients contained in Table 1 if the mixture is not listed in Table 2, or prohibited by the label of any individual herbicide used for the mix. Follow the most restrictive of the labeling limitations and precautions of all products used in mixtures. Each active ingredient of the mixture can be mixed in any percentage and used in any formulation provided the label allows such mixing. Labels should be read carefully for manufacturer's warnings and safety precautions that may be required for a particular formulation.

Table 2 lists herbicide mixtures that are unapproved for all activities described in BPA's Vegetation Management Program EIS. These mixtures known or suspected to have synergism affecting non-target organisms (excluding plants).

Synergism may occur when two or more herbicides are mixed and applied together and the impact of the mixture is greater than when the herbicides are applied separately. The effectiveness of the herbicide mixture, therefore, may be multiplied by using a lesser amount of total herbicide than if applied separately. Synergistic effects have the benefit of reducing the total amount of herbicide applied; however, adequate research (by the manufacturer and others) on potential impacts and toxicity of mixtures on non-target organisms may not have been conducted. Additionally, no guarantee can be made about the absence of a synergistic interaction between herbicides and/or other chemicals to which workers, the public, or non-target organisms might be exposed.

Table 2 is not meant to be an exhaustive list of all possible herbicide mixtures that may have synergism impacting non-target organisms, and will be updated as research becomes available.

Table 3 lists the approved trade names and formulations for glyphosate. Glyphosate can be tank-mixed or simultaneously applied with any other approved herbicide or approved mixture provided the label of the other herbicide allows such mixing or application, and provided the mixture is not listed in Table 2

Table 4 lists approved adjuvants that can be used in any combination, at any facility, with any of the herbicides approved in Table 1 and 2, provided the label allows such mixing.

Table 5 is a listing of individual herbicides and their reported corrosiveness to metals or painted surfaces. Users should be aware that combining herbicides and/or adding adjuvants might affect the reported corrosiveness.

2.2 Addition of herbicides, use areas, or techniques to original listings

Users requesting new herbicides, use areas, or techniques shall complete the attached questionnaire to initiate this action. The Vegetation Management EIS allows for the introduction of new herbicides and vegetation management techniques, particularly those having less impact when compared against the original herbicide list, use areas, and techniques. Requests for new herbicides, use areas, and techniques will be analyzed for effectiveness, cost, and potential environmental impacts. The review would include, as appropriate, consultations with appropriate agencies and tribes, as well as public notification and solicitation of comments. This information would be gathered in a Supplement Analysis. The Supplement Analysis will tell us whether we can simply tier to the EIS and add the new herbicide, use area, or technique, or whether we need to proceed with a supplemental EIS before deciding whether to add the new herbicide to our toolbox. If the Supplement Analysis shows impacts equivalent to, and safer or more environmentally benign than the ones discussed in the EIS, then the new herbicide or technique could be added to our toolbox without further review. If the impacts are greater, or, have not been previously analyzed in the EIS, a supplemental EIS will be required followed by a new Record of Decision.

2.3 Lands administered by USDOI-Bureau of Land Management and USDA-Forest Service

Vegetation management on BLM and Forest Service lands requires coordination with individual BLM Field Offices and Forest Service Regions and/or Districts due to regional and district differences in allowable herbicides. Please consult the Vegetation Management EIS for appropriate planning steps prior to the application of herbicides on these lands.

3.0 Related Documentation

USDOE-BPA, Transmission System Vegetation Management Program, Final Environmental Impact Statement, DOE/EIS-0285, May 2000

USDOE-BPA, Transmission System Vegetation Management Program, Record of Decision, DOE/EIS-0285, July 2000

4.0 Forms

Questionnaire: Request for Addition of Herbicide to List of Approved Herbicides

Table 1 - List of Approved Active Ingredients

Active Ingredient	Use Areas[1]	Advisory[2]		Highest Aquatic Toxicity for Invertebrates/ Vertebrates	Remarks[5]	Trade Name
		Ground Water[3]	Surface Water[4]			
2,4-D butoxyethanol ester (low volatile)	ROW, NE	X		Moderately Toxic	Post-emergent. Selective.	Many
2,4-D butyl ester (high volatile)	ROW, NE	X		Highly Toxic	Post-emergent. Selective.	Many
2,4-D choline salt	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Freelexx
2,4-D dimethylamine salt	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Many
2,4-D dodecyl/tetradodecyl amine salt	ROW, NE	X		Slightly Toxic	Post-emergent. Selective.	Many
2,4-D oleylpropylene amine salt	ROW, NE	X		Highly Toxic	Post-emergent. Selective.	Many
2,4-D propylene glycol butyl ether ester	ROW, NE	X		Highly Toxic	Post-emergent. Selective.	Many
aminocyclopyrachlor	E, NE	X	X	Slightly Toxic	Pre-/post-emergent. Selective. General surface/groundwater advisory. Not permitted in Oregon for use on utility ROWs & facilities. Not permitted on USFS lands.	Method
aminopyralid	ALL	X		Practically Non-toxic	Pre-/post-emergent. Selective.	Milestone
bromacil	ROW, E	X		Slightly Toxic	Broad-spectrum residual.	Hyvar
chlorsulfuron	ROW			Practically Non-toxic	Post-emergent. Selective.	Glean, Telar
clethodim	All			Slightly Toxic	Post-emergent. Selective.	Select 2EC
clopyralid	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Stinger, Transline
dicamba	ROW, NE	X	X	Slightly Toxic	Post-emergent. Selective. Restrictions with wellhead setbacks.	Banvel, Vanquish
dichlobenil	NE	X		Moderately Toxic	Pre-emergent. Selective. Do not apply to fine sandy soils.	Casoron
diuron	ROW, E			Highly Toxic	Pre-emergent. Selective.	Diuron, Karmex
florpyrauxifen-benzyl	ALL			Practically Non-toxic	Use only as a component of a terrestrially-applied pre-formulated herbicide mixture with other approved active ingredients	TerraVue (aminopyralid + florpyrauxifen-benzyl)
flumioxazin	E, NE		X	Highly Toxic	Pre-/post-emergent. Soil active. Selective.	Payload
fosamine ammonium	ROW			Practically Non-toxic	Post-emergent. Selective.	Krenite
glyphosate (See Table 3)	ALL				Post-emergent. Non-selective.	
halosulfuron-methyl	NE	X		Practically Non-toxic	Post-emergent. Selective.	SedgeHammer
hexazinone	ALL	X	X	Slightly Toxic	Pre-/post-emergent/Broad-spectrum residual. Non-selective.	Velpar
imazapic	ALL	X		Practically Non-toxic	Pre-/post-emergent. Selective.	Plateau DG
imazapyr	ROW			Practically Non-toxic	Pre-/Post-emergent/Broad-spectrum residual. Non-Selective.	Arsenal, Chopper
indaziflam	ALL	X	X	Highly Toxic	Pre-emergent. Selective.	Esplanade, Rejuvra
isoxaben	ALL	X	X	Moderately Toxic	Pre-emergent. Selective.	Gallery

mefluidide	NE	X		Practically Non-toxic	Plant growth regulator for turfgrasses, ground covers, ornamental shrubs and trees.	Embark
metsulfuron-methyl	ROW			Practically Non-toxic	Pre-/post-emergent. Soil active. Selective.	Escort, Escort XP
oryzalin	NE			Moderately Toxic	Pre-emergent. Selective.	Surflan
oxadiazon	LS		X	Slightly Toxic	Pre-emergent. Selective.	Ronstar G
paclobutrazol	ROW			Slightly Toxic	Tree growth regulator.	Profile
picloram	ROW	X	X	Moderately Toxic	Pre-/post-emergent. Soil active. Selective.	Tordon 22K
prodiamine	LS		X	Practically Non-toxic	Pre-emergent. Selective.	Barricade 65WG
sethoxydim	ALL			Practically Non-toxic	Post-emergent. Selective.	Poast
sulfentrazone	E, NE	X	X	Slightly Toxic	Pre-/post-emergent. Selective.	Portfolio, Authority
sulfometuron-methyl	E	X	X	Slightly Toxic	Pre-/post-emergent. Selective. Many restrictions apply.	Oust
tebuthiuron	ROW, E	X		Slightly Toxic	Broad-spectrum residual. Many restrictions apply.	Spike
Triclopyr BEE	ROW, NE	X		Highly Toxic	Post-emergent. Selective.	Forestry Garlon 4, Garlon 4, Pathfinder II, Garlon XRT
Triclopyr TEA	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Garlon 3A
Triclopyr Choline	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Vastlan
Triclopyr Acid	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Trycera
Trinexapac-ethyl	NE, LS			Slightly Toxic	Plant growth regulator for grass/turf.	Primo MAXX

See BPA Hebicide Fact Sheets for Additional Information: https://www.bpa.gov/-/media/Aep/efw/nepa/active/transmission-system-vegetation-management-program/veg-mgmt-documents/20220830-veg-mgmt-herbicide-fact-sheet.pdf

See Herbicide Labels for Specific Requirements: https://www.cdms.net/Label-Database

[1] Use Areas: ROW = Rights-of-Ways (roads, transmission line corridors); E = electrical facilities (substations, switches); NE = Non-electrical facilities (maintenance facilities, storage yards, control house grounds); LS = landscaping situations only.

[2] Advisory indications in these columns are for reference only. Always consult the product label to verify groundwater and/or surfacewater advisories for each herbicide product.

[3] An herbicide with groundwater advisory will include the following or similar language on the product label: “This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow,” or “[Name of chemica] [A degradate of (name of chemical)] is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.”

[4] An herbicide with surface water advisory will include the following or similar language on the product label: “This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water,” or “This product is classified as having [low/medium/high potential to reach surface waters and/or aquatic sediment, according to the pesticide’s “mean” soil partition coefficient (Kd)] for [several days/weeks/months or more after application, according to the pesticide’s aerobic soil metabolism half-life].

[5] Remarks in this column are for reference only. Always consult the product label to verify the herbicide is compatible with the desired treatment.

Table 2 - List of Unapproved Mixtures

This table lists herbicide mixtures that are known or suspected to have synergism affecting non-target organisms. All mixtures containing the combinations below are unapproved for all activities described in BPA's Vegetation Management Program EIS.

Mixtures of Active Ingredients	Known/ Suspected	Non-target Organism(s) Affected	Tank Mix or Trade Name	
			Mix	Trade Name
2,4-D + dicamba	Suspected	Fish	X	Weedmaster, Others
dicamba + glyphosate	Suspected	Amphibians	X	

Table 3 - List of Approved Glyphosate Products

Glyphosate is labeled under many different names and formulations. While the percent of active ingredient is generally the same, the greatest difference in formulations is the inert ingredient. Inert ingredients are added to aid in mixing of the active ingredient and as surfactants, etc. The active ingredient, glyphosate, is generally practically non-toxic to human, terrestrial, and aquatic animals. The addition of inert ingredients, by either the manufacturer during packaging, or, an applicator during tank mixing, can cause toxicity values, particularly for aquatic species, to rise dramatically. The table below summarizes the various formulations of glyphosate and selected issues that may arise during planning for vegetation management. Please read the footnotes below the table.

Trade Name[1]	Manufacturer	Percent Active Ingredient	Inert Ingredients[2]	Use Areas	Aquatic Toxicity
Accord	Monsanto	41.50	Unknown	All	Practically Non-toxic
Accord Concentrate	Monsanto	53.80	Unknown	All	Slightly Toxic (algae) Practically Non-toxic (fish)
Accord Site Prep	Monsanto	41.00	Unknown	All	Moderately Toxic
Accord SP	Monsanto	41.00	Unknown	All	Moderately Toxic
AquaMaster	Monsanto	53.80	Unknown	All	Slightly Toxic (algae) Practically Non-toxic (fish)
EZJECT Glyphosate	Monsanto			All	
Gly-Flo	Micro Flo	41.00	POEA	All	Moderately Toxic
Glyfos	Cheminova	41.00	POEA	All	Moderately Toxic
Glyphosate Original	Griffin LLC	41.00	Unknown	All	Slightly Toxic
Honcho	Monsanto	41.00	POEA	All	Slightly Toxic
Mirage	UAP West	41.00	POEA	All	Moderately Toxic
Protocol	Monsanto	41.50	Unknown	All	Moderately Toxic
Rodeo Aquatic	Monsanto	53.80	Water	All	Practically Non-toxic
Roundup Dry Pak	Monsanto	93.96	Dry	All	Practically Non-toxic
Roundup Original	Monsanto	41.00	POEA	All	Moderately Toxic
Roundup Original RT	Monsanto	41.00	POEA	All	Moderately Toxic
Roundup Pro	Monsanto	41.00	Unknown	All	Moderately Toxic
Roundup ProDry	Monsanto	71.40	Unknown	All	Slightly Toxic
Roundup Ultra	Monsanto	41.00	Unknown	All	Moderately Toxic

[1] Products may not be available or registered in states with BPA service area.

[2] Most inert ingredients are trade secrets and are listed as unknown. When no further inert ingredient information could be found for a particular formulation, the default value for aquatic toxicity was placed at moderately toxic. For those listings with unknown inert ingredients with values less than moderately toxic, information is on file describing the listed toxicity values of that formulation.

Table 4 - List of Approved Adjuvants

Common Name	Primary Technical Ingredient	Aquatic Toxicity
Crop Oil Concentrates (COC)	Any Solvent-Refined Light Paraffinic Petroleum Distillates	Slightly - Moderately Toxic
Vegetable/Seed Oil Concentrates (VOC) (SOC)	Any Vegetable Seed Oils	Practically Non-toxic
Methylated Seed Oils (MSO)	Any Refined (Methylated) Vegetable Seed Oils	Practically Non-toxic
Limonene	Any Percentage d-Limonene (CAS 138-86-3)	Practically Non-toxic
Organosilicone	Polyether-Polymethylsiloxane-Copolymer Formulations	Practically Non-toxic
POEA	Polyoxyethylamine	Moderately Toxic
Inorganic Salts	Ammonium Nitrate and Ammonium Sulfate Formulations	Practically Non-toxic
Dyes	Any FDA-Approved Food Dye	Practically Non-toxic
Foam Retardants	Acetic Acid Formulations	Practically Non-toxic
Drift Control Agents	Polyacrylamide Copolymer Formulations	Practically Non-toxic

Table 5 - Corrosivity of BPA-Approved Herbicides

This list applies to metals commonly found at BPA electrical facilities such as, copper conductors, aluminum conductors, structural aluminum, brass connectors, structural steel, galvanized coatings, etc. Other metals and coatings should be tested prior to exposure to these herbicides. The addition of other herbicides and adjuvants may also create a corrosive formulation that should be tested prior to application.

Active Ingredient	Corrosivity of Formulated Product
2,4-D	Most formulations are non-corrosive to metals. Some formulations may damage painted surfaces.
aminocyclopyrachlor	Non-corrosive.
aminopyralid	Non-corrosive.
bromacil	Alkaline formulated products are corrosive to aluminum. Other formulations are non-corrosive.
chlorsulfuron	Non-corrosive.
clethodim	Non-corrosive.
clopyralid	Corrosive to brass, copper, zinc, aluminum.
dicamba	Non-corrosive.
dichlobenil	Non-corrosive.
diuron	Non-corrosive.
florpyrauxifen-benzyl	No information available.
flumioxazin	Non-corrosive.
fosamine ammonium	Slightly corrosive to brass and copper.
glyphosate	Corrosive to iron and galvanized steel.
halosulfuron-methyl	Non-corrosive.
hexazinone	Non-corrosive.
imazapic	Corrosive to brass, iron, mild steel
imazapyr	Corrosive to iron, mild steel and brass.
indaziflam	Non-corrosive.
isoxaben	Non-corrosive.
mefluidide	Slightly corrosive to steel and aluminum.
metsulfuron-methyl	Non-corrosive.
oryzalin	Non-corrosive.
oxadiazon	No information available.
paclobutrazol	No information available.
picloram	Slightly corrosive to mild steel after extended exposure.
sethoxydim	Non-corrosive.
sulfentrazone	No information available.
sulfometuron-methyl	Non-corrosive.
tebuthiuron	Non-corrosive.
triclopyr	Slightly corrosive to aluminum after extended exposure.
trinexapac-ethyl	Non-corrosive.

Request for Addition of Herbicide, Use Area, or Technique to List of Approved Herbicides

Bonneville is only allowed to use herbicides that have gone through Bonneville environmental review and placed on our approved herbicide list. If there is a product that you would like added to that list for your use, fill out the request sheet below and mail, fax to: ***Manager, Pollution Prevention and Abatement – EP-4*** for initiating the review process. Phone: 503-230-3655 or 503-230-4722. Fax: 503-230-7591

What we will do with the Request

Pollution Prevention and Abatement will look at the potential environmental impacts of the product, and compare those impacts with those described in the Vegetation Management Program EIS. If the impacts are similar or less than those analyzed in the EIS, then we will perform the steps necessary to conclude the addition. If the potential impacts are greater than, or have not been analyzed, in the EIS, we will work with you to determine if there are other products that can meet this need. Products that do not have similar impacts to those described in the EIS will require a supplemental EIS and a new Record of Decision.

Questions?

Call Manager Pollution Prevention and Abatement.

Product Name _____

Active Ingredient _____

Manufacturer _____

Where would you use this product? (Mark one or more.)

Rights-of-ways ☐ Switchyards ☐ Landscaping ☐

What would you use this product/technique for? (i.e. selective control, total control, noxious weeds, etc.)

_____

_____

What application method would you use with this product?

_____

_____

What does this product/technique offer that the products/techniques on the current approved list do not?

_____

_____

_____

_____

Name:_____Routing:_____Date:_____

EXHIBIT B; APPROVED HERBICIDES & ENVIRONMENTAL MITIGATIONS

Herbicide Application Categories

These categories have been divided in order to separate the likeliness that non-targeted plants are affected by the treatment. The amount of drift, over-spray, or spread is the determining factor in the categories. They start with applications that affect only the targeted plants and range up to applications that can affect every plant in a wide area.

Spot Herbicide Application

Spot applications are characterized by treatment of individual plants with the least amount of chemicals used. There is very little *to* no potential for non-targeted vegetation to be harmed. The methods include, but are not limited to:*

- stump treatments by hand (squirt bottle) or by backpack
- basal treatments by hand (squirt bottle) or by backpack *Basal applications are when herbicides are applied at the base of the plant -the bark or stem from the ground, up to knee height*
- injection
- notch treatment

Localized Herbicide Application•

•

This application category is characterized by treatment of individual or small groupings of plants. There is a small potential for non-targeted vegetation to be affected. The application methods for this application group include, but are not limited to: foliar (*applying herbicides to the leaves/foliage of the plant)* with the use of a backpack sprayer, atv or tractor with a handgun

- spot granular by hand application

Broadcast Herbicide Application

Broadcast herbicide applications treat an area (rather than individual plants) affecting all vegetation susceptible to the particular herbicides used. The application methods for this application group include, but are not limited to:

- truck, ATV or tractor with handgun , broadcast nozzle, or boom
- truck or tractor with granular spreading
- includes cut-stubble treatment, when herbicide is sprayed by a truck-mounted boom over large swaths of freshly mechanically cut areas
- granular spread by hand or belly grinder

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*The list of methods is not limited to the ones listed so that new techniques that maybe developed may be used within the appropriate application category.

Environmental Standards & Procedures

Vegetation Management
List of Approved Herbicides

January 2008

Table 1 - List of Approved Active Ingredients

Active Ingredient	Use Areas	Advisory		Highest Aquatic Toxicity for Invertebrates/Vertebrates	Remarks	Trade Name
		Ground Water	Surface Water			
2,4-D butoxyethanol ester (low volatile)	ROW, NE	X		Moderately Toxic		Many
2,4-D butyl ester (high volatile)	ROW, NE	X		Highly Toxic		Many
2,4-D dimethylamine salt	ROW, NE	X		Practically Non-toxic	General groundwater advisory.	Many
2,4-D dodecyl/tetradodecyl amine salt	ROW, NE	X		Slightly Toxic	General groundwater advisory.	Many
2,4-D oleylpropylene amine salt	ROW, NE	X		Highly Toxic	General groundwater advisory.	Many
2,4-D propylene glycol butyl ether ester	ROW, NE	X		Highly Toxic		Many
aminopyralid	ALL			Practically Non-toxic		Milestone, Milestone VM
azafenidin	ALL			Slightly Toxic		Milestone
bromacil	ROW, E	X		Slightly Toxic	General groundwater advisory.	Hyvar
chlorsulfuron	ROW			Practically Non-toxic		Glean, Telar
clethodim	All			Slightly Toxic		Select 2EC
clopyralid	ROW, NE	X		Practically Non-toxic	General groundwater advisory.	Stinger, Transline
dicamba	ROW, NE	X	X	Slightly Toxic	Restrictions with mandatory setbacks.	Banvel, Vanquish
dichlobenil	NE	X		Moderately Toxic	Do not apply to fine sandy soils. Others.	Casoron
diuron	ROW, E			Highly Toxic		Diuron, Karmex
flumioxazin	E, NE	X	X	Practically Non-toxic	General surface/groundwater advisory.	Payload
fosamine ammonium	ROW			Practically Non-toxic		Krenite
glyphosate (See Table 3)	ALL					
halosulfuron-methyl	NE	X		Practically Non-toxic	General groundwater advisory.	Manage
hexazinone	All	X	X	Slightly Toxic	General surface/groundwater advisory.	Velpar
imazapic	All	X		Practically Non-toxic	General groundwater warning	Plateau DG
imazapyr	ROW			Practically Non-toxic		Arsenal, Chopper
isoxaben	ALL			Moderately Toxic		Gallery
mefluidide	NE			Practically Non-toxic		Embark
metsulfuron-methyl	ROW			Practically Non-toxic		Escort
oryzalin	NE			Moderately Toxic		Surflan
oxadiazon	LS		X	Slightly Toxic	General sufacewater warning	Row Star AC, Row Star G
paclobutrazol	ROW			Slightly Toxic		Profile
picloram	ROW	X	X	Moderately Toxic	General surface/groundwater advisory.	Tordon 22K
prodiamine	LS	X	X	Practically Non-toxic	General surface/groundwater warning	Barricade 65WG
sethoxydim	All			Practically Non-toxic		Poast

Bonneville Power Administration
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Page 1 of 2

Table 1 - List of Approved Active Ingredients (continued)

sulfentrazone	E, NE	X	X	Slightly Toxic	General surface/groundwater advisory.	Portfolio, Authority
sulfometuron-methyl	E		X	Slightly Toxic	Many restrictions apply.	Oust
tebuthiuron	ROW, E	X	X	Slightly Toxic	Many restrictions apply.	Spike
triclopyr (BEE)	ROW, NE			Highly Toxic		Forestry Garlon 4, Garlon 4, Pathfinder II
triclopyr (TEA)	ROW, NE			Practically Non-toxic		Garlon 3A
Trinexapac-ethyl	NE			Slightly Toxic		Primo

See BPA Hebicide Fact Sheets for Additional Information: http://www.efw.bpa.gov/environmental_services/Document_Library/Vegetation_Management/approvedherbicides.aspx

See Herbicide Labels for Specific Requirements: http://www.efw.bpa.gov/environmental_services/Document_Library/Vegetation_Management/Labels_and_MSDS.pdf

Use Areas: ROW = Rights-of-Ways (roads, transmission line corridors); E = electrical facilities (substations, switches); NE = Non-electrical facilities (maintenance facilities, storage yards, control house gounds); LS = landscaping situations only.

Additional Information on these Approved Products can be reviewed at:

http://www.efw.bpa.gov/environmental_services/Document_Library/Vegetation_Management/approvedherbicides.aspx

http://www.efw.bpa.gov/environmental_services/Document_Library/Vegetation_Management/Labels_and_MSDS.pdf

The following mitigation measures would be observed to reduce impacts on vegetation:

- Apply mitigation measures (such as timing restrictions, or specific method use) resulting from T&E determinations or consultations.
- Follow herbicide product label directions for appropriate uses, restrictions etc.
- Use herbicide-thickening agents (as appropriate), label instruc- tions, and weather restrictions to reduce the drift hazard to non-target plants.
- Do not apply pellet herbicides within three times (3X) the crown width (or dripline) of an off-right-of-way tree.
- *In the rare case of an herbicide spill,* follow all herbicide spill requirements, including containment and clean-up procedures.
- Visit rights-of-way after treatments to determine whether target vegetation was controlled and whether non-target plants were affected.

Water

The following mitigation measures would be applied for water resources.

- Recognize that any discharge of material (displaced soils and, in certain circumstances, vegetation debris) within a water of the U.S. may be subject to U.S. Army Corps of Engineers regulations under the Clean Water Act.
- *For all methods using machinery or vehicles (i.e. chainsaws, trucks, graders)* keep the equipment in good operating condition to eliminate oil or fuel spills.
- Do not wash equipment or vehicles at a stream.
- Follow herbicide product label directions for appropriate uses, restrictions etc.
- Use herbicide thickening agents (as appropriate), label instructions, and weather restrictions to reduce the drift hazard to water resources.
- Ensure that there is no danger of granular herbicides being washed from the areas of application.
- Notify inspector and the State of any amount of herbicide spill in or near water.
- Always use siphon prevention devices/methods when filling herbicide tanks from domestic water supplies.
- Consider climate, geology and soil types in selecting the herbicide with lowest relative risk of migrating to water resources.
- Protect surface water and groundwater by observing all riparian buffer widths and herbicide-free zone guidelines in Tables VI-2, VI-3, and VI-4 (unless other agencies, local authorities, or T&E consultations require stricter buffers).

- *Before herbicide application*, thoroughly review the right-of-way to identify and mark, if necessary, the buffer requirements.

Table VI-2: Buffer Widths to Minimize Impacts on Non-Target Resources

Herbicide/Adjuvant Ecological Toxicities and Characteristics	Buffer Width from Habitat Source per Application Method (i.e., stream, wetland, or sensitive habitats)				
	Spot	Localized	Broadcast[1]	Aerial[2]	Mixing, Loading, Cleaning
Practically Non-toxic to Slightly Toxic	Up to Edge[3,4]	Up to Edge[3,4]	10.7 m[3,4] (35 ft.)	30.5 m[4] (100 ft.)	30.5 m[5] (100 ft.)
Moderately Toxic, or if Label Advisory for Ground/ Surface Water	7.6 m[3,4] (25 ft.)	10.7 m[3,4] (35 ft.)	30.5 m[3,4] (100 ft.)	76.2 m[4] (250 ft.)	76.2 m[5] (250 ft.)
Highly Toxic to Very Highly Toxic	10.7 m[3,4] (35 ft.)	30.5 m[3,4] (100 ft.)	Noxious weed control only. Buffer as per local ordinance.	Noxious weed control only. Buffer as per local ordinance.	76.2 m[5] (250 ft.)

[1] Using ultra low volume (ULV) nozzles with orifice size and spray pressure set to produce droplets at a minimum of 150 microns, boom or nozzle heights at the lowest possible height, and cross-wind speed of less than 10 mph.[3]

[2] Using ULV nozzles with orifice size and spray pressure set to produce droplets at a minimum of 150 microns, minimizing air shear relative to nozzle angle and aircraft speed, boom length at 70% or less of wingspan/rotor, swath adjustment not to exceed 60 feet based on maximum cross-wind speed of less than 10 mph, minimum safety clearance application height, and herbicide tank mixture dynamic surface tension is less than 50 dynes/cm.[3]

[3] Goodrich-Mahoney, J.W., Determination of the Effectiveness of Herbicide Buffer Zones in Protecting Water Quality, Electric Power Research Institute, Report No. TR-113160, September 1999

[4] Calculated from: A Summary of Ground Application Studies, Spray Drift Task Force, 1997

[5] BPA Best Management Practice

Table VI-3: Herbicide-free Zones for Rights-of-way, Substations, Electric Yards, and Non-electric Facilities

Zone	Buffer Width
Agricultural Irrigation Source of Any Kind (Wet or Dry)	15m (50 ft.) from each bank (linear) or well (radius) for Gny herbicide.
Domestic/Public Drinking Water Well	50m (164 ft.) radius for any herbicide having a ground/surface water advisory* 15m (50 ft.) radius for any other herbicide
Domestic/Public Drinking Water Intakes/Spring Developments	For slopes <10% 50-m (164- ft.) radius for any herbicide having a ground/surface water advisory* 15-m (50-ft.) radius for any other herbicide For Slopes >10% <30% 150-m (492-ft.) radius for any herbicide having a ground/surface water advisory* 50-m (164-ft.) radius for any other herbicide For slopes >30% 300-m (984-ft.) radius for any herbicide having a ground/surface water advisory* 100-m (328-ft.) radius for any other herbicide
Sole Source Aquifers	As per local aquifer management plan.

*as stated on the label

< means "less than" > means "more than"

- Monitor to determine whether desired results for water resources were achieved or whether follow-up mitigation measures are necessary (e.g., erosion control measures).

Fish and Other Aquatic Species

Generally, the more herbicide that it takes to kill a fish, the less toxic the herbicide is to that fish. Please see Table VI-7 (page 185), for the toxicity ratings of the proposed herbicides on aquatic species.

Table VI-5: Herbicide Toxic Ratings for Aquatic Species

Not all herbicides have detrimental effects on wildlife, nor do herbicide residues necessarily lead to serious consequences for fish or other aquatic species. **Bonneville plans to use only those**

herbicides that are practically non-toxic to slightly toxic (shown in Table VI-7) near watery environments where fish or other aquatic species may reside.

The following mitigation measures would apply for fish and aquatic species.

- Apply all appropriate mitigation measures outlined in the **Water** section of this chapter.
- Apply all appropriate T& E mitigation measures outlined in **Wildlife** section of this chapter.
- (Bonneville is currently in consultation with NMFS and the USF&W Service for T&E anadromous and resident fish species. Protocols developed through this consultation shall be applied to vegetation management activities.)

Wildlife

Please see Table VI-7 (page 185) for the toxicity ratings of the proposed specific herbicides on mammals and birds.

Table VI-6: Herbicide Toxic Ratings for Mammals and Birds

Risk Category	Mammals (Acute Oral mg/kg)	Birds (Acute Oral mg/kg)	Birds (Dietary mg/kg)
Very Highly Toxic	<10	<10	<50
Highly Toxic	10 – 50	10 – 50	50 – 500
Moderately Toxic	51 – 500	51 – 500	501 – 1,000
Slightly Toxic	501 – 2,000	501 – 2,000	1,000 – 5,000
Practically Non-toxic	>2,000	>2,000	>5,000

< means "less than" > means "more than"

The following mitigation measures would apply for wildlife species.

- Coordinate with state departments of fish and wildlife or the appropriate federal agency for potential impacts on and mitigation measures for locally listed T&E or sensitive species.
- Apply mitigation measures (such as timing restrictions, or specific method use) resulting from determinations or consultations.

Agriculture

The following mitigation measures would apply to agricultural areas.

Mitigation Measures

- *For rights-of-way adjacent to agricultural fields*, observe appropriate buffer zones necessary to ensure that no drift will affect crops.
- *If using herbicides near crops for consumption*, comply with herbicide-free buffer zones, if any, as per label instructions.
- *For rights-of-way near organic farms*, observe appropriate buffer zones, or provide for the owner to maintain the right-of-way, by way of a vegetation management agreement.

Residential/Commercial or Industrial Areas

- The following mitigation measures would apply in residential/ commercial or industrial areas.
- Evaluate, generally, existing land uses (e.g., agriculture, residential) along a right-of-way or surrounding a facility needing vegetation control to determine any constraints on vegetation control.

- *To the extent practicable*, identify casual informal use of the right-of-way by non-owner publics to determine any constraints on vegetation control.
- Determine, generally, landowners or land managers (e.g., private residential, timber company, Federal, state) in or around the facility needing vegetation control.
- Determine whether there are any existing landowner agreements with provisions that need to be followed regarding the vegetation maintenance of a specific portion of line.
- Determine whether there are *other* potentially affected people or agencies that need to be notified or coordinated with; determine appropriate method(s) of notification and coordination.

City, County, and State Lands

Cities, counties and states might have their own plans or require- ments for managing vegetation or for the use of herbicides. If those plans are consistent with the Federal requirements to which Bonneville would adhere, then there would be no conflict. If they are much more stringent, then there might be conflicts in management.

Worker Health and Safety

The following mitigation measures would apply for worker health and safety.

- Ensure that all herbicide applicators have received training and are licensed in appropriate application categories.
- Follow all herbicide label and material safety data sheet (MSDS) instructions regarding worker safety standards. These include the following:
  - Wear appropriate protective equipment;
  - Do not eat, drink, or smoke when handling herbicides;
  - Avoid spilling herbicides on skin or clothing (promptly change any clothing substantially contaminated by a herbicide);
  - Cleaning and wash protective equipment daily;
  - Have ready access to clean water and first aid supplies;
  - Have access to emergency medical facilities; and
  - Observe specified restricted entry intervals.
- Use self-contained herbicide handling equipment when appropriate and available to reduce worker exposure during herbicide mixing and handling.

Public Health and Safety

The following mitigation measures would apply for public health and safety:

- Evaluate, generally, existing land uses (e.g., agriculture, residential) along a right-of-way or surrounding a facility needing vegetation control to determine any constraints on vegetation control.
- *To the extent practicable*, identify casual informal use of the right-of-way by non-owner publics to determine any constraints on vegetation control.
- Determine, generally, landowners or land managers (e.g., private residential, timber company, Federal, state) in or around the facility needing vegetation control.

- Determine whether there are *other* potentially affected people or agencies that need to be notified or coordinated with; determine appropriate method(s) of notification and coordination.
- Protect drinking water sources by following all buffer zone restrictions.
- *If using herbicides*, ensure that treated areas are posted and re-entry intervals are specified and enforced in accordance with label instructions.
- Ensure that all herbicide applicators have received training and are licensed in appropriate application categories.
- Follow all herbicide label and MSDS instructions regarding mixing and application standards to reduce potential exposure to the public through drift and misapplication.

Ensure the use of EPA-approved herbicides that have been reviewed by Bonneville for effectiveness and environmental considerations.

- *If using herbicides near crops for consumption*, comply with herbicide-free buffer zones, if any, as per label instructions.
- Never leave herbicides or equipment unattended in unrestricted access areas.
- Closely follow all equipment cleaning standards required by the herbicide label.
- In the event of a spill, immediately notify potentially affected parties.

SITE SPECIFIC MITIGATION MEASURES

(These measures apply to the entire site regardless of vegetation management category, unless otherwise noted)

A.
GROUNDWATER AND SURFACEWATER PROTECTION

Do not apply any chemical having a groundwater or surfacewater label advisory. Do not apply granular formulated chemicals.

B.
GROUNDWATER PROTECTION

Do not apply any chemical having a groundwater advisory

C.
SURFACEWATER RUNOFF PROTECTION

Do not apply any chemical having a surfacewater label advisory. Do not apply granular formulated chemicals.

D.
AQUATIC SPECIES PROTECTION

Do not apply any chemical that is moderately toxic or above to aquatic species

E.
AQUATIC HABITAT PROTECTION

No chemical or mechanical treatment without prior ESA consultation.

F.
SEASONAL WATER BODY DRAINAGE PROTECTION

Do not apply any chemical when water is present.

G.
CONTAINMENT POND/LAGOON

Do not apply any chemical within liner. Application of glyphosate allowed between liner and enclosed fence.

H.
AGRICULTURAL LEASE

Contact BPA's Regional Realty specialist for entry requirements and treatment prescriptions.

I.
DRINKING WATER WELL/SOURCE

No herbicide application will be made within a radius of 50 meters (164 feet) for any herbicide having a groundwater/surfacewater label advisory, or, a 15 meter (50 feet) radius for all other approved herbicides that do not have any such label advisories.

Revision: *Original*
Affected Organization: *KE, TF, TE*

Approved: */s/ Joseph C. Sharpe*
Manager, Pollution Prevention and Abatement

STANDARD: All oil and hazardous substance spills (releases), regardless of size, shall be reported to BPA's Office of Pollution Prevention and Abatement.

The purpose of this Environmental Standard and Procedure is to outline spill reporting requirements to ensure that all spills on the BPA system are properly documented, reported, assessed and cleaned up.

1.0 Background

The Bonneville Power Administration (BPA) has a variety of oil-filled equipment and hazardous substances located throughout its system of facilities. It is inevitable that from time to time, facilities will experience occasional releases. A release is defined as: Any amount of oil or hazardous substance released to air, water or soil by accidental or intentional catastrophic equipment failure, spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment.

Federal and State environmental laws require parties responsible for releases to the environment to:

- Conduct an assessment to determine potential effects to environmental resources;
- Report spills/releases greater than reportable quantities to regulatory agencies;
- Conduct timely and effective cleanup of oil or hazardous substances;
- Restore damaged environmental/natural resources; and
- Take steps to prevent re-occurrence of spills/releases.

BPA's Office of Pollution Prevention and Abatement (PP&A) is responsible for assuring that the above measures are completed as necessary for any release occurring at BPA facilities. Therefore, BPA employees are responsible for reporting ***all*** oil or hazardous substance releases to PP&A so that the above assessment, reporting and cleanup/restoration requirements can be achieved.

2.0 Procedures

All spills (except for oil-filled equipment leaks) will follow the below listed procedures. Oil-filled equipment leaks will be reported to Pollution Prevention and Abatement through the Substation Operators equipment inspection process.

In the case of an oil or hazardous substance spill, trained BPA personnel should:

1. Immediately implement the site's Spill Prevention Control and Countermeasure (SPCC) plan
2. If no plan exists, make reasonable efforts to abate and stop a continuing spill and contain the spilled material.
3. Immediately upon discovery or after containment has been achieved; notify the District Environmental Lead or the Office of Pollution Prevention and Abatement. (See Attachment for contact information). Be prepared to provide the following information:

- o Name and address of facility
- o Date, time, and type/cause of incident
- o Quantity and type of material released
- o Extent of incident

4. Clean up the spilled material and properly dispose of the waste. (Technical assistance will be provided by the District Environmental Lead)

Using the information provided, PP&A personnel will:

1. Determine if the spill is a reportable quantity spill and make appropriate regulatory notifications, if needed.
2. Provide technical assistance with spill response and containment.
3. Assess environmental impacts and determine extent of cleanup necessary.
4. Assist with or oversee environmental cleanup and restoration, if necessary.
5. Prepare spill logs, cleanup reports and other regulatory required documentation.

3.0 Related Documentation

Resource Conservation and Recovery Act
Toxic Substances Control Act
Clean Water Act
Comprehensive Environmental Response Compensation and Liability Act
Superfund Amendment Reauthorization Act
Oregon Administrative Rules
Washington Administrative Code
Idaho Administrative Rules
Montana Administrative Code

Attachment: Spill Reporting ESP # E-SPR-001

BPA SPILL RESPONSE AND NOTIFICATION PROCEDURES

STEP #1- Upon discovery or occurrence of a spill, work activities in the immediate area shall cease and spill response procedures initiated promptly. Spill response guidance can be found in the substation SPCC plan. Take appropriate measures to secure the area and stop the discharge to the extent possible. Procure manpower and materials as necessary to control the release.

STEP #2- Immediately notify District Environmental personnel. Note: Environment needs to be notified of ALL spills. If a District Environmental contact cannot be reached, contact an Environmental Manager. Environment will provide technical assistance as needed and ensure compliance with regulatory notification requirements. Technical assistance may include spill response activities, cleanup activities, sampling, waste disposal, etc.

STEP #3- Cleanup the spilled material. Place all contaminated materials (soil, absorbents, disposable clothing) in waste disposal drums or plastic bags. Larger amounts of soil/rock that cannot be drummed shall be placed on plastic sheeting and covered.

STEP #4- Dispose of the waste. Collected spill materials shall be disposed of in accordance with applicable Federal and state requirements. Contact the District Environmental lead for technical assistance.

Updated Environmental Emergency Contacts are located on Pollution Prevention and Abatement's share point site:

http://bpaweb/sites/ppaateam/Lists/Pollution%20Prevention%20and%20Abatement%20Contacts/PPA%20Emergency%20Contacts.aspx

DISTRICT ENVIRONMENTAL CONTACTS

DISTRICT	ENVIRONMENTAL SPECIALIST	PHONE NUMBERS	
SALEM EUGENE	BRETT SHERER	Office: (503) 230-3928 Home: (503) 842-3974	Cell: (503) 803-9380
TRI-CITIES	SHAWN BARNDT	Office: (509) 542-5437 Home:	Cell: (503) 880-4822
THE DALLES REDMOND IDAHO FALLS	FRED WALASAVAGE	Office: (541) 296-4694 Ext. # 181 Home: (541) 296-6124	Cell: (541) 980-2503
SNOHOMISH COVINGTON	CHAD BROWNING	Office: (253) 638-7431 Home:	Cell: (503) 793-8120
OLYMPIA LONGVIEW	GREG TIPPETTS	Office: (360) 570-4338 Home: (360) 493-0707	Cell: (360) 951-4464
SPOKANE WENATCHEE KALISPELL	MICHAEL ROSALES	Office: (509) 358-7471 Home: (509) 468-0369	Cell: (509) 994-9239
ROSS COMPLEX	LEE COSTANZO	Office: (360) 418-2443 Home: (503) 693-9372	Cell: (360) 907-0357
BPA HQ BPA HANGER (PDX)	AARON SHURTLIFF	Office: (503) 230-5376 Home: (503) 807-2509	Cell: (971) 2196496

ENVIRONMENTAL MANAGERS

JOSEPH SHARPE MGR., POLLUTION PREVENTION & ABATEMENT	Office: (503) 230-3654	Cell: (503) 313-4176
STUART HUGILL ENVIRONMENTAL SUPERVISOR	Office: (503) 230-5963	Cell: (503) 807-5306
PHIL SMITH MGR., TECHNICAL & REGIONAL SERVICES	Office: (503) 230-3294 Home: (503) 788-3721	Cell: (971) 219-6496

BPA F 5462.05e
(12-2022)

U.S. DEPARTMENT OF ENERGY-BONNEVILLE POWER ADMINISTRATION (BPA)

HERBICIDE APPLICATION RECORD

This form must be completed the same day as the application and must be retained for 7 years.

Part 1

1. Date of Application (MM/DD/YYYY):	2. Application Requested by
3. Applicator Name:	4. BPA or State Certification Number:

5. Names of noncertified applicators supervised:

Part 2

6. Herbicide Information (list all information for each pesticide, including adjuvants (buffer, surfactant, etc.) in the tank mix:

a) Full Product Name	b) EPA Registration Number	c) Concentration

Part 3

7. Application Equipment Used:

8. Record the Following Information for the Specific Conditions During Each Applications:

a) Site Name	b) Site Type	c) Veg. Treated	d) Amount Applied	e) Area Treated	f) Start Time	g) Stop Time	h) Temp.	i) Wind
	Choose	Choose						
	Choose	Choose						
	Choose	Choose						
	Choose	Choose						
	Choose	Choose						

9. Comments:

File Code: ER-1200; Retention: Destroy no sooner than 7 years after the records are closed.

BPA F 5462.05e
(12-2022)

U.S. DEPARTMENT OF ENERGY-BONNEVILLE POWER ADMINISTRATION (BPA)

HERBICIDE APPLICATION RECORD

Application Record Instructions

BPA certified applicators are required to keep routine operational records of pesticide use including kinds, amounts, uses, dates, and places of application for restricted use pesticides and non-restricted use pesticides. BPA certification does not permit a certified employee to supervise the application of Restricted Use Pesticides by non-certified individuals. Records must be retained for at least seven years. Records will be retained in the appropriate BPA District Office. Records will be available to appropriate EPA or State officials for review upon request.

Part 1

1. Date of Application: Use a new form for each additional day.

2. Application Requested by: First and Last Name and Position Title, e.g. Jane Doe, Chief Substation Operator.

3. Applicator Name: First and Last Name of applicator with valid certification under the BPA or State Pesticide Applicator Certification Program.

4. BPA or State Certification Number: Number from the credential or certificate provided upon passing the certification exam.

5. Names of Noncertified Applicators Supervised: Restricted Use Pesticides may only be applied by certified applicators. A BPA-certified applicator may supervise non-certified individuals in the application of non-restricted use pesticides, including applications using power equipment. State certified applicators must follow state supervision requirements.

Part 2

6. Herbicide Information:

a) Brand name found on the herbicide label including adjuvants (buffer, spreader, sticker, surfactant, etc.) in the tank mix.

b) EPA Registration Number found on the pesticide container label. If the material is an adjuvant, write "adjuvant" in this space.

c) Concentration may be listed in various ways, such as amount of product/100 gallons of water, percent formulation in the tank mix (e.g. 1%), or gallons per acre of output volume (e.g. GPA).

Part 3

7. Application Equipment Used: Describe power equipment/apparatus used.

8. Record the Following Information for the Specific Conditions During Each Applications:

a) Site Name: Indicate Facility Name, Switch Number, Transmission Line Span (including structure numbers), etc.

b) Site Type: Indicate: **E**: Electrical Yard, **NE**: Non-Electrical, **SW**: Switch Platform, **LS**: Landscaping, **ROW**: Right-of-Way

c) Veg. Treated: Indicate type(s) of vegetation treated: **BG**: Bare Ground, **NOX**: Noxious Weeds, **G**: Grass, **BL**: Broad Leaf, **T/S**: Trees and Shrubs

d) Amount Applied: Total amount (volume) of mix applied.

e) Area Treated: Area treated may also be stated in terms of acres, square feet, linear feet, etc. Specify the unit to which the number refers. If spot treatment, write "Spot Treatment."

f) Start time (A.M./P.M./24-hr.)

g) Stop time (A.M./P.M./24-hr.)

h) Indicate temperature in degrees Fahrenheit (may be indicated as a range encountered during application). Temperature readings must be obtained in close proximity to the application site.

i) Indicate the direction from which the wind is blowing. Approximate wind velocity in MPH. If the wind varies in direction and velocity during application indicate range of variance. Wind readings must be obtained in close proximity to the application site.

MPH	Observations
0-1	Smoke rises vertically
1-3	Smoke drifts
4-7	Wind felt on face, leaves rustle
8-12	Leaves and small twigs in constant motion
13-18	Raises dust
19-24	Small trees in leaf begin to sway
25+	Large branches in motion

Performance Work Statement (PWS)
Bare Ground Vegetation Control –
Substations, Switchyards, and Microwave Sites & other identified areas

1. GENERAL

This contract is for the implementation of the bare ground vegetation management program for facilities located within Bonneville Power Administration's (BPA) 13 Operations and Maintenance Districts shown in Exhibit 1 (BPA Operations and Maintenance District Map):

Snohomish District	Covington District
Olympia District	Longview District
Salem District	Eugene District
The Dalles District	Redmond District
Spokane District	Tri-Cities District
Kalispell District	Idaho Falls District
Wenatchee District	

The Contractor will be responsible for providing a continual, vegetation-free environment in all areas where herbicide is applied within these facilities. The Contractor will be the professional resource to apply and determine where the most practical and effective treatment combinations are required, within the parameters of this document, to achieve a vegetation-free environment. Warranty work will be based on the approved herbicides allowed to be applied for each site (substation, switchyard, etc.). Due to potentially limited choices of herbicide that can be used, warranty work will only cover the species that can be eradicated by the herbicides approved for the site. If vegetation is found post-treatment in any site included in this Contract, and the herbicide(s) used or are on an approved list, are not designed to eradicate the species observed, warranty work does not apply. Where that occurs, any rework scheduled to treat vegetation not designed to be eradicated by approved herbicides will be compensated by BPA per the schedule of prices on the negotiated daily rate line item.

Contractor will be required to come back and reapply herbicide at request of BPA at Contractor expense if breakthrough occurs in areas where herbicide has been applied. This assumes all expenses related to application. The Contractor will provide all follow-up reviews and inspections to assure that this Contract is performed to the standards contained herein. Contractor will be required to provide a Quality Control (QC) plan upon Contract award.

2. SCOPE / TECHNICAL

2.1. Coordination / Notifications

2.1.1. The Contractor will coordinate with the Chief Operator of the respective district to determine appropriate schedules and clearances.

2.1.2. Contractor will use a BPA approved Safety Watcher See Exhibit 2 (Potential Safety Watching Service Providers) for the current list of BPA-Approved Contract Safety Watchers. Upon availability, BPA may provide a Safety Watcher. Contractor to coordinate with the District and Contracting Officer's Representative (COR) to confirm availability. The Contractor will contact the District's Chief Substation Operator at least sixty (60) days prior to treatments (exception for base year in which case within two (2) weeks after contract award, and no less than forty-five (45) days prior to commencing work) to schedule a BPA supplied safety watcher if available as determined by the District's Chief Substation Operator.

2.1.3. A BPA representative (Substation Maintenance Staff) or Contract Safety Watcher, approved by the COR at each site, will provide access to each facility (some facilities, such as switch platforms, may be publicly accessible) that requires an escort for entry. Some electrical equipment (capacitor yards) within substation grounds may require a clearance prior to applications being performed.

2.1.4. If directed by COR, Contractor shall submit a request to BPA's Office of Pollution Prevention and Abatement (PP&A) to treat vegetation growing inside identified containment liners, identified storm water features, or other areas that may impact sensitive resources with a Contractor-proposed herbicide mix. The mix cannot be applied until approved in writing by PP&A, and in accordance with any associated specific conditions.

Initial application of this mix is not considered warranty work and the Contractor to follow corrective maintenance plan. Any subsequent applications in treated areas will be covered under guarantee in Deliverable Section 6.1.3.

2.1.5. Within two weeks of Contract award, the Contractor will notify the designated COR or Field Inspector, and the District's Chief Substation Operator of their planned schedule for herbicide application to coordinate a Safety Watcher plan. Coordination must occur at minimum 6 months prior to work initiation to assure compliance with outage scheduling unless agreed to by the COR and Chief Substation Operator. Schedules will be cross-referenced with planned Construction work and may require modifications as to not interrupt on-going projects.

2.1.6. In October for each year of the Contract, the Contractor will notify the COR or Field Inspector and the District's Chief Substation Operator, of their planned six (6) month schedule for herbicide application. At ninety (90) days prior to work initiation, Contractor to reaffirm outage scheduling and staff availability for Safety Watcher activities with the District's Chief Substation Operator and confirm finalized plan with COR, or Field Inspector. Schedules will also be cross-referenced with planned Construction work and may require modifications as to not interrupt on-going projects.

2.1.7. The Contractor is to obtain permissions from private landowners and/or occupants prior to entering, or taking water from, their property. Contractor assumes all responsibility to acquire and the handling of the permissions thereof.

2.1.8. The COR, or his Field Inspector, without prior notification, may test the product(s) being applied to substation yards for content and strength at any time during application. Failure to perform herbicide application to manufacturer's label recommendations may result in all work being stopped.

Performance Measurement Matrix for Notification/Coordination subsection.

2.1.9. Notifications and Coordination performance measurements: Contractors will be evaluated on the coordination of their communicated Work Schedule, providing at minimum *six (6) months pre-work notification schedule, and communication in planning/scheduling rework activities *(*with exception to Base Year*).

Scheduling / Notifications / Coordination		Measurement / Mitigation
All notifications and coordination items are met prior to their deadline (*exception is base year*)	Excellent	N/A
All notifications and coordination items are met by their deadline (*exception is base year*)	Good	At discretion of COR, areas of improvement can be identified prior to exercising of upcoming option year on the contract. Subject to issue, Contractor resolved issue(s) to BPA's satisfaction within time agreed upon (less than two (2) weeks from proposed deadline).
All notifications and coordination items are met within a reasonable delay within three (3) weeks of proposed deadline (*exception is base year*)	Poor	Contracting Officer (CO) and COR will evaluate performance on this item and work with the Contractor to increase performance and identify performance measures that track this item moving forward prior to exercising upcoming option year.
All notifications and coordination items are unable to be met within a reasonable delay greater than three (3) weeks of proposed deadline (*exception is base year*)	Unacceptable	Contractor may be issued a stop work order until issue is resolved. CO and Contractor to develop immediate mitigation measures.

2.2. Herbicide Application

2.2.1. The Contractor will furnish all equipment, tools, and herbicides; drift control agents, additives, supplies, transportation, and labor required for the successful execution of this contract, according to the specifications, provisions and attachments contained herein.

2.2.2. The Contractor will apply herbicides (and other approved necessary products/methods) to the list of facilities identified in this PWS. Facilities include substations, microwave sites, and field switch platform locations. The Contractor shall not sub-contract herbicide application under this contract. Facilities are listed in Exhibit 3 (Facilities List).

2.2.3. The Contractor to use the appropriate herbicide regime to manage all vegetation in areas identified as bare ground or gravel, colored blue on Vegetation Management Site Plan drawings that will be supplied to Contractor upon award. The Contractor shall not apply herbicide within or above oil spill containment liners, catch basins, or other storm water features, colored red on Vegetation Management Site Plan drawings, without review and approval from the PP&A (see Section 3.1.11). The primary treatment method will be broadcast residual herbicide application. This does not preclude the use of other methods of vegetation management. Foliar herbicide, manual, mechanical and other methods may be needed to satisfy the requirements of this Contract. Several facilities have sensitive environmental resources on or adjacent to the facility and can be located on federal lands that may have further restrictions on the use of residual herbicides. The Contractor will develop a written herbicide management plan also known as the Quality Control Plan (QCP) detailing how they will maintain a vegetation-free environment under those limitations. This program will be submitted to BPA as per Deliverable Section 3.1.2.

2.2.4. At substation locations, the Contractor to apply all herbicide products inside the substation fence and an additional ten (10) foot perimeter outside the fence. Where high-security perimeter fencing prevents spraying through the fence, the Contractor to spray the ten (10) foot perimeter from outside the fence. The Contractor to be mindful and ensure that the herbicide products do not spray beyond the exterior ten (10) foot distance. At switchyard platforms, vegetation will be managed to eliminate contact with the platforms, ground rods and surrounding areas, and may include driveways, parking areas, and field switching areas. Acreages at each switch platform location will vary.

2.2.5. Contractor to remove excessive tumbleweeds and other biological debris that has built up within the substation and around perimeter fence due to insufficient maintenance. This work does not include removal of normal levels of tumbleweeds and other debris that has built up within the substation and around the perimeter following maintenance that must be removed to allow herbicide application.

2.2.6. At times, weeds and other debris will blow into the control areas and along fences. Application of herbicides over this debris has shown to be ineffective. The Contractor is required to remove this debris from treatment areas before applications are performed.

2.2.7. Do not apply herbicide directly on to electrical equipment, including all: cabinets, switches, switchboxes, control panels, conduit, standpipes, stantions, grounding equipment, etc., that contains, or may contain, wires, breakers, switches, meters, gauges, etc., and all handles for opening or operating such. Electrical equipment also includes all gates, buildings, tools and toolboxes. Minimal overspray on concrete and metal tower legs is allowable as long as it is not on electrical equipment and is No spray vehicle will be allowed to maneuver within the Minimum Approach Distance (MAD) of energized equipment and without the full attention of BPA Qualified Electrical Worker personnel (yellow hat) or a BPA approved Safety Watcher provided by the Contractor.

2.2.8. The Contractor is required to immediately and safely clean all overspray off electrical equipment under the supervision of a Safety Watcher before leaving the site. If overspray is discovered on electrical equipment after the Contractor leaves, they shall return to the site and clean the electrical equipment under the supervision of a Safety Watcher at their own expense.

Performance Measurement Matrix for Herbicide Application subsection.

2.2.9. Herbicide Application and Planning performance measurements. Contractors will be evaluated how they: transport, handle, apply approved herbicides (including applying at allowable concentrations to maximize vegetation control), apply herbicide in approved areas and not in restricted areas for each site per substation maps, removed tumbleweeds or other debris within and along substation fences, and their written QCP detailing how they will maintain a vegetation-free environment within covered facilities.

Herbicide Regime		Measurement / Mitigation
The Contractor used the appropriate	Excellent	N/A

herbicide regime, and method of application to manage all vegetation in areas identified as bare ground or gravel (colored blue) on Vegetation Management Site Plan Maps and in accordance with the Site-Specific Mitigation Measures, and all facilities. *Oil Spill Containment Liner-The Contractor did not apply herbicide within or above oil spill containment liners, catch basins, or other storm water features, colored red on Vegetation Management Site Plan drawings, without review and approval from the BPA's office of Pollution Prevention and Abatement (PP&A) (see Section 3.1.11)		
The Contractor used the appropriate herbicide regime, and method of application, to manage all vegetation in areas identified as bare ground or gravel (colored blue) on Vegetation Management Site Plan Maps and in accordance with the Site-Specific Mitigation Measures, and all facilities.	Good	COR can identify areas that meet expectations and consult ways to improve.
The Contractor failed to use the appropriate herbicide regime, and method of application to manage all vegetation in areas identified as bare ground or gravel (colored blue) on Vegetation Management Site Plan Maps and/or in accordance with the Site-Specific Mitigation Measures in one facility (switchyard, microwave site, etc.).	Poor	Contractor must use the appropriate herbicide regime, and method of application, to manage all vegetation in areas identified as bare ground or gravel (colored blue) on Vegetation Management Site Plan Maps and in accordance with the Site-Specific Mitigation Measures.
The Contractor failed to use the appropriate herbicide regime to manage all vegetation in areas identified as bare ground or gravel (colored blue) on Vegetation Management Site Plan Maps and/or in accordance with the Site-Specific Mitigation Measures in two or more facilities (switchyards, microwave sites, etc.). Or the Contractor applied herbicide in any oil spill containment liners, catch basins, or other storm water features, colored red on Vegetation Management Site Plan drawings, without review and approval from the BPA's PP&A (see Section 3.1.11)	Unacceptable	Contractor must use the appropriate herbicide regime, and method of application, to manage all vegetation in areas identified as bare ground or gravel (colored blue) on Vegetation Management Site Plan Maps and in accordance with the Site-Specific Mitigation Measures. *Oil Spill Containment Liner- Contractor must develop and implement a plan prior to applying herbicide in substations with oil spill containment liners, catch basins, or other storm water features to ensure herbicide is not applied within such features without prior approval from PP&A for doing so.

2.3. Inspections and Audits

2.3.1. The COR or Field Inspector will meet or make contact with the Contractor to discuss activities and the plans for treatment. No work will be performed on the weekends and/or holidays, unless special conditions require work outside of normal hours, such as spraying near District headquarters during off hours, and with the approval of the COR or Field Inspector. Contractor to notify COR or Field Inspector at minimum two (2) business days prior to working a conformed schedule.

2.3.2. The COR or Field Inspector, and/or representative from the PP&A, may perform announced or unannounced reviews or audits of the Contractor's compliance with contract requirements and environmental mitigation measures. The Contractor is expected to cooperate with reviews and/or audits to ensure compliance is being adhered to. The Vegetation Management Environmental Audit Form (Exhibit 4 - Environmental Audit Form), or similar form may be used to document compliance. Findings will be shared with the Contractor and provided to the CO, COR and other necessary BPA personnel. The Contractor is expected to remedy any deficiencies within five (5) business days or as agreed-upon by the Contractor and CO.

3. LAWS AND ENVIRONMENTAL PROTECTION

3.1.1. Contractor to obtain all necessary licenses and permits. Herbicide applicator employees shall have appropriate State Herbicide Applicator's License(s).

3.1.2. All herbicide application work must be completed by, or under the supervision of, an individual with a valid herbicide license (as identified in the Key Personnel) required by state law and provide the license upon request for BPA inspection(s). A copy of this license is to be furnished to the COR prior to starting work. The Contractor shall conduct all operations and public contacts in a manner creditable to the Government and the Contractor.

3.1.3. The Contractor to apply herbicides in accordance with the label(s) and consistent with standard industry practices. All herbicides, applications, mixtures, and adjuvants utilized, must be consistent with BPA's List of Approved Herbicides (See Exhibit 5 - List of Approved Herbicides) and the Site-Specific Mitigation Spreadsheet (See Exhibit 6 - SS Mitigation).

3.1.4. The Contractor will select the herbicide product to be used (in accordance with the approved herbicide list in Exhibit 5), rotating the group number selection as necessary to prevent herbicide resistance evolving in vegetative species as identified in the Contractor's herbicide application plan as noted in the QCP. Information on past applications may be available from the COR upon request.

3.1.5. Herbicide application rates and mixes is the responsibility of the Contractor. In no case will the mixtures exceed the label rates for a particular herbicide or herbicide formulation. Certain facilities may have restrictions/mitigations that limit options for herbicide use. The Contractor is to coordinate with the COR to determine herbicide application rates and mixes at these sites. Additional guidelines for application rates and mixes are contained in Exhibit 7 (Herbicide Mitigation Measures Substation).

3.1.6. Prior to any herbicide application(s), the Contractor is to thoroughly review the project area, along with substation vegetation management drawings and associated environmental documentation to identify and mark, if necessary, any buffer requirements, specific herbicide restrictions, or other mitigations/restrictions identified. This would include marking the perimeters of any containment liner not already marked by BPA. Contractors to use the most current Vegetation Management Site Plan drawing for each substation (or other drawings identified by the COR), to determine the location and dimensions of the containment liners. Contractor will use utility marker spray paint (color coordinated by the District) in color determined by the District's Chief Substation Operator or COR. The Contractor is to adhere to the restrictions and/or mitigations identified in the contract documentation. Current substation vegetation drawings will be supplied in the contract documentation, identifying specific areas of treatment and restrictions on herbicide use due to the presence of sensitive resources (i.e. water, wells, vaults, secondary containment). Restrictions on herbicide use are further detailed in Exhibit 6 and are to be applied to the substation management drawings.

3.1.7. Contractor to follow all weather restriction requirements and will observe all label, Federal, State, and local weather requirements relating to herbicide applications. No applications are allowed during periods of excessive moisture or wind, when drift or movement of the chemical off site (including runoff) cannot be prevented, or during periods of low visibility (darkness or fog). The Contractor is responsible for making adjustments to schedule(s) to assure compliance is maintained.

3.1.8. Contractor to follow product label directions, as required by the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), including "mandatory" statements (such as registered uses, maximum use rates, application restrictions, worker safety standards, environmental hazards, weather restrictions, and equipment cleaning).

3.1.9. Contractor to follow all product label “advisory” statements (such as techniques for mixing, applying and cleaning within the mandatory requirements, recommendations for protection clothing, guidelines for differing soil types, etc.).

3.1.10. Contractor to have a copy each herbicide label and Safety Data Sheet (SDS) of products in use at work sites during all mixing and applications. Contractor to use drift reduction agents, as appropriate, to reduce the drift hazard when applying herbicides as broadcast or localized foliar treatments.

3.1.11. All herbicide applications to be applied using liquid formulations in substations and microwave sites. Granular formulations may be applied, but only after prior approval from the COR. Switchyard platforms may be managed with liquid and/or dry (pelletized) herbicide formulations. Contractor may propose new products or use areas, such as glyphosate and Imazapyr or similar mixes for use in containment liners, to the PP&A ‘s designated point of contact for review prior to application. The new products may be used, with the COR’s approval, and after review and approval from PP&A. BPA reserves the right to revise its Approved Herbicide List during any option performance year in the contract. Any updated list will be provided to the Contractor at adoption of new list. In addition to the containment liners marked above, the Contractor is to identify each of the facilities’ catch basins, outfalls, and utility vaults to ensure no herbicides enter drainage or containment systems. The Contractor may elect to cover the entry points to these systems to ensure no exposure to chemical formulations. If unable to locate drains, the Contractor is to contact the COR and/or District’s Substation Operator for help locating the drain. These systems may have buffer requirements for certain chemicals or may require “non-surface advisory warning(s)” herbicides identified by substation vegetation management drawings. See Exhibit 8 (EIS Site Specific Mitigation Measures) for direction on applications at or adjacent to these systems. Substation Vegetation Management Drawings will be provided upon award if not included as exhibits to the contract.

3.1.12. Contractor shall not apply herbicide in any stream, wetland, standing water, or any body of water. Note, some facilities may have standing water at certain times of the year. No applications can be made to portions of facilities with standing water present. Contractor will need to return and apply herbicide to all portions of facilities where herbicide cannot be treated due to standing water during initial treatment(s). Contractor to coordinate with the District’s Chief Substation Operator to reschedule when herbicide application in skipped areas will occur and notify the COR or Field Inspector of scheduling change(s). Rescheduling may include entire substation if in the best interest of the District.

Note: Do not apply soil residual herbicides in such a manner, or under conditions (such as when soils are saturated after significant precipitation events or when soil-saturating precipitation is forecast within 12 hours), that could potentially result in direct or indirect contamination of oil spill containment systems, subsurface storm water drainage systems, storm water retention features, on-/off-site sensitive areas/resources, or adjacent properties.

3.1.13. Contractor to use appropriate anti-siphon devices/methods when filling herbicide tanks from any water sources.

3.1.14. Contractor to ensure all mixing and loading areas for herbicide control are at least 250 feet from any waterway, well, or wetland areas.

3.1.15. The Contractor shall immediately notify BPA and appropriate Federal/State agencies of any potential misapplication, and of all spills, chemical or otherwise. Any clean up and/or remedy misapplications due to Contractor negligence or misapplication will be at Contractor's expense.

3.1.16. Contractor will clean up all spills immediately, and remedy misapplications within an agreed-upon time frame and in accordance with the appropriate regulations. Refer to the facility’s Spill Prevention, Control and Countermeasure (SPCC) plan in the event of a petroleum spill (located inside each substation facility (some facilities do not have SPCC plans)). For herbicide spills, refer to the chemical’s SDS for appropriate spill response procedures. Contractor and applicable personnel will be required to cooperate with any BPA or State investigation surrounding any potential misapplication or spill. See Exhibit 9 (Spill Prevention and Response) for BPA’s protocol for spill response.

3.1.17. Contractor is to empty all herbicide containers which are triple rinsed and dispose them in accordance with applicable state and county regulations. No empty containers will be disposed of on BPA property. The Contractor is responsible for removal, from BPA property, all litter and/or garbage generated by the Contractor, his employees or representatives.

Performance Measurement Matrix for Laws and Environmental Protection subsection.

3.1.18. Laws and Environmental Protection measurements. Contractors will be evaluated on their adherence to all laws and environmental protection mitigation measures applicable to the work performed per this PWS.

Laws and Environmental Protection		Measurement / Mitigation
Contractor followed all product labels, laws and environmental protection measures, made suggestions for improvement that were accepted and implemented with BPA approval	Excellent	
Contractor followed all product labels, laws and environmental protection measures	Good	COR can review any concerns or potential borderline issues with Contractor.
Contractor did not follow all product labels, laws and environmental protection measures but remediated timely	Poor	COR will inform Contractor of violations and will work will all applicable parties to remediate issues immediately.
Contractor did not follow all product labels, laws and environmental protection measures and did not remediate	Unacceptable	CO will inform Contractor to stop work and review violations with all applicable parties. After review and consultation, it will be determined what remedial actions will be needed to restart work or terminate contract.

4. RECORD-KEEPING

4.1.1. A Daily Herbicide Application Log is to be completed for each facility at the time of application and submitted to the COR along with payment and invoice documents. No payment will be made for any work not documented by a Herbicide Application Record BPA Form 5462.05e or equivalent (See Exhibit 10 - Herbicide Application Record BPA Form 5462.05e).

4.1.2. Contractor is responsible for submitting appropriate herbicide information on all applications to the State(s) that applications were made, as outlined in State regulations.

4.1.3. Contractor is responsible for retaining records for the period of time required by the State in which the application was made. BPA may request specific records at any time within the State's record retention period even if the contract's performance period has elapsed.

5. ADDITIONAL INFORMATION

5.1.1. Contractor is required to follow all applicable BPA regulations pertaining to entry and applicable safety rules. Contractor is required to have a Safety Plan (SP) approved by BPA before any work can begin. Contractor will be escorted by BPA Substation Operators or approved BPA Safety Watchers for access and security reasons. Contractor is required to follow Substation protocol as instructed in the Standards of Conduct.

6. DELIVERABLES

6.1.1. The Contractor will communicate directly with BPA Points of Contact (below) at least 6 months prior to treatments (exception for base year in which case within two weeks (2) after contract award, remembering 500kV substations require at least 6 month notice prior to work, and six (6) months prior to the month you want to work for spraying Capacitor yards) to properly schedule outages that may be required for significant equipment (i.e. Cap yards). Other scheduling issues may be pertinent to detail at that time (i.e. BPA supplied safety watchers, construction crews, Operations personnel availability, etc.).

6.1.2. The Contractor will submit a written plan to BPA at least sixty (60) days in advance of herbicide application (as soon as possible in event contract award is less than sixty (60) days prior to application) that includes specific details describing how they will ensure vegetation-free conditions within treated area. The plan

shall include: a list of all herbicides, mixtures, and adjuvants to be used to treat each site, plans for rotating herbicide choices, and how the herbicides are compatible for conditions at each site, and how the herbicides being applied are compatible with each other in the mix. The plan shall also describe how the Contractor will ensure label rates are not exceeded if multiple applications ae required.

6.1.3. The Contractor guarantees the substation yards to remain vegetation-free in all areas herbicide is allowed to be applied for the period of the contract (one calendar year). Any additional herbicide application or other treatments during this period will be performed at the Contractor's expense (exception is base year). Follow-up treatments may be necessary to maintain a vegetation-free environment for the duration of the contract (one calendar year). Inspections occur monthly at each facility by BPA personnel and communication will need to be maintained with Points of Contact per district to assure a continual vegetation-free environment.

6.1.4. The Contractor will maintain a Quality Control Program to ensure that all contractual requirements are met. The Contractor is responsible for performing or having performed all inspections necessary to substantiate that the supplies or services furnished under this contract conform to contract requirements. The program shall include follow-up treatments as local Operations personnel and/or the COR identify live vegetation.

6.1.5. Specific locations may require alternate treatments or restrict the use of certain herbicides (i.e. containing groundwater & surface water advisories). The Contractor is responsible for developing a vegetation treatment control plan within these restrictions while maintaining a vegetation-free environment for the duration of the Contract.

6.1.6. The Contractor will submit full completed daily application sheets for treatments performed within two (2) weeks following treatments. At a minimum, invoices shall include the following to be considered complete:

- Contract name
- Contract number
- TFBV Daily Herbicide Application Log or State equivalent (including start and end times, chemicals applied, quantities applied, etc.) **limit one site per page**
- Name and acreage of substations treated, and chemical(s) used
- Name and acreage of switches treated, and chemical(s) used
- Invoice for Safety Watcher Subcontractor (if BPA does not supply Safety Watcher)

Complete invoices shall be submitted to the following inbox: Vegmgmt@bpa.gov

Incomplete or illegible invoices will be returned to the Contractor.

7. SUMMARY OF REQUIREMENTS

1. Each site treated shall be free of all vegetation All local, state and federal laws regarding herbicide application will be followed.
2. All environmental protection measures will be followed.
3. All scheduling requirements will be met (excluding first year of Contract).
4. Work shall be completed to ensure safety of all personnel and equipment.
5. If any issue arises, it will be communicated to the COR immediately.
6. All Deliverables in Section 6.
7. All items and requirements in the Contract will be followed.

8. QUALITY CONTROL

The Contractor shall develop and maintain an effective Quality Control Plan (QCP) (for each applicable District) to ensure services are performed in accordance with this PWS. The Contractor shall develop and implement procedures to identify, prevent, and ensure nonrecurrence of defective services. The QCP shall be implemented within two weeks after contract award, a copy of a comprehensive written QCP shall be submitted to the CO

and COR within five (5) working days when changes are made thereafter. After acceptance of the QCP, the contractor shall receive the contracting officer's acceptance in writing of any proposed change to the QC system.

9. QUALITY ASSURANCE

BPA will evaluate the Contractor's performance under this contract in accordance with the performance objectives found in this PWS. It defines how the performance objectives will be applied, measured and applicable mitigation. BPA will:

1. Monitor and evaluate Contractor herbicide management services but will not apply or directly supervise herbicide application.
2. Inform the Contractor of banned herbicides by the BPA and will provide the herbicide Contractor with an approved list of herbicides (See Exhibit 5).
3. Coordinate herbicide management needs with the herbicide management Contractor.
4. Perform annual inspections of BPA grounds to identify potential areas of regrowth, and to initiate proper control actions.
5. Coordinate with herbicide management Contractor to ensure all applicable data is recorded and reported as required by this plan.
6. Maintain written records of herbicide application.
7. Monitor and evaluate herbicide Contractor compliance with the herbicide management QCP.
8. Review the herbicide Contractor Herbicide Applicator certifications to ensure only current applicators are applying herbicide at BPA.
9. Evaluate the herbicide Contractor's daily herbicide logs.

10. INFORMATION PROTECTION

The data that will be provided to the vendor or the vendor is collecting on BPA's behalf, has a rating of **low** under the FIPS 199 Standards for Security Categorization of Federal Information and Information Systems. This requires the vendor to protect BPA data using the NIST 800-53rev4 Security and Privacy Controls for Federal Information Systems and Organizations for a **low** rated system.

The attestation must include that they are protecting BPA information commensurate with NIST 800-53rev4; security controls for a low data categorization. If the vendor is using this standard, please provide attestation to NIST 800-53rev4. The attestation must be provided on a yearly basis.

Many private organizations use ISO-27001:2005/2013 (ISO/IEC 27001:2005/2013 – Information technology – Security techniques – Information security management systems – Requirements). If the vendor is using this standard, please provide attestation to ISO-27001:2005/2013.

Attestations can be in the form of a formal memorandum, letter, or email.

11. EXHIBITS

Exhibit 1 - BPA Operations and Maintenance District Map

Exhibit 2 - Potential Safety Watching Service Providers

Exhibit 3 - Facilities List

Exhibit 4 - Environmental Audit Form

Exhibit 5 - List of Approved Herbicides

Exhibit 6 - SS Mitigation

Exhibit 7 – Herbicide Mitigation Measures Substation

Exhibit 8 - EIS Site Specific Mitigation Measures

Exhibit 9 - Spill Prevention and Response

Exhibit 10 - Herbicide Application Record BPA Form 5462.05e

ATTACHMENT F2

CONTRACT CLAUSES INCORPORATED BY REFERENCE

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at the following link.

Bonneville Purchasing Instructions provisions and clauses; including Interim Policies: Bonneville Purchasing Instructions - Bonneville Power Administration (bpa.gov)

28-1.1 Contract-Basic Terms (FEB 2020) (28.3.4)
28-3 Invoice (OCT 2014) (28.3.4(h))
28-4.1 Payment – Firm-Fixed-Price (FEB 2020) (28.3.4)
28-5.1 Inspection/Acceptance – Firm-Fixed-Price (MAR 2018) (28.3.4)
28-6 Changes (JUL 2013) (28.3.4)
28-7 Stop Work Order (MAR 2018) (28.3.4)
28-8 Force Majeure/Excusable Delay (JUL 2013) (28.3.4)
28-9.1 Termination for Cause – Firm-Fixed-Price (MAR 2018) (28.3.4)
28-10.1 Termination for Convenience – Firm-Fixed-Price (MAR 2018) (28.3.4)
28-11 Warranty (JUL 2013) (28.3.4)
28-12 Limitation of Liability (JUL 2013) (28.3.4
28-13 Disputes (JUL 2013) (28.3.4)
28-14 Indemnification (MAR 2018) (28.3.4)
28-16 Title (MAR 2018) (28.3.4)
28-17 Taxes (JUL 2013) (28.3.4)
28-18 Assignment (MAR 2018) (28.3.4)
28-19 Other Compliances (JUL 2013) (28.3.4)
28-20.2 Requirements Unique to Government Contracts – Services (APR 2025) (28.3.4)
28-21 Order of Precedence (FEB 2020) (28.3.4)
28-22 Applicable Law (JUL 2013) (28.3.4)
4-2 Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (FEB 2020) (4.10.3)
4-4 Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment (FEB 2022) (4.11.5(b))
4-5 Prohibition on a Bytedance Covered Application (APR 2024)(4.12.3)
4-7 Records Management Obligations (APR 2024) (4.4.7)
5-1 Privacy Assurance (MAR 2018) (5.1.4(a))
7-3 Economic Price Adjustment – Labor and Material (MAR 2018) (7.3.3.4(b))
10-4 Fair Labor and Service Contract – Standards – Price Adjustment (MAR 2018) (10.2.3.3.2)
10-6 Notification of Employee Rights Under the National Labor Relations Act (OCT 2014) (10.1.7.2)
10-22 Paid Sick Leave Under Executive Order 13706 (MAR 2018) (10.1.12.9)
14-2 Contract Administration Representatives (MAR 2018) (14.1.5(b))
14-6 Variation in Estimated Quantity – Service and Construction Contracts (MAR 2018) (14.6.3(b))
14-18 Bankruptcy (OCT 2005) (14.19.3)
14-19 Post Award Orientation (SEP 2007) (14.5.3.3)
15-4 Contractor Compliance with Bonneville Policies (FEB 2020) (15.3.1.1(a))
15-5 Protection of Existing Vegetation, Structures, and Improvements (SEP 1998) (15.6.4.1(d))
15-6 Hazardous Material Identification and Material Safety Data (MAR 2018) (15.4.2)
15-12 Contractor Safety and Health (APR 2024) (15.6.4.1)
15-13 Contractor Safety and Health Requirements (APR 2024) (15.6.4.1)
15-15 Screening Requirements for Personnel Having Access to Bonneville Facilities (FEB 2022) (15.7.2.1)
15-17 Information Assurance (FEB 2022) (15.9.4)
15-18 Homeland Security (OCT 2023) (15.10.3)
16-7 Work on a Government Installation (FEB 2022) (16.4.8.1)
21-4 Release of Claims (MAR 2018) (21.3.10.1)
22-24 Tribal Employment Rights Ordinance Fee (FEB 2020) (22.5.6(g))

ATTACHMENT F2

CONTRACT CLAUSES INCORPORATED BY FULL TEXT

OPTION TO EXTEND SERVICES (7-39) (APR 2024) (7.10.8(f))

(a) Bonneville may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 15 calendar days.

OPTION TO EXTEND THE TERM OF THE CONTRACT (7-40) (APR 2024) (7.10.8(g))

(a) Bonneville may extend the term of this contract by written notice to the Contractor within 5 calendar days before contract expiration; provided that Bonneville gives the Contractor a preliminary written notice of its intent to extend at least 15, calendar days. before the contract expires. The preliminary notice does not commit Bonneville to an extension.

(b) If Bonneville exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause; shall not exceed 5 years.

SERVICE CONTRACT LABOR STANDARDS (10-3) (MAR 2018) (10.2.2.3(a))

(a) Definitions. As used in this clause-

"Act" means the Service Contract Labor Standards statute (41 U.S.C. § 6701-6707, et seq.).

"Contractor" when used in any subcontract, shall include the subcontractor, except in the term "Bonneville Prime Contractor."

"Service employee" means any person engaged in the performance of this contract other than any person employed in a bona fide executive, administrative, or professional capacity, as these terms are defined in Part 541 of Title 29, Code of Federal Regulations, as revised. It includes all service persons regardless of any contractual relationship that may be alleged to exist between a Contractor or subcontractor and such persons.

(b) Applicability. This contract is subject to the following provisions and to all other applicable provisions of the Act and regulations of the Secretary of Labor (29 CFR Part 4). This clause does not apply to contracts or subcontracts administratively exempted by the Secretary of Labor or exempted by 41 U.S.C. 6702, as interpreted in Subpart C of 29 CFR Part 4.

(c) Compensation.

(1) Each service employee employed in the performance of this contract by the Contractor or any subcontractor shall be paid not less than the minimum monetary wages and shall be furnished fringe benefits in accordance with the wages and fringe benefits determined by the Secretary of Labor, or authorized representative, as specified in any wage determination attached to this contract.

(2)

(i) If a wage determination is attached to this contract, the Contractor shall classify any class of service employee not listed therein which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination) so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed class of employees shall be paid the

monetary wages and furnished the fringe benefits which are determined pursuant to the procedures in this paragraph (c).

(ii) This conforming procedure shall be initiated by the Contractor prior to the performance of contract work by the unlisted class of employee. The Contractor shall submit Standard Form (SF) 1444, Request for Authorization of Additional Classification and Rate, to the Contracting Officer (CO) no later than 30 days after the unlisted class of employee performs any contract work. The CO shall review the proposed classification and rate and promptly submit the completed SF 1444 (which must include information regarding the agreement or disagreement of the employees' authorized representatives or the employees themselves together with the agency recommendation), and all pertinent information to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor. The Wage and Hour Division will approve, modify, or disapprove the action or render a final determination in the event of disagreement within 30 days of receipt or will notify the CO within 30 days of receipt that additional time is necessary.

(iii) The final determination of the conformance action by the Wage and Hour Division shall be transmitted to the Contracting Officer who shall promptly notify the Contractor of the action taken. Each affected employee shall be furnished by the Contractor with a written copy of such determination or it shall be posted as a part of the wage determination.

(iv) Establishing rates.

(A) The process of establishing wage and fringe benefit rates that bear a reasonable relationship to those listed in a wage determination cannot be reduced to any single formula. The approach used may vary from wage determination to wage determination, depending upon the circumstances. Standard wage and salary administration practices which rank various job classifications by pay grade pursuant to point schemes or other job factors may, for example, be relied upon. Guidance may also be obtained from the way different jobs are rated under federal pay systems (Federal Wage Board Pay System and the General Schedule) or from other wage determinations issued in the same locality. Basic to the establishment of any conformable wage rate(s) is the concept that a pay relationship should be maintained between job classifications based on the skill required and the duties performed.

(B) In the case of a contract modification, an exercise of an option or extension of an existing contract, or in any other case where a contract succeeds a contract under which the classification in question was previously conformed pursuant to paragraph (c) of this clause, a new conformed wage rate and fringe benefits may be assigned to such conformed classification by indexing (i.e., adjusting) the previous conformed rate and fringe benefits by an amount equal to the average (mean) percentage increase (or decrease, where appropriate) between the wages and fringe benefits specified for all classifications to be used on the contract which are listed in the current wage determination, and those specified for the corresponding classifications in the previously applicable wage determination. Where conforming actions are accomplished in accordance with this paragraph prior to the performance of contract work by the unlisted class of employees, the Contractor shall advise the CO of the action taken, but the other procedures in paragraph (c)(2)(ii) of this section need not be followed.

(C) No employee engaged in performing work on this contract shall in any event be paid less than the currently applicable minimum wage specified under section 6(a)(1) of the Fair Labor Standards Act of 1938, as amended.

(v) The wage rate and fringe benefits finally determined under this subparagraph (c)(2) of this clause shall be paid to all employees performing in the classification from the first day on which contract work is performed by them in the classification. Failure to pay the unlisted employees the compensation agreed upon by the interested parties and/or finally determined by the Wage and Hour

Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract.

(vi) Upon discovery of failure to comply with subparagraph (c)(2) of this clause, the Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits, which shall be retroactive to the date such class or classes of employees commenced contract work.

(3) Adjustment of compensation. If the term of this contract is more than one year, the minimum monetary wages and fringe benefits required to be paid or furnished thereunder to service employees under this contract shall be subject to adjustment after one year and not less often than once every two years, under wage determinations issued by the Wage and Hour Division.

(d) Obligation to furnish fringe benefits. The Contractor or subcontractor may discharge the obligation to furnish fringe benefits specified in the attachment or determined under subparagraph (c)(2) of this clause by furnishing equivalent combinations of bona fide fringe benefits, or by making equivalent or differential cash payments only in accordance with Subpart D of 29 CFR Part 4.

(e) Minimum wage. In the absence of a wage determination for this contract, neither the Contractor nor any subcontractor under this contract shall pay any person performing work under this contract (regardless of whether the person is a service employee) less than the minimum wage specified by section 6(a)(1) of the Fair Labor Standards Act of 1938. Nothing in this clause shall relieve the Contractor or any subcontractor of any other obligation under law or contract for the payment of a higher wage to any employee.

(f) Successor contracts. If this contract succeeds a contract subject to the Act under which substantially the same services were furnished in the same locality, and service employees were paid wages and fringe benefits provided for in a collective bargaining agreement, in the absence of the wage determination for this contract setting forth such collectively bargained wage rates and fringe benefits, neither the Contractor nor any subcontractor under this contract shall pay any service employee performing any of the contract work (regardless of whether or not such employee was employed under the predecessor contract), less than the wages and fringe benefits provided for in such collective bargaining agreements, to which such employee would have been entitled if employed under the predecessor contract, including accrued wages and fringe benefits and any prospective increases in wages and fringe benefits provided for under such agreement. No contractor or subcontractor under this contract may be relieved of the foregoing obligation unless the limitations of 29 CFR Part 4.1b(b) apply or unless the Secretary of Labor or the Secretary's authorized representative finds, after a hearing as provided in 29 CFR Part 4.10, that the wages and/or fringe benefits provided for in such agreement are substantially at variance with those which prevail for services of a character similar in the locality, or determines, as provided in 29 CFR Part 4.11, that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's-length negotiations. Where it is found in accordance with the review procedures provided in 29 CFR 4.10 and/or 4.11 and Parts 6 and 8 that some or all of the wages and/or fringe benefits contained in a predecessor Contractor's collective bargaining agreement are substantially at variance with those which prevail for similar services in the locality, and/or that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's-length negotiations, the Department will issue a new or revised wage determination setting forth the applicable wage rates and fringe benefits. Such determination shall be made part of the contract or subcontract, in accordance with the decision of the Administrator, the Administrative Law Judge, or the Administrative Review Board, as the case may be, irrespective of whether such issuance occurs prior to or after the award of a contract or subcontract (53 Comp. Gen. 401 (1973)). In the case of a wage determination issued solely as a result of a finding of substantial variance, such determination shall be effective as of the date of the final administrative decision.

(g) Notification to employees. The Contractor and any subcontractor under this contract shall notify each service employee commencing work on this contract of the minimum monetary wage and any fringe benefits required to be paid pursuant to this contract, or shall post the wage determination attached to this contract. The poster provided by the Department of Labor (Publication WH 1313) shall be posted in a prominent and accessible place at the worksite. Failure to comply with this requirement is a violation of section 2(a)(4) of the Act and of this contract.

(h) Safe and sanitary working conditions. The Contractor or subcontractor shall not permit any part of the services called for by this contract to be performed in buildings or surroundings or under working conditions provided by or under the control or supervision of the Contractor or subcontractor which are unsanitary, hazardous, or dangerous to the health and safety of the service employees. The Contractor or subcontractor shall comply with the safety and health standards applied under 29 CFR Part 1925.

(i) Records.

(1) The Contractor and each subcontractor performing work subject to the Act shall make and maintain for three years from the completion of the work, and make them available for inspection and transcription by authorized representatives of the Wage and Hour Division, Employment Standards Administration, a record of the following:

(i) For each employee subject to the Act:

(A) Name, address and social security number;

(B) Correct work classification or classifications, rate or rates of monetary wages paid and fringe benefits provided, rate or rates of payment in lieu of fringe benefits and total daily and weekly compensation;

(C) Daily and weekly hours worked by each employee; and

(D) Any deductions, rebates, or refunds from the total daily or weekly compensation of each employee.

(ii) For those classes of service employees not included in any wage determination attached to this contract, wage rates or fringe benefits determined by the interested parties or by the Administrator or authorized representative under the terms of paragraph (iii) of this clause. A copy of the report required by subdivision (c)(2)(iv)(B) of this clause will fulfill this requirement.

(iii) Any list of the predecessor Contractor's employees which had been furnished to the Contractor as prescribed by paragraph (n) of this clause.

(2) The Contractor shall also make available a copy of this contract for inspection or transcription by authorized representatives of the Wage and Hour Division.

(3) Failure to make and maintain or to make available these records for inspection and transcription shall be a violation of the regulations and this contract, and in the case of failure to produce these records, the CO, upon direction of the Department of Labor and notification of the Contractor, shall take action to cause suspension of any further payment or advance of funds until the violation ceases.

(4) The Contractor shall permit authorized representatives of the Wage and Hour Division to conduct interviews with employees at the worksite during normal working hours.

(j) Pay periods. The Contractor shall unconditionally pay to each employee subject to the Act all wages due free and clear and without subsequent deduction (except as otherwise provided by law or regulations, 29 CFR Part 4), rebate, or kickback on any account. These payments shall be made no later than one pay period following

the end of the regular pay period in which the wages were earned or accrued. A pay period under this Act may not be of any duration longer than semi-monthly.

(k) Withholding of payments and termination of contract. The CO shall withhold or cause to be withheld from the Bonneville prime contractor under this or any other Government contract with the prime contractor such sums as an appropriate official of the Department of Labor requests, or such sums as the CO decides may be necessary to pay underpaid employees employed by the Contractor or subcontractor. In the event of failure to pay any employees subject to the Act all or part of the wages or fringe benefits due under the Act, the CO may, after authorization or by direction of the Department of Labor and written notification to the Contractor, take action to cause suspension of any further payment or advance of funds until such violations have ceased. Additionally, any failure to comply with the requirements of this clause may be grounds for termination of the right to proceed with the contract work. In such event, the Bonneville may enter into other contracts or arrangements for completion of the work, charging the Contractor in default with any additional cost.

(l) Subcontracts. The Contractor agrees to include this clause in all subcontracts subject to the Act.

(m) Collective bargaining agreements applicable to service employees. If wages to be paid or fringe benefits to be furnished any service employees employed by the Bonneville prime contractor or any subcontractor under the contract are provided for in a collective bargaining agreement which is or will be effective during any period in which the contract is being performed, the Bonneville prime contractor shall report such fact to the CO, together with full information as to the application and accrual of such wages and fringe benefits, including any prospective increases, to service employees engaged in work on the contract, and a copy of the collective bargaining agreement. Such report shall be made upon commencing performance on the contract, in the case of collective bargaining agreements effective at such time, and in the case of such agreements or provisions or amendments thereof effective at a later time during the period of contract performance, such agreements shall be reported promptly after negotiation thereof.

(n) Seniority Lists. Not less than ten days prior to completion of any contract being performed at a Bonneville facility where service employees may be retained in the performance of the succeeding contract and subject to a wage determination which contains vacation or other benefit provisions based upon length of service with a contractor (predecessor) or successor (29 CFR Part 4.173), the incumbent prime contractor shall furnish to the CO a certified list of the names of all service employees on the Contractor's or subcontractor's payroll during the last month of contract performance. Such list shall also contain anniversary dates of employment on the contract either with the current or predecessor contractors of each such service employee. The CO shall provide this list to the successor contractor at the commencement of the succeeding contract.

(o) Rulings and interpretations. Rulings and interpretations of the Act are contained in 29 CFR Part 4.

(p) Contractor’s certification

(1) By entering into this contract, the Contractor (and officials thereof) certifies that neither it (nor he or she) nor any person or firm who has a substantial interest in Contractor’s firm is a person or firm ineligible to be awarded Government contracts by virtue of the sanctions imposed under section 5 of the Act.

(2) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract under section 5 of the Act.

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

(q) Variations, tolerances and exemptions involving employment. Notwithstanding any of the provisions in paragraphs (b) through (o) of this clause, the following employees may be employed in accordance with the following variations, tolerances, and exemptions, which the Secretary of Labor, pursuant to section 4(b) of the Act prior to its amendment by Pub. L. 92-473, found to be necessary and proper in the public interest or to avoid serious impairment of the conduct of Government business.

(1) Apprentices, student-learners, and workers whose earning capacity is impaired by age, physical or mental deficiency, or injury may be employed at wages lower than the minimum wages otherwise required by section 2(a)(1) or 2(b)(1) of the Act without diminishing any fringe benefits or cash payments in lieu thereof required under section 2(a)(2) of the Act, in accordance with the conditions and procedures prescribed for the employment of apprentices, student-learners, handicapped persons, and handicapped clients of sheltered workshops under section 14 of the Fair Labor Standards Act of 1938, in the regulations issued by the Administrator (29 CFR Parts 520, 521, 524, and 525).

(2) The Administrator will issue certificates under the Act for the employment of apprentices, student-learners, handicapped persons, or handicapped clients of sheltered workshops not subject to the Fair Labor Standards Act of 1938, or subject to different minimum rates of pay under the two acts, authorizing appropriate rates of minimum wages (but without changing requirements concerning fringe benefits or supplementary cash payments in lieu thereof), applying procedures prescribed by the applicable regulations issued under the Fair Labor Standards Act of 1938 (29 CFR Parts 520, 521, 524, and 525).

(3) The Administrator will also withdraw, annul, or cancel such certificates in accordance with the regulations in 29 CFR Parts 525 and 528.

(r) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed and individually registered in a bona fide apprenticeship program registered with a State Apprenticeship Agency recognized by the U.S. Department of Labor, or if no such recognized agency exists in a State, under a program registered with the Office of Apprenticeship Training, Employer, and Labor Services (OATELS) U.S. Department of Labor. Any employee who is not registered as an apprentice in an approved program shall be paid the wage rate and fringe benefits contained in the applicable wage determination for the journeyman classification of work actually performed. The wage rates paid apprentices shall not be less than the wage rate for their level of progress set forth in the registered program, expressed as the appropriate percentage of the journeyman's rate contained in the applicable wage determination. The allowable ratio of apprentices to journeymen employed on the contract work in any craft classification shall not be greater than the ratio permitted to the Contractor as to his entire work force under the registered program.

(s) Tips. An employee engaged in an occupation in which the employee customarily and regularly receives more than $30 a month in tips may have the amount of these tips credited by the employer against the minimum wage required by section 2(a)(1) or section 2(b)(1) of the Act, in accordance with section 3(m) of the Fair Labor Standards Act and regulations, 29 CFR Part 531. However, the amount of the credit shall not exceed $1.34 per hour beginning January 1, 1981. To use this provision—

(1) The employer must inform tipped employees about this tip credit allowance before the credit is utilized;

(2) The employees must be allowed to retain all tips (individually or through a pooling arrangement and regardless of whether the employer elects to take a credit for tips received):

(3) The employer must be able to show by records that the employee receives at least the applicable Service Contract Act minimum wage through the combination of direct wages and tip credit; and

(4) The use of such tip credit must have been permitted under any predecessor collective bargaining agreement applicable by virtue of section 4(c) of the Act.

(t) Disputes concerning labor standards. The U.S. Department of Labor has set forth in 29 CFR Parts 4, 6, and 8 procedures for resolving disputes concerning labor standards requirements. Such disputes shall be resolved in accordance with those procedures and not the Disputes clause of this contract. Disputes concerning labor standards requirements 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.

ATTACHMENT F2

SERVICE CONTRACT WAGE DETERMINATION (10-5)
(OCT 2014) (10.2.2.3(b))

The wage determination(s) referred to in the clause 10-3, Service Contract Labor Standards, are incorporated into the contract, and are identified as follows:

See Attachment F3.

SYSTEM FOR AWARD MANAGEMENT (11-18)
(APR 2024) (11.10 (c) (d))

A contractor is required to be registered in SAM as soon as possible. If the contractor is unable to register prior to award, the Contractor shall be registered in SAM within 60 days after award. If the contractor is unable to comply, the contractor shall immediately notify the CO and provide a written explanation.

PROPERTY PROTECTION – ALTERNATE I (15-3)
(FEB 2020) (15.6.4.1(C))

(a) The Contractor shall construct and maintain such temporary fences, gates and other facilities as shall be necessary for preservation of crops, control of livestock, and protection of property. Before cutting a fence, the Contractor shall take necessary precautions to prevent the straying of livestock and shall prevent the loss of tension in or damage to adjacent portions of the fence. The Contractor shall immediately replace all fencing and gates that it cuts, removes, damages, or destroys with new materials to the original standard, with the exception that undamaged gates may be reused.

(b) The Contractor shall comply with the request of the property owner relative to leaving gates open or closed.

(c) The Contractor shall use all necessary precautions to avoid the destruction of surveying markers such as section corners, witness trees, property corners, mining claim markers, bench markers, triangulation stations, and the like. If any such marker must be destroyed, the Contractor shall first notify the agency responsible for the marker, as well as the CSR, and assume all responsibility for replacing markers.

(d) The Contractor shall use care to prevent unnecessary damage caused by performance of its work to property in or near the work area. Unnecessary damage is that which can be avoided through efficient and careful performance of the work in a careful manner, taking into account the land rights which have been secured. If the Contractor damages any property, the contractor shall at once notify the owner or custodian and shall make or arrange to make prompt and full restitution.

(e) Maps and specifications provided by Bonneville may not give the location of all water supply, drainage, irrigation, and other underground facilities. Prior to entering a tract of land for contract purposes, the Contractor shall ascertain from the property owner or other reasonably available source the location of any irrigation system, domestic water system, source of water, and drainage system existing on the property, whether serving that property or other property. The Contractor shall avoid damaging or obstructing these facilities or polluting water supplies.

(f) The Contractor shall hold Bonneville harmless from any and all suits, actions, and claims for damages, including environmental impairment, to property arising from any act or omission of the contractor, its subcontractors, or any employee of the Contractor or subcontractors, in any way related to the work or operations under this contract.

(g) The Contractor shall indemnify and hold harmless the property owners or parties lawfully in possession against all claims or liabilities asserted by third parties, including all governmental agencies, resulting directly or indirectly from the Contractor's wrongful or negligent acts or omissions.

(h) The management and disposal of hazardous wastes and materials exposes the contractor and Bonneville to short- and long-term liabilities. To reduce these potential liabilities it is critical that the contractor be fully aware of the hazards and regulatory requirements associated with the hazardous materials involved in this project. Only qualified personnel shall be used in their handling and transportation.

(i) Before commencing work, the Contractor shall:

(1) Perform an environmental evaluation of the work required under the contract identifying tasks which involve the use, handling or transportation of hazardous materials or wastes.

(2) Submit an environmental plan to the CO identifying and dealing with each specific task involving the wastes. The plan must be specific enough to demonstrate a thorough understanding of the environmental risks and the appropriate methodology for dealing with them. The plan shall also list the required permits and reference the relevant regulations which govern the activities involved in dealing with the materials or wastes.

(3) Meet with representatives of the Contracting Officer during the preconstruction conference to discuss and to develop a mutual understanding on implementation of the plan.

(4) The CO, or his or her representatives, may require other tasks to be added to the plan. If planned methodologies for dealing with the risks are deemed insufficient, the CO, or a designated representative may require revision. Work involving hazardous materials or wastes shall not commence until adequate plans have been submitted and reviewed. Bonneville's review of the contractor's plan shall in no way relieve the contractor of its liability for environmental law and regulatory compliance.

MINIMUM INSURANCE COVERAGE (16-8)
(FEB 2022) (16.4.8.2)

The Contractor shall obtain and maintain insurance coverage as follows for the performance of this contract. The Contracting Officer shall check all that apply and insert amounts as they pertain to each individual contract.

(a) Workers' compensation and employer's liability. Worker's compensation and employer's liability insurance as required by applicable Federal and State workers' compensation and occupational disease statutes. If occupational diseases are not compensable under those statutes, they shall be covered under the employer's liability section of the insurance policy, except when contract operations are so commingled with the Contractor's commercial operations that it would not be practical to require this coverage. The employer's liability coverage shall be at least $1,000,000, except in States with exclusive or monopolistic funds that do not permit workers' compensation to be written by private carriers.

(b) Commercial general liability. Comprehensive general (bodily injury) liability insurance of at least $1,000,000 per occurrence.

(c) Property damage liability. Additional property damage liability insurance shall be required when the contractor is engaged in the handling and/or transportation and/or disposal of hazardous wastes

(d) ☒ Automobile liability. Motor vehicle liability insurance written on the comprehensive form of policy which provides for bodily injury and property damage liability covering the operation of all motor vehicles used in connection with performing the contract. Policies covering motor vehicles operated in the United States shall provide coverage of at least $2,000,000 per occurrence. The amount of liability coverage on other policies shall be commensurate with any legal requirements of the locality and sufficient to meet normal and customary claims.

(e) ☐ Watercraft liability. When watercraft is used in connection with performing the work, watercraft liability insurance of at least $1,000,000 per occurrence coverage is required.

(f) ☒ Pollution liability. The Contractor shall provide environmental impairment liability insurance of at least $1,000,000 per occurrence. Such insurance will include coverage for the clean-up, removal, storage, disposal, transportation and/or use of pollutants. The insurance policy shall name BPA, its officials, officers, employees and agents as additional insureds. The contractor's policy shall be primary and shall not seek any contribution from any insurance or self-insurance programs of Bonneville.

(g) ☐ Professional liability. The Contractor shall provide professional liability insurance. Coverage shall be at least $1,000,000 per occurrence for claims arising out of negligent acts, errors or omissions.

(h) ☐ Medical malpractice liability. The Contractor shall maintain medical malpractice liability insurance of at least $1,000,000 per occurrence.

(i) The Contractor's policy shall be primary and shall not seek any contribution from any insurance or self-insurance programs of Bonneville. The Contractor's insurance certificate shall contain a waiver of subrogation in favor of Bonneville. Where allowable, Contractor's insurance will name Bonneville and its agents, officers, directors and employees as additional insured's.

TRIBAL EMPLOYMENT RIGHTS ORDINANCE FEE (22-24M)
(APR 2025) (22.5.6)

(a) Either a portion, or all, of the work required under this contract (or task order) is located on land governed by a Tribal Employment Rights Ordinance (TERO).

(b) Below are additional requirements that may apply to work awarded under this contract (or task order):

(1) The TERO office(s) may require an administrative fee based upon the contract amount which is payable to the TERO office(s).If required, this fee shall be included as a separate line item on the Contractor's price proposal and any subsequent invoice;

(2) The Contractor shall meet with the TERO office(s) prior to commencement of the work under this contract and submit an acceptable plan for implementation of its obligations under TERO regulations;

(3) The Contractor shall provide to the Contracting Officer evidence of any TERO fees paid as a result of these requirements.

(c) This requirement shall be included in all subcontracts at any tier.

(d) The contractor may be required to submit all appropriate documentation related to the TERO fee to the CO, including any tribal compliance agreement required by the tribe.

(e) Clauses 10-1, Fairness in Employment, does not apply to work on or within 40 miles of an Indian reservation where a TERO is known to be in effect.

KEY PERSONNEL (23-2)
(SEP 1998) (23.1.7(b))

The personnel listed below are considered to be essential to the work being performed hereunder. No diversion shall be made by the Contractor without the written consent of the Contracting Officer.

To be negotiated and incorporated at the time of award, if deemed necessary.

ATTACHMENT F2

ADDITIONAL REQUIREMENTS

FEDERAL BIO-BASED PURCHASING REQUIREMENTS

The Contractor shall utilize bio-based products wherever possible in accordance with federal bio-based purchasing requirements per the USDA Bio-Preferred Catalog and provide Safety Data Sheets (SDS) for BPA approval. The Contractor will provide a report of its purchases to the COR within 30 days after the end of each BPA Fiscal Year and upon contract expiration. BPA's fiscal year runs October 1 to September 30.

LIMITATION ON TRAVEL COSTS

(a) Costs incurred for lodging, meals, and incidental expenses shall be reimbursed on an actual cost basis to the extent that they do not exceed, on a daily basis, the per diem rates in effect at the time of travel as set forth in the Federal Travel Regulation, prescribed by the General Services Administration, for travel in the conterminous 48 United States. Per Diem shall be authorized for travel in excess of 12 hours and shall not exceed 75% of the daily rate for the first and last day of official travel. Lodging and other expenses exceeding $75.00 must be supported with receipts, which shall be submitted with the request for payment.

(b) Airline costs will be reimbursed on an actual cost basis to the extent determined reasonable and allocable under the Bonneville Purchasing Instructions, Appendix 13, "Contract Cost Principles for Commercial Organizations". Generally, airline costs will be limited to coach or economy class. Any variation from these requirements must be approved by the Contracting Officer. Contractors may request a letter from the Contracting Officer, authorizing access to an airline, lodging, or other rates negotiated for government travel to the extent such authorization is honored by the service providers.

(c) Per Diem rates are available at: Per Diem Rates | GSA

(d) Mileage rates are available at: Privately Owned Vehicle (POV) Mileage Reimbursement Rates | GSA

SAFETY VERIFICATION SUBSCRIPTION

(a) The Contractor agrees to maintain, a subscription with Bonneville's third party safety verification provider for the duration of this Contract. For subscription information, please visit http://www.bpa.gov/Doing%20Business/Pages/Contractor-Safety.aspx. The information requested will assist Bonneville in evaluation of the health, safety and environmental performance of the Contractor.

(b) A minimum safety rating of "C" is required for performing the services requested in this contract. Depending on the size of this contract action and other scope-specific factors, contractors with a rating of "C" may be required by Bonneville to provide safety risk mitigation at no cost. This mitigation may include a requirement to have a full time safety professional at the contract location during the performance of the work.

(c) In the event that the Contractor's safety rating falls below a "C" rating, Contractor shall promptly take all steps necessary to improve the rating to maintain a rating of "C" or better during the performance of the Contract. If the Contractor does not improve such rating within 30 days after the issuance of the rating, Contractor shall be considered to have an unacceptable safety performance rating and the Contracting Officer shall determine the course of action, up to and including contract termination.

(d) Bonneville makes no representation about the quality of services being performed by the third party safety verification provider. The use of information obtained from the third party safety verification provider in connection with this contract shall not constitute, nor be construed as, an assumption of responsibility or liability for safety under the Contract by Bonneville. Use of information obtained by Bonneville does not relieve Contractor from its legal and contractual obligations. The third party safety verification provider is an independent contractor and is not an agent of Bonneville. Any acts or omissions by the third party safety verification provider shall not be considered an act or omission of Bonneville.

ATTACHMENT F2

TRIBAL EMPLOYMENT RIGHTS ORDINANCE (TERO):

Some or all work may be performed on a tribal reservation boundary and/or within 40 miles of a tribal reservation boundary. Contact Tribal Affairs (tribalaffairs@bpa.gov) for the most up to date contact information. Specific tribal name(s) information:

Within the tribal reservation boundary (A fee and/or hiring preference may be required for a % of the work on Reservation. Contact the applicable Reservation).

Within 40 miles of the tribal reservation boundary (A hiring preference may be required for a % of the work completed on the Reservation.

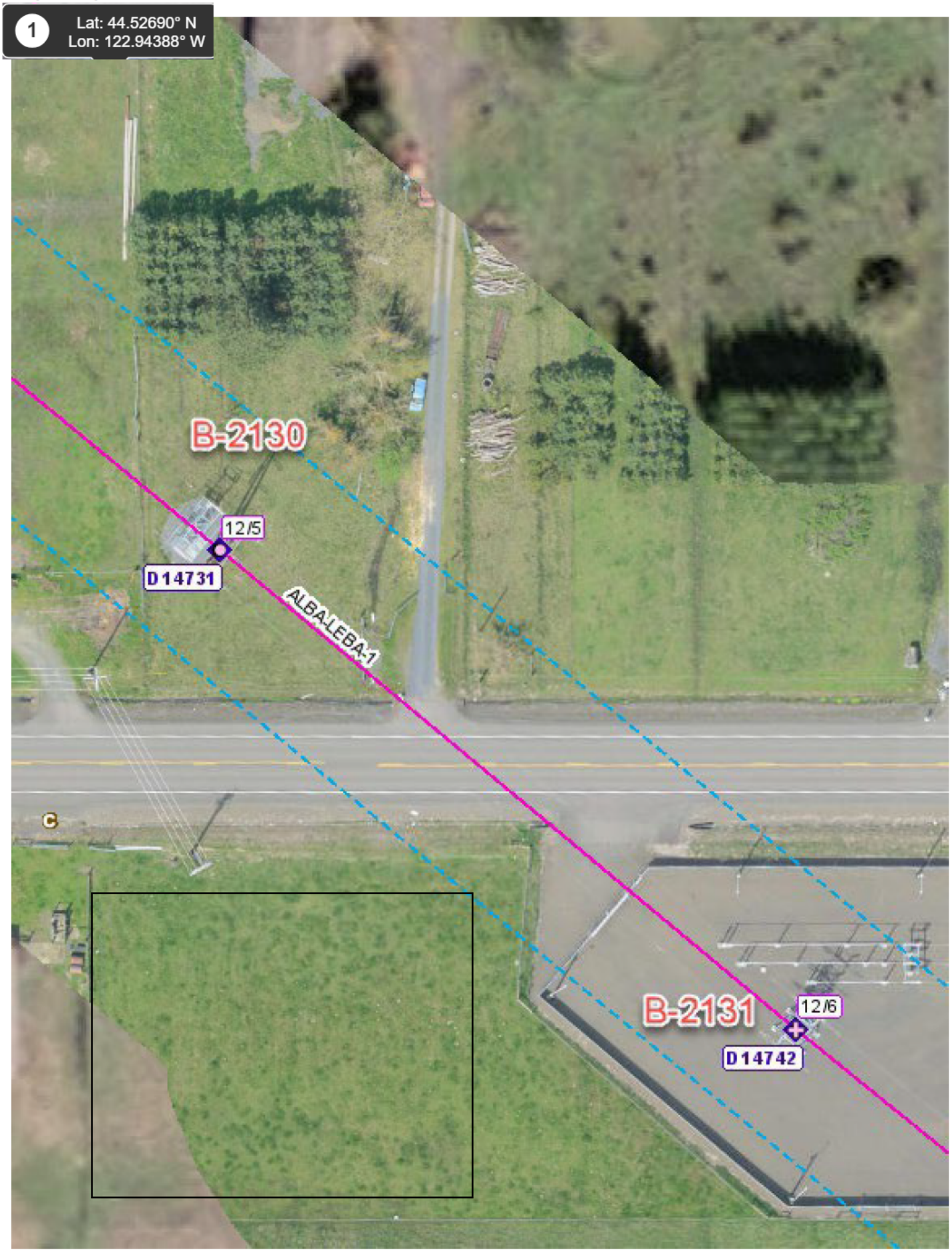
OREGON CORPORATE ACTIVITY TAX (22-19)
(APR 2024) (22.5.6)

The Oregon Corporate Activity Tax (CAT) is an annual tax imposed on taxpayers for the privilege of doing business in Oregon. Oregon's CAT is measured on a business's commercial activity, the total amount a business realizes from transactions and activity in the normal course of business in Oregon. In the event the State of Oregon assesses or levies such a tax, the Contractor shall immediately submit copies of any documents reflecting such assessment or levy to the CO. The Contractor shall not make any payments to the State of Oregon on account of such taxes under the contract, unless authorized by the CO. Offerors should not take into account or include a factor for the Oregon CAT Tax in their proposal response. The contractor shall be reimbursed by Bonneville for payment of any tax authorized to be paid by the CO by an appropriate contract modification. The reimbursement shall be limited to the actual tax amount assessed by the State of Oregon.

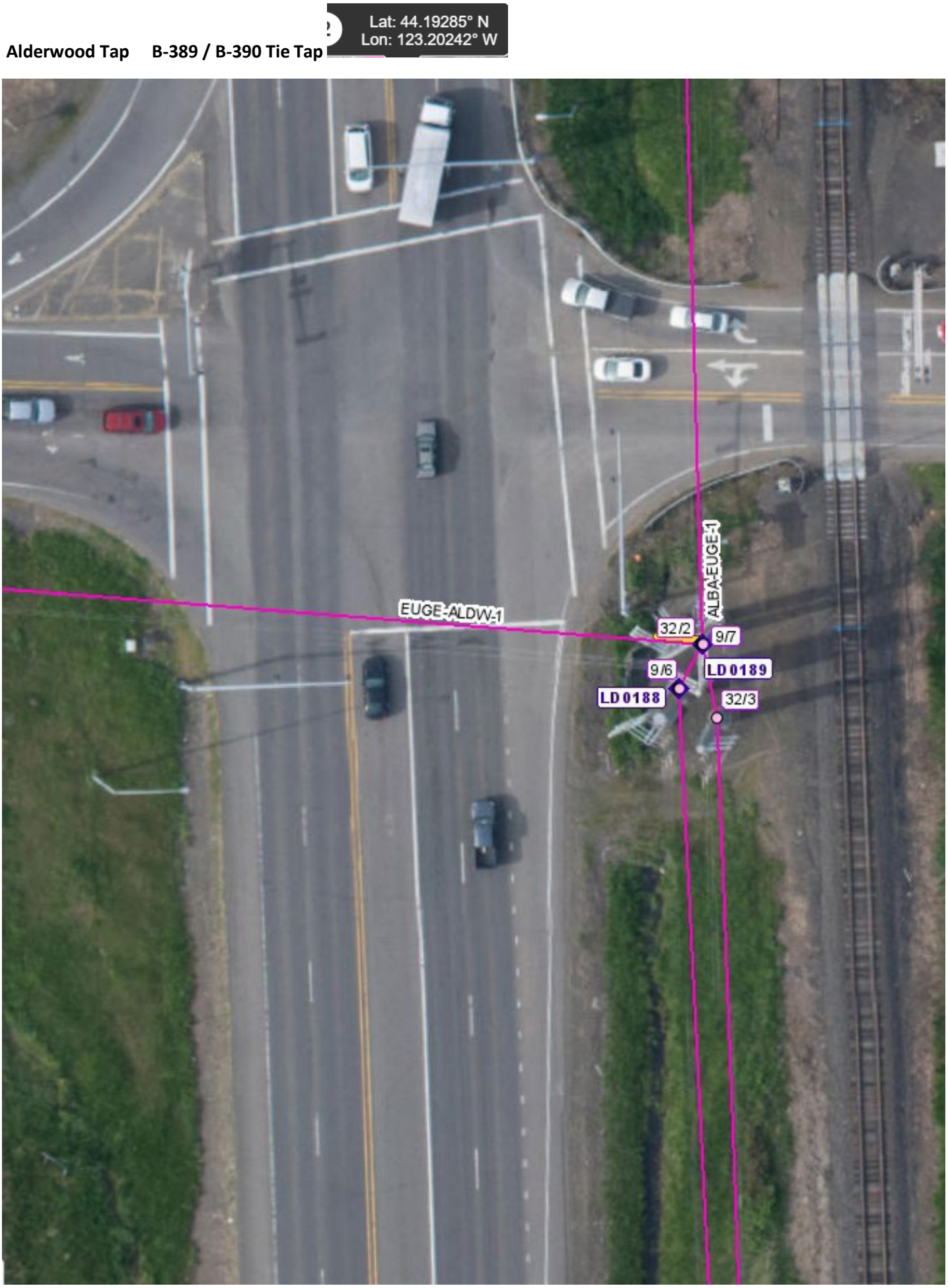
End F2.

F3 SCA Wage Determinations Table					
WD	Revision #	Revision Date	State	County	Link
2015-5589	27	12/23/2024	Oregon	Baker, Grant, Harney, Malheur, Morrow, Umatilla, Union, Wallowa, Wheeler	SAM.gov
2015-5567	24	12/23/2024	Oregon	Benton	SAM.gov
2015-5563	24	12/23/2024	Oregon, Washington	Oregon: Clackamas, Columbia, Multnomah, Washington, Yamhill Washington: Clark, Skamania	SAM.gov
2015-5577	26	12/23/2024	Oregon	Clatsop, Tillamook	SAM.gov
2015-5579	24	12/23/2024	Oregon	Coos, Curry, Douglas	SAM.gov
2015-5581	26	12/23/2024	Oregon	Crook, Jefferson, Klamath, Lake	SAM.gov
2015-5565	24	12/23/2024	Oregon	Deschutes	SAM.gov
2015-5789	26	12/23/2024	Oregon	Gilliam	SAM.gov
2015-5583	26	12/23/2023	Oregon	Hood River, Sherman, Wasco	SAM.gov
2015-5571	24	12/23/2024	Oregon	Jackson	SAM.gov
2015-5787	24	12/23/2024	Oregon	Josephine	SAM.gov
2015-5569	24	12/23/2024	Oregon	Lane	SAM.gov
2015-5575	24	12/23/2024	Oregon	Lincoln	SAM.gov
2015-5587	26	12/23/2024	Oregon	Linn	SAM.gov
2015-5573	24	12/23/2024	Oregon	Marion, Polk	SAM.gov
2015-5559	24	12/23/2024	Washington	Adams, Ferry, Garfield, Grant, Lincoln, Whitman	SAM.gov
2015-5521	26	12/26/2023	Washington	Asotin	SAM.gov
2015-5527	24	12/23/2024	Washington	Benton, Franklin	SAM.gov
2015-5541	24	12/23/2024	Washington	Chelan, Douglas	SAM.gov
2015-5545	26	12/23/2024	Washington	Clallam, Jefferson	SAM.gov
2015-5813	26	12/23/2024	Washington	Columbia	SAM.gov
2015-5529	24	12/23/2024	Washington	Cowlitz	SAM.gov
2015-5551	26	12/23/2024	Washington	Gray's Harbor, Mason	SAM.gov
2015-5547	26	12/23/2024	Washington	Island, San Juan	SAM.gov
2015-5535	24	12/23/2024	Washington	King, Snohomish	SAM.gov
2015-5525	26	12/23/2024	Washington	Kitsap	SAM.gov
2015-5557	26	12/23/2024	Washington	Kittitas, Okanogan	SAM.gov
2015-5555	26	12/23/2024	Washington	Klickitat	SAM.gov
2015-5553	26	12/23/2024	Washington	Lewis	SAM.gov
2015-5549	26	12/23/2024	Washington	Pacific, Wahkiakum	SAM.gov
2015-5537	24	12/23/2024	Washington	Pend Oreille, Spokane, Stevens	SAM.gov
2015-5539	27	12/23/2024	Washington	Pierce	SAM.gov
2015-5531	24	12/23/2024	Washington	Skagit	SAM.gov
2015-5533	24	12/23/2024	Washington	Thurston	SAM.gov
2015-5561	26	12/23/2024	Washington	Walla Walla	SAM.gov
2015-5523	24	12/23/2024	Washington	Whatcom	SAM.gov
2015-5543	24	12/23/2024	Washington	Yakima	SAM.gov

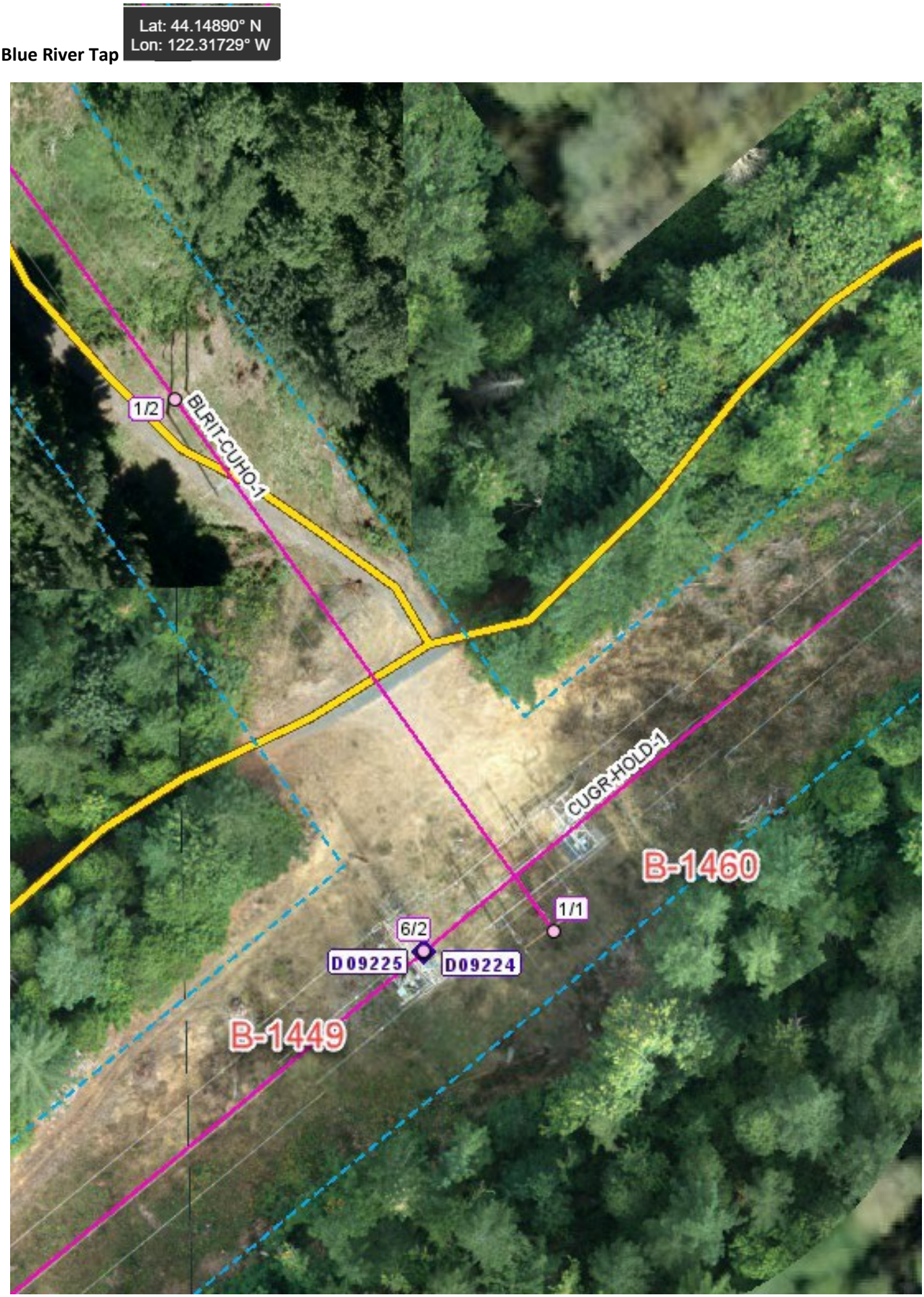
Airport Tap


1
Lat: 44.52690° N
Lon: 122.94388° W
B-2130
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D14731
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C
B-2131
12/6
D14742

Alderwood Tap **B-389 / B-390 Tie Tap**



Blue River Tap

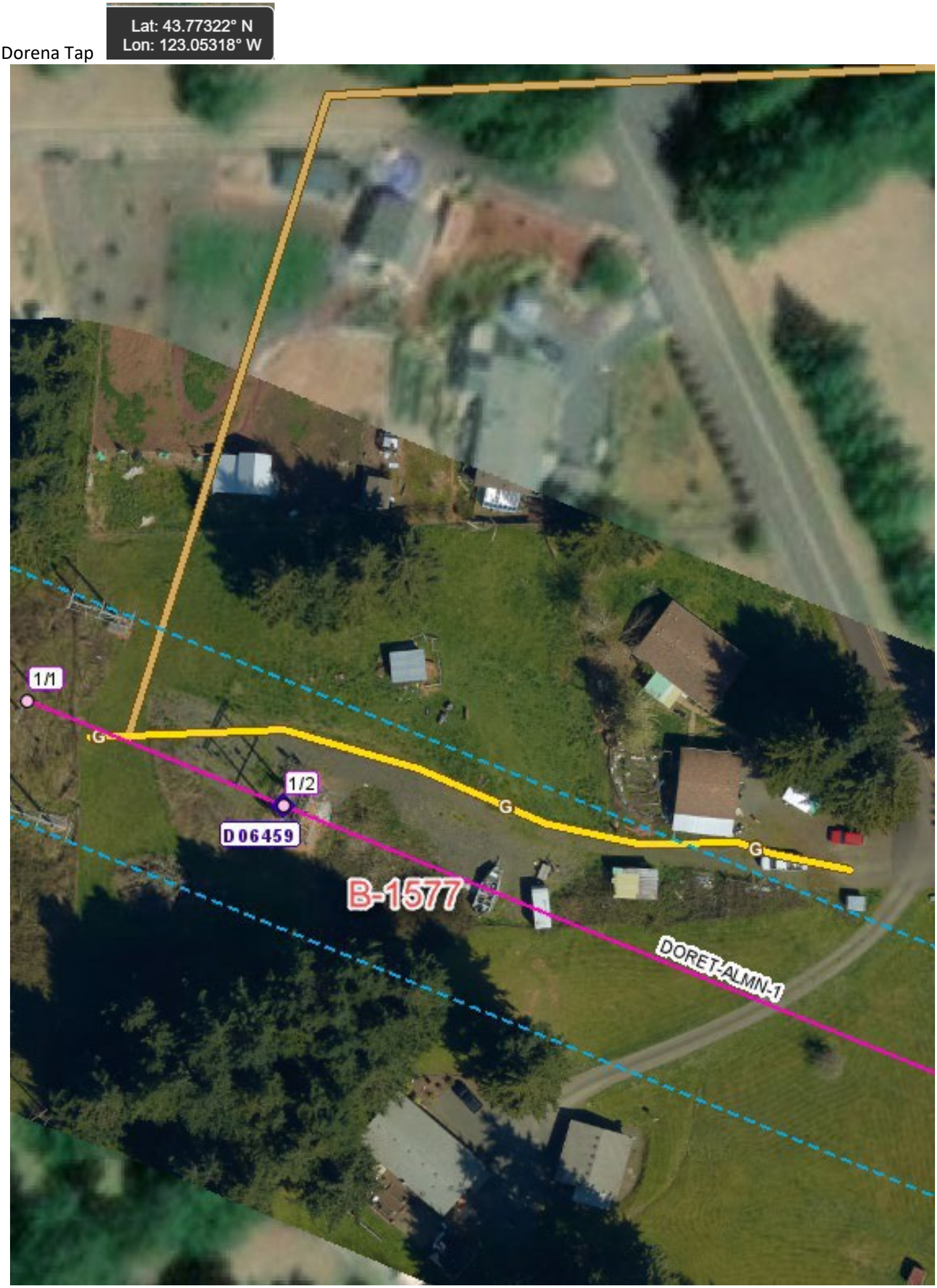



Blue River Tap

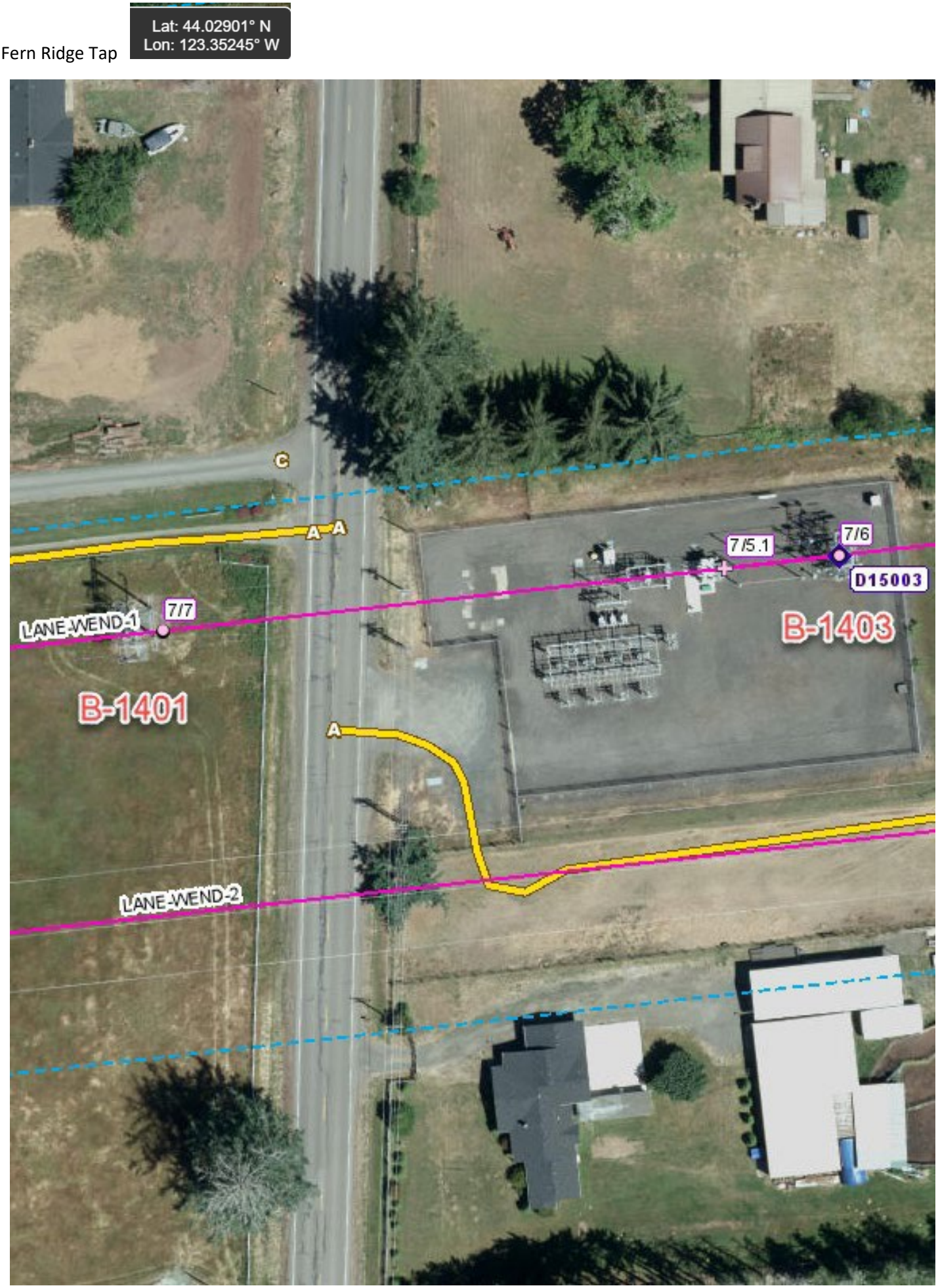
Dillard Tap 10/3 and 10/4



Dorena Tap


Lat: 43.77322° N
Lon: 123.05318° W
1/1
G
1/2
D 06459
G
G
B-1577
DORET-ALMN-1

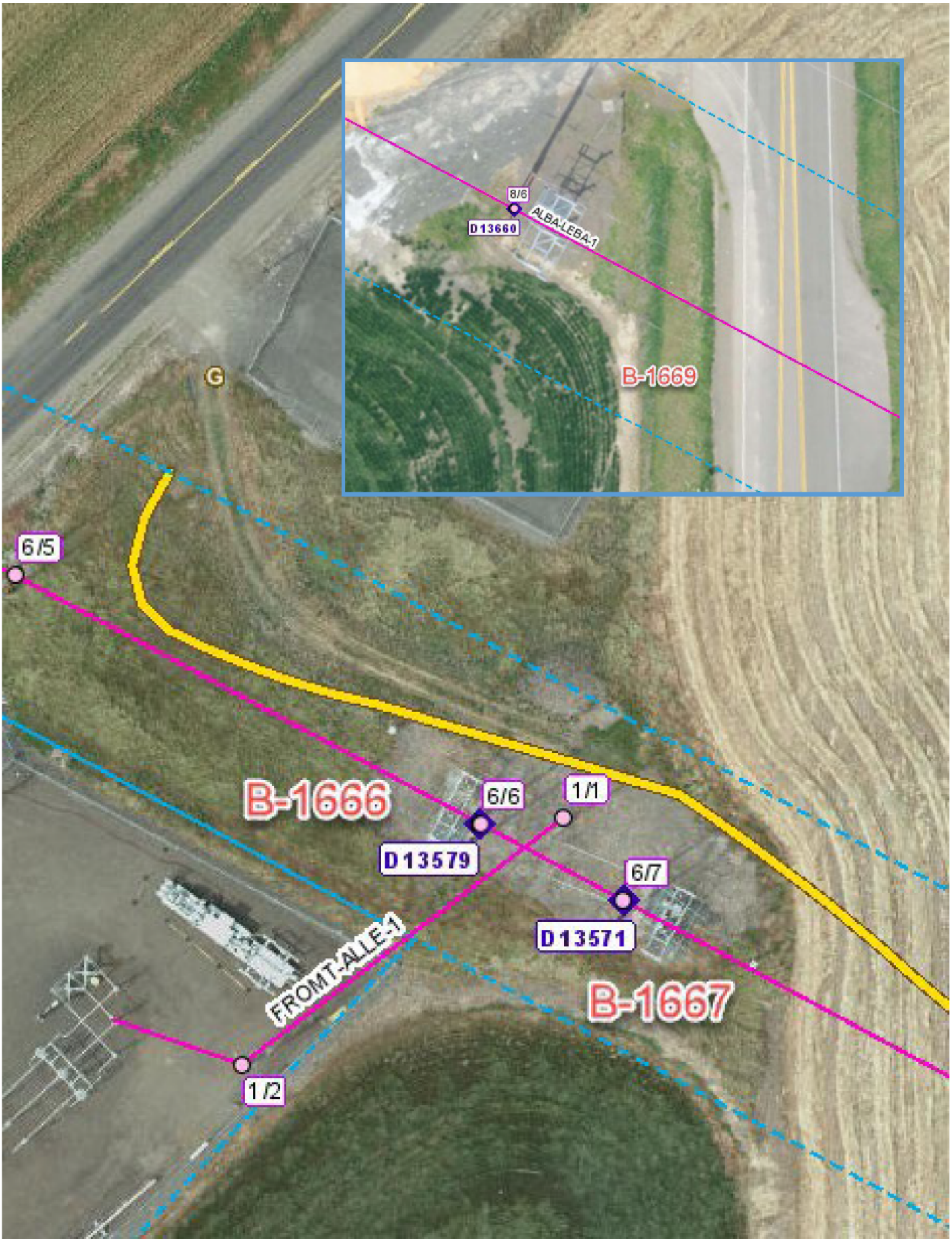
Fern Ridge Tap



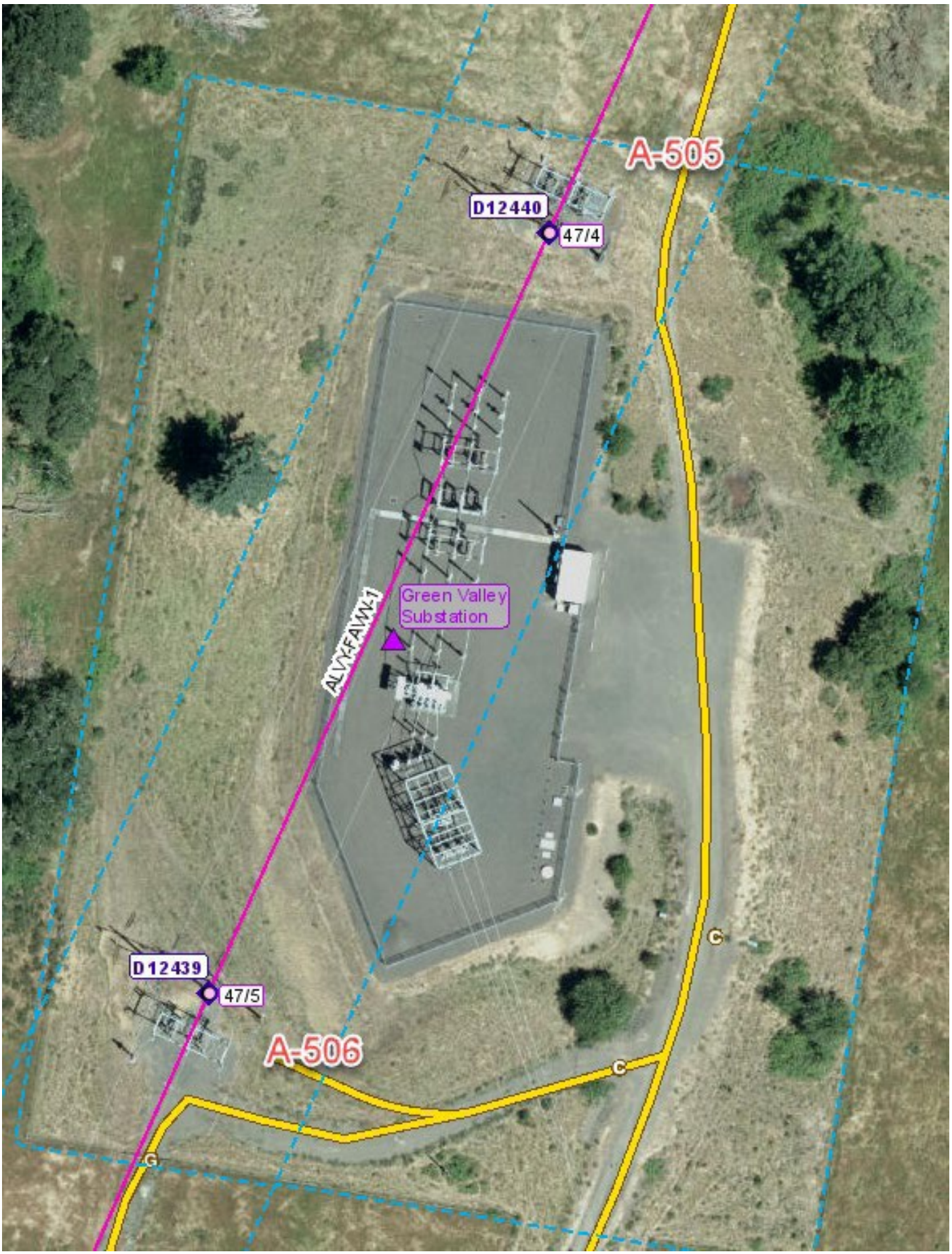
Foster Tap


7
Lat: 44.46751° N
Lon: 122.66327° W
B-1372
7/2
D12837
1/1
GRPT-LEBA-1
B-1360
7/1
D06062
1/2
D06457
FOSET-GPLE-1
B-1691

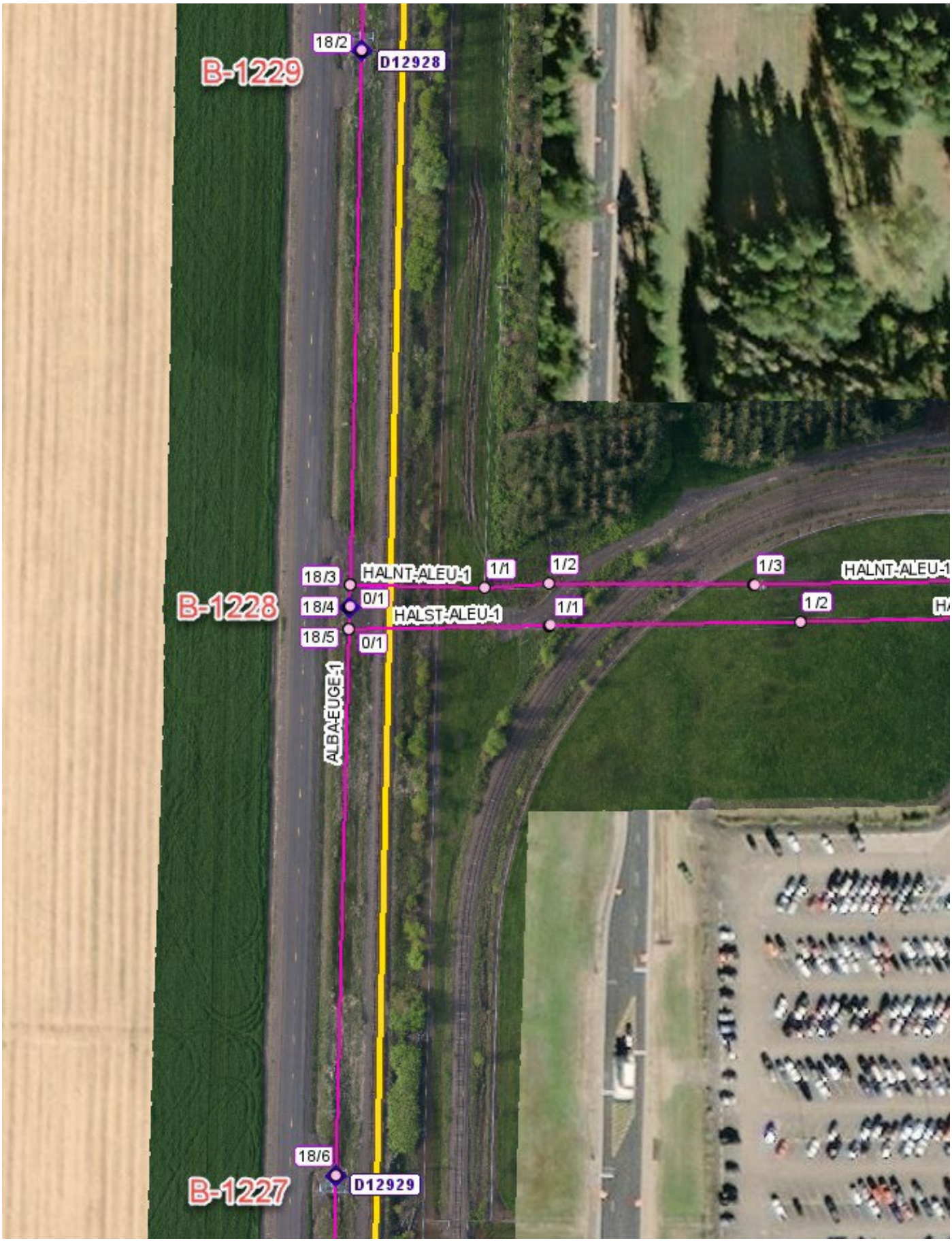
Froman Tap Lat: 44.57156° N Lon: 123.04621° W And 8/6 Switch Lat: 44.55716° N Lon: 123.00861° W



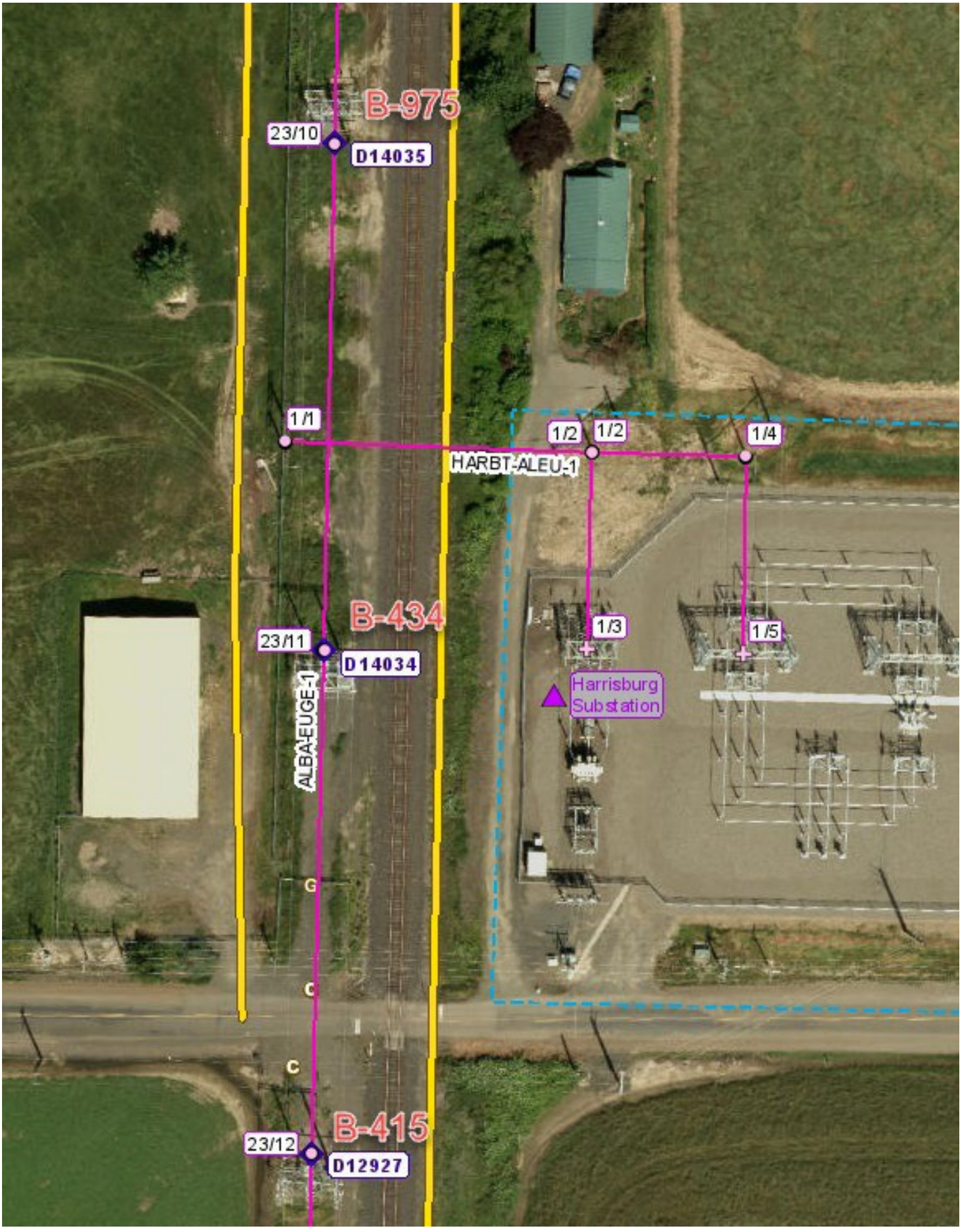
Green Valley Tap



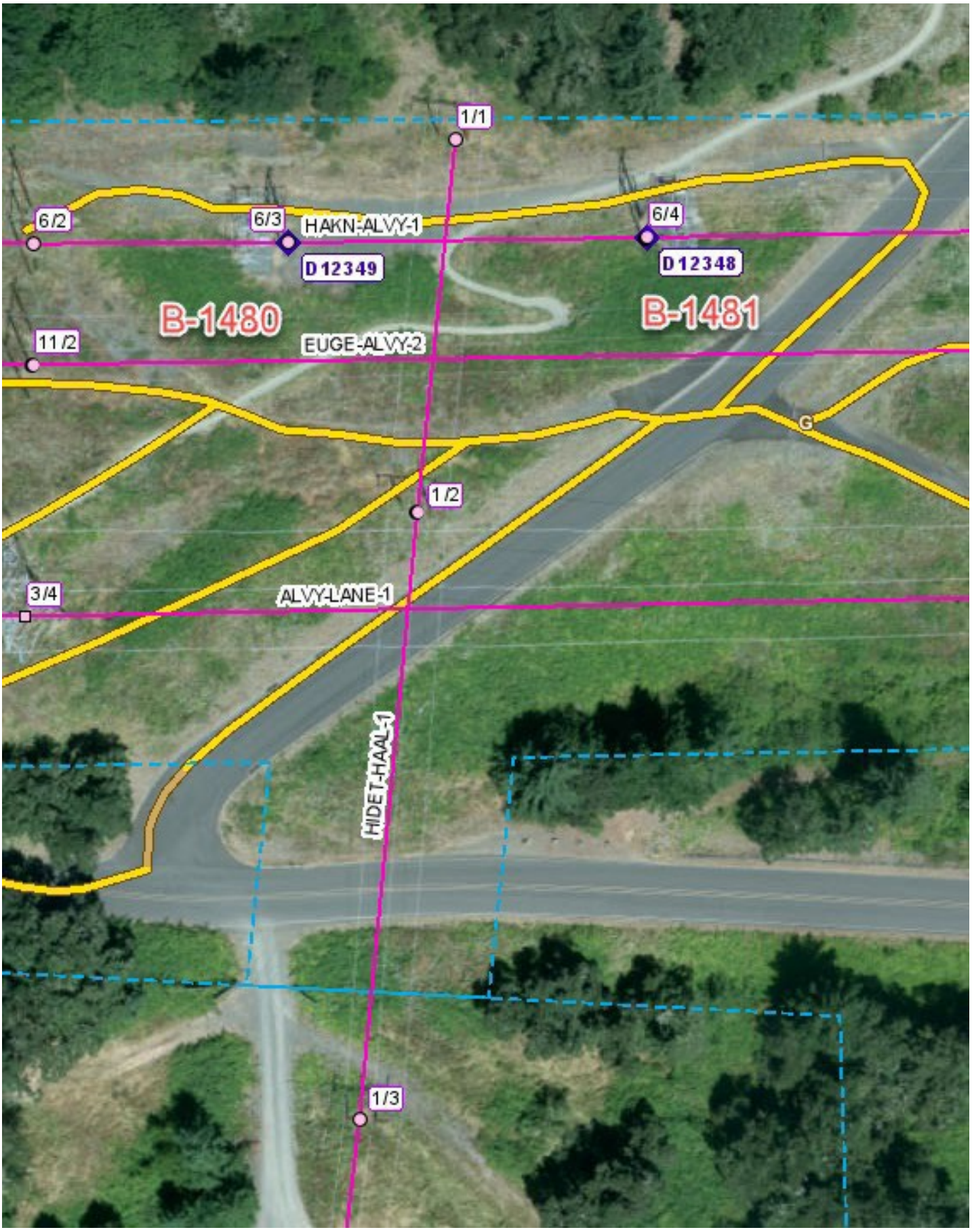
Halsey Mill Tap



Harrisburg Tap



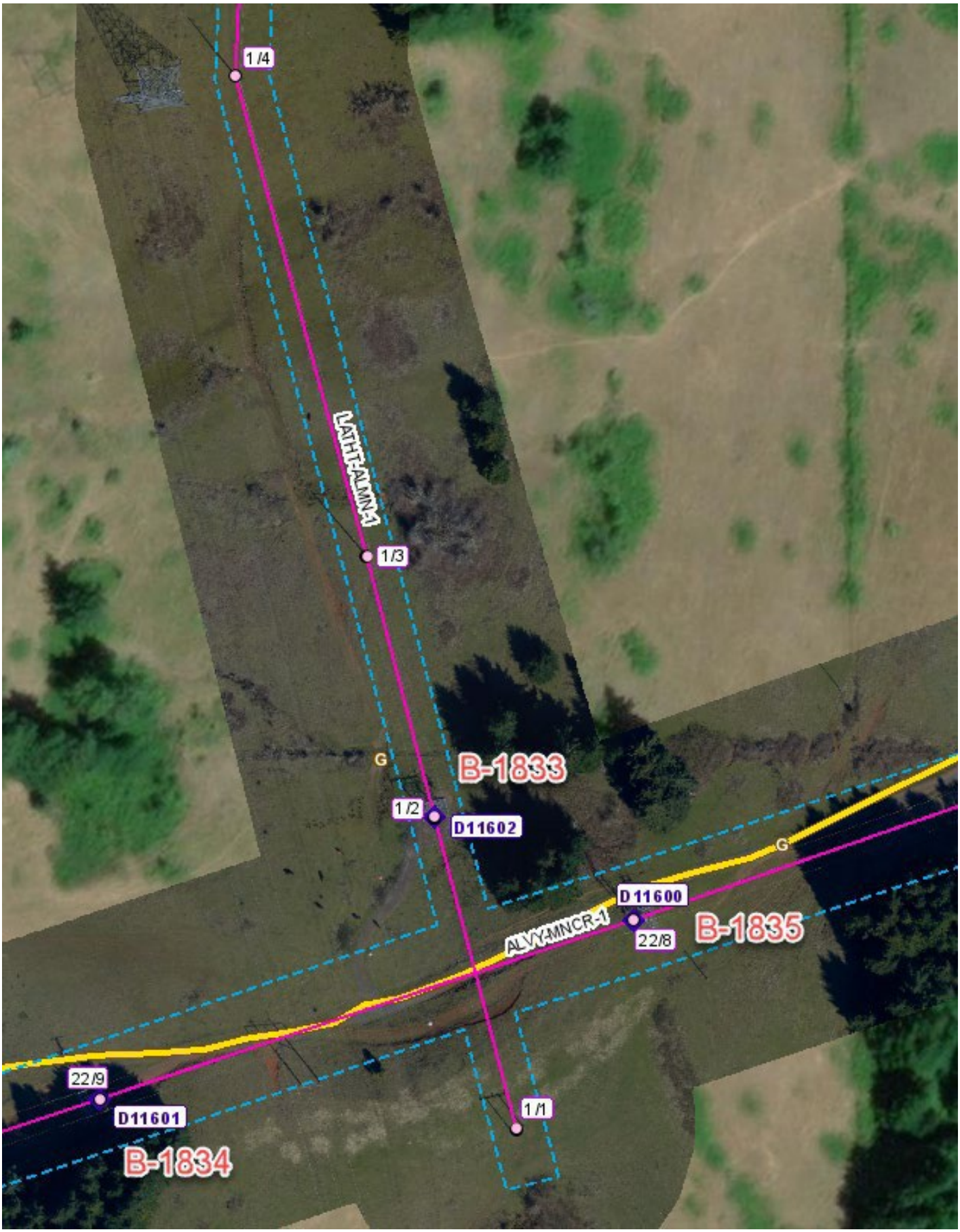
Hideaway Tap



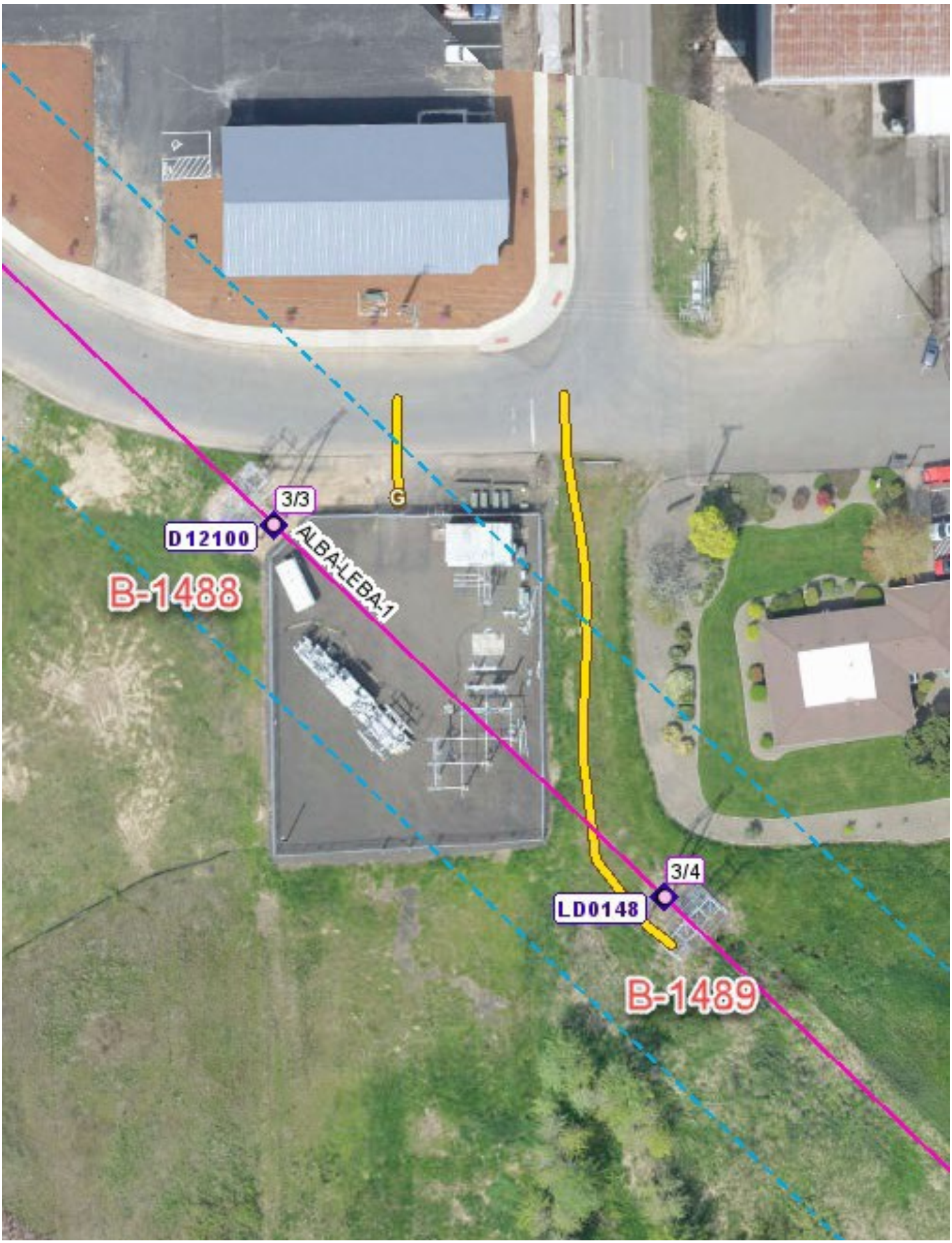
Junction City Tap



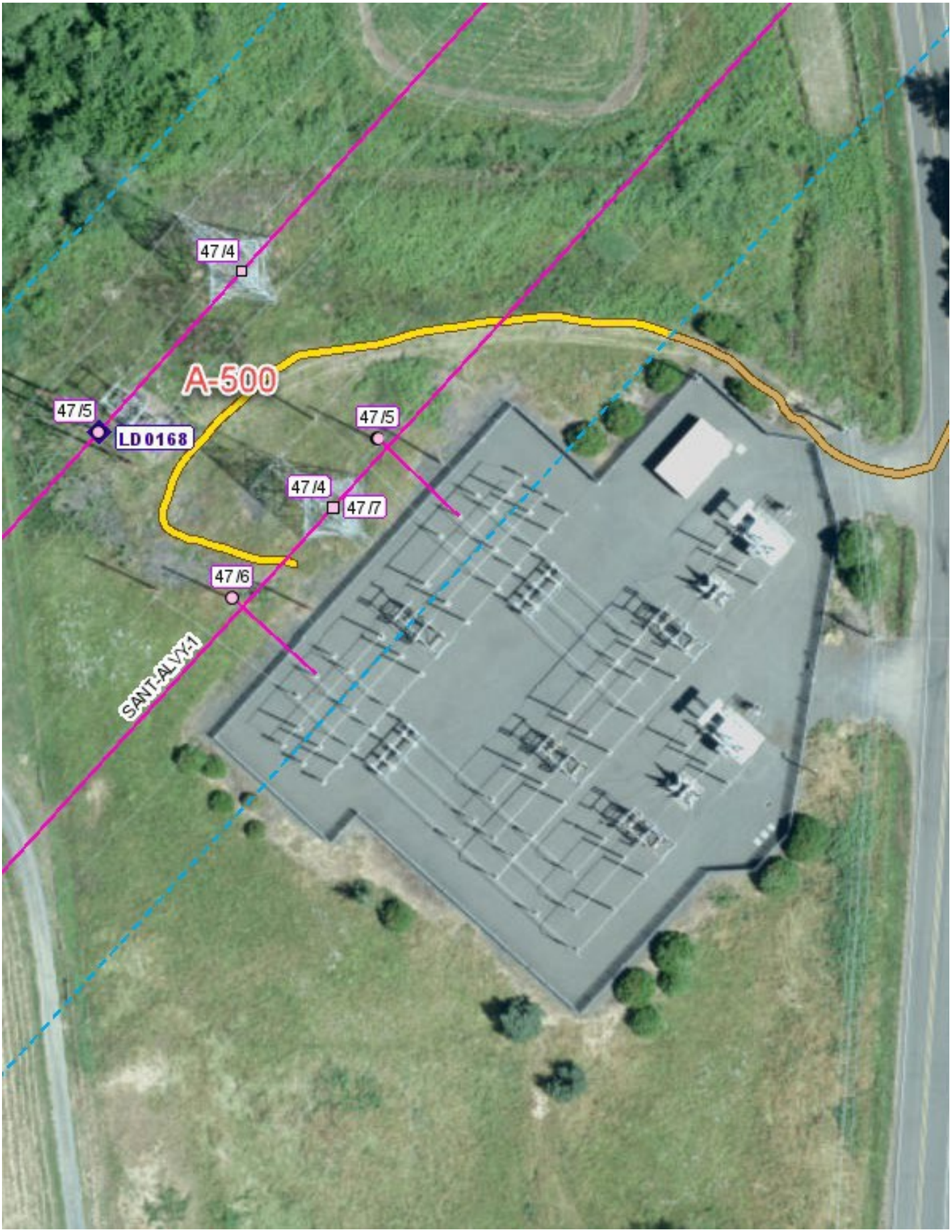
Latham Tap


Lat: 43.74666° N
Lon: 123.09392° W
1 /4
LATHT-ALMN-1
1 /3
G
B-1833
1 /2
D11602
G
D 11600
ALVY-MNCR-1
B-1835
22 /8
22 /9
D11601
B-1834
1 /1

Lochner Tap

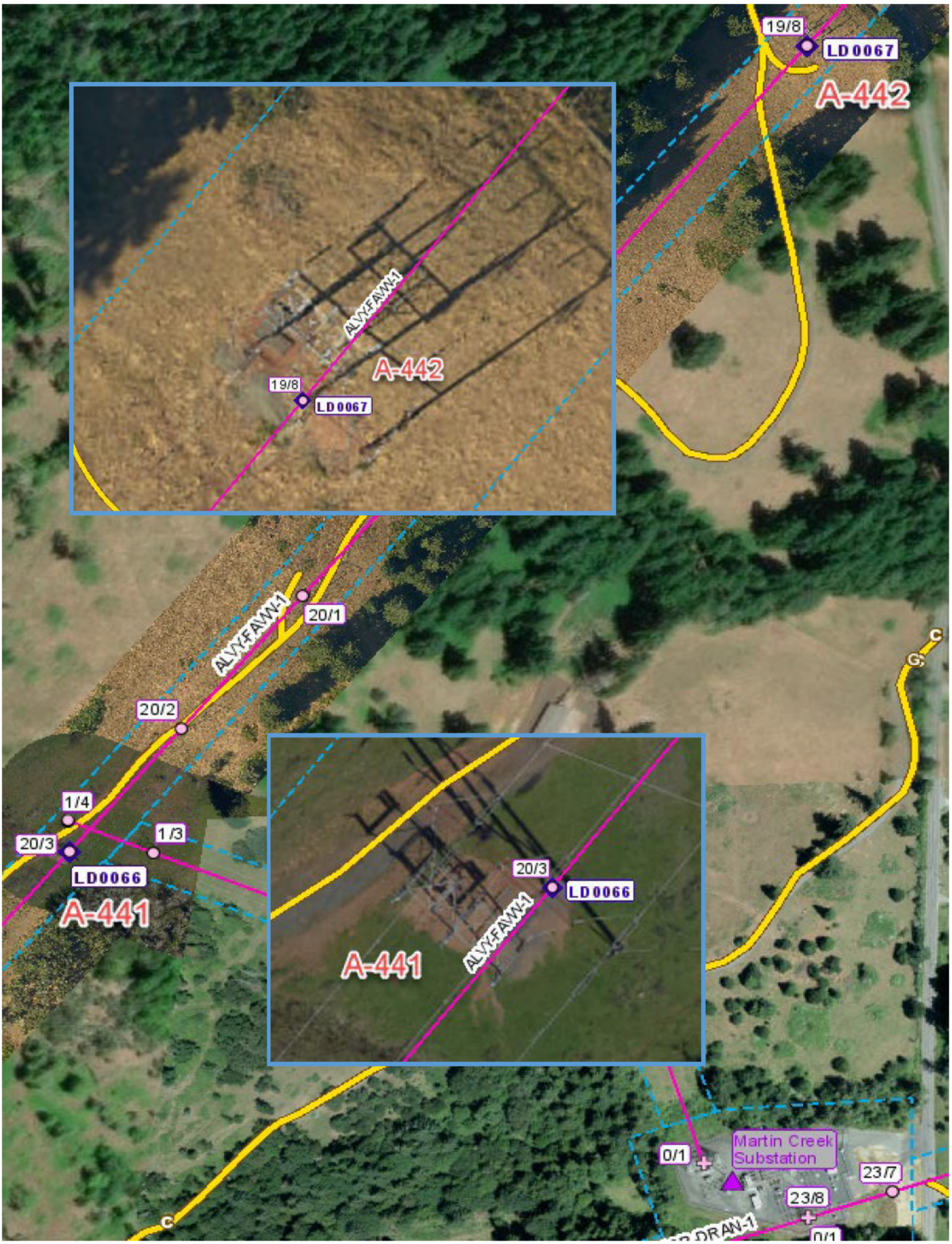

Lat: 44.60059° N
Lon: 123.09783° W
3/3
D12100
ALBA-LEBA-1
B-1488
G
3/4
LD0148
B-1489

Marcola Tap

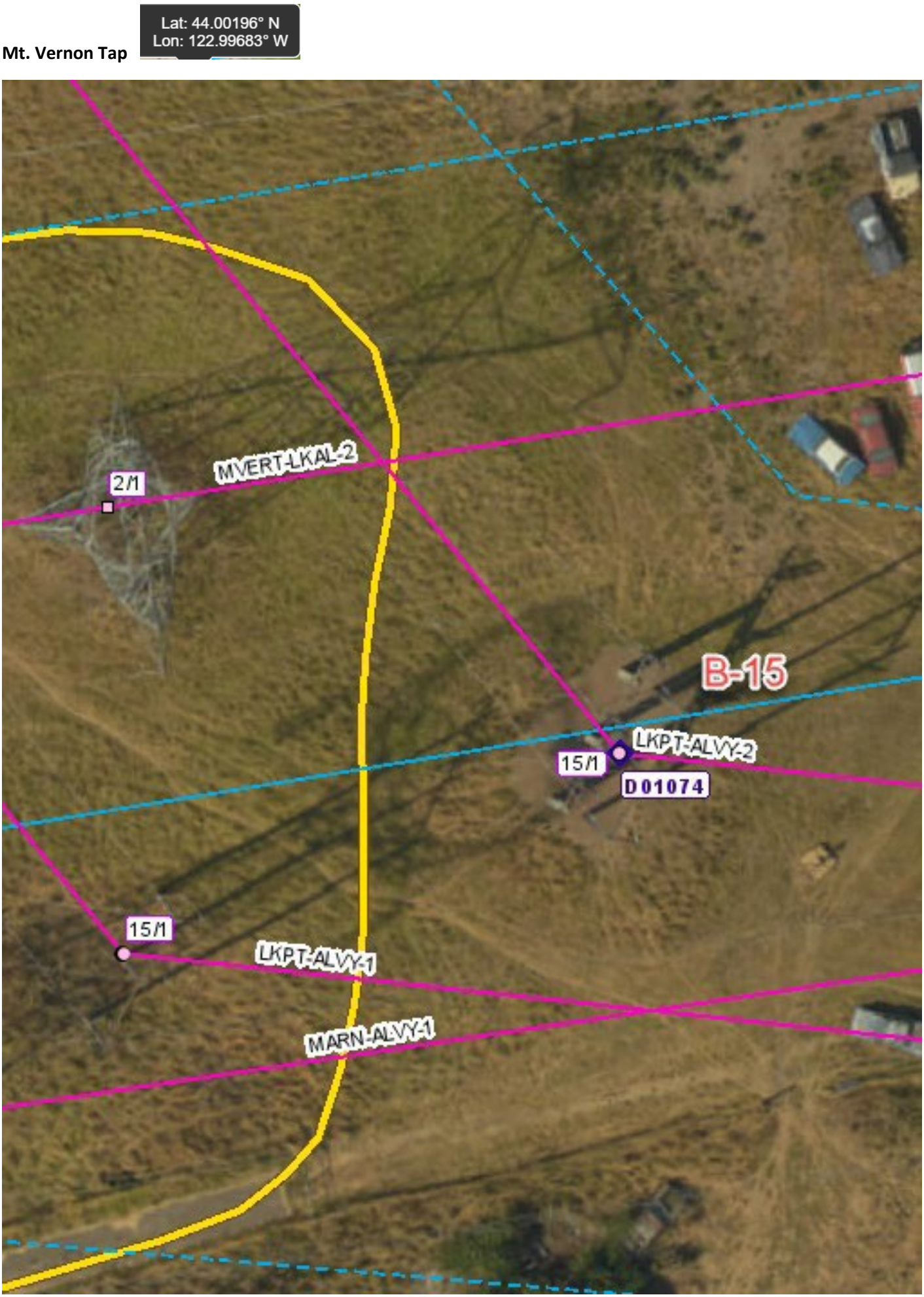

Lat: 44.17052° N
Lon: 122.87844° W
47/4
A-500
47/5
LD0168
47/5
47/4
47/7
47/6
SANT-ALY-1

Martin Creek Tap 19/8 Lat: 44.17052° N Lon: 122.87844° W and 20/3 Lat: 43.74363° N Lon: 123.11824° W

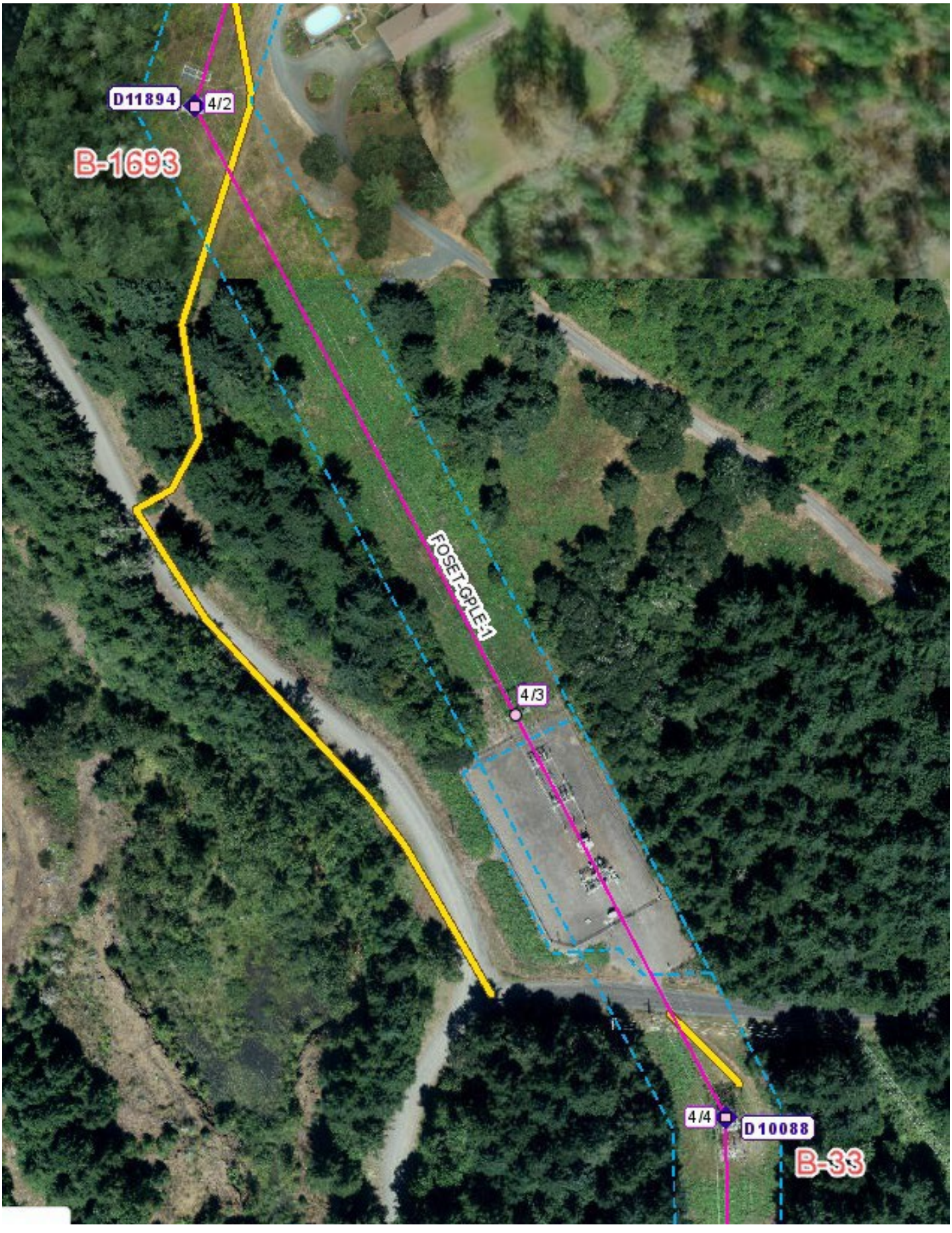
Per Owner and BPA agreement, Owner must have 24-hour notice before entering property. (b) (6)



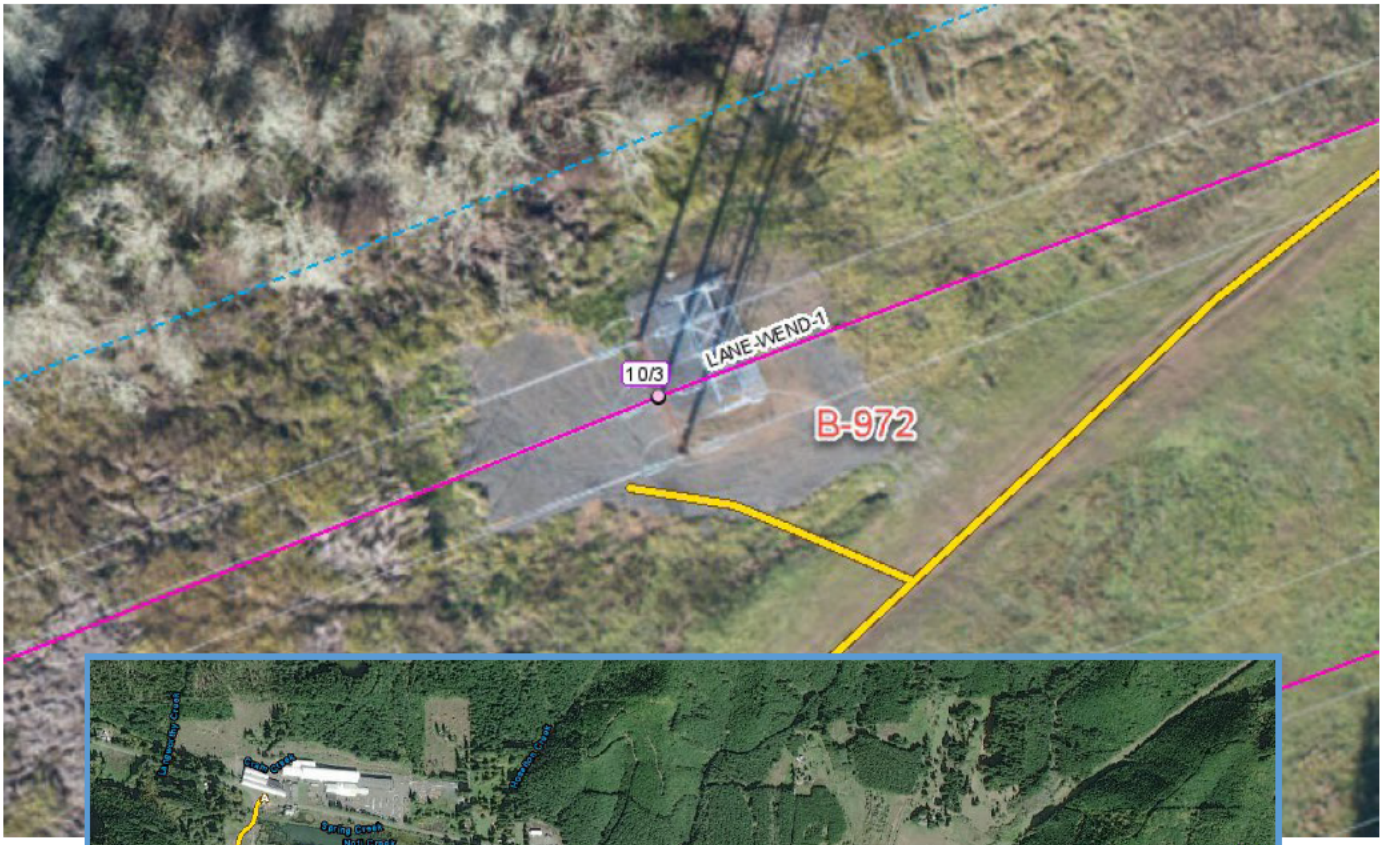
Mt. Vernon Tap

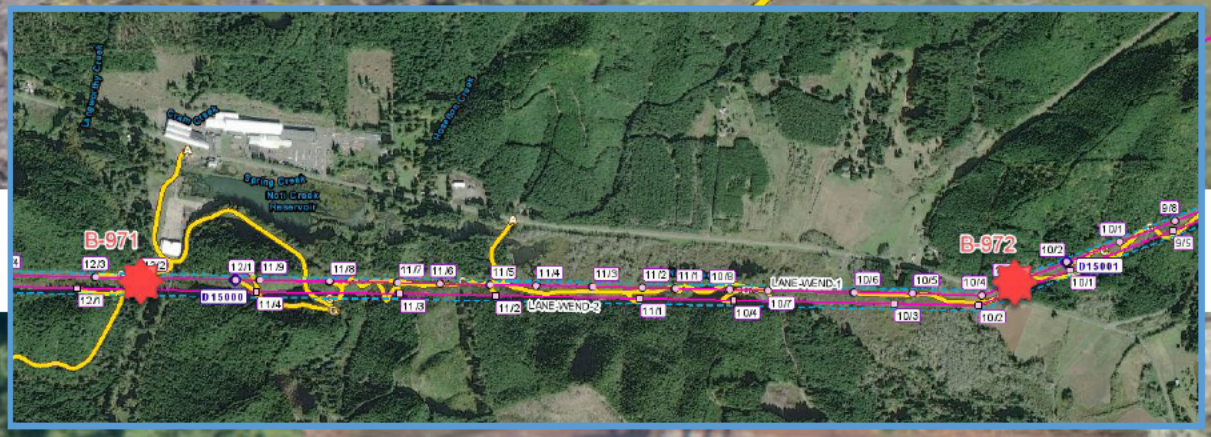


North Butte Tap 4/2 and 4/4



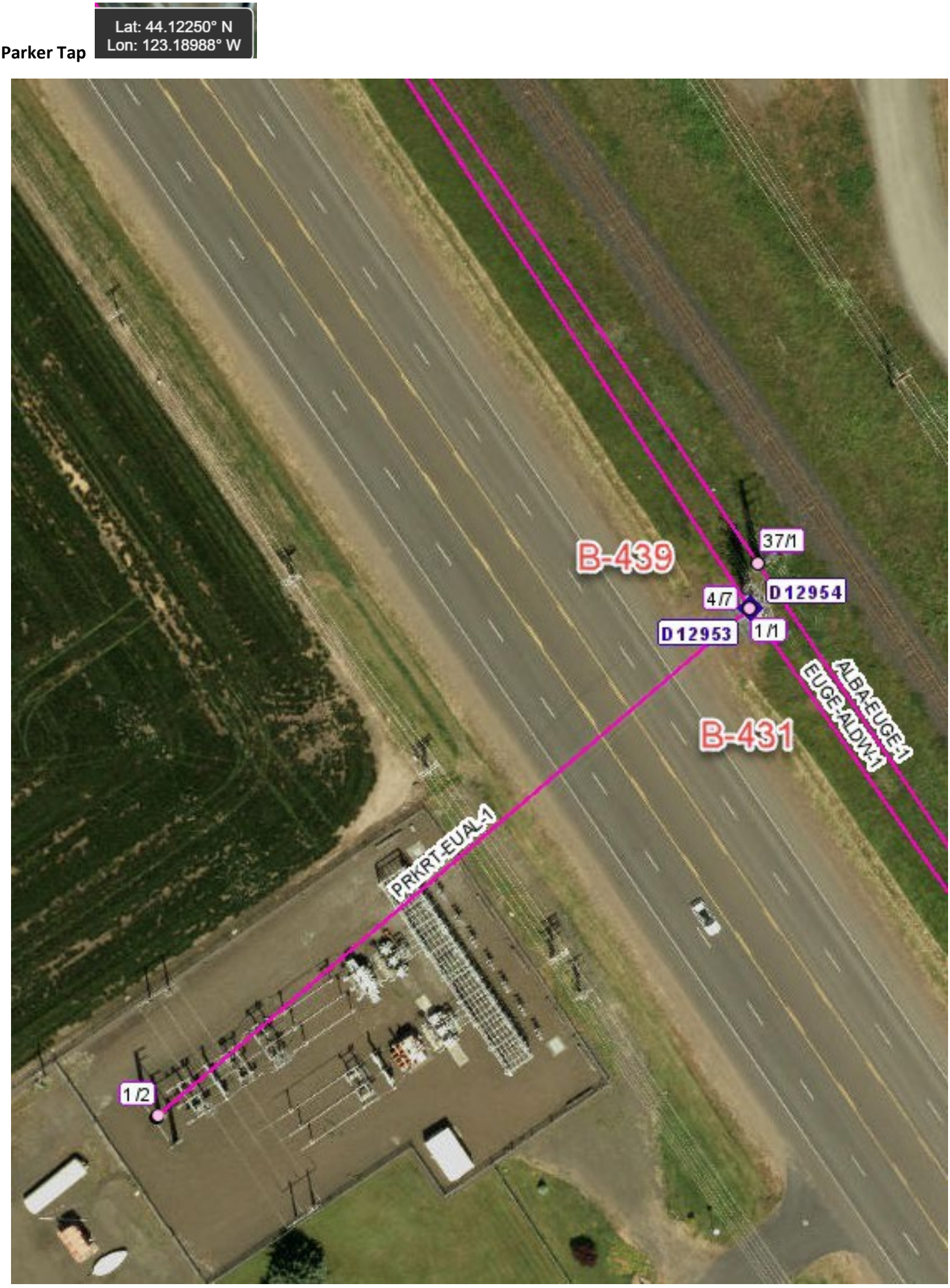
Noti Creek Tap 10/3 Lat: 44.01868° N Lon: 123.39846° W **and 12/2** Lat: 44.01884° N Lon: 123.43793° W







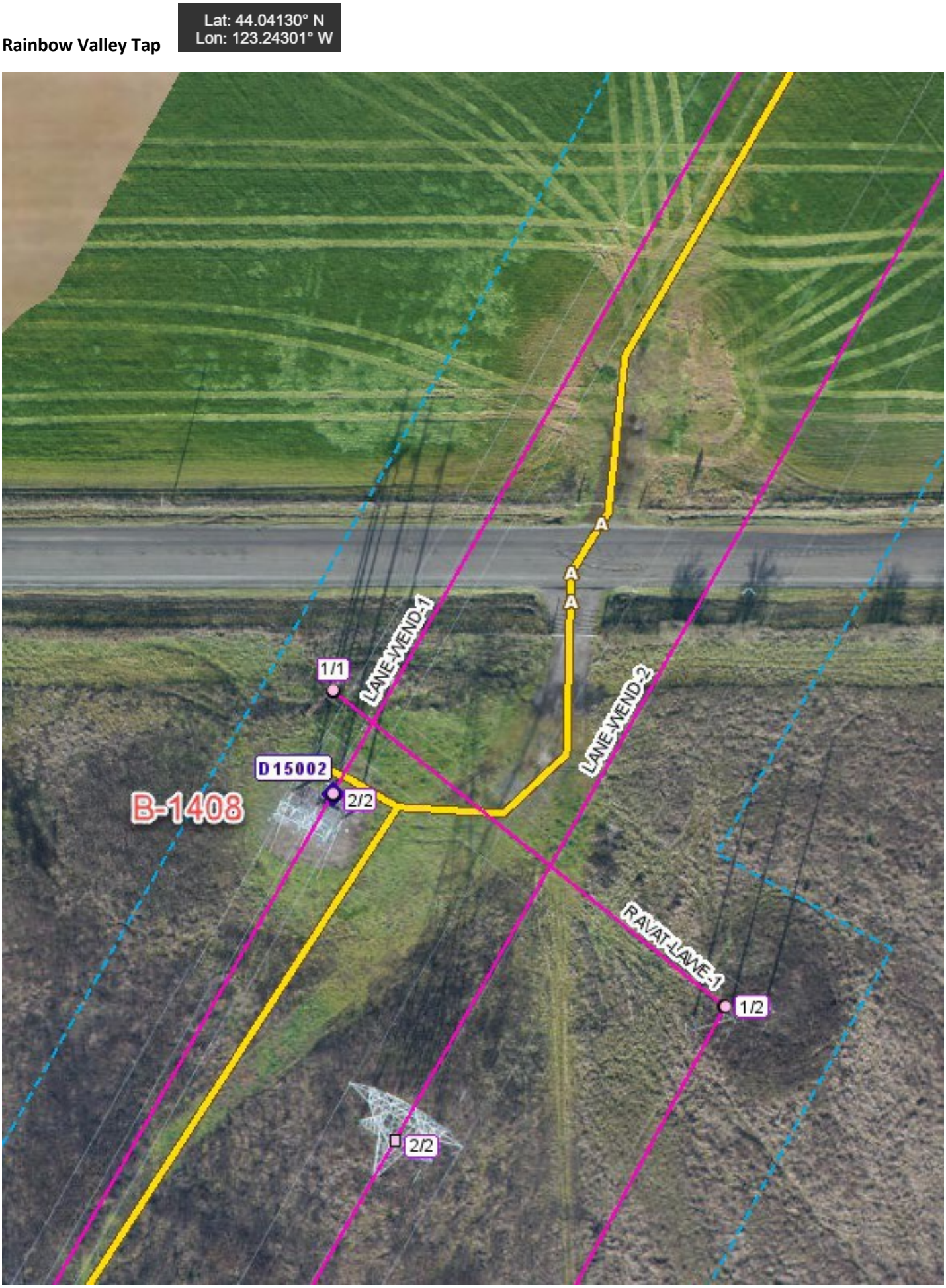
Parker Tap


Lat: 44.12250° N
Lon: 123.18988° W
B-439
37/1
4/7
D12954
D12953
1/1
B-431
ALBA-EUGE-1
EUGE-ALDW-1
PRKRT-EUAL-1
1/2

Pleasant Hill Tap



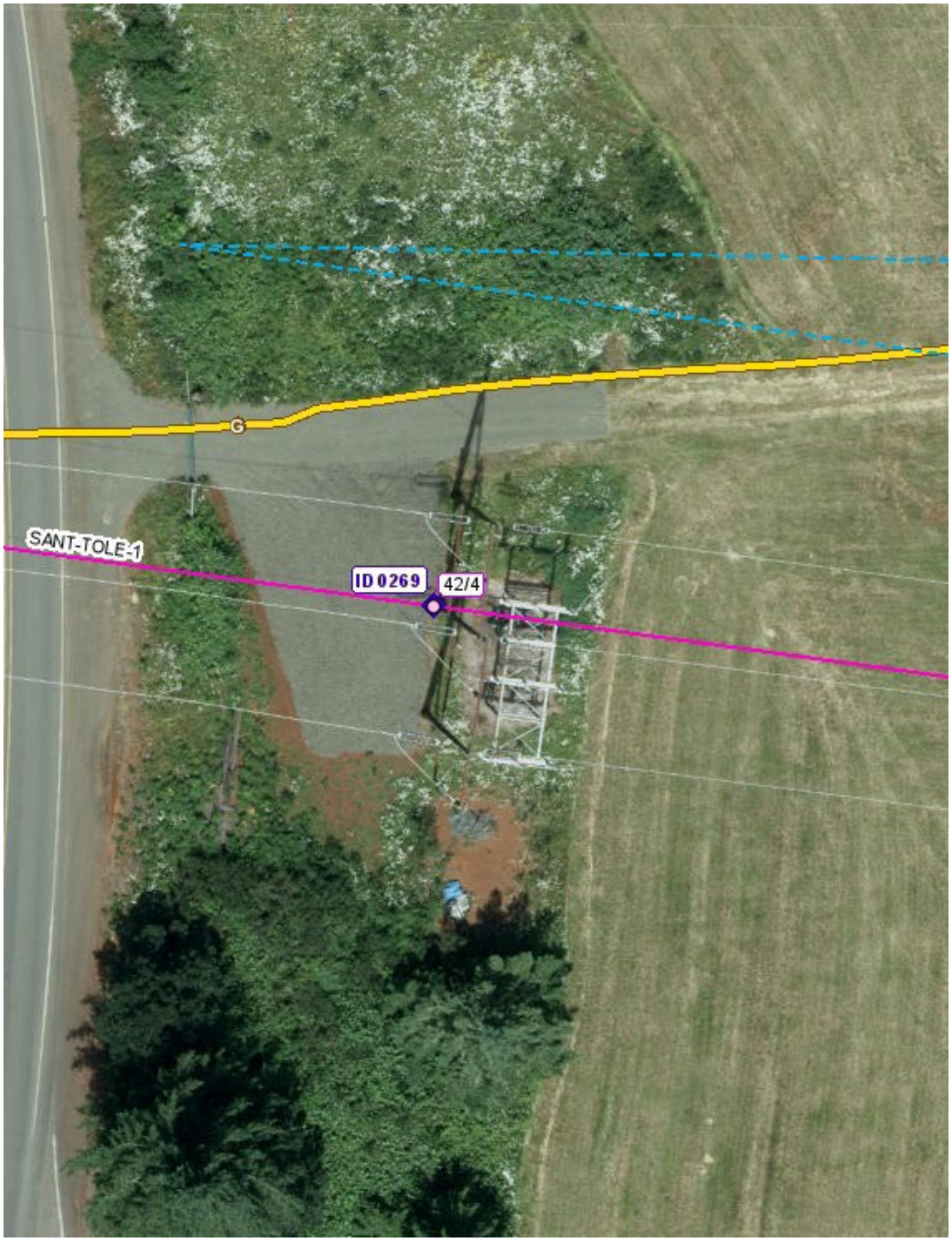
Rainbow Valley Tap

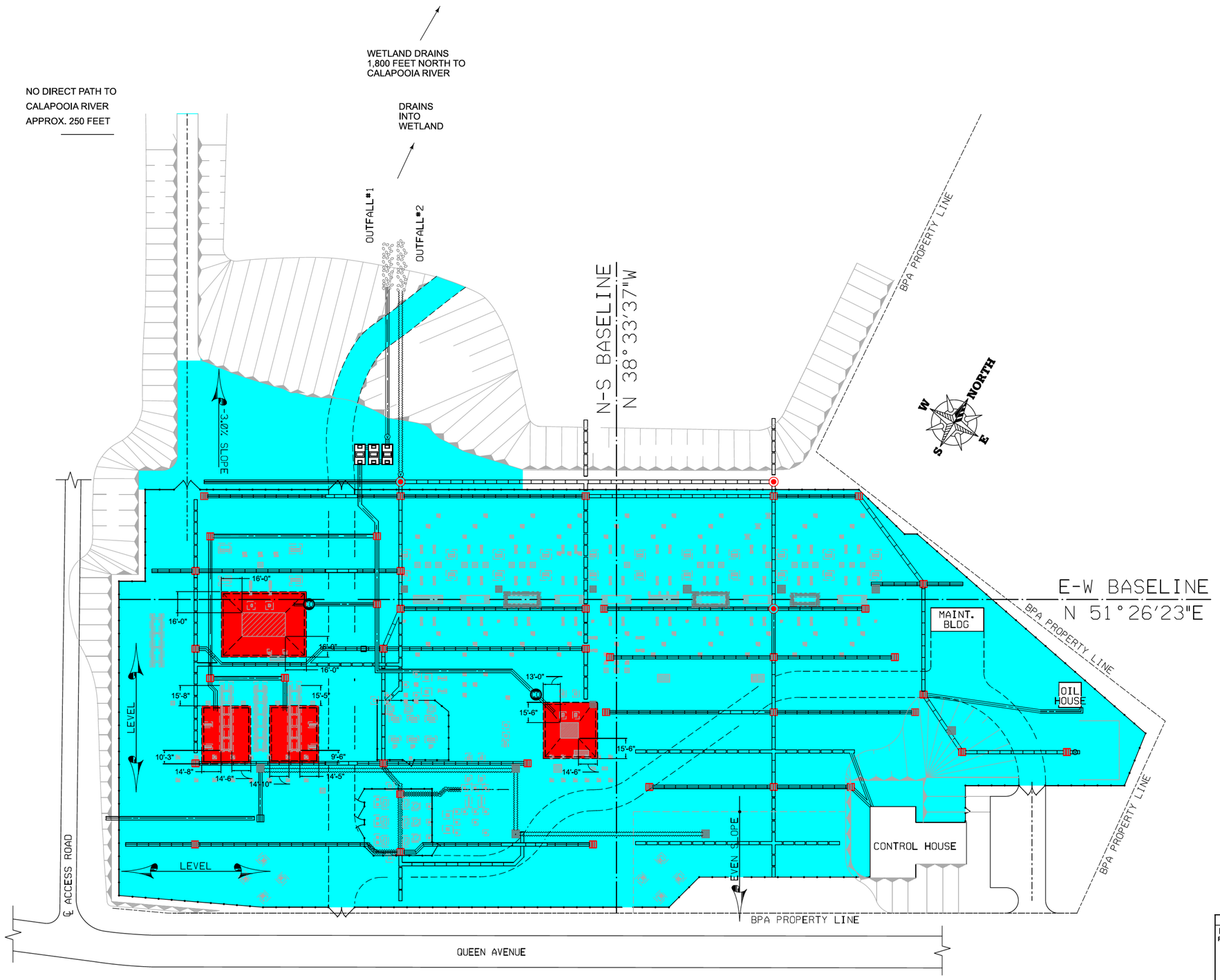


Walton Tap


Lat: 44.03346° N
Lon: 123.59036° W
LANE-WEND-2
20/1
D14997
Walton
Substation
20/1.1
LANE-WEND-1
B-959

Wren Tap





VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

5 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR
OWS/CPS

GEOMEMBRANE LINER
OIL CONTAINMENT AREA

FOOTING

DRAINAGE CATCH BASINS

ENVIRONMENTAL
POLLUTION PREVENTION
& ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

ALBANY SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/24/2023	SEP	BPA A1	ALBA_VEG	1 OF 1

500kV YARD - **SHEET 2**

115/230kV YARD
SHEET 3

(SEE SHEETS 2-5 FOR TREATMENT DETAILS)

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

24 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SENSITIVE AREAS

SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

UNLINED CONTAINMENT POND

POND

OIL WATER SEPARATOR OWS/CPS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

DRAINAGE CATCH BASINS

230/500kV YARD
SHEET 4

MAINTENANCE YARD
SHEET 5

Additional maps at smaller scale available upon request after contract award

W S NORTH E

SCALE 1" = 120'-0" 0 60 120 240 360 FT

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

ALVEY SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET	REVISION
3/22/2024	SEP	BPA A1	ALVY_VEG	1 OF 5	0

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

2 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

B. DRINKING WATER/WELL SOURCE

NO CHEMICAL TREATMENT WITHIN A 50' RADIUS AROUND WELL/SOURCE.

D. GROUNDWATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A GROUND WATER ADVISORY ANYWHERE AT THIS SITE. UNLESS OTHERWISE INDICATED IN SITE SPECIFIC NOTES. (SEE APPROVED HERBICIDE LIST)

DO NOT APPLY CHEMICAL TREATMENT

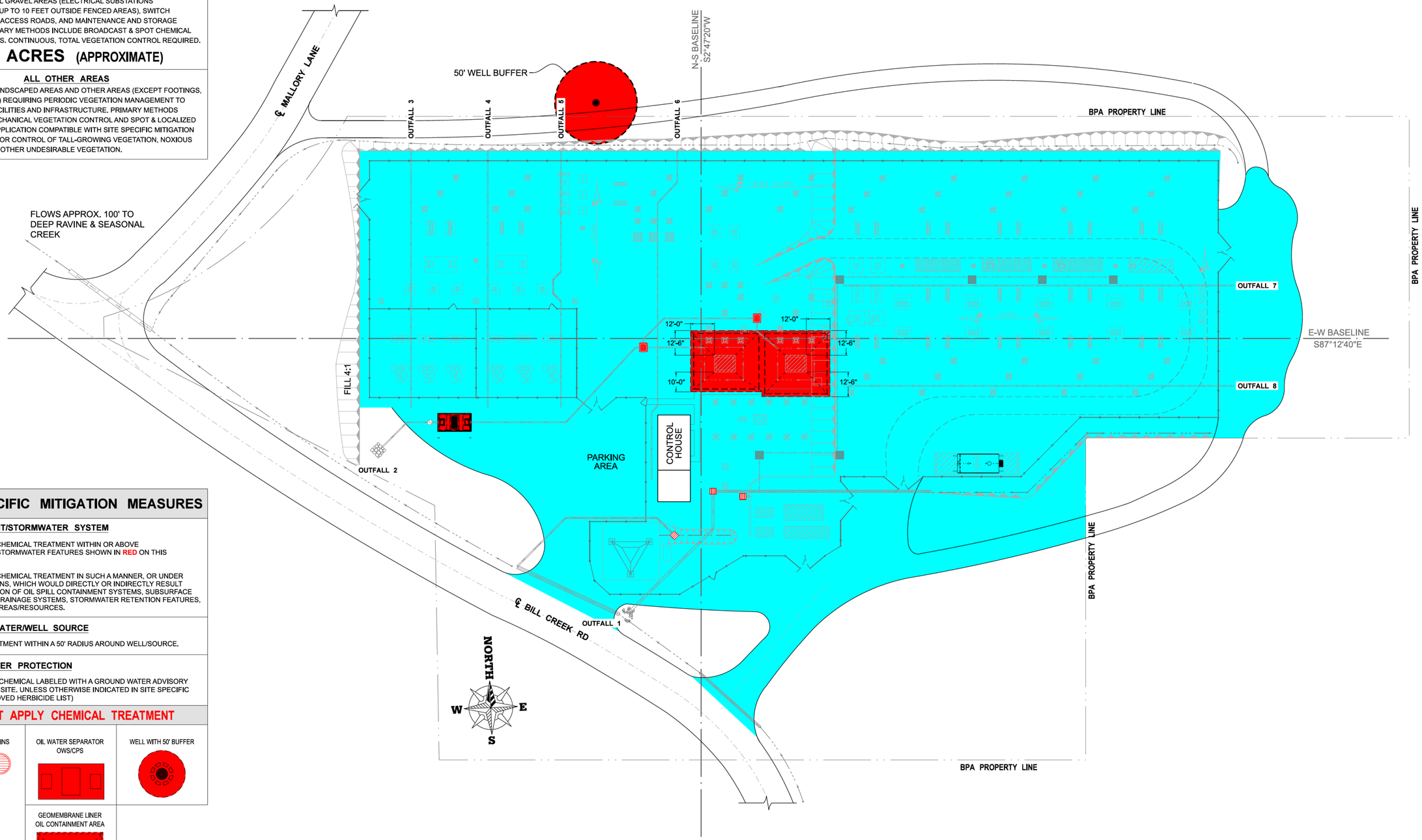
DRAINAGE CATCH BASINS

OIL WATER SEPARATOR OWS/CPS

WELL WITH 50' BUFFER

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING



ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

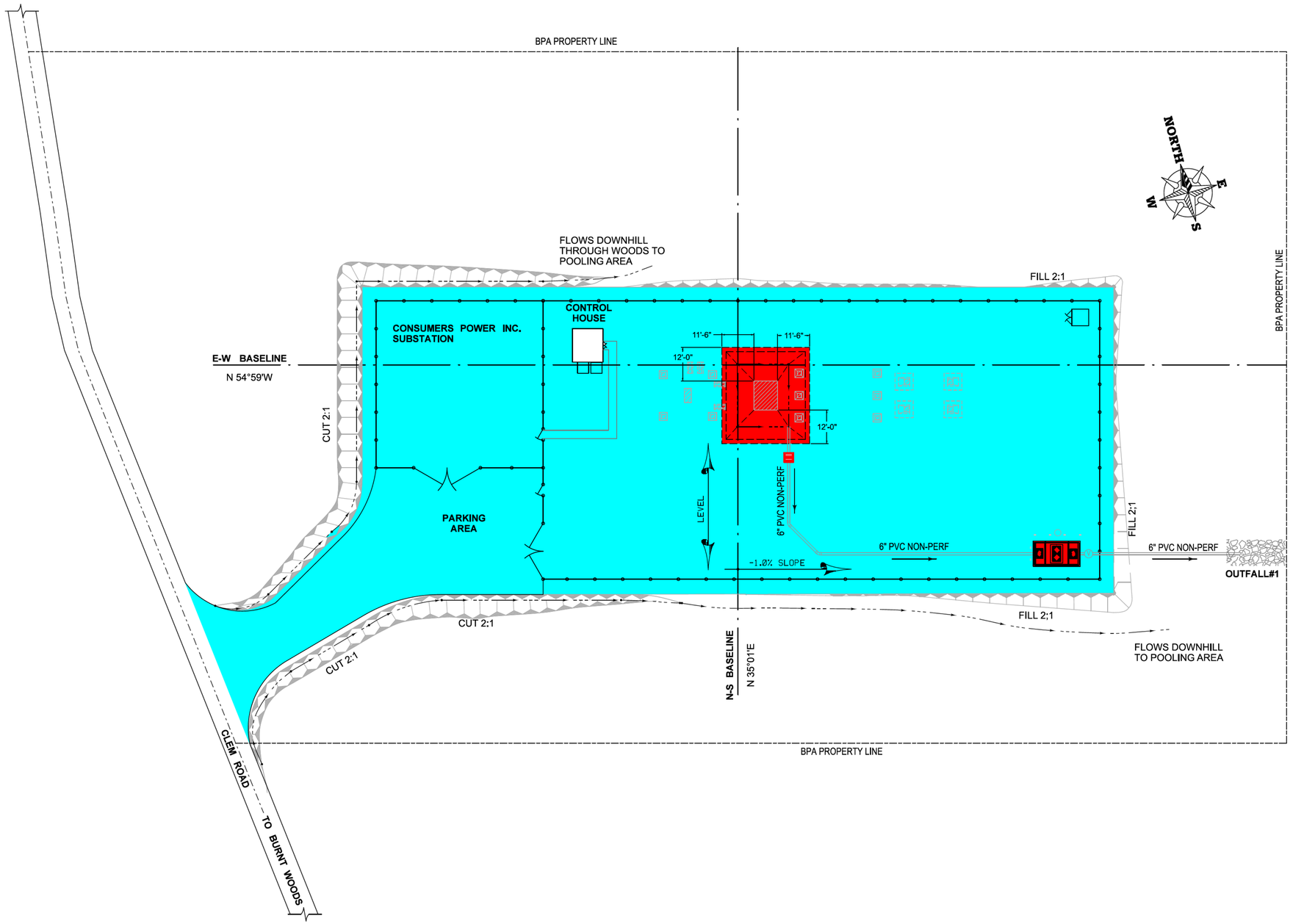
BONNEVILLE POWER ADMINISTRATION

UNITED STATES DEPARTMENT OF ENERGY

BANDON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE NB Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/24/2023	SEP	BPA A1	BAND_VEG	1 OF 1



APPROX. 685' TO UNNAMED STREAM FLOWING SOUTH TO PONDS AND TUM TUM RIVER

SCALE 1" = 20'-0" 0 10 20 40 60 FT

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.7 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

BURNT WOODS SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/21/2023	SEP	BPA A1	BUWD_VEG	1 OF 1

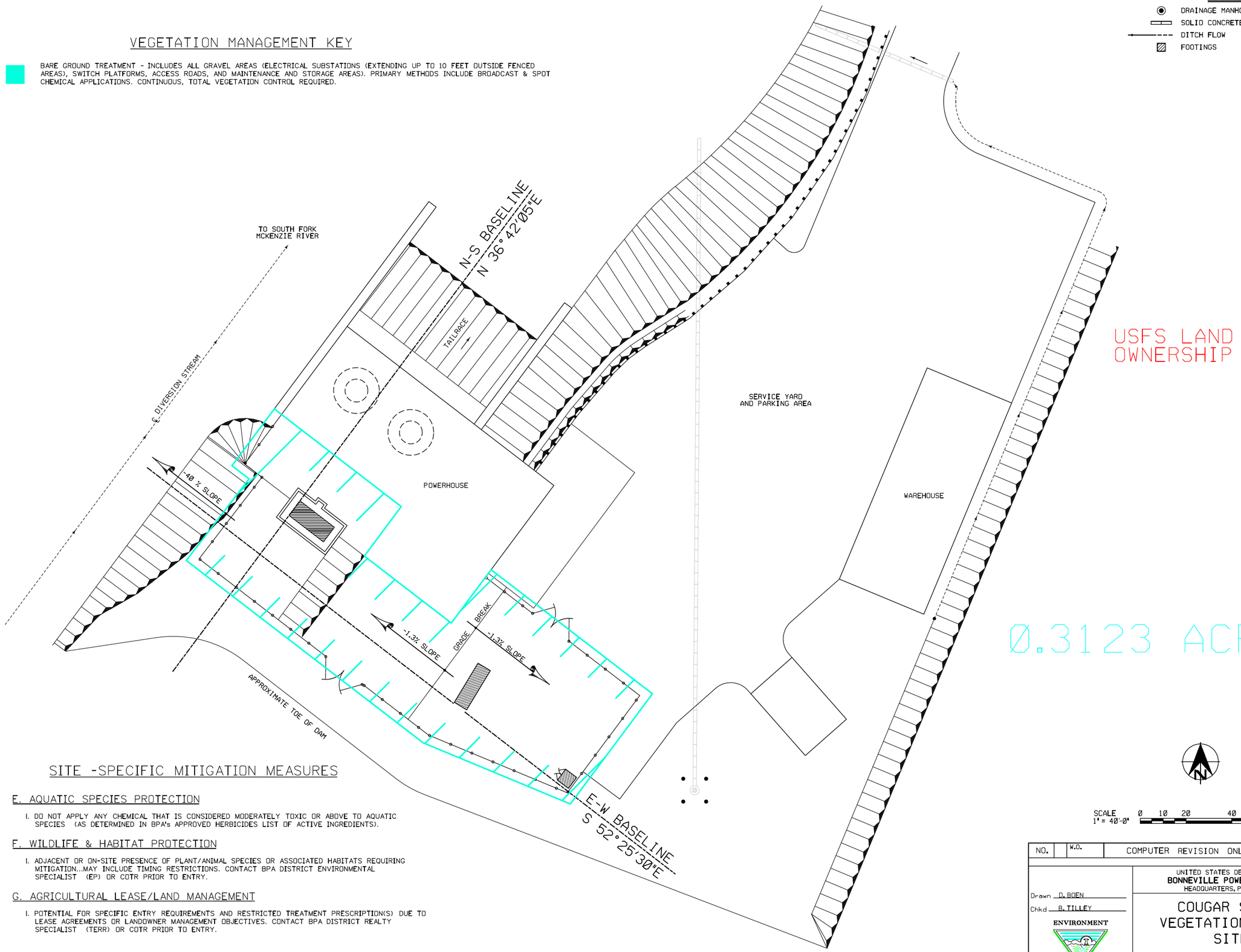
TRIM LINE

TRIM LINE

DATE

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.



SITE -SPECIFIC MITIGATION MEASURES

E. AQUATIC SPECIES PROTECTION

1. DO NOT APPLY ANY CHEMICAL THAT IS CONSIDERED MODERATELY TOXIC OR ABOVE TO AQUATIC SPECIES (AS DETERMINED IN BPA's APPROVED HERBICIDES LIST OF ACTIVE INGREDIENTS).

F. WILDLIFE & HABITAT PROTECTION

1. ADJACENT OR ON-SITE PRESENCE OF PLANT/ANIMAL SPECIES OR ASSOCIATED HABITATS REQUIRING MITIGATION...MAY INCLUDE TIMING RESTRICTIONS. CONTACT BPA DISTRICT ENVIRONMENTAL SPECIALIST (EP) OR COTR PRIOR TO ENTRY.

G. AGRICULTURAL LEASE/LAND MANAGEMENT

1. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTRICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

NO.	W.O.	COMPUTER REVISION ONLY

Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 12/7/2016

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

COUGAR SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST EUGENE REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
CUGR	SEP	A1	1 OF 1	Ø

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

LANDSCAPING - INCLUDES AREAS WITH LAWNS REQUIRING FERTILIZATION AND BROADLEAF CONTROL, AS WELL AS ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL. PRIMARY METHODS INCLUDE MANUAL AND MECHANICAL VEGETATION CONTROL, AND SPOT CHEMICAL APPLICATIONS FOR BROAD LEAF CONTROL.

XERISCAPING - INCLUDES AREAS DESIGNED FOR MINIMAL MAINTENANCE AND WATER USE. SEE ATTACHED XERISCAPE PLAN FOR SPECIFIC FACILITY.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

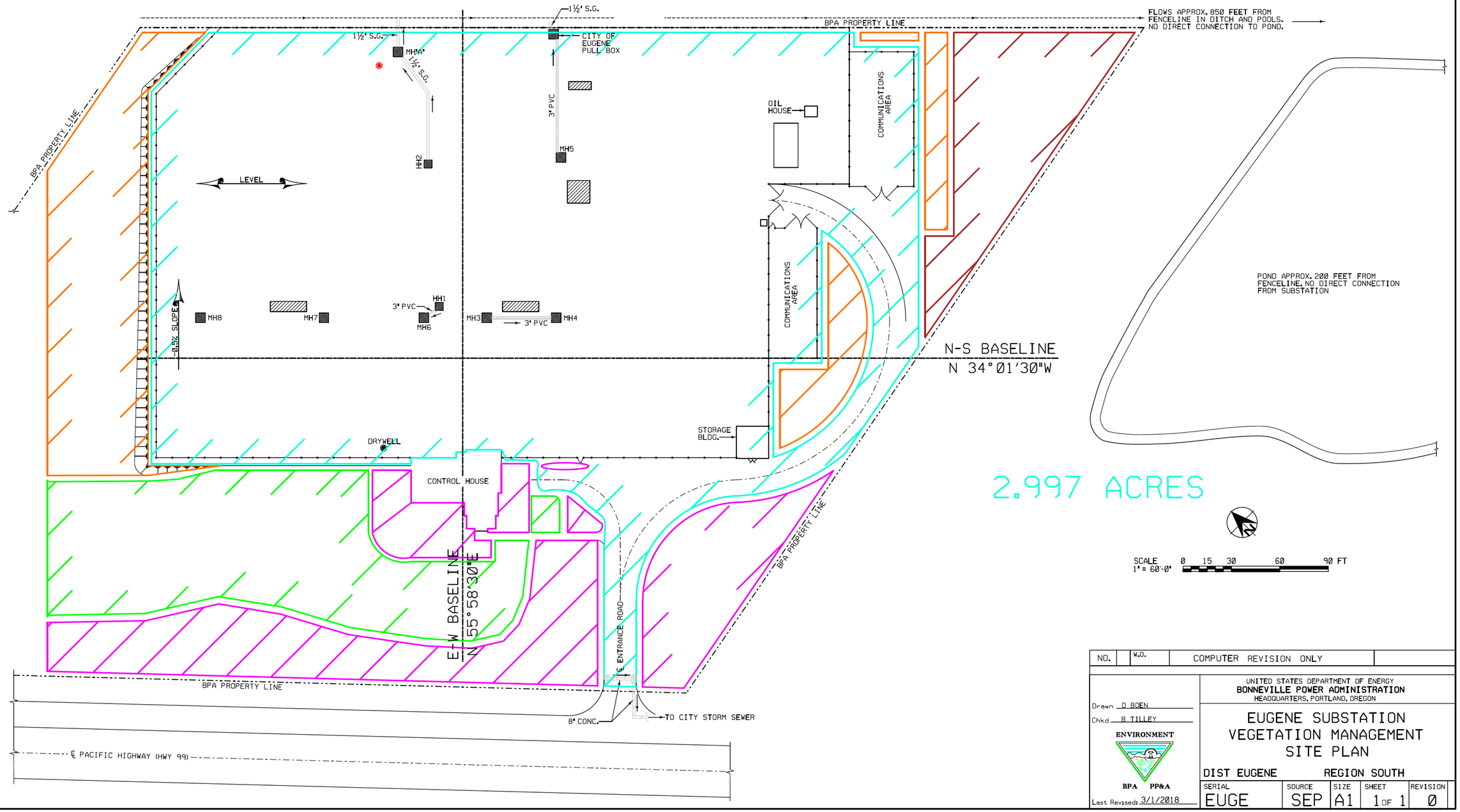
I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS, DRY WELLS, AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED TATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

B. DRINKING WATER WELL/SOURCE

I. MAINTAIN A 50' RADIUS BUFFER AROUND WELL/SOURCE. UTILIZE NON-HERBICIDE METHODS WITHIN BUFFER.
IF OTHERWISE NOTED, NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES MAY BE APPLIED WITHIN THE BUFFER.
II. MAINTAIN A 164' RADIUS BUFFER AROUND WELL/SOURCE IF UTILIZING PRODUCTS THAT HAVE A SURFACE AND/OR GROUND WATER LABEL ADVISORY.

C. SURFACE WATER PROTECTION

I. DO NOT APPLY ANY CHEMICAL HAVING A SURFACE WATER LABEL ADVISORY DUE TO POTENTIAL PRESENCE OF SURFACE WATER AT OR ADJACENT TO FACILITY.



2.997 ACRES

SCALE 1" = 60'-0" 0 15 30 60 90 FT

NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

Drawn D BOEN
Chkd B TILLEY
ENVIRONMENT
BPA PP&A
Last Revised: 3/1/2018

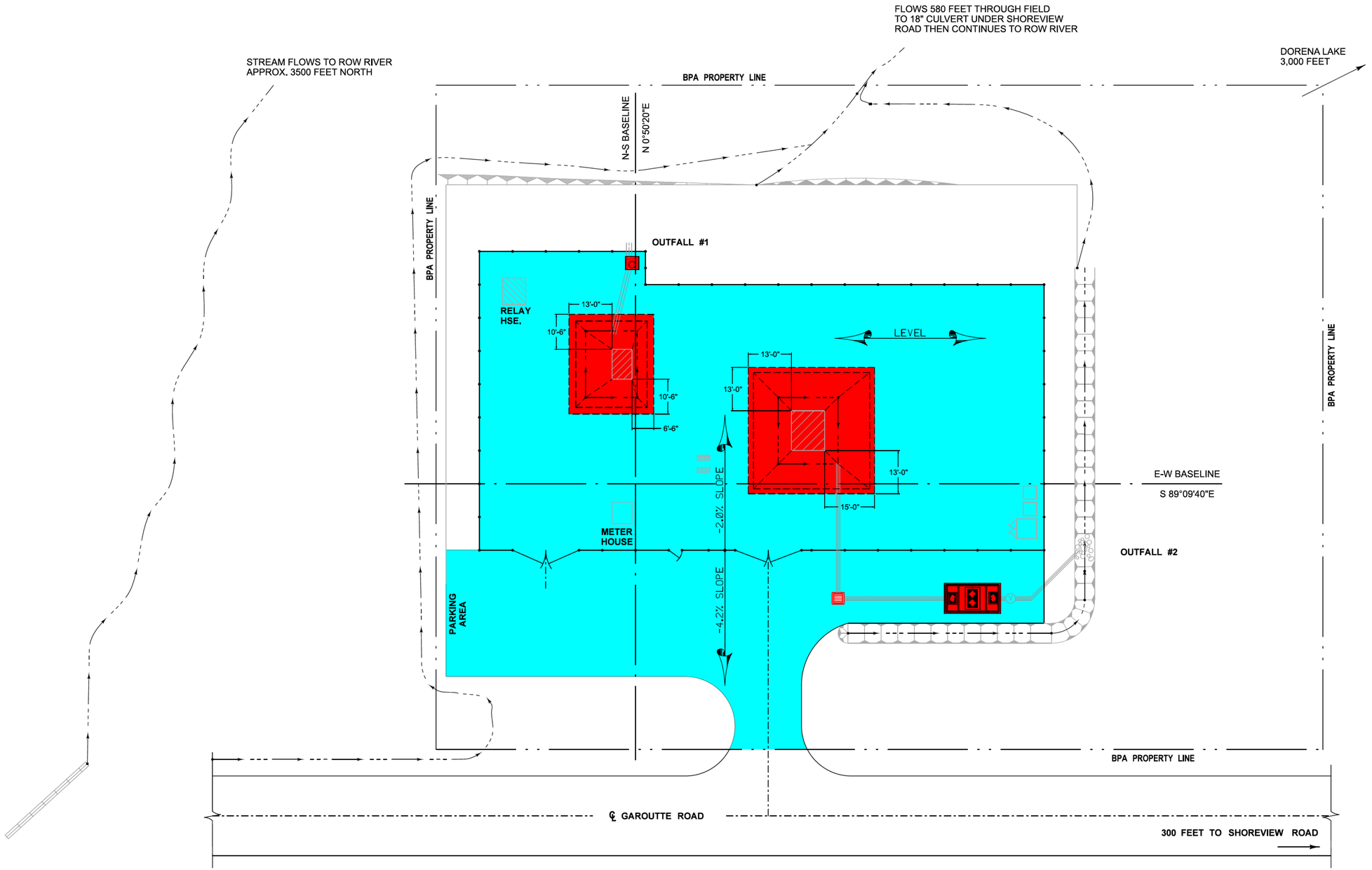
EUGENE SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST EUGENE REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
EUGE	SEP	A1	1 OF 1	Ø

DATE

TRIM LINE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.4 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

G. AGRICULTURAL LEASE/LAND MANAGEMENT

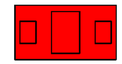
POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

DO NOT APPLY CHEMICAL TREATMENT

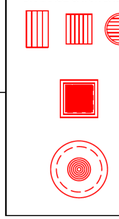
GEOMEMBRANE LINER OIL CONTAINMENT AREA



OIL WATER SEPARATOR OWS/CPS



DRAINAGE CATCH BASINS



SCALE 1/16" = 1'



ENVIRONMENTAL
POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

DORENA SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/25/2023	SEP	BPA A1	DORE_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

1.4 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

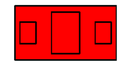
II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

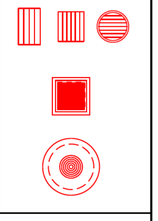
GEOMEMBRANE LINER OIL CONTAINMENT AREA



OIL WATER SEPARATOR OWS/CPS



DRAINAGE CATCH BASINS



ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

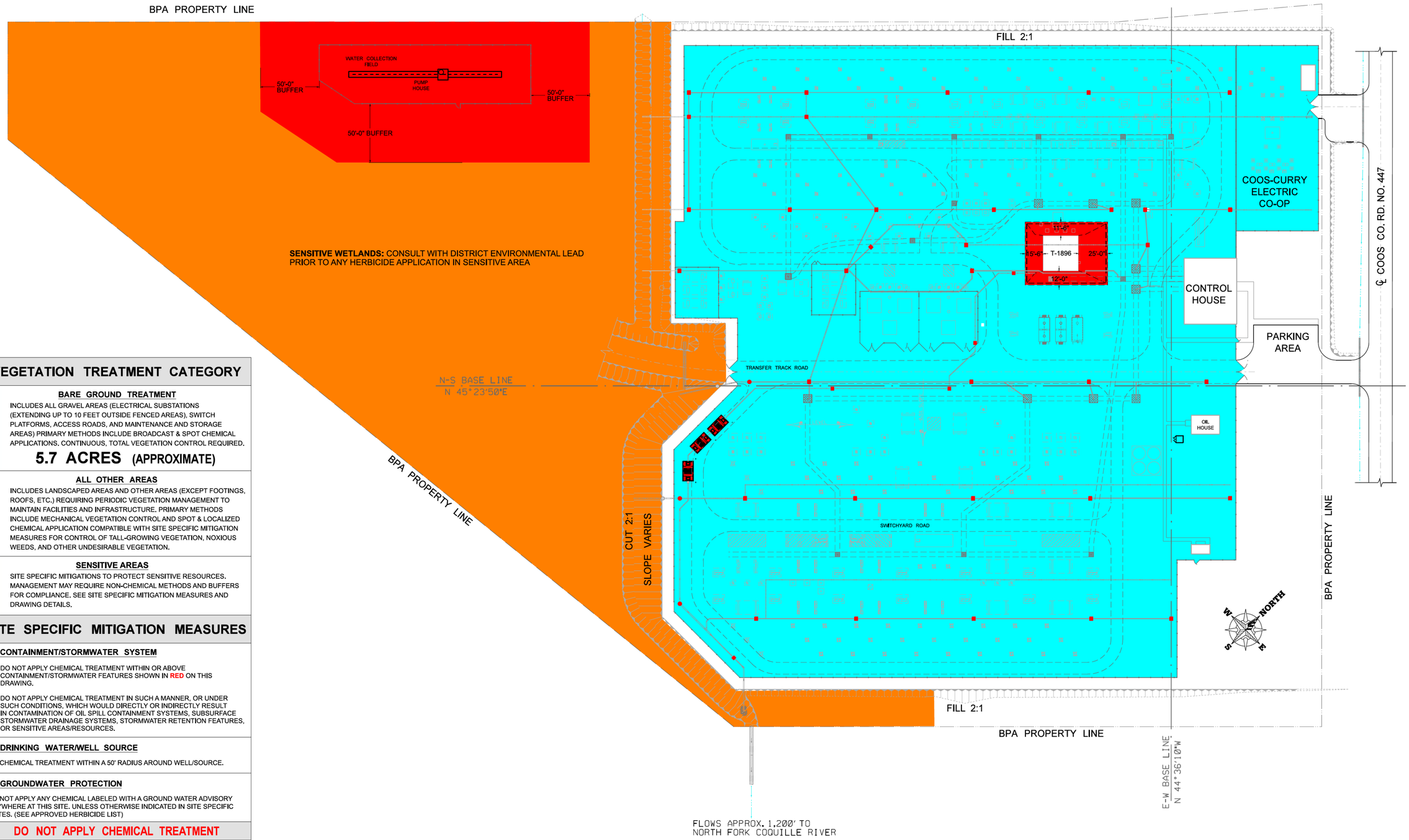
BONNEVILLE POWER ADMINISTRATION

UNITED STATES DEPARTMENT OF ENERGY

DRAIN SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/25/2023	SEP	BPA A1	DRAN_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

5.7 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SENSITIVE AREAS

SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

B. DRINKING WATER/WELL SOURCE

NO CHEMICAL TREATMENT WITHIN A 50' RADIUS AROUND WELL/SOURCE.

D. GROUNDWATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A GROUND WATER ADVISORY ANYWHERE AT THIS SITE. UNLESS OTHERWISE INDICATED IN SITE SPECIFIC NOTES. (SEE APPROVED HERBICIDE LIST)

DO NOT APPLY CHEMICAL TREATMENT

WELL WITH 50' BUFFER	OIL WATER SEPARATOR OWS/CPS	DRAINAGE CATCH BASINS
	GEOMEMBRANE LINER OIL CONTAINMENT AREA (FOOTING)	

SCALE 1" = 40'-0" 0 20 40 80 120 FT

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

FAIRVIEW SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET	REVISION
4/25/2023	SEP	BPA A1	FAVW_VEG	1 OF 1	0



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.6 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

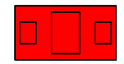
II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

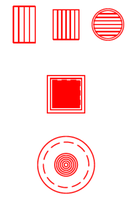
GEOMEMBRANE LINER OIL CONTAINMENT AREA



OIL WATER SEPARATOR OWS/CPS



DRAINAGE CATCH BASINS



SCALE 1/16" = 1' 0 16 32 48 FT

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION

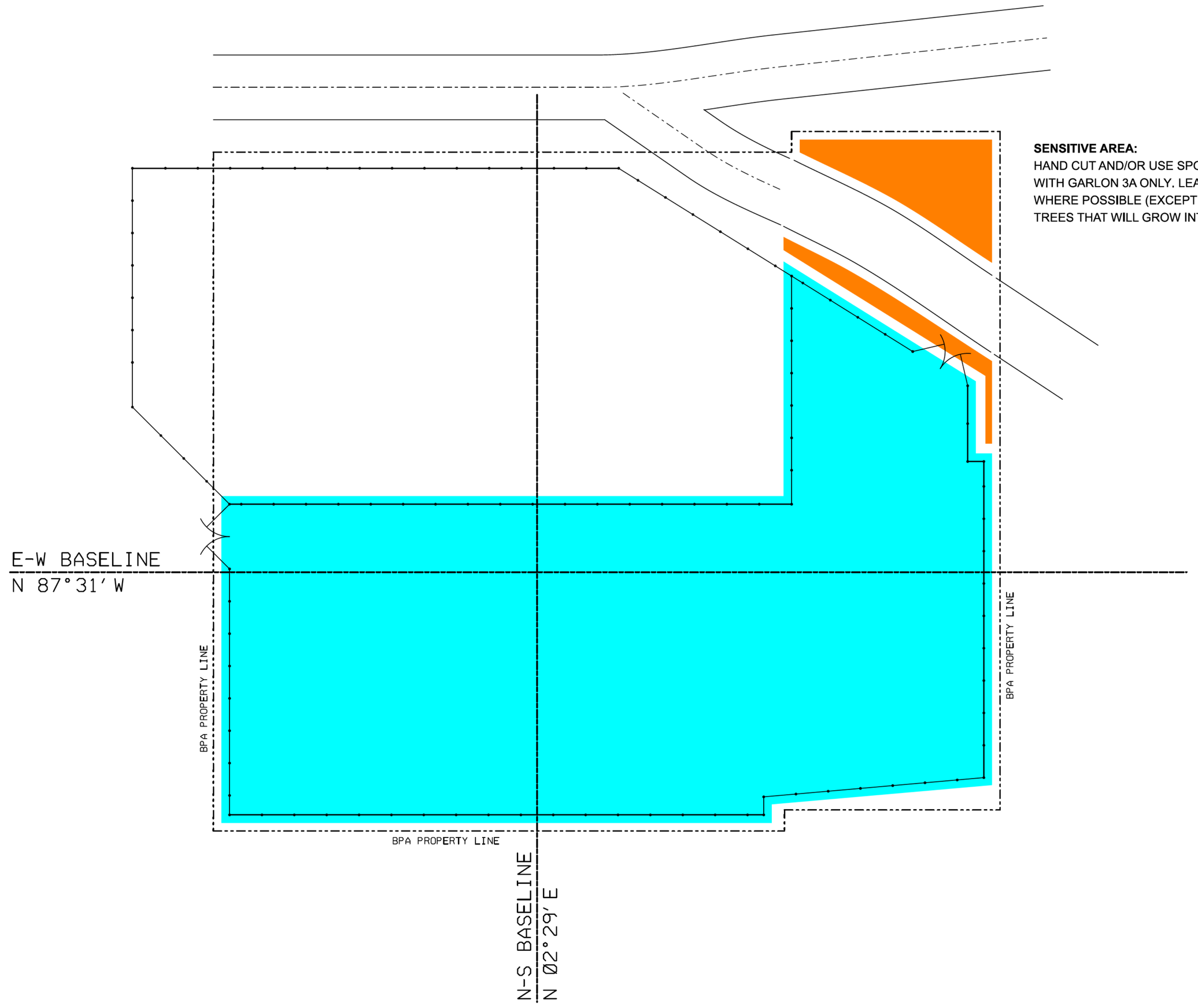
UNITED STATES DEPARTMENT OF ENERGY

GARDINER SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE NB Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/25/2023	SEP	BPA A1	GARD_VEG	1 OF 1

SITE SPECIFIC MITIGATION MEASURES	VEGETATION TREATMENT CATEGORY
E. AQUATIC SPECIES PROTECTION DO NOT APPLY ANY CHEMICAL THAT IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)	**BARE GROUND TREATMENT** INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED. **0.6 ACRES**
	ALL OTHER AREAS INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.
	SENSITIVE AREAS SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.



SENSITIVE AREA:
HAND CUT AND/OR USE SPOT AND LOCALIZED APPLICATION WITH GARLON 3A ONLY. LEAVE ALL VEGETATION LESS THAN 10' WHERE POSSIBLE (EXCEPT NOXIOUS WEEDS). SELECTIVELY CUT ONLY TREES THAT WILL GROW INTO THE MAD TO PRESERVE SHADE CONDITIONS.

N

SCALE 1" = 20'-0" 0 10 20 40 60 FT

NO.	W.O.	COMPUTER REVISION ONLY

Drawn D. SAMSON
Chkd O. JAHN
ENVIRONMENTAL
BPA PP&A
Last Revised: 11/16/2022

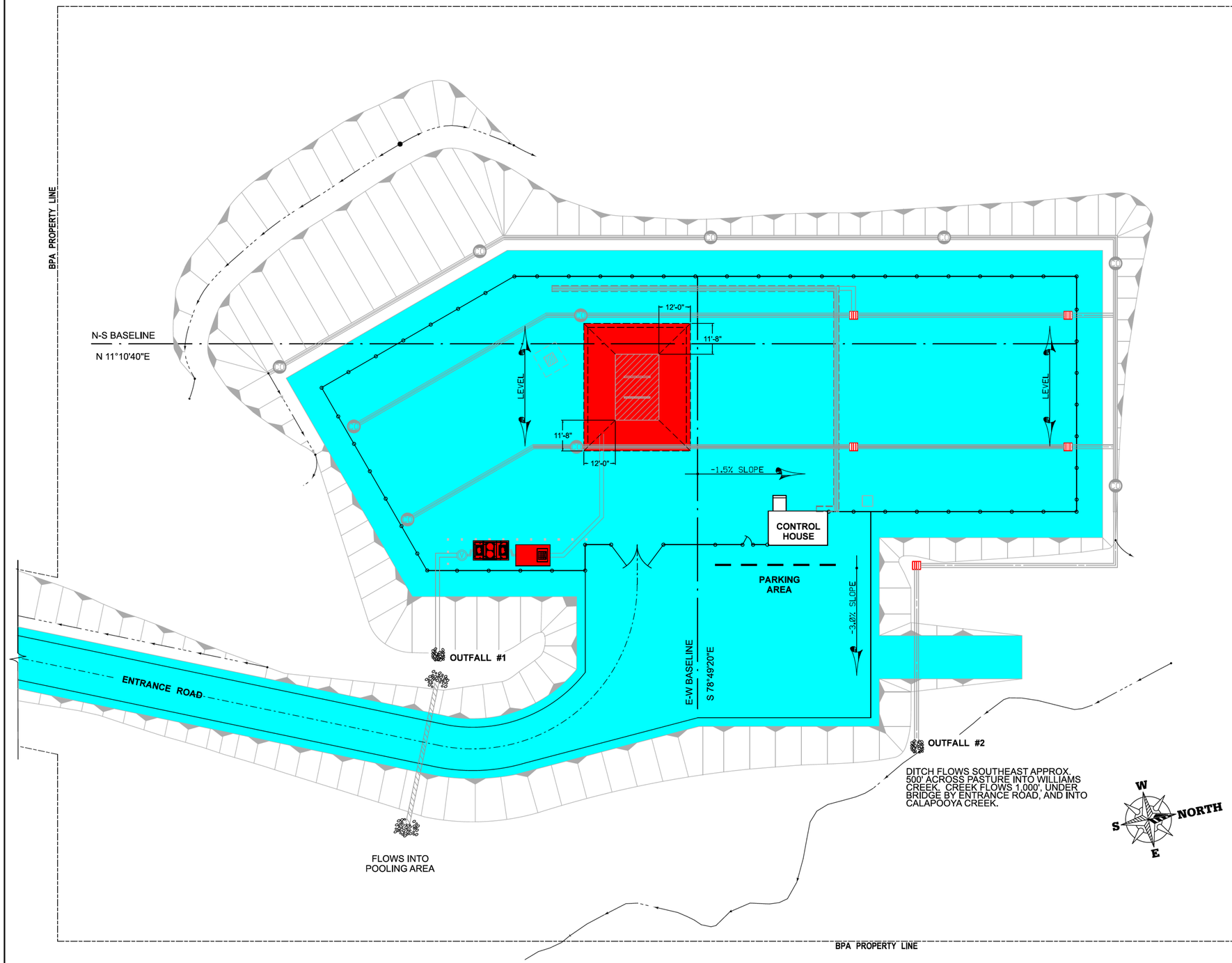
UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

GOLD BEACH SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST EUGENE-NB REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
GOBE	SEP	A1	1 OF 1	Ø

TRIM LINE
TRIM LINE
DATE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

1 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

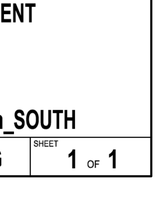
GEOMEMBRANE LINER OIL CONTAINMENT AREA



OIL WATER SEPARATOR OWS/CPS



DRAINAGE CATCH BASINS



ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION

UNITED STATES DEPARTMENT OF ENERGY

GREEN VALLEY SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/25/2023	SEP	BPA A1	GRNV_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

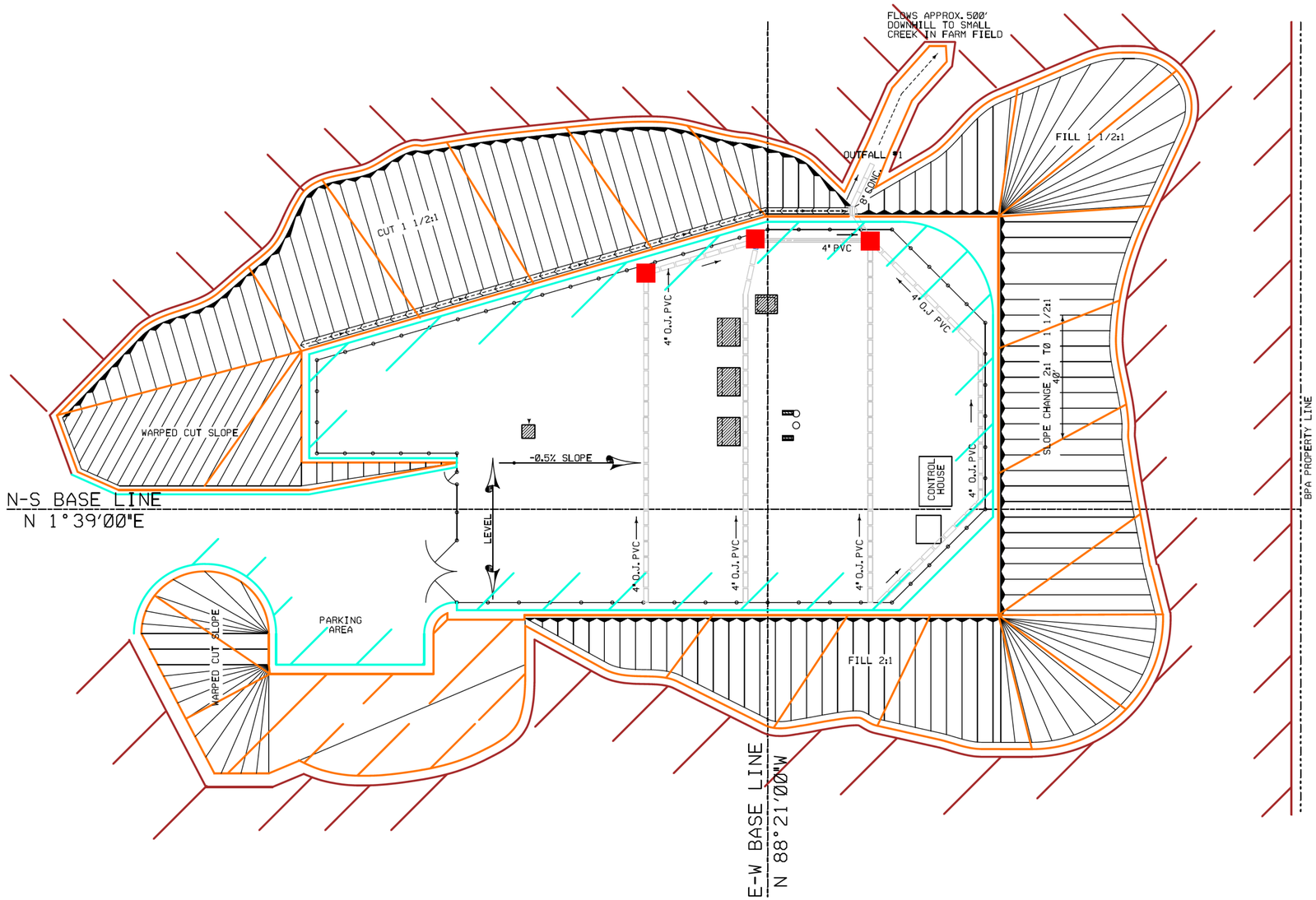
LEGEND

- DRAINAGE CATCH BASIN
- SOLID B & S CONCRETE PIPE
- OPEN JOINT PVC PLASTIC PIPE
- SOLID PVC PLASTIC PIPE
- DITCH FLOW
- FOOTINGS
- EQUIP. ABOVE GROUND IN RACKS

SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).



0.5962 ACRES

SCALE 1" = 40'-0" 0 10 20 40 60 FT

NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 4/19/2018

HAUSER SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST EUGENE-NB REGION SOUTH

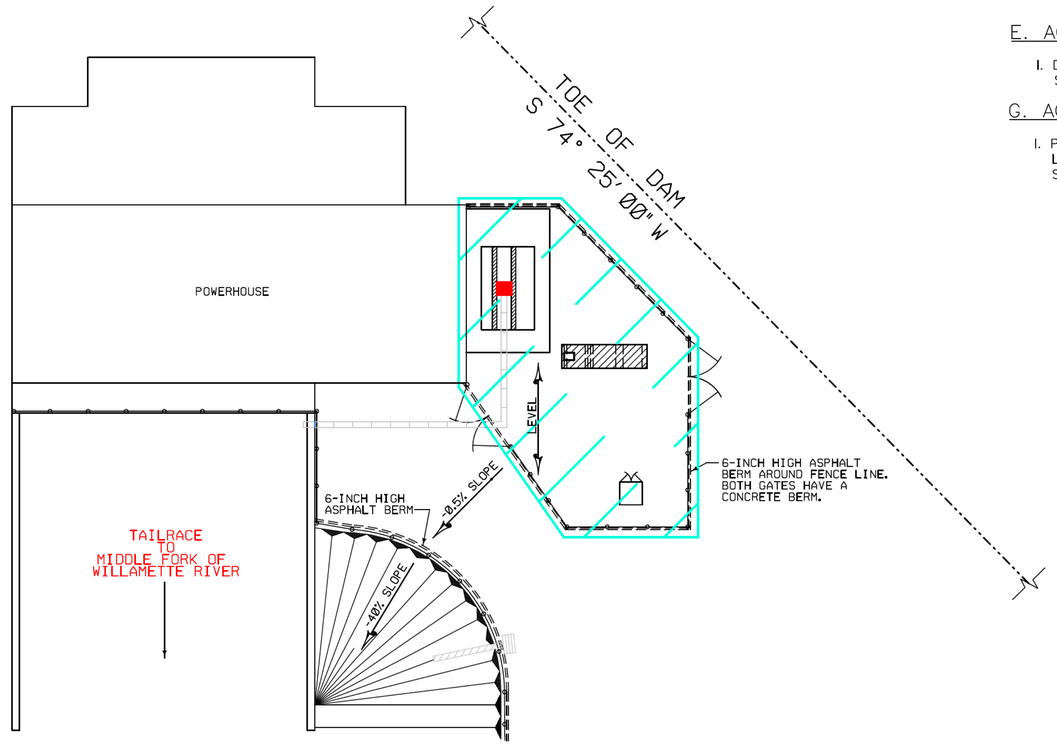
SERIAL	SOURCE	SIZE	SHEET	REVISION
HAUS	SEP	A1	1 OF 1	Ø

TRIM LINE
DATE
TRIM LINE

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.



SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

C. SURFACE WATER PROTECTION

I. DO NOT APPLY ANY CHEMICAL HAVING A SURFACE WATER LABEL ADVISORY DUE TO POTENTIAL PRESENCE OF SURFACE WATER AT OR ADJACENT TO FACILITY.

D. GROUND WATER PROTECTION

I. DO NOT APPLY ANY CHEMICAL HAVING GROUND WATER LABEL ADVISORY DUE TO POTENTIAL FOR GROUND WATER CONTAMINATION.

E. AQUATIC SPECIES PROTECTION

I. DO NOT APPLY ANY CHEMICAL THAT IS CONSIDERED MODERATELY TOXIC OR ABOVE TO AQUATIC SPECIES (AS DETERMINED IN BPA's APPROVED HERBICIDES LIST OF ACTIVE INGREDIENTS).

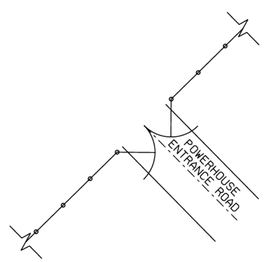
G. AGRICULTURAL LEASE/LAND MANAGEMENT

I. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTRICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

ACOE LAND OWNERSHIP

0.1295 ACRES

SCALE 1" = 20'-0" 0 10 20 40 60 FT



NO.	W.O.	COMPUTER REVISION ONLY

Drawn D. BOEN
Chkd B. TILLEY

ENVIRONMENT

BPA PP&A

Last Revised Nov. 18, 2016

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

HILLS CREEK SUBSTATION VEGETATION MANAGEMENT SITE PLAN

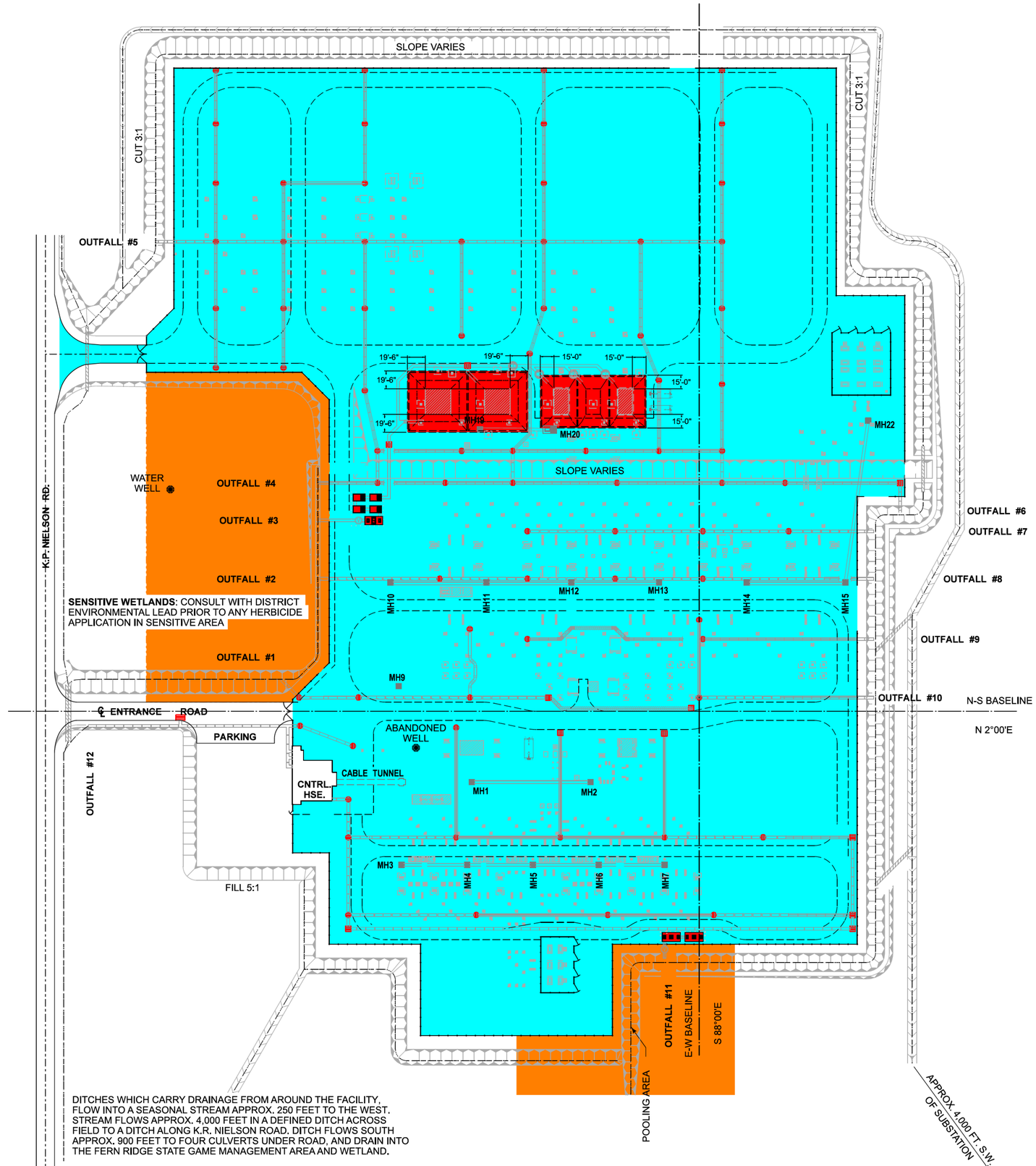
DIST EUGENE REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
HLSC	SEP	A1	1 OF 1	0

DATE

TRIM LINE

TRIM LINE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

14.5 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SENSITIVE AREAS

SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

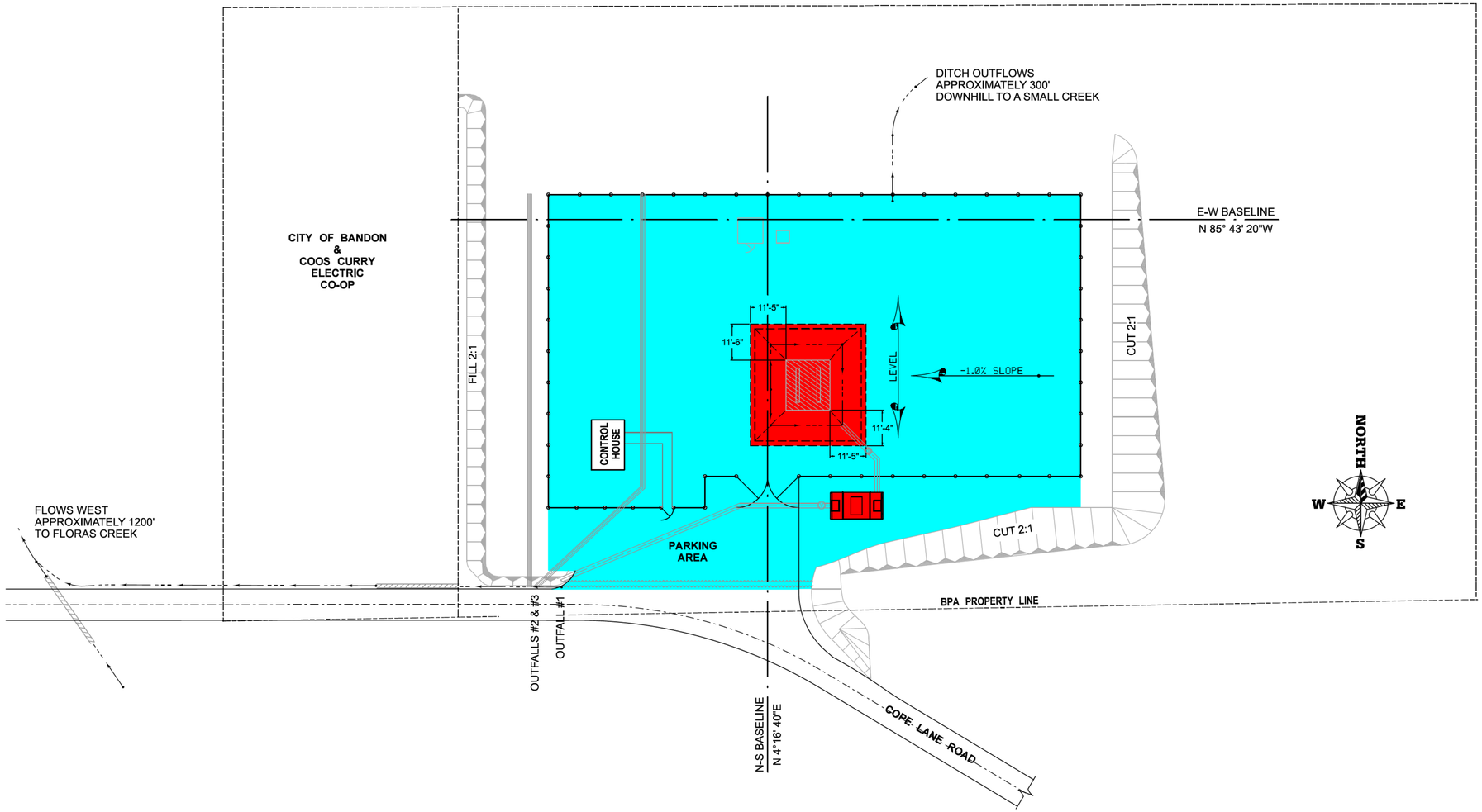
BONNEVILLE POWER ADMINISTRATION

UNITED STATES DEPARTMENT OF ENERGY

LANE SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/21/2023	SEP	BPA A1	LANE_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.4 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

SCALE 1" = 20'-0" 0 10 20 40 60 FT

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION

UNITED STATES DEPARTMENT OF ENERGY

LANGLOIS SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE NB Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/24/2023	SEP	BPA A1	LANG_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

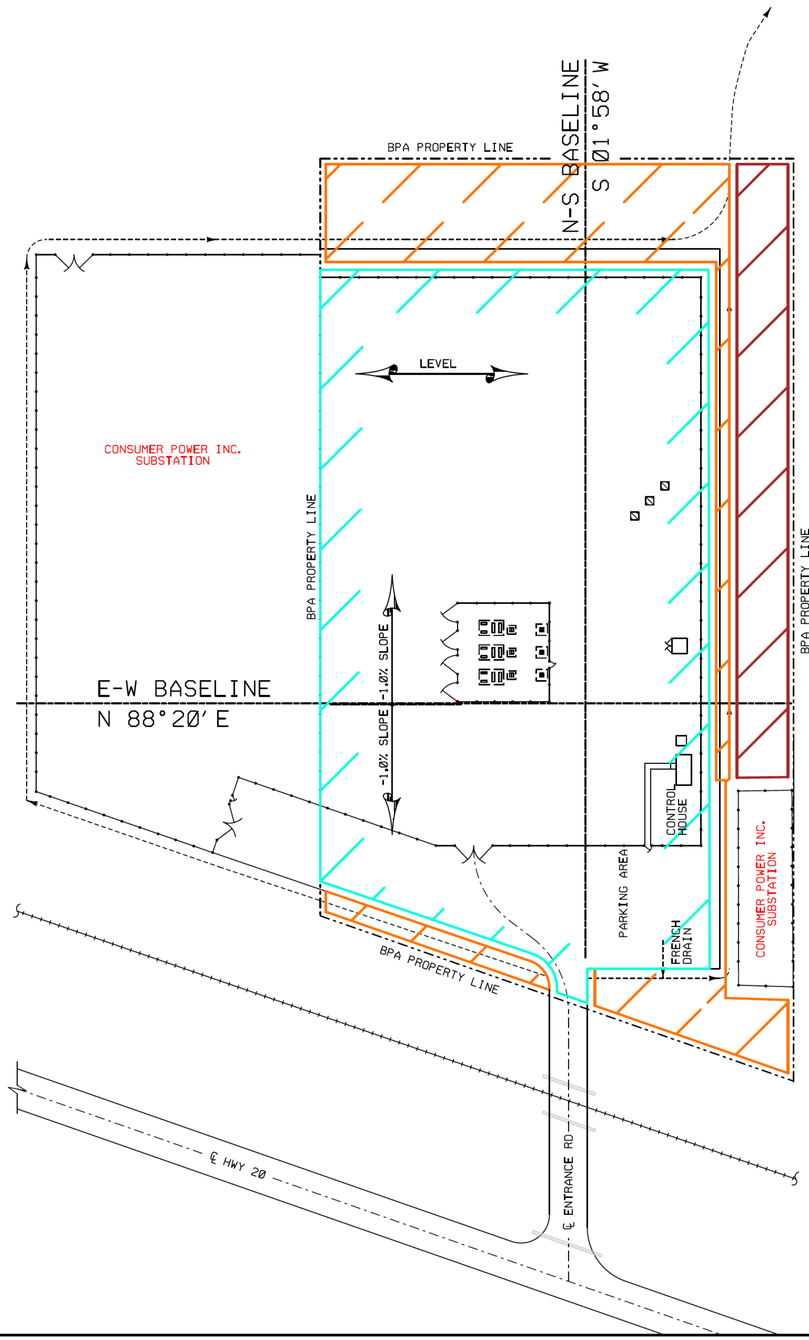
BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

LEGEND

- ZZZZZ CORRUGATED METAL PIPE
- ←--- DITCH FLOW
- ⊘ ▨ FOOTINGS



INTERMITTENT STREAM FLOWS NORTHWEST 1,250' THROUGH A FIELD TO CULVERTS UNDER WEIRICH ROAD. ACROSS THE ROAD, DRAINAGE ENTERS A POND WHICH DRAINS NORTHWEST 1,500' INTO THE LEBANON/SANTIAM CANAL.

SITE -SPECIFIC MITIGATION MEASURES

NONE

1.6742 ACRES

SCALE 1" = 80'-0" 0 20 40 80 120 FT

NO.		W.O.	COMPUTER REVISION ONLY	

Drawn D.BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised Nov. 17, 2016

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

LEBANON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST EUGENE REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
LEBA	SEP	A1	1 OF 1	Ø

TRIM LINE
TRIM LINE
••DATE••

LEGEND

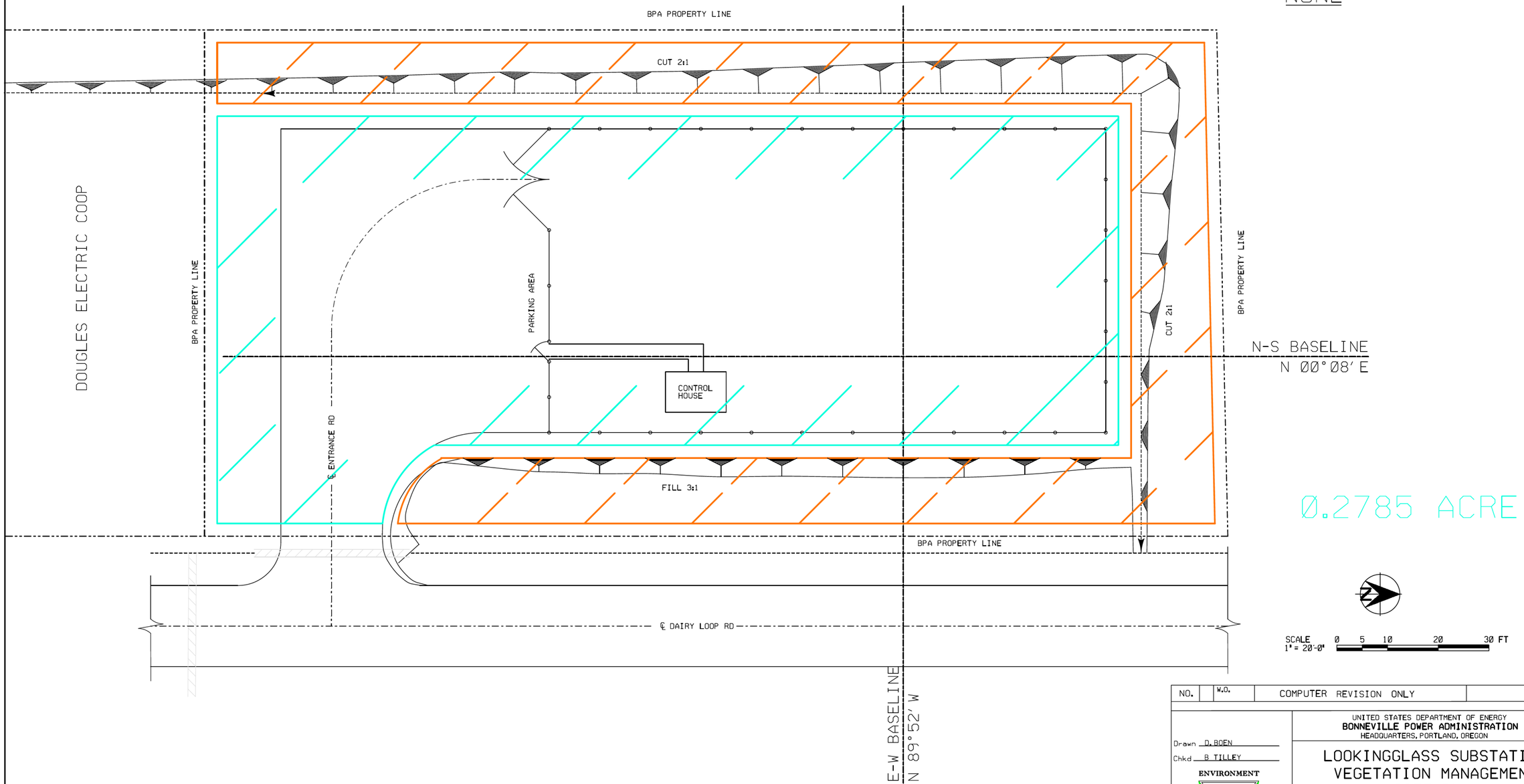
- CORRUGATED METAL PIPE
- DITCH FLOW
- FOOTINGS

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

SITE -SPECIFIC MITIGATION MEASURES
NONE



0.2785 ACRE

SCALE 1" = 20'-0" 0 5 10 20 30 FT

NO.	W.O.	COMPUTER REVISION ONLY

Drawn D. BOEN
Chkd B TILLEY
ENVIRONMENT
BPA PP&A
Last Revised: 11/21/2016

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

LOOKINGGLASS SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN

DIST EUGENE REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
LOOK	SEP	A1	1 OF 1	0

DATE

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

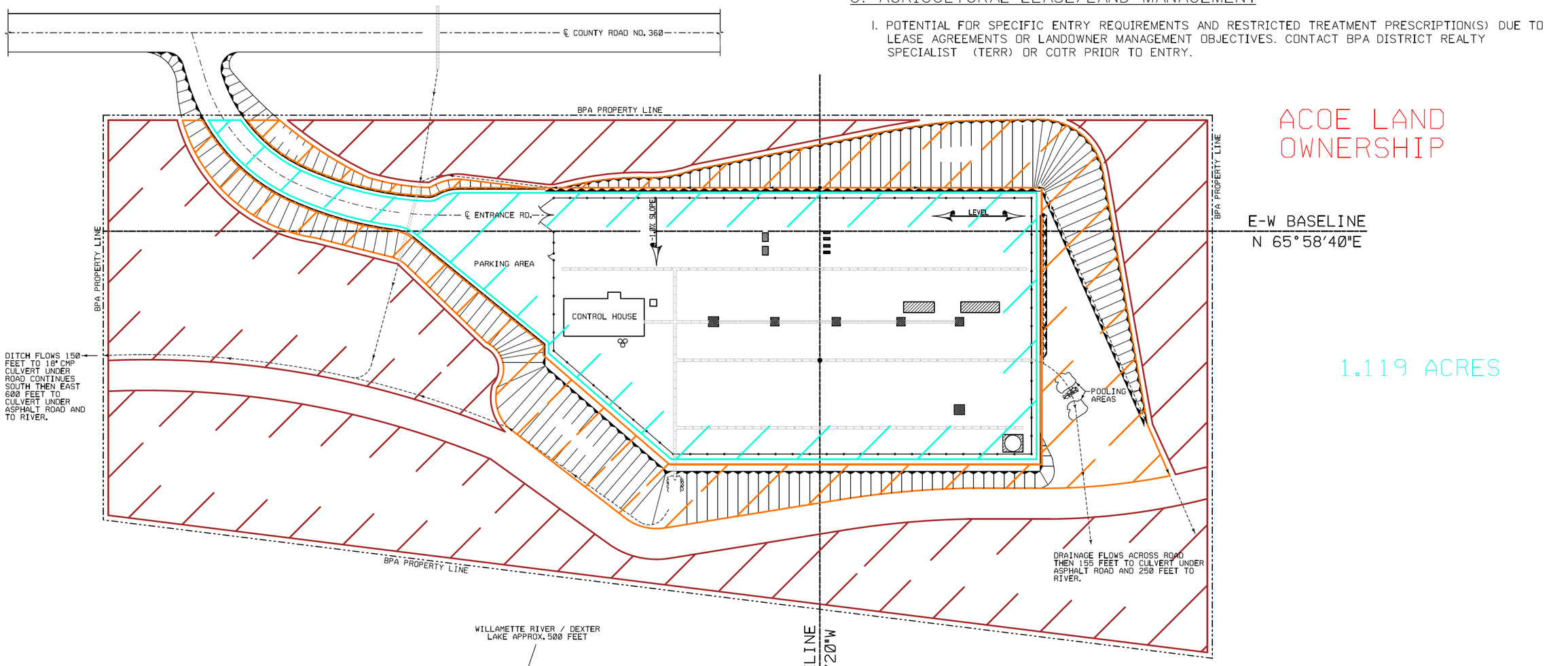
LEGEND

- OPEN JOINT CONCRETE PIPE
- SOLID B & S CONCRETE PIPE
- SOLID PVC PLASTIC PIPE
- CORRUGATED METAL PIPE
- DITCH FLOW
- ELECTRICAL MANHOLE OR HANDHOLE
- FOOTINGS
- EQUIPMENT ABOVE GROUND IN RACKS

SITE -SPECIFIC MITIGATION MEASURES

G. AGRICULTURAL LEASE/LAND MANAGEMENT

I. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTRICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.



ACOE LAND OWNERSHIP

1.119 ACRES

NO.	W.O.	COMPUTER REVISION ONLY

Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 11/21/2016

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

LOOKOUT POINT SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN

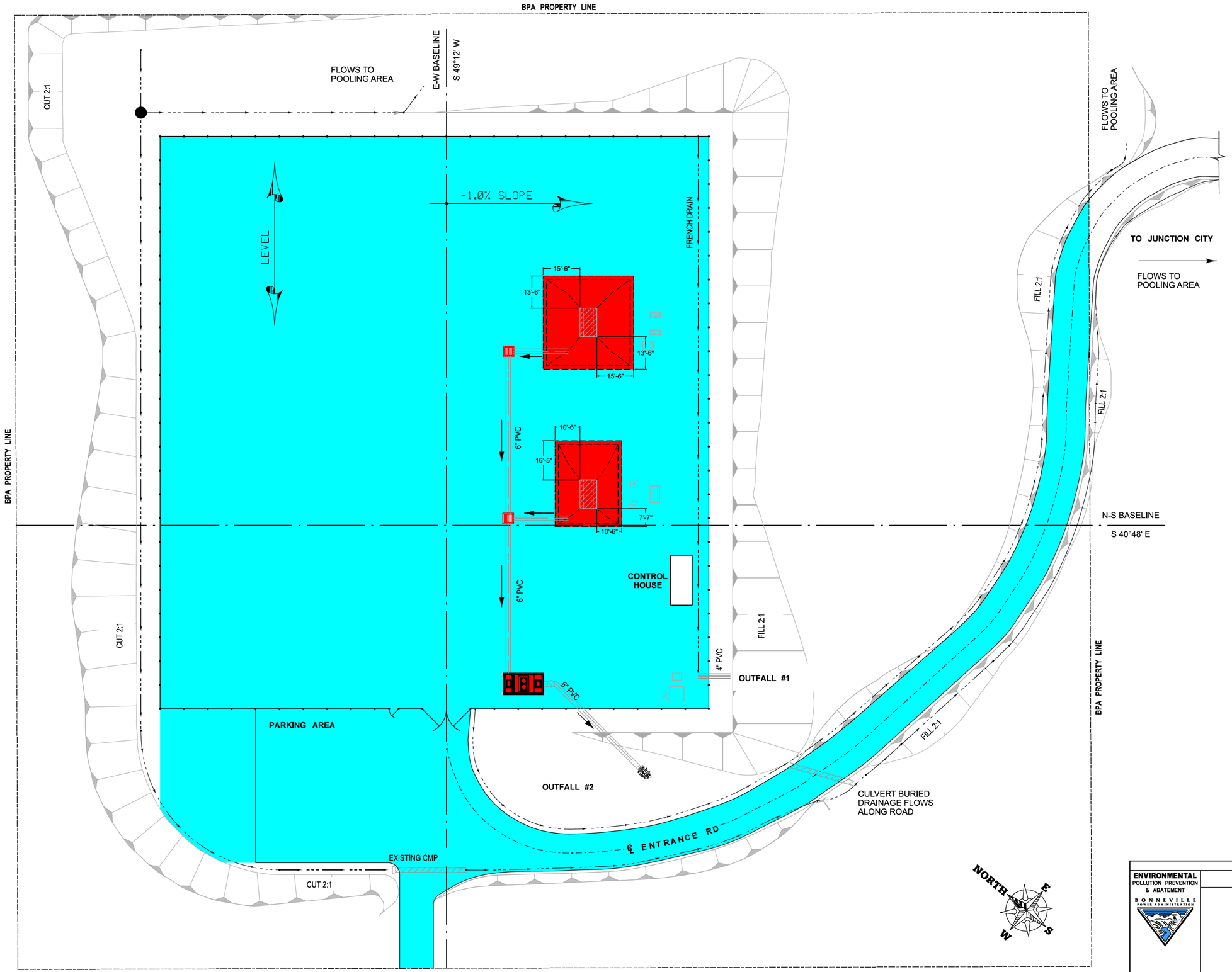
DIST EUGENE REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
LKPT	SEP	A1	1 OF 1	Ø

TRIM LINE

TRIM LINE

DATE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

1.6 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

MAPLETON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE NB Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/25/2023	SEP	BPA A1	MAPL_VEG	1 OF 1

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

1.3 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

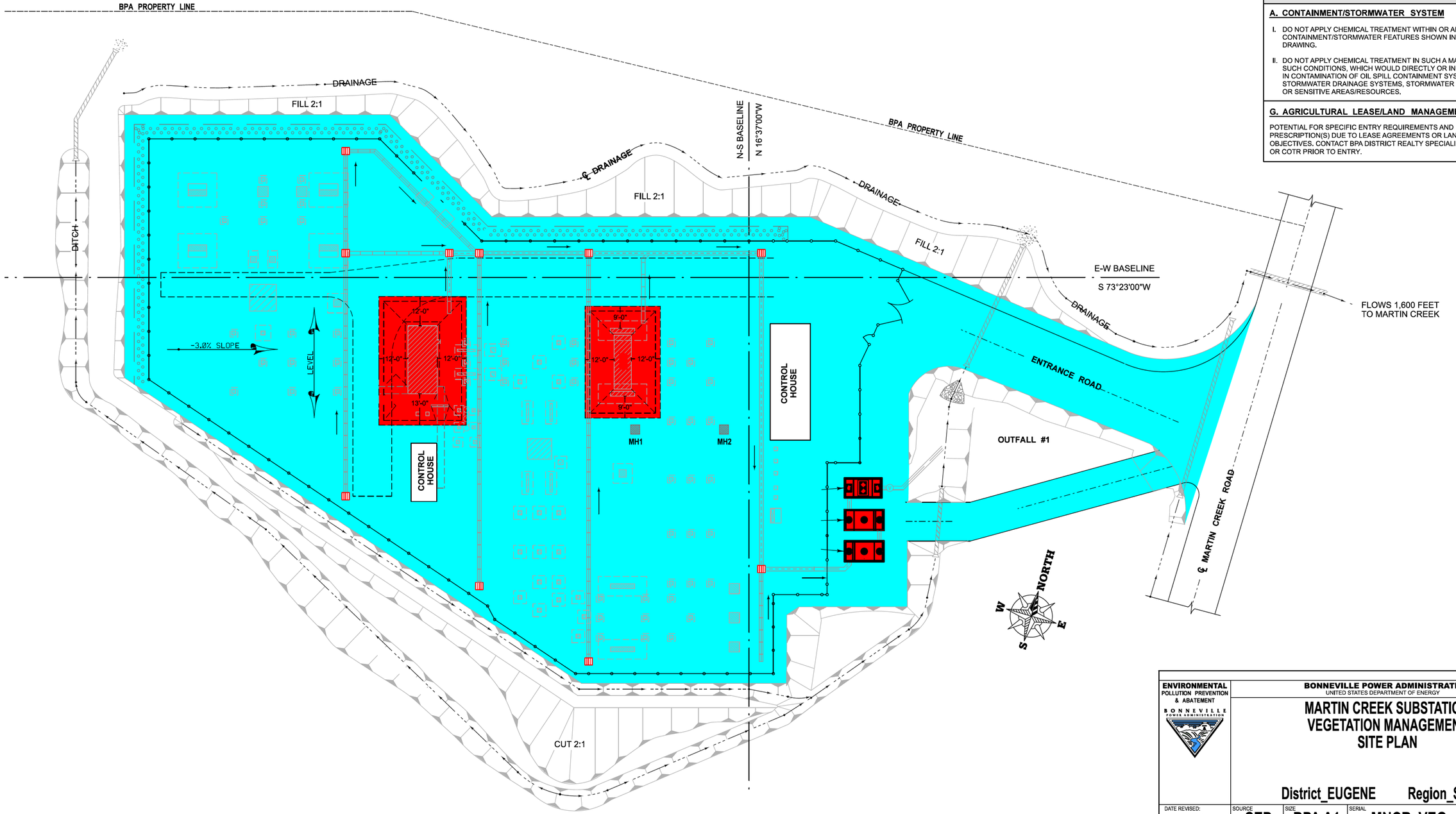
A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

G. AGRICULTURAL LEASE/LAND MANAGEMENT

POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.



ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION

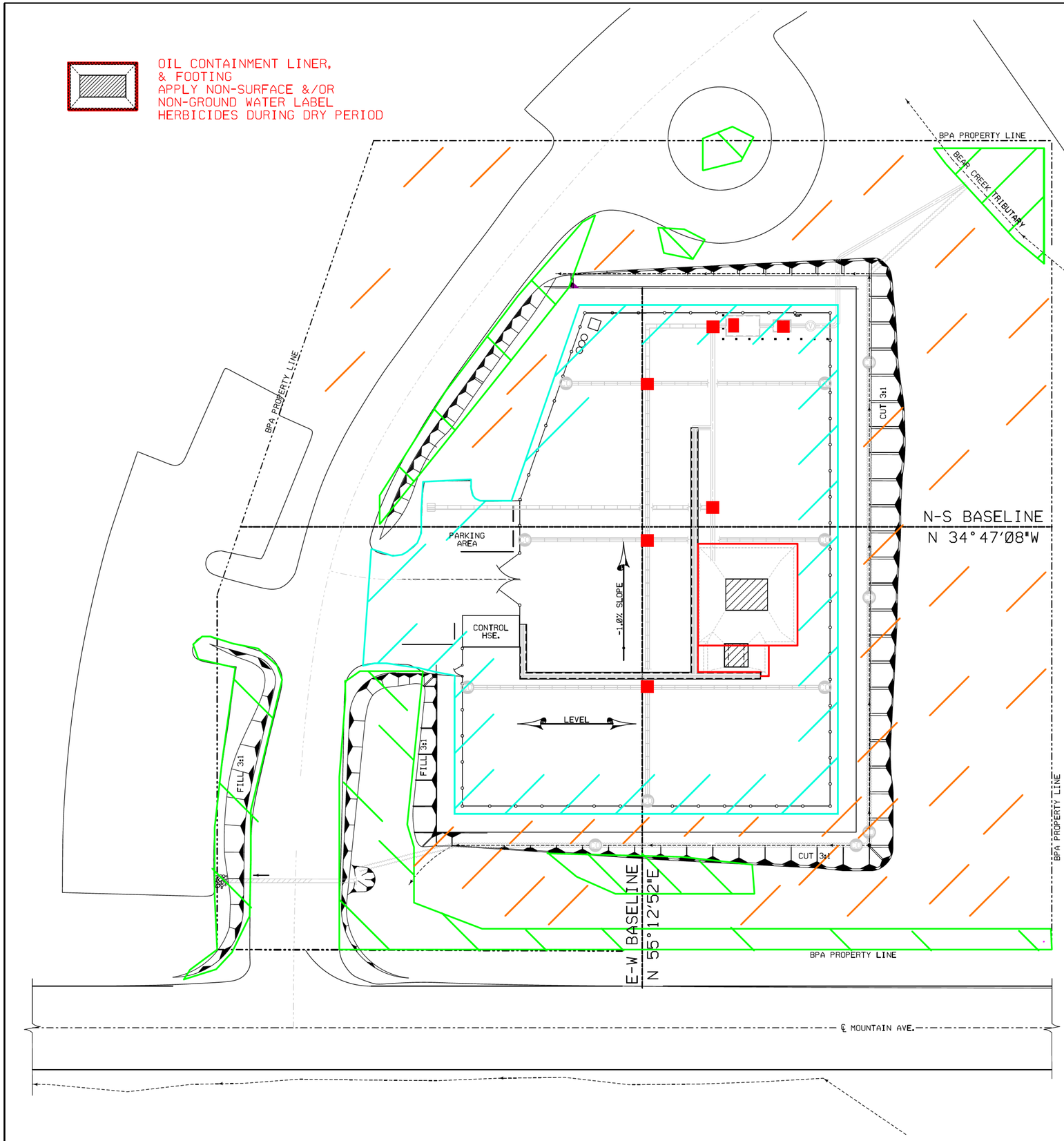
UNITED STATES DEPARTMENT OF ENERGY

MARTIN CREEK SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/26/2023	SEP	BPA A1	MNCR_VEG	1 OF 1

OIL CONTAINMENT LINER,
& FOOTING
APPLY NON-SURFACE &/OR
NON-GROUND WATER LABEL
HERBICIDES DURING DRY PERIOD



VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

LANDSCAPING - INCLUDES AREAS WITH LAWNS REQUIRING FERTILIZATION AND BROADLEAF CONTROL AS WELL AS ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL. PRIMARY METHODS INCLUDE MANUAL AND MECHANICAL VEGETATION CONTROL, AND SPOT CHEMICAL APPLICATIONS FOR BROAD LEAF CONTROL.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

.6416 ACRES

SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

SCALE 1" = 20'-0" 0 10 20 40 60 FT

NO.	W.O.	COMPUTER REVISION ONLY

Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 3/25/2019

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

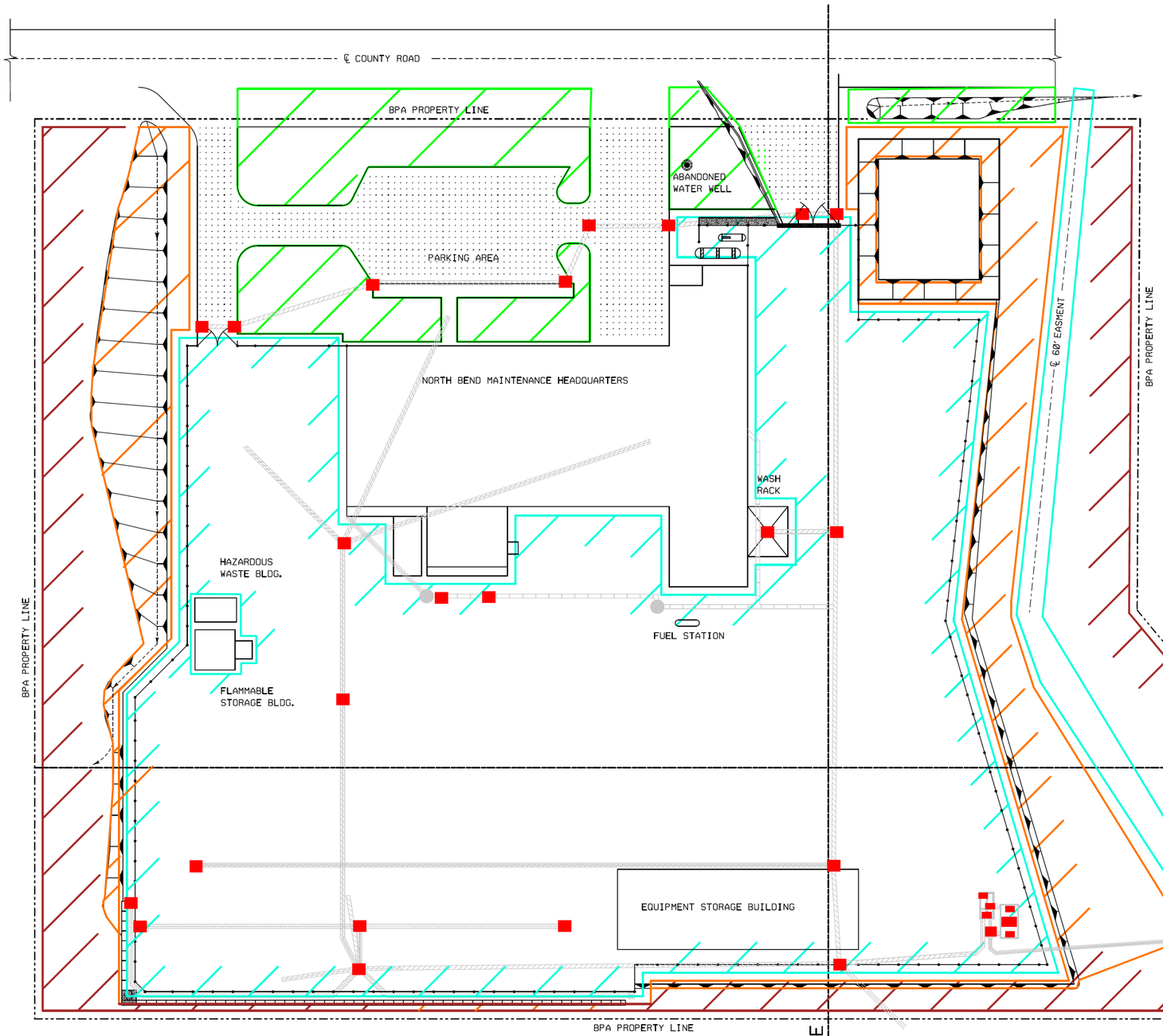
MOUNTAIN AVENUESUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST EUGENE REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
MTAV	SEP	A1	1 OF 1	Ø

DATE

TRIM LINE
TRIM LINE



VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

LANDSCAPING - INCLUDES AREAS WITH LAWNS REQUIRING FERTILIZATION AND BROADLEAF CONTROL, AS WELL AS ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL. PRIMARY METHODS INCLUDE MANUAL AND MECHANICAL VEGETATION CONTROL, AND SPOT CHEMICAL APPLICATIONS FOR BROAD LEAF CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

2.7856 ACRES

SCALE 1" = 60'-0" 0 15 30 60 90 FT

NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

Drawn D. BOEN
Chkd B. TILLEY

ENVIRONMENT
BPA PP&A

Last Revised: 7/25/2019

NORTH BEND MAINT HQ VEGETATION MANAGEMENT SITE PLAN

DIST EUGENE-NB REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
NBMH	SEP	A1	1 OF 1	Ø

DATE

TRIM LINE

TRIM LINE

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

LEGEND

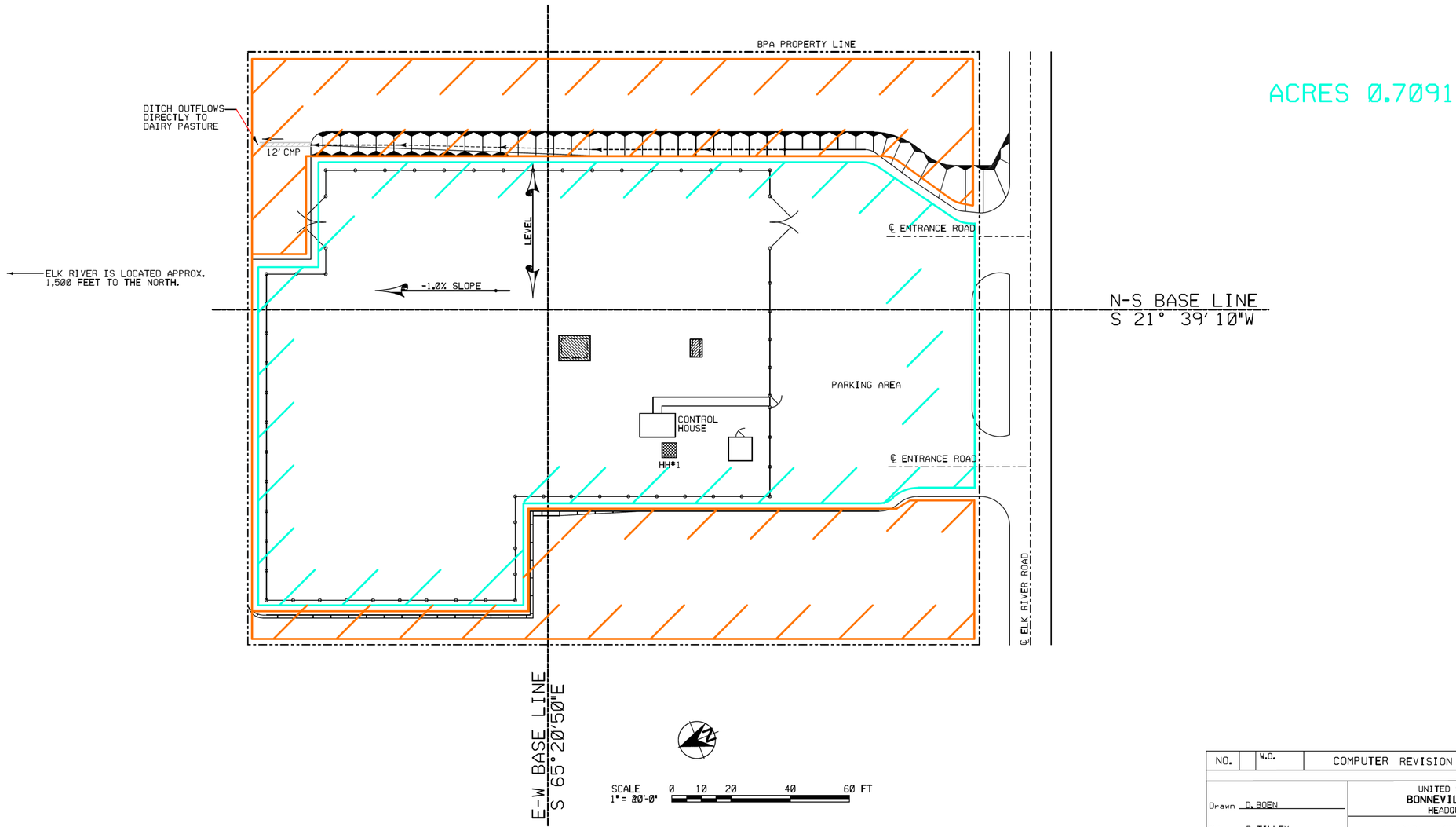
- CORRUGATED METAL PIPE
- DITCH FLOW
- ELECTRICAL MANHOLE OR HANDHOLE
- FOOTINGS

**DATE

SITE -SPECIFIC MITIGATION MEASURES

D. GROUND WATER PROTECTION

1. DO NOT APPLY ANY CHEMICAL HAVING GROUND WATER LABEL ADVISORY DUE TO POTENTIAL FOR GROUND WATER CONTAMINATION.



ACRES 0.7091

NO.		W.O.	COMPUTER REVISION ONLY	

Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 11/29/2016

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

PORT ORFORD SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN

DIST EUGENE NB REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
POOF	SEP	A1	1 OF 1	0

TRIM LINE
TRIM LINE

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

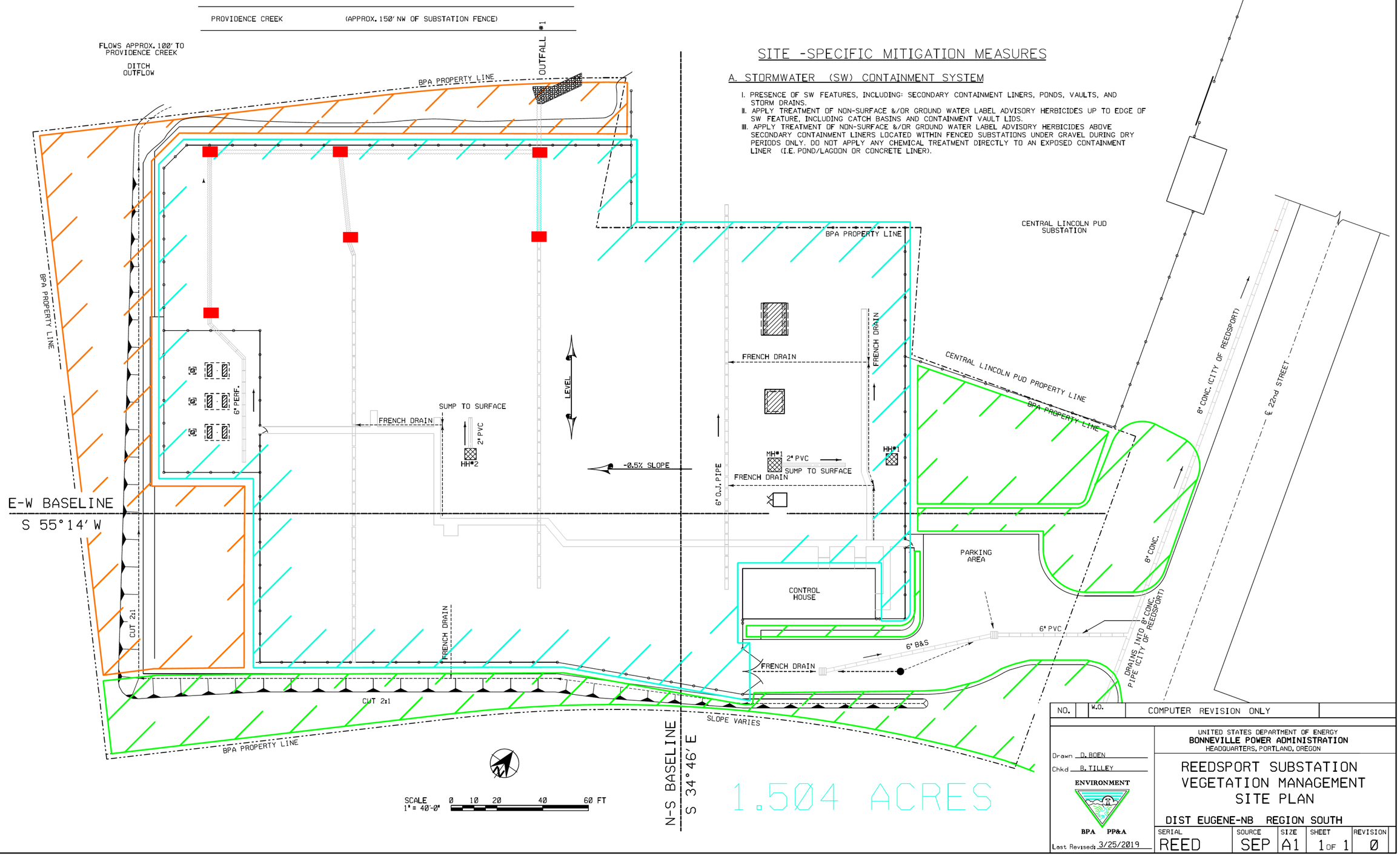
LANDSCAPING - INCLUDES AREAS WITH LAWNS REQUIRING FERTILIZATION AND BROADLEAF CONTROL, AS WELL AS ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL. PRIMARY METHODS INCLUDE MANUAL AND MECHANICAL VEGETATION CONTROL, AND SPOT CHEMICAL APPLICATIONS FOR BROAD LEAF CONTROL.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).



NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

Drawn D. BOEN
Chkd B. TILLEY

ENVIRONMENT
BPA PP&A

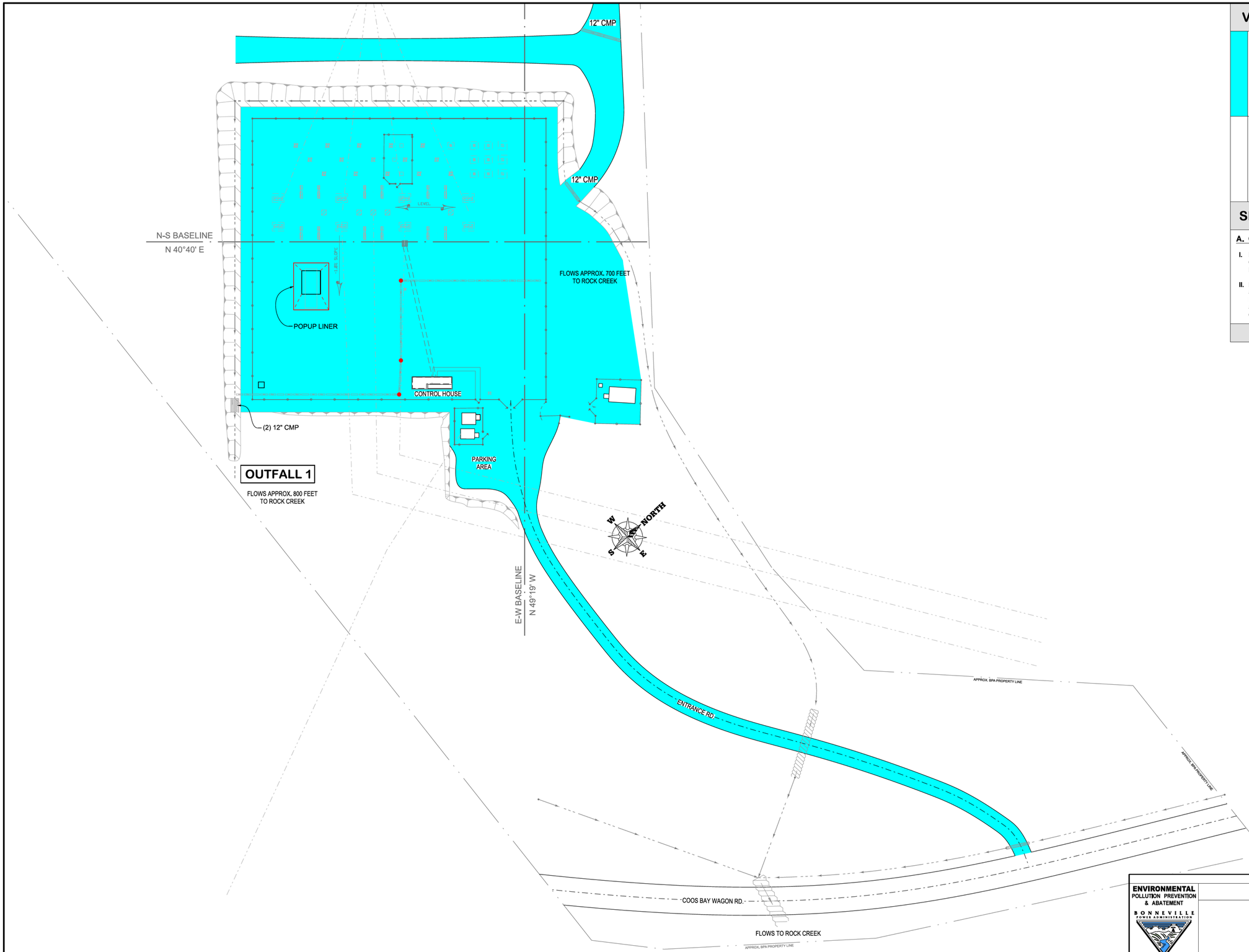
REEDSPORT SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST EUGENE-NB REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
REED	SEP	A1	1 OF 1	Ø

Last Revised: 3/25/2019

TRIM LINE
TRIM LINE
DATE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

2.4 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

DRAINAGE CATCH BASINS

ENVIRONMENTAL
POLLUTION PREVENTION
& ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

RESTON SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
6/4/2024	SEP	BPA A1	REST_VEG	1 OF 1

DITCH OVERFLOW
NO DIRECT ROUTE
TO WAKEMAN BEACH
APPROX. .8 MILE

SVC CONTAINMENT BUILDING

ENTRANCE ROAD

FILL 3:1

SLOPE VARIES

℄ ACCESS ROAD

FILL 3:1

SLOPE VARIES

CONTROL HOUSE

MW-TOWER

E-W BASELINE

N 68°50'00"W

CONCRETE OIL CONTAINMENT STRUCTURE WITH GRATING

12'-6"

9'-6"

9'-7"

15'-1"

42'-6"

9'-6"

12'-6"

LEVEL

SLOPE= -2.0 %

-2.0% SLOPE

3:1 CUT SLOPE
SLOPE VARIES

8'-6"

15'-1"

CABLE TRENCH

OUTFALL #1

ACCESS ROAD

DITCH FLOWS 1,200' TO CULVERT UNDER ACCESS ROAD & EVENTUALLY TO EDSON CREEK APPROX. 1 MILE FROM SUBSTATION.

N-S BASELINE

N 21°10'00"E

BPA PROPERTY LINE

NORTH

E

W

S

SCALE
1" = 30'-0"

0 15 30 60 90 FT

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

3.1 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

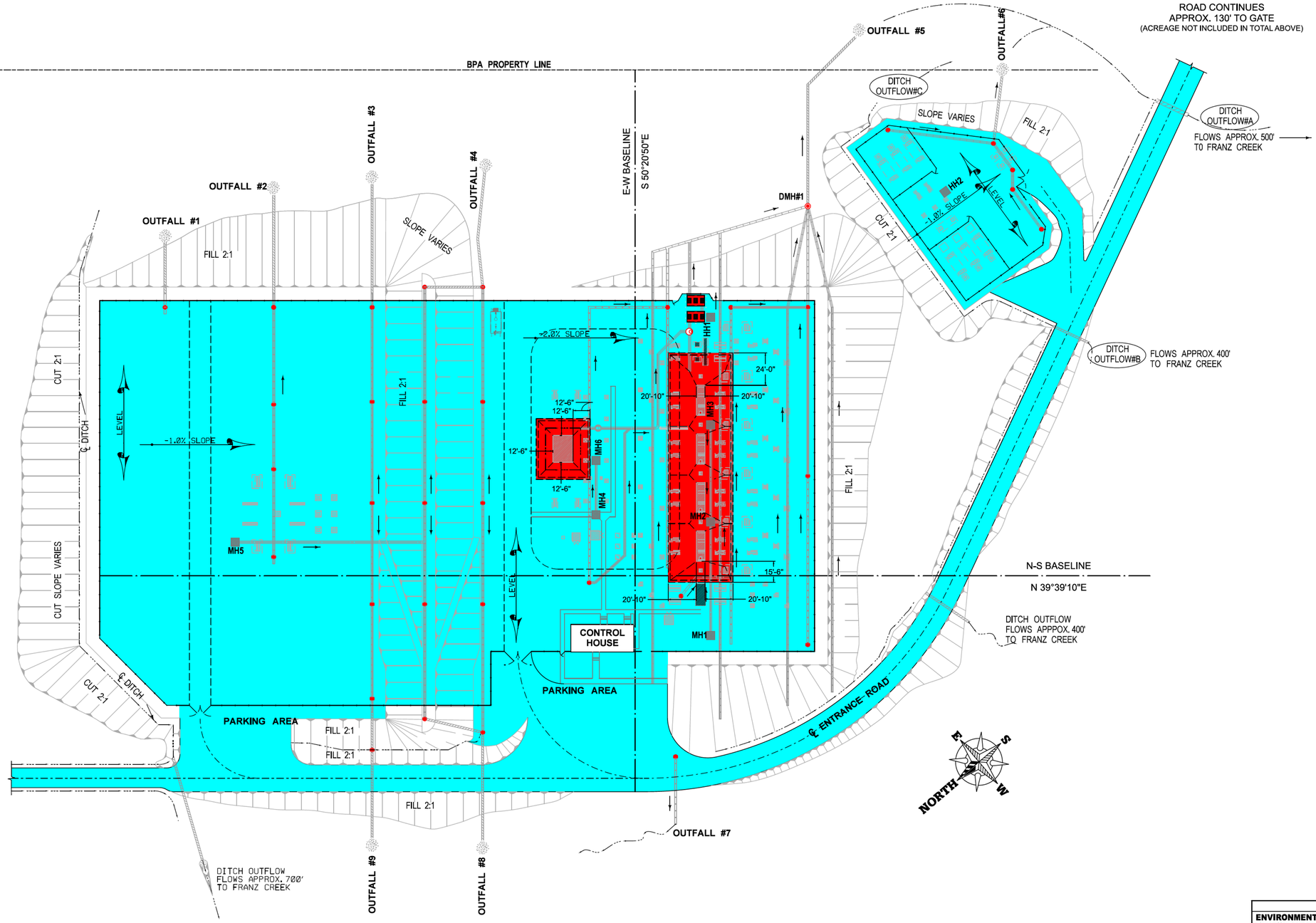
BONNEVILLE POWER ADMINISTRATION

UNITED STATES DEPARTMENT OF ENERGY

ROGUE SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE NB Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/24/2023	SEP	BPA A1	ROGE_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

4.4 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

SCALE 1" = 40'-0" 0 20 40 80 120 FT

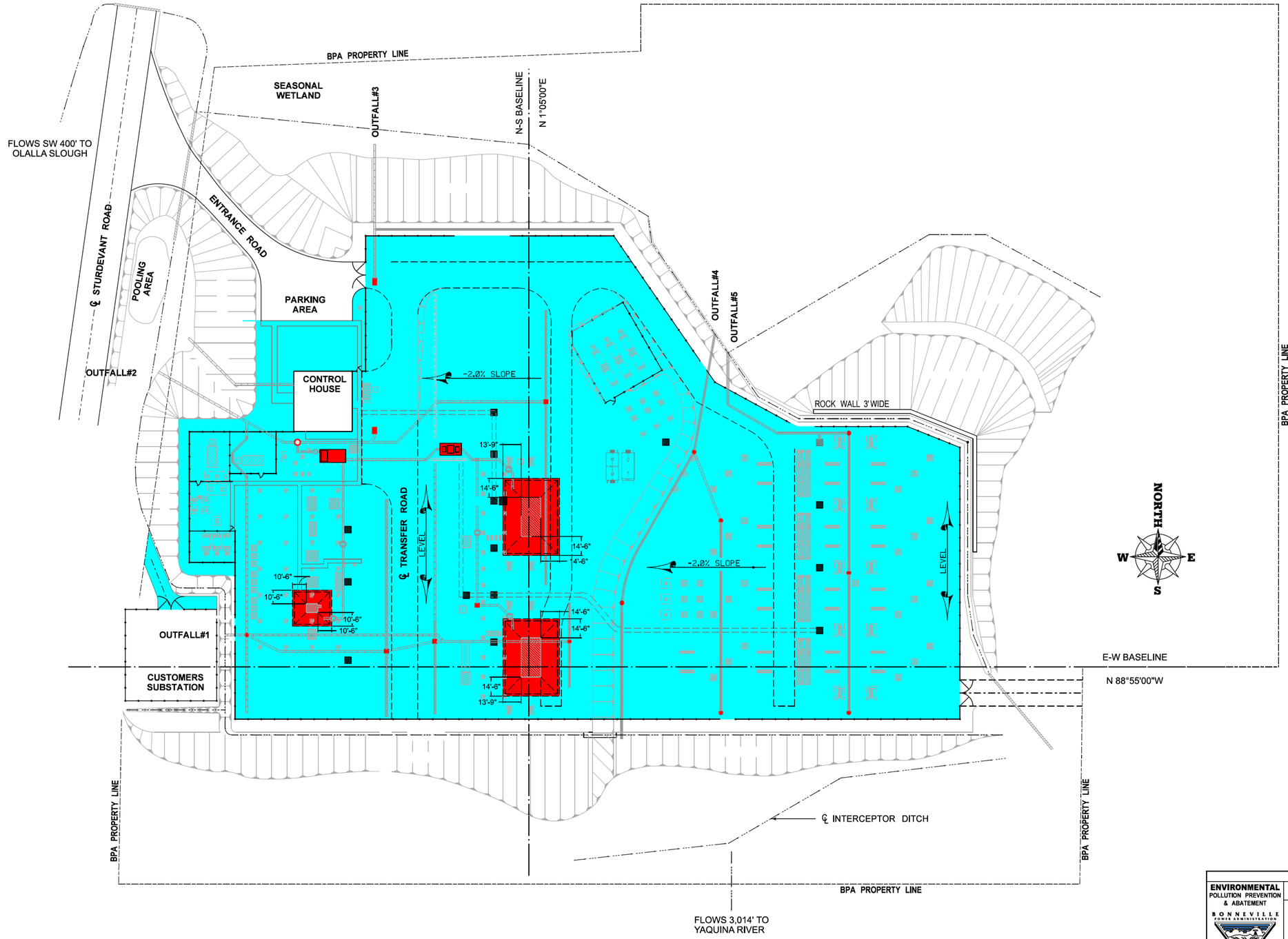
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

TAHKENITCH SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE NB Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
5/2/2023	SEP	BPA A1	TAHK_VEG	1 OF 1



SCALE 1" = 40'-0" 0 20 40 80 120 FT

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

3.8 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

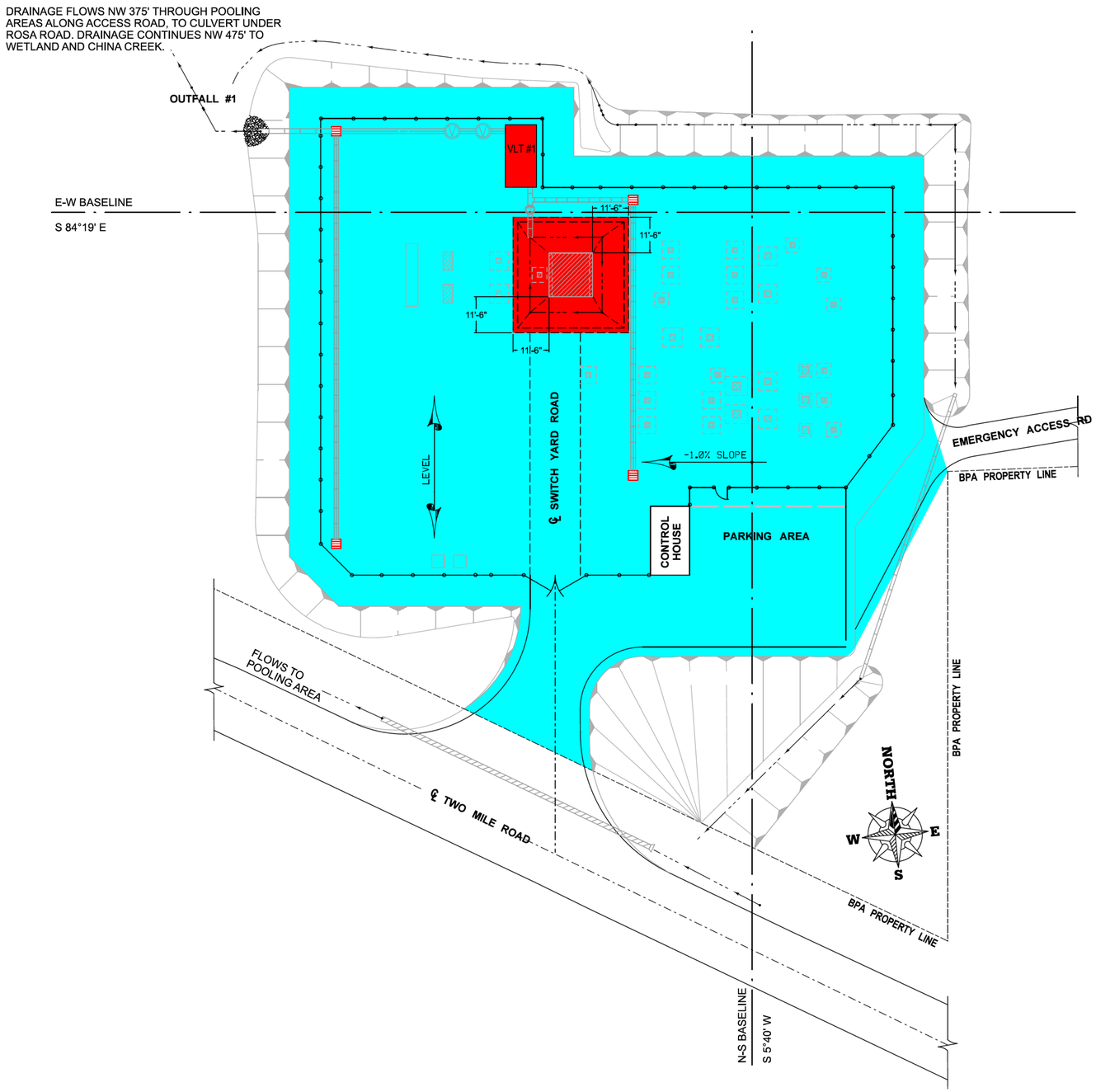
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

TOLEDO SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/26/2023	SEP	BPA A1	TOLE_VEG	1 OF 1



SCALE 1" = 20'-0" 0 10 20 40 60 FT

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.7 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

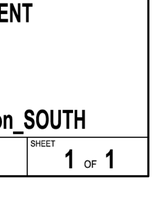
GEOMEMBRANE LINER OIL CONTAINMENT AREA



OIL WATER SEPARATOR OWS/CPS



DRAINAGE CATCH BASINS



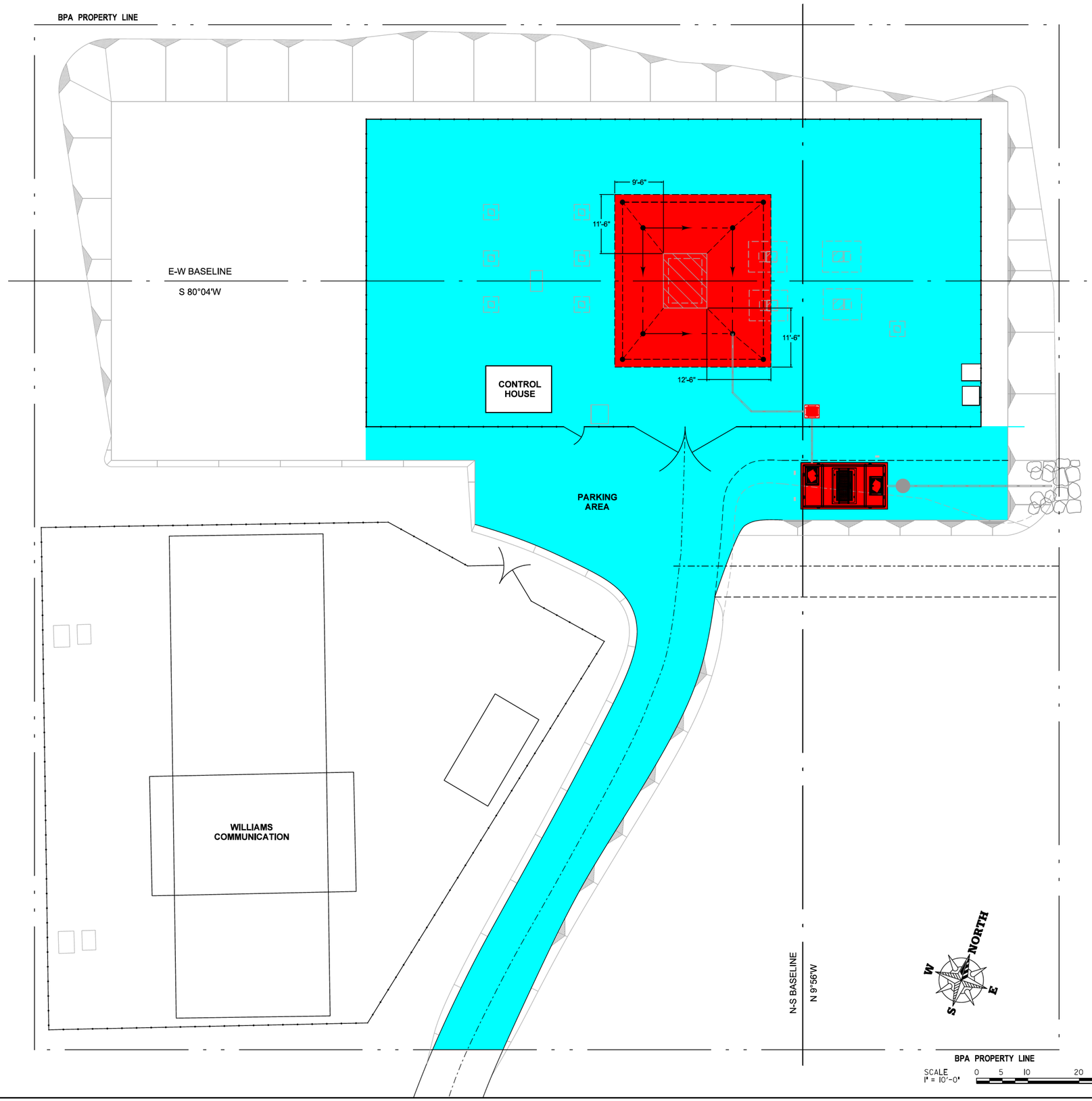
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

TWO MILE ROAD SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE NB Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/24/2023	SEP	BPA A1	TMRS_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.2 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

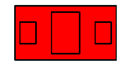
II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

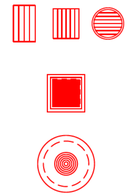
GEOMEMBRANE LINER OIL CONTAINMENT AREA



OIL WATER SEPARATOR OWS/CPS



DRAINAGE CATCH BASINS



ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

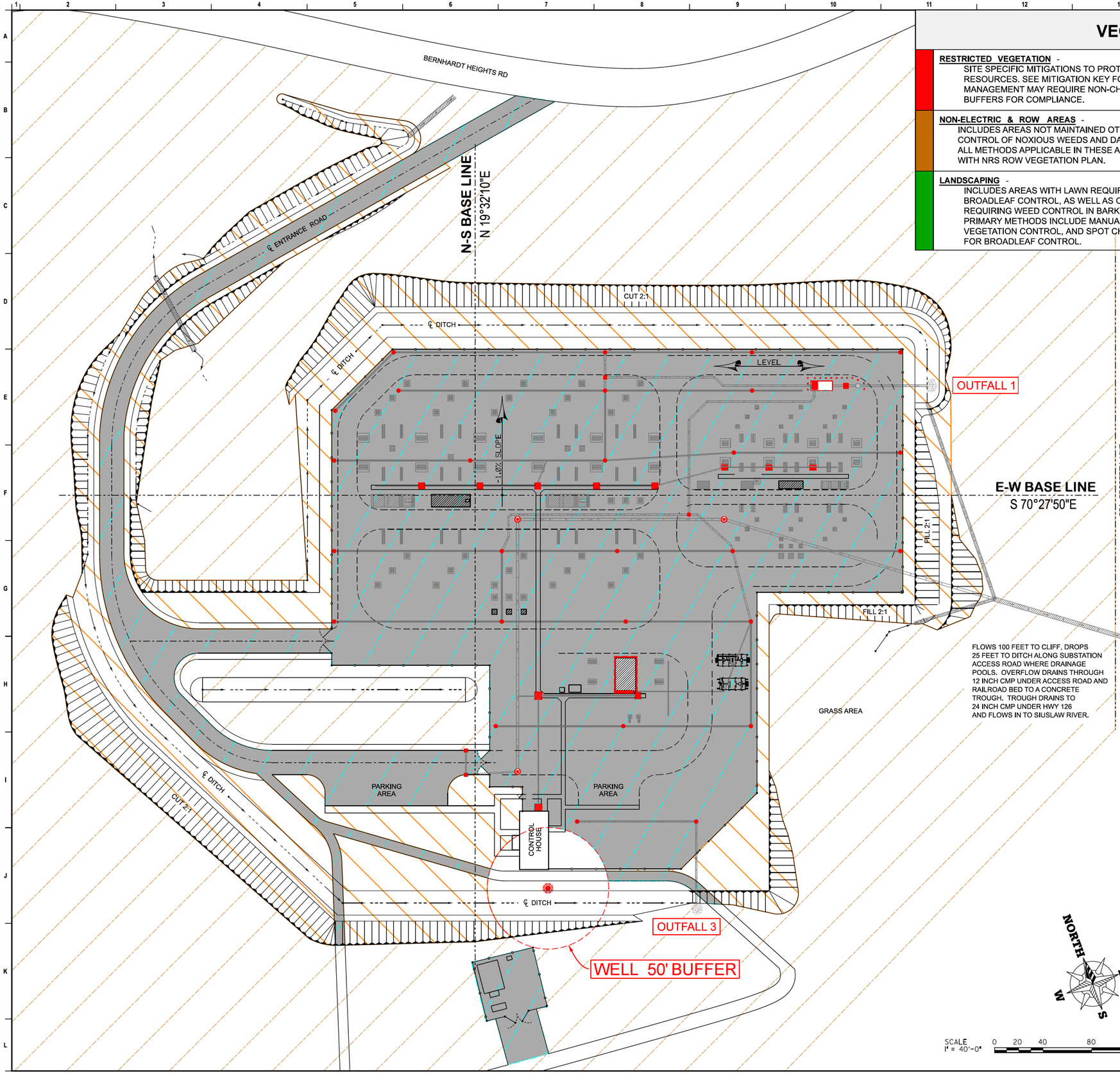
BONNEVILLE POWER ADMINISTRATION

UNITED STATES DEPARTMENT OF ENERGY

WALTON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/24/2023	SEP	BPA A1	WALT_VEG	1 OF 1



VEGETATION MANAGEMENT KEY

RESTRICTED VEGETATION -
SITE SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

NON-ELECTRIC & ROW AREAS -
INCLUDES AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

LANDSCAPING -
INCLUDES AREAS WITH LAWN REQUIRING FERTILIZATION AND BROADLEAF CONTROL, AS WELL AS ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL. PRIMARY METHODS INCLUDE MANUAL AND MECHANICAL VEGETATION CONTROL, AND SPOT CHEMICAL APPLICATIONS FOR BROADLEAF CONTROL.

FIELD GRASS/COVER CROP -
INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (*TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRICAL FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (*EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

4.055 ACRES

SITE SPECIFIC MITIGATION MEASURES

A. STORMWATER CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.

II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.

III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

B. DRINKING WATER/WELL SOURCE

I. MAINTAIN A 50' RADIUS BUFFER AROUND WELL/SOURCE. UTILIZE NON-HERBICIDE METHODS WITHIN BUFFER. IF OTHERWISE NOTED, NON-SURFACE AND/OR GROUND WATER LABEL ADVISORY HERBICIDES MAY BE APPLIED WITHIN THE BUFFER.

II. MAINTAIN A 164' RADIUS BUFFER AROUND WELL/SOURCE IF UTILIZING PRODUCTS THAT HAVE A SURFACE AND/OR GROUND WATER LABEL ADVISORY.

G. AGRICULTURAL LEASE/LAND MANAGEMENT

I. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

OIL CONTAINMENT LINER, & FOOTING

DO NOT APPLY CHEMICAL TREATMENT

NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	EP		COMPUTER REVISION ONLY	DAS	8/5/2021	JPJ

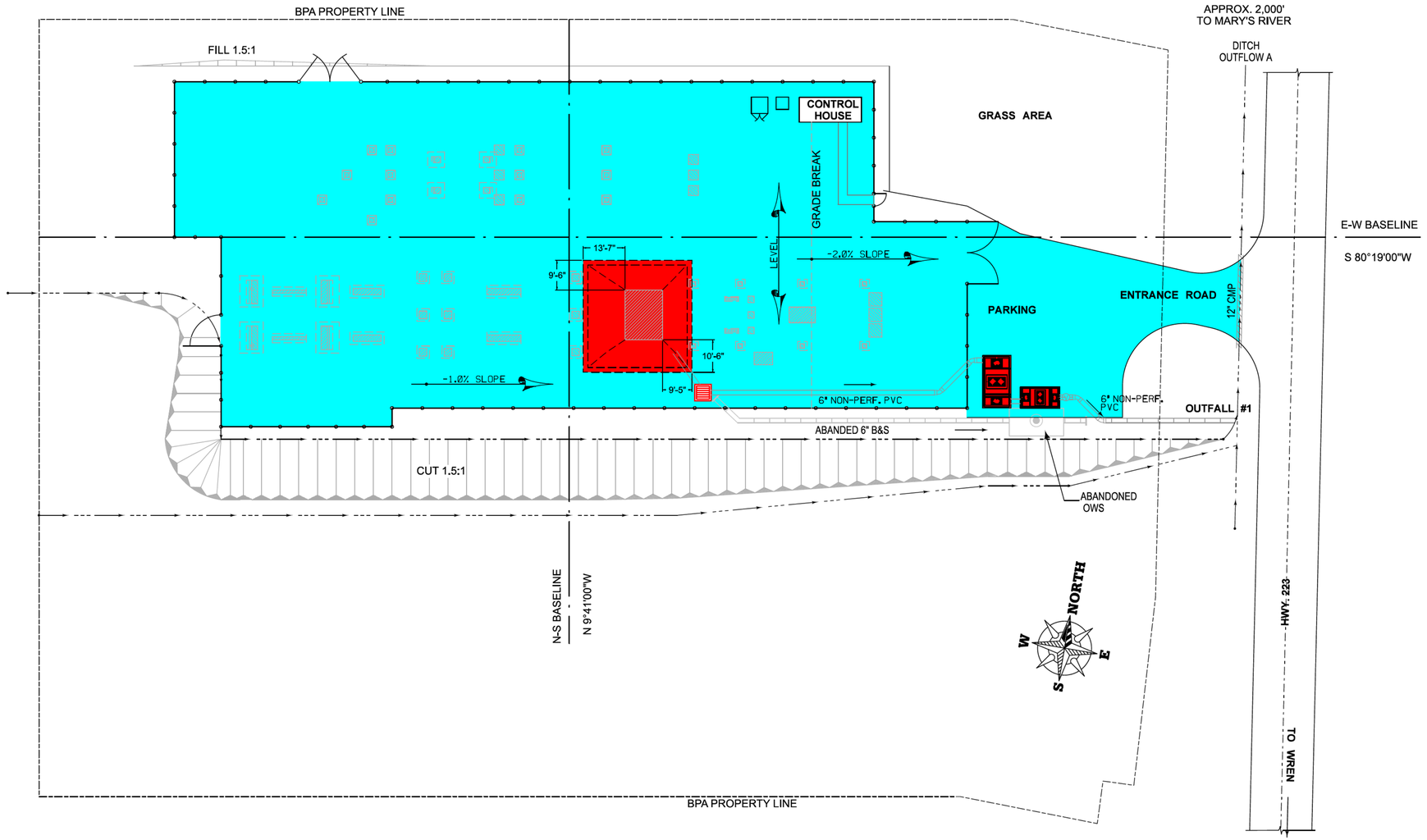
ENVIRONMENT
POLLUTION PREVENTION & ABATEMENT
BONNEVILLE POWER ADMINISTRATION

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

WENDSON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DRAWN BY: D. SAMSON
CHECKED BY: J. JOHNSON
LAST REVISED BY: J. JOHNSON 8/5/2021

SOURCE	SIZE	SERIAL	SHEET	REVISION
SEP	BPA A1	WEND_VEG	1 OF 1	0



SCALE 1" = 20'-0" 0 10 20 40 60 FT

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.6 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

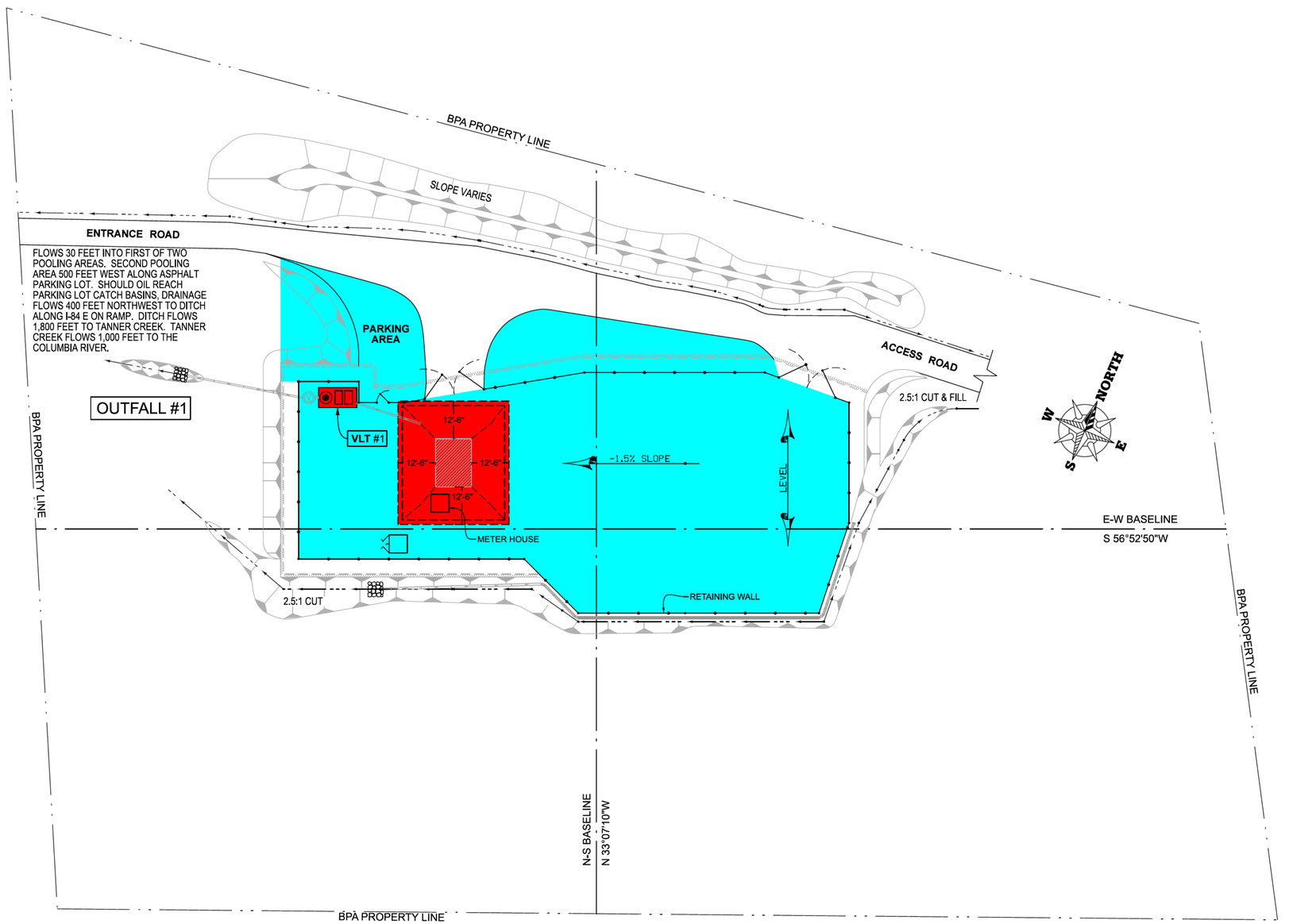
BONNEVILLE POWER ADMINISTRATION

UNITED STATES DEPARTMENT OF ENERGY

WREN SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_EUGENE Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
4/21/2023	SEP	BPA A1	WREN_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.3 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

G. AGRICULTURAL LEASE/LAND MANAGEMENT

POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

DRAINAGE CATCH BASINS

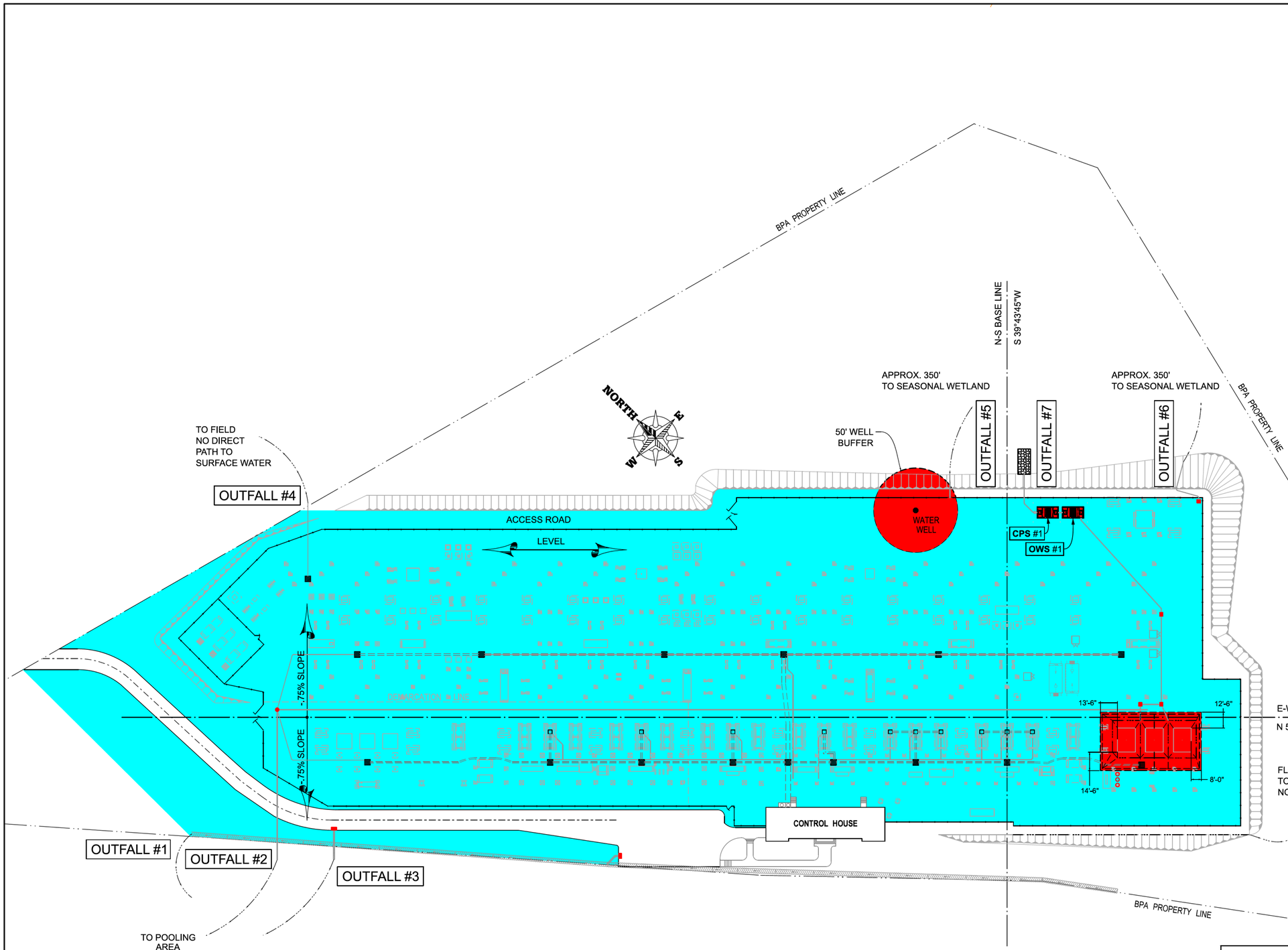
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

ACTON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_ROSS Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
3/3/2023	SEP	BPA A1	ACTN_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

4.75 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

B. DRINKING WATER/WELL SOURCE

NO CHEMICAL TREATMENT WITHIN A 50' RADIUS AROUND WELL/SOURCE.

D. GROUNDWATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A GROUND WATER ADVISORY ANYWHERE AT THIS SITE. UNLESS OTHERWISE INDICATED IN SITE SPECIFIC NOTES. (SEE APPROVED HERBICIDE LIST)

DO NOT APPLY CHEMICAL TREATMENT

WELL WITH 50' BUFFER

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

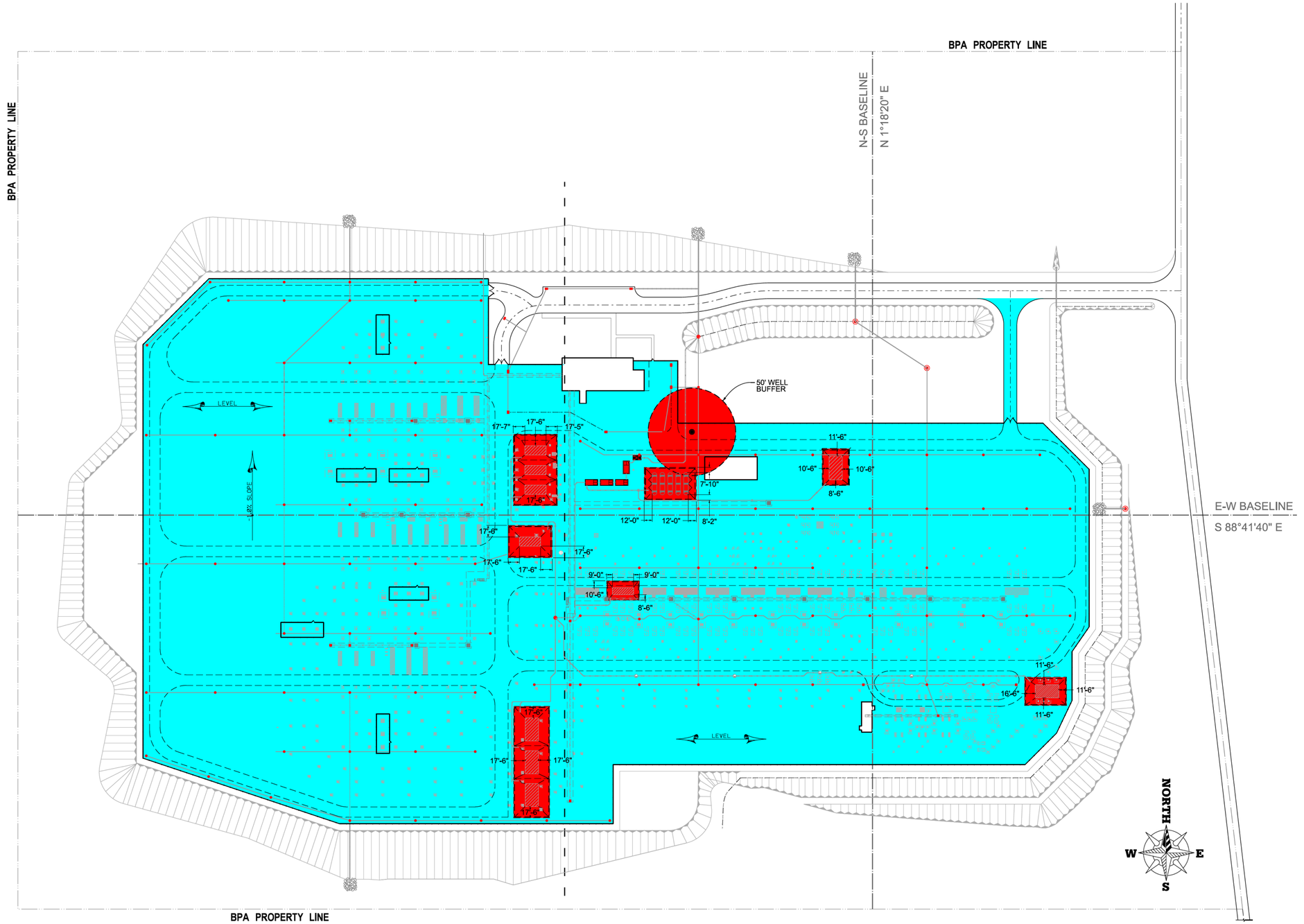
BONNEVILLE POWER ADMINISTRATION

UNITED STATES DEPARTMENT OF ENERGY

ALCOA SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_ROSS Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
3/6/2023	SEP	BPA A1	ALCO_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

20.1 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

B. DRINKING WATER/WELL SOURCE

NO CHEMICAL TREATMENT WITHIN A 50' RADIUS AROUND WELL/SOURCE.

D. GROUNDWATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A GROUND WATER ADVISORY ANYWHERE AT THIS SITE. UNLESS OTHERWISE INDICATED IN SITE SPECIFIC NOTES. (SEE APPROVED HERBICIDE LIST)

DO NOT APPLY CHEMICAL TREATMENT

WELL WITH 50' BUFFER

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

SCALE 1" = 80'-0" 0 40 80 160 240 FT

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

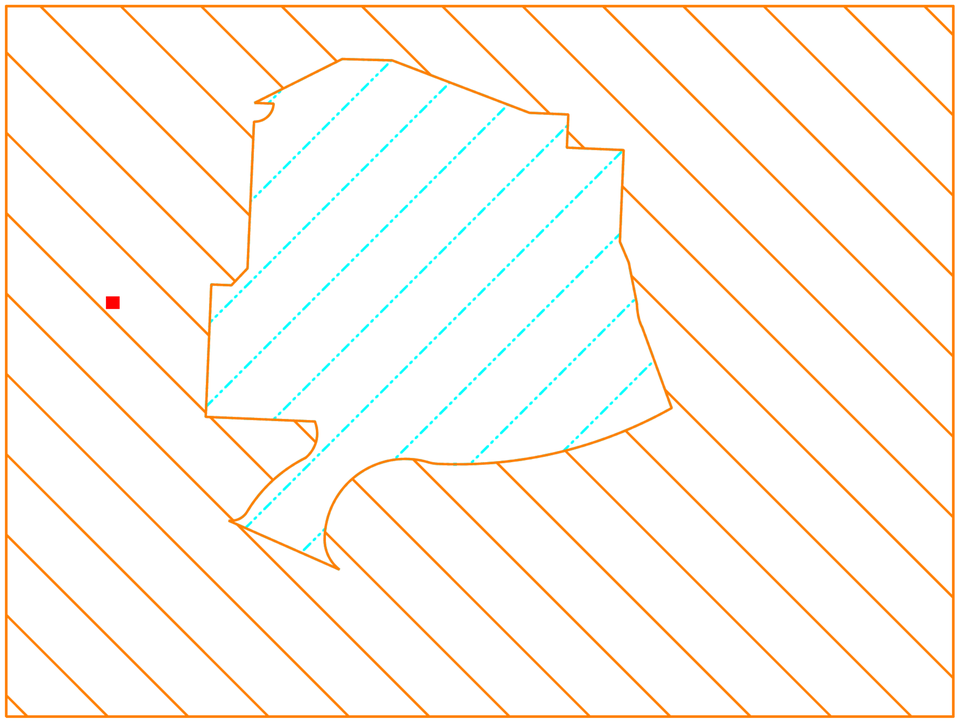
BONNEVILLE POWER ADMINISTRATION

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

ALLSTON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_LONGVIEW Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
1/19/2024	SEP	BPA A1	ALSN_VEG	1 OF 1



SITE SPECIFIC MITIGATION MEASURES

A. STORMWATER CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.

II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.

III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

G. AGRICULTURAL LEASE/LAND MANAGEMENT

I. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (*EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP -
INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (*TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRICAL FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

RESTRICTED VEGETATION -
SITE SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

0.1528 ACRES

SCALE 1/16" = 1'-0" 0 5 10 20 30 40 50 FT

NORTH W E S

NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	C		COMPUTER REVISION ONLY	DAS	4/12/2019	SGH BT

DESIGNED BY: B. TILLEY
DRAWN BY: D. SAMSON
CHECKED BY: S. HUGILL
FINAL REVIEW BY: B. TILLEY 4/12/2019

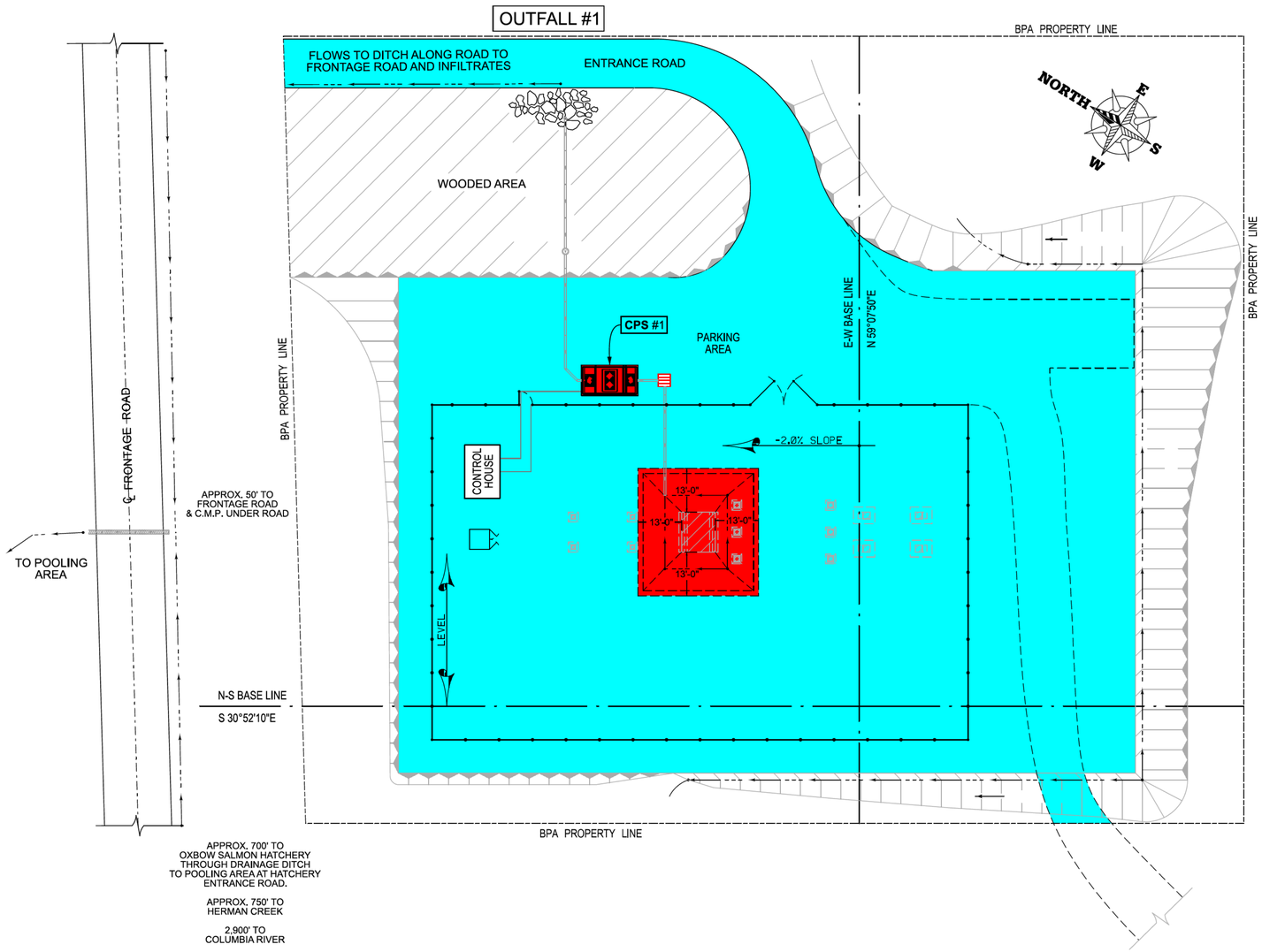
BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

BIDDLE BUTTE RADIO STATION

VEGETATION MANAGEMENT SITE PLAN

DISTRICT ROSS - REGION SOUTH

SOURCE	SIZE	SERIAL	SHEET	REVISION
SEP	BPA A1	BDLB	1 OF 1	1



SCALE 1" = 20'-0" 0 10 20 40 60 FT

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.8 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

D. GROUNDWATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A GROUND WATER ADVISORY ANYWHERE AT THIS SITE. UNLESS OTHERWISE INDICATED IN SITE SPECIFIC NOTES. (SEE APPROVED HERBICIDE LIST)

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

DRAINAGE CATCH BASINS

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

CASCADE LOCKS SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_ROSS Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
3/3/2023	SEP	BPA A1	CALK_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

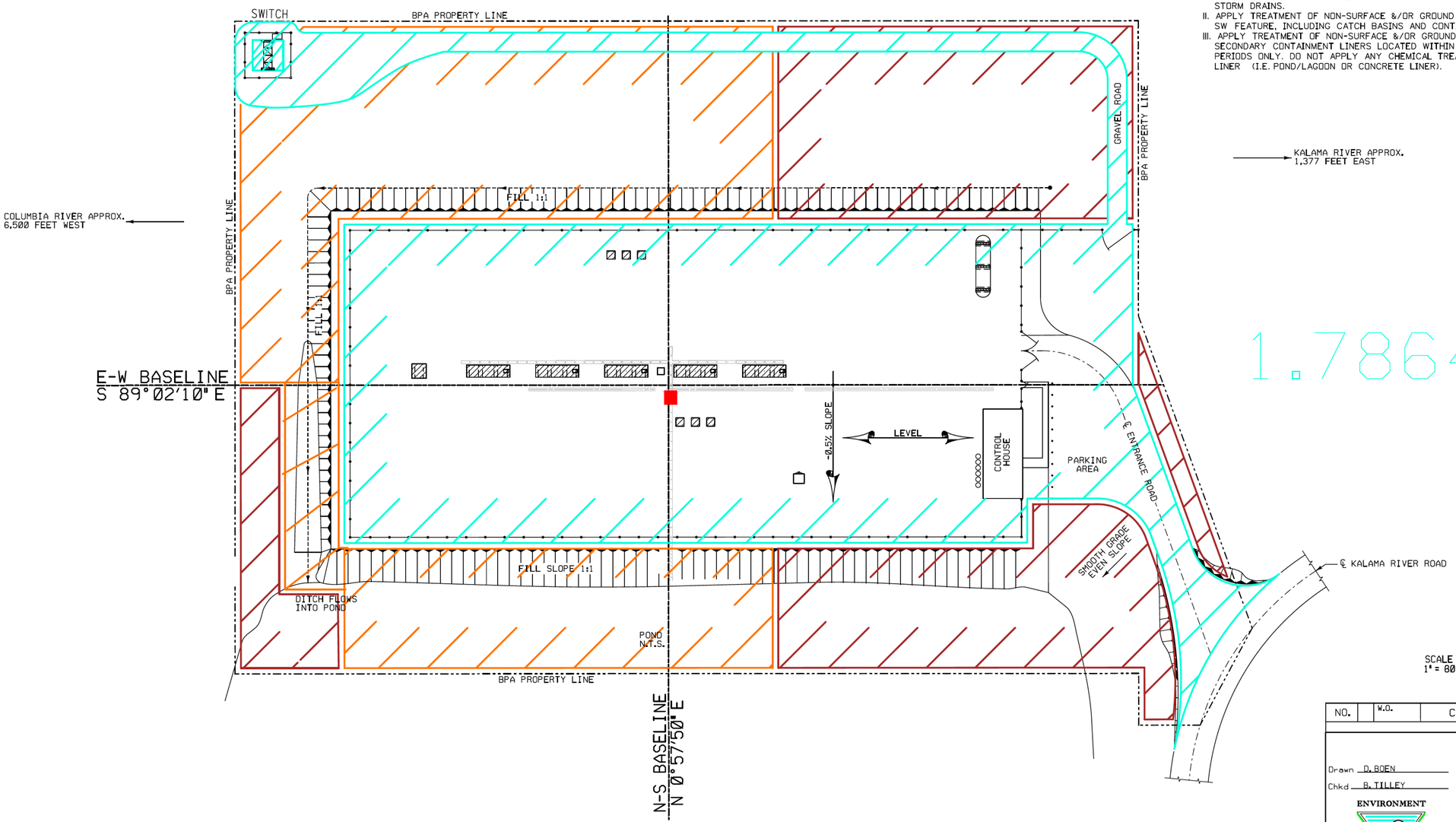
FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

LEGEND

- DRAINAGE CATCH BASIN
- OPEN JOINT CONCRETE PIPE
- SOLID B & S CONCRETE PIPE
- SOLID PVC PLASTIC PIPE
- CORRUGATED METAL PIPE
- DITCH FLOW
- ELECTRICAL MANHOLE
- FOOTINGS



SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 12/1/2016

CARDWELL SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST LONGVIEW REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
CARD	SEP	A1	1 OF 1	Ø

TRIM LINE
TRIM LINE
DATE

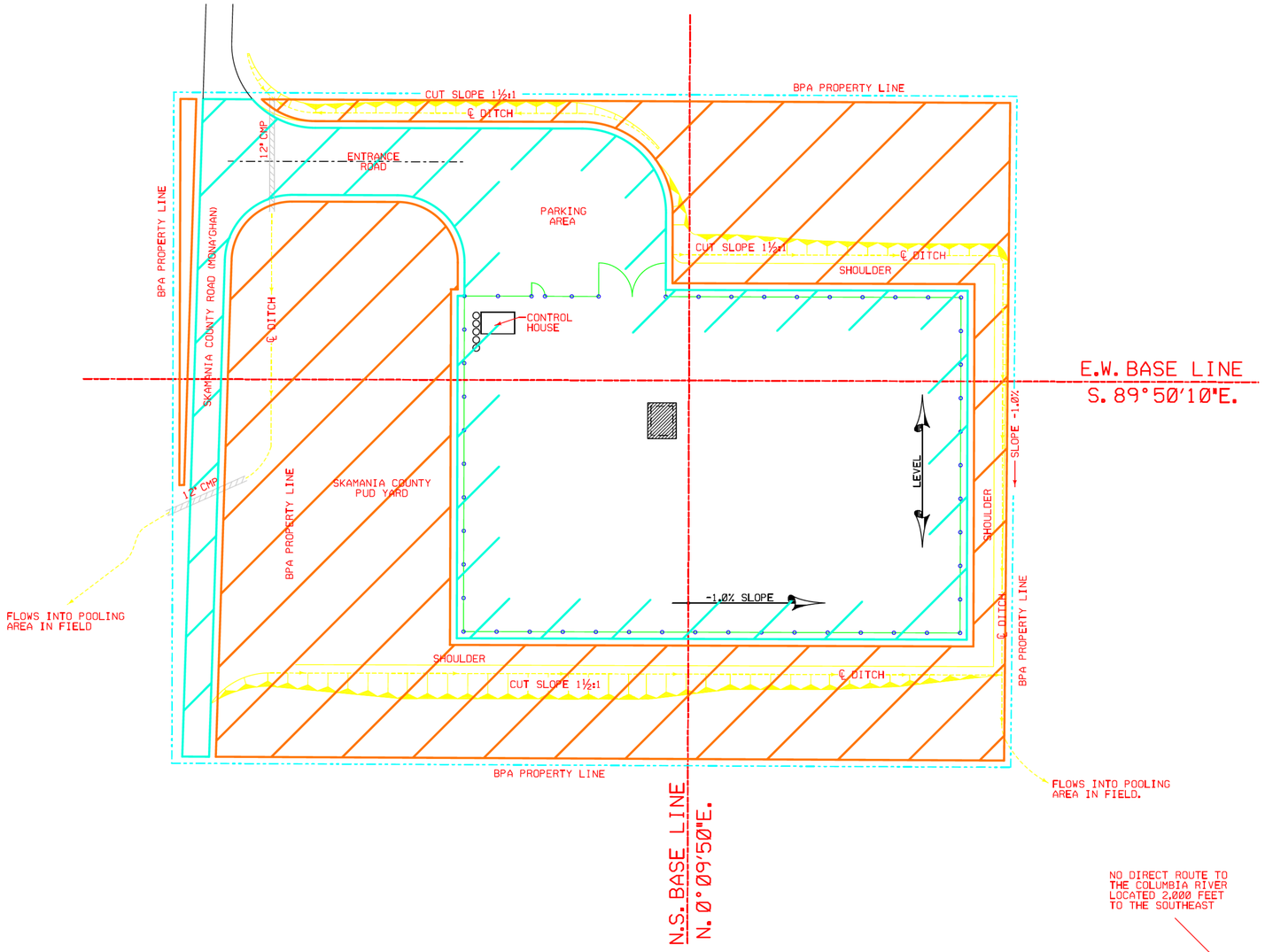
VEGETATION MANAGEMENT KEY

- BARE GROUND OR GRAVEL, EXTENDING 5 FEET OUTSIDE OF SUBSTATION SECURITY FENCE PERIMETER. TOTAL VEGETATION CONTROL REQUIRED.
- FIELD GRASS OR OTHER LOW GROWING GROUND COVER CROP. MOSTLY MECHANICAL CONTROL. SPOT HERBICIDE TREATMENT FOR SOME BROAD LEAF AND NOXIOUS WEED CONTROL.
- LANDSCAPED LAWN REQUIRING FERTILIZER & BROAD LEAF CONTROL.
- ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL GROUND CONTROL.
- AREA NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF UNWANTED/DANGER TREES, GRASSES AND SHRUBS.

LEGEND

- CORRUGATED METAL PIPE
- DITCH FLOW
- ELECTRICAL MANHOLE OR HANDHOLE
- FOOTINGS

RED DENOTES CRITICAL CONTROL POINT



SCALE 1" = 40'-0" 0 10 20 40 60 FT

NO.		W.O.	COMPUTER REVISION ONLY	

OFFICIAL USE ONLY

Drawn BE BOSCO

Chkd E. STRATTON

ENVIRONMENT

BPA PP&A

Last Revised:

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

CARSON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST ROSS REGION OLYMPIA

SERIAL	SOURCE	SIZE	SHEET	REVISION
CARS31	KEP	A1	1 OF 1	Ø

TRIM LINE

TRIM LINE

DATE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

4.2 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

G. AGRICULTURAL LEASE/LAND MANAGEMENT

POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

SCALE 1" = 50'-0" 0 25 50 100 150 FT

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

CLATSOP SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_LONGVIEW Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
3/20/2023	SEP	BPA A1	CLSO_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

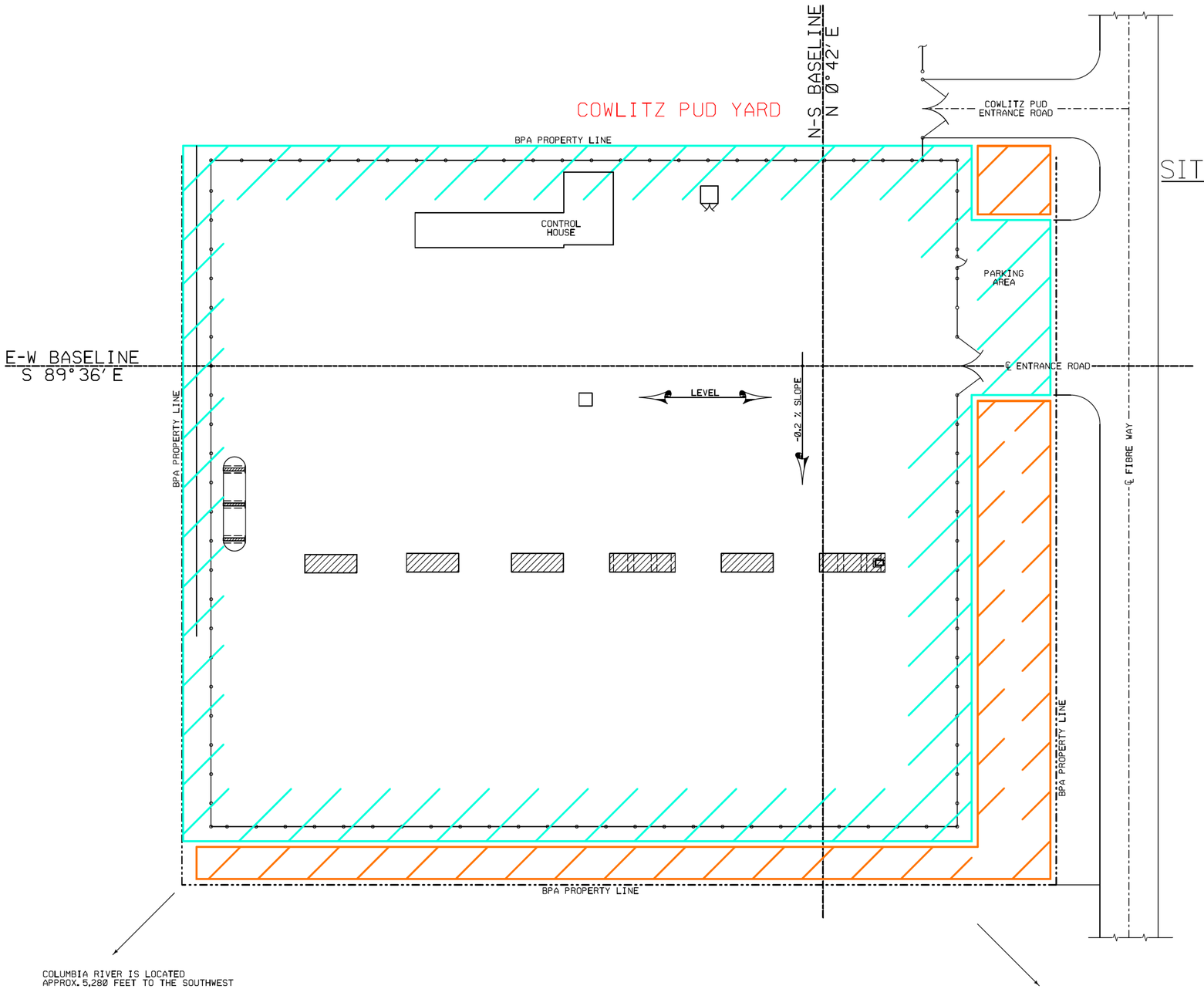
BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

LEGEND

ELECTRICAL MANHOLE OR HANDHOLE

FOOTINGS



SITE -SPECIFIC MITIGATION MEASURES

NONE

1.5187 Acres

SCALE 1" = 40'-0" 0 10 20 40 60 FT

NO.	W.O.	COMPUTER REVISION ONLY

Drawn BE BOSCO
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised: 10/10/2018

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

COWLITZ SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST LONGVIEW REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
COWL	SEP	A1	1 OF 1	0

TRIM LINE TRIM LINE **DATE**

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

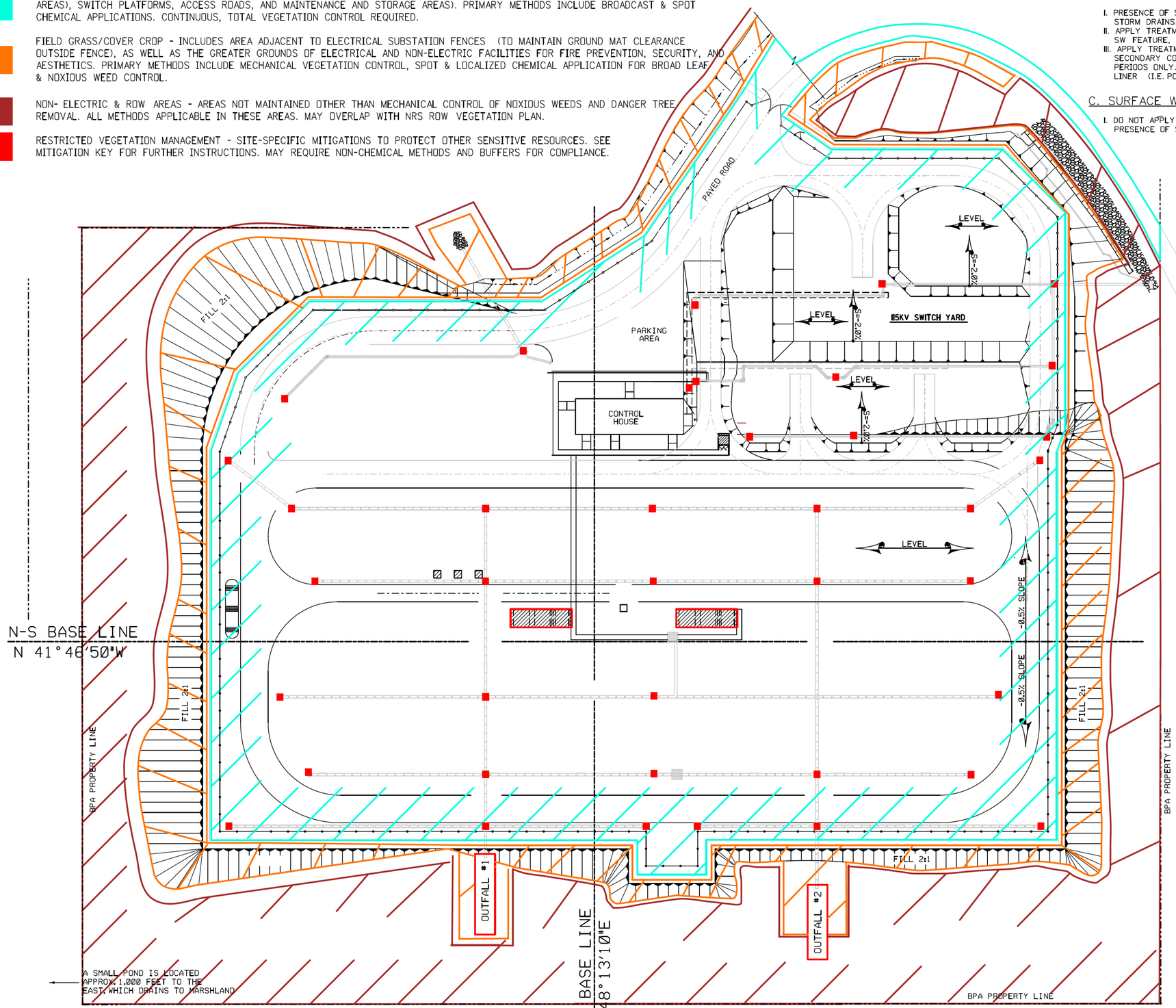
SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

C. SURFACE WATER PROTECTION

I. DO NOT APPLY ANY CHEMICAL HAVING A SURFACE WATER LABEL ADVISORY DUE TO POTENTIAL PRESENCE OF SURFACE WATER AT OR ADJACENT TO FACILITY.



LEGEND

- DRAINAGE CATCH BASIN
- OPEN JOINT CONCRETE PIPE
- SOLID B & S CONCRETE PIPE
- CORRUGATED METAL PIPE
- STEEL PIPE
- DITCH FLOW
- ELECTRICAL MANHOLE OR HANDHOLE
- FOOTINGS

4.0818 Acres

SCALE 1" = 80'-0" 0 15 30 60 90 FT

NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

Drawn D. BOEN
Chkd B. TILLEY

ENVIRONMENT
BPA PP&A

Last Revised: 12/27/2016

DRISCOLL SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST LONGVIEW REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
DRIS	SEP	A1	1 OF 1	Ø

••DATE••

TRIM LINE

TRIM LINE

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

4.3 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

FLOWS INTO FLAT MEADOW

OWS #1

CPS #1

VLT #1

OWS #2

9'-6"

11'-6"

13'-6"

18'-6"

CONTROL HOUSE

ENTRANCE RD.

SUBSTATION ENTRANCE RD. CONTINUES APPROX. 625' TO PELICAN DR.

E-W BASELINE

N 46°40'30" E

REGEN STATION

OUTFALL #1

POOLING AREA

NORTH

W

E

S

OUTFALL #3

OUTFALL #2

POOLING AREA

N-S BASELINE

N 43° 19'30" W

APPROX. 2,420' TO COWLITZ RIVER

SCALE 1" = 40'-0" 0 20 40 80 120 FT

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

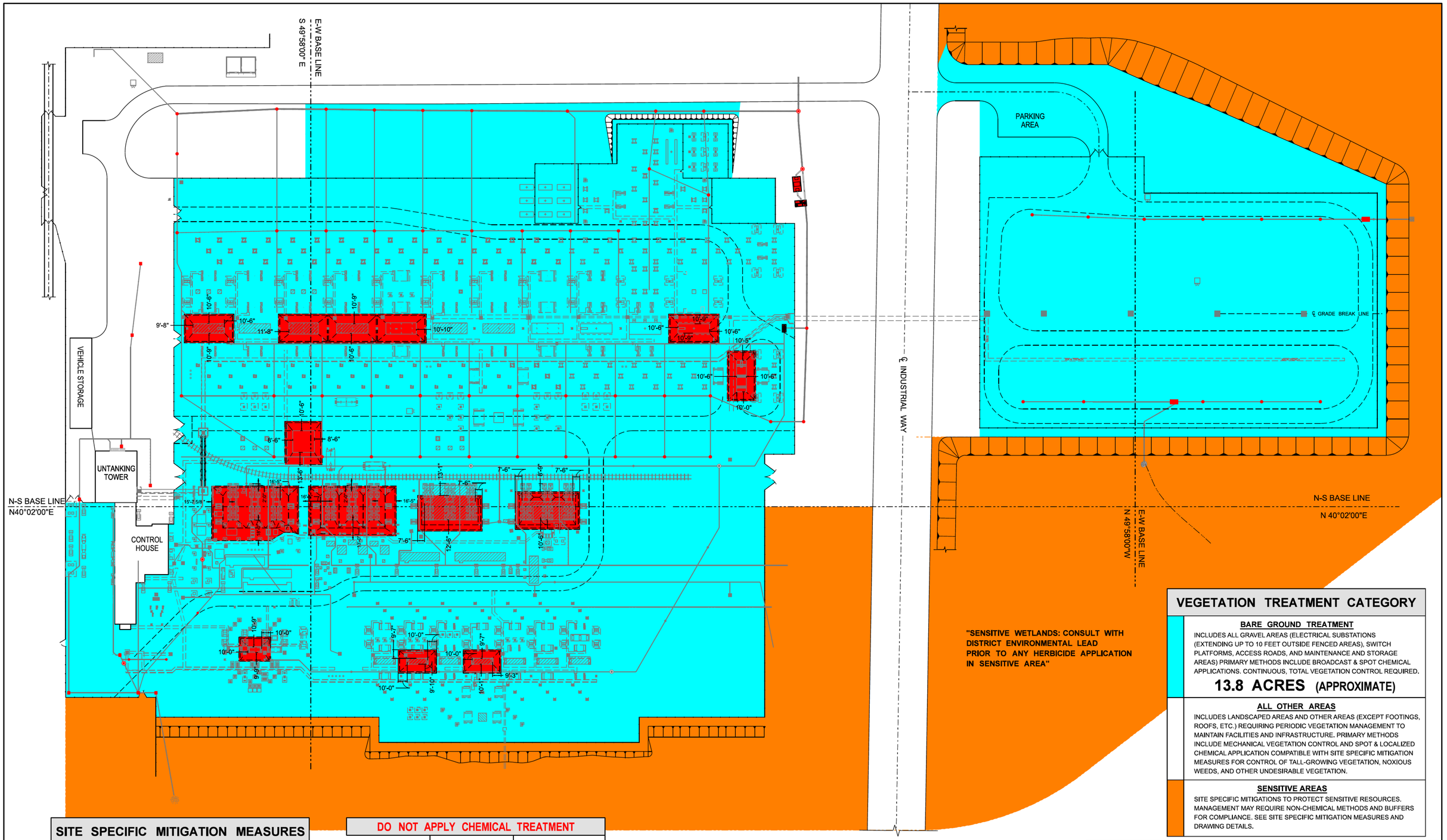
BONNEVILLE POWER ADMINISTRATION

UNITED STATES DEPARTMENT OF ENERGY

LEXINGTON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_LONGVIEW Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
3/20/2023	SEP	BPA A1	LEXI_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

13.8 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SENSITIVE AREAS

SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

C. SURFACE WATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A SURFACE WATER ADVISORY ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

SCALE 1" = 50'-0" 0 25 50 100 150 FT

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

LONGVIEW SUBSTATION VEGETATION MANAGEMENT SITE PLAN

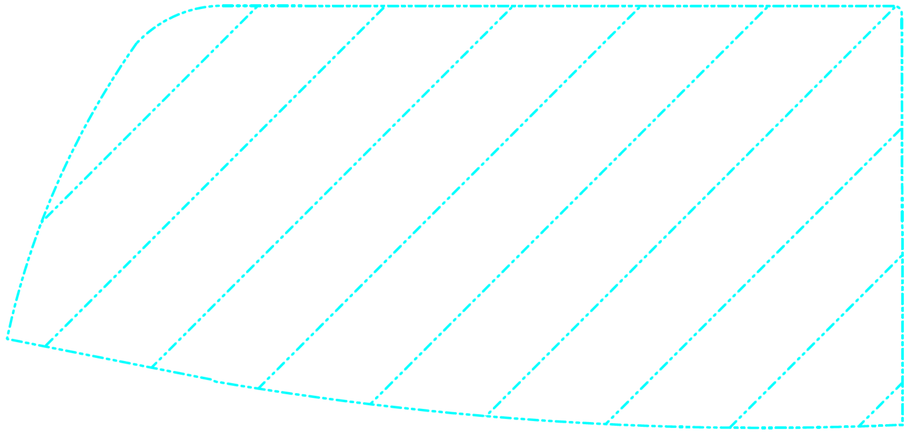
District_LONGVIEW Region_EAST

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
3/13/2023	SEP	BPA A1	LONG_VEG	1 OF 1

SITE SPECIFIC MITIGATION MEASURES

G. AGRICULTURAL LEASE/LAND MANAGEMENT

I. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.



0.1353 ACRES

SCALE
1" = 10'-0"
0 5 10 20 30 FT

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (*EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

NORTH
W E
S

NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	C		COMPUTER REVISION ONLY	DAS	4/12/2019	SGH BT

DESIGNED BY: B. TILLEY
DRAWN BY: D. SAMSON
CHECKED BY: S. HUGILL
FINAL REVIEW BY: B. TILLEY 4/12/2019

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

MEGLER RADIO STATION

VEGETATION MANAGEMENT SITE PLAN

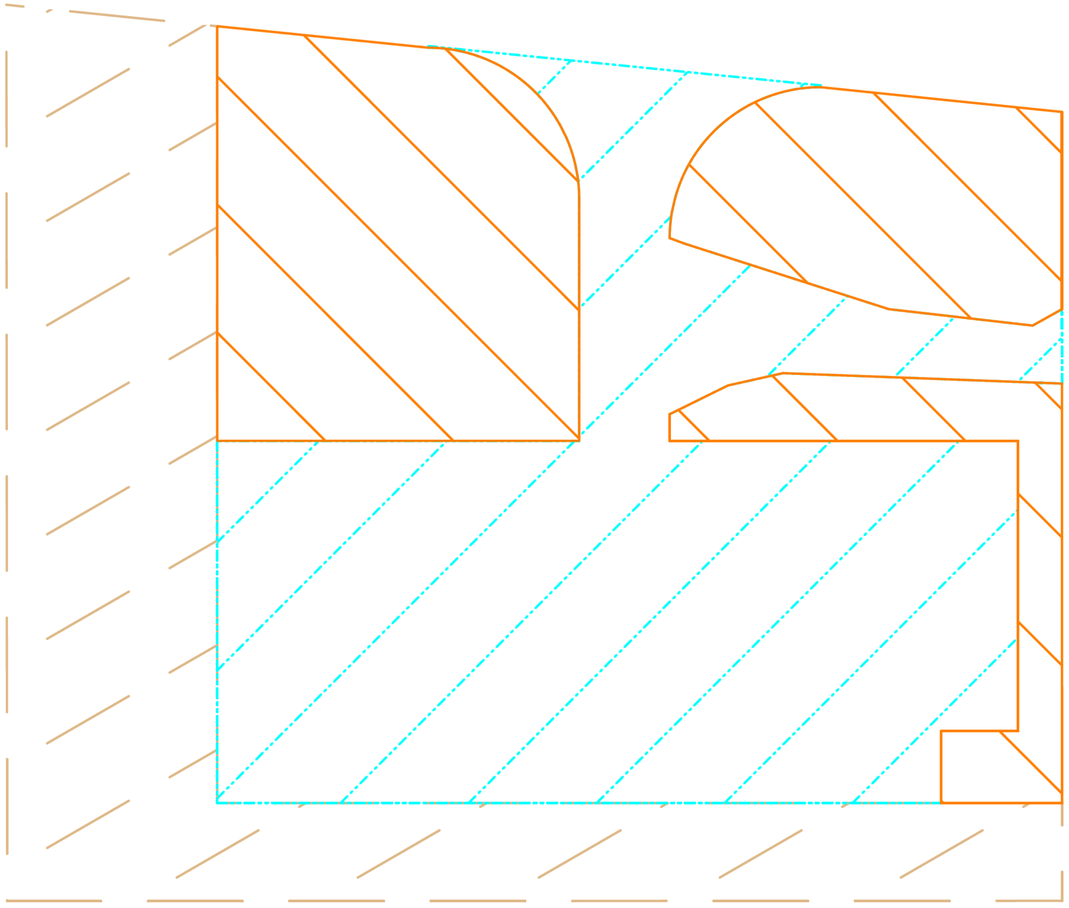
DISTRICT LONGVIEW - REGION SOUTH

SOURCE	SIZE	SERIAL	SHEET	REVISION
SEP	BPA A1	MGLW	1 OF 1	1

SITE SPECIFIC MITIGATION MEASURES

G. AGRICULTURAL LEASE/LAND MANAGEMENT

I. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.



VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (*EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP -
INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (*TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRICAL FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

NON-ELECTRIC & ROW AREAS -
INCLUDES AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

0.1467 ACRES

SCALE
1" = 10'-0"
0 5 10 20 30 FT

N
W E
S

NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	C		COMPUTER REVISION ONLY	DAS	4/15/2019	SGH BT

DESIGNED BY: B. TILLEY
DRAWN BY: D. SAMSON
CHECKED BY: S. HUGILL
FINAL REVIEW BY: B. TILLEY 4/15/2019

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

NASELLE RIDGE RADIO STATION

VEGETATION MANAGEMENT SITE PLAN

DISTRICT LONGVIEW - REGION SOUTH

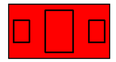
SOURCE	SIZE	SERIAL	SHEET	REVISION
SEP	BPA A1	NASR	1 OF 1	1

DO NOT APPLY CHEMICAL TREATMENT

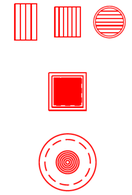
GEOMEMBRANE LINER OIL CONTAINMENT AREA



OIL WATER SEPARATOR OWS/CPS



DRAINAGE CATCH BASINS



SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

D. GROUNDWATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A GROUND WATER ADVISORY ANYWHERE AT THIS SITE. UNLESS OTHERWISE INDICATED IN SITE SPECIFIC NOTES. (SEE APPROVED HERBICIDE LIST)

E. AQUATIC SPECIES PROTECTION

DO NOT APPLY ANY CHEMICAL THAT IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

VEGETATION TREATMENT CATEGORY

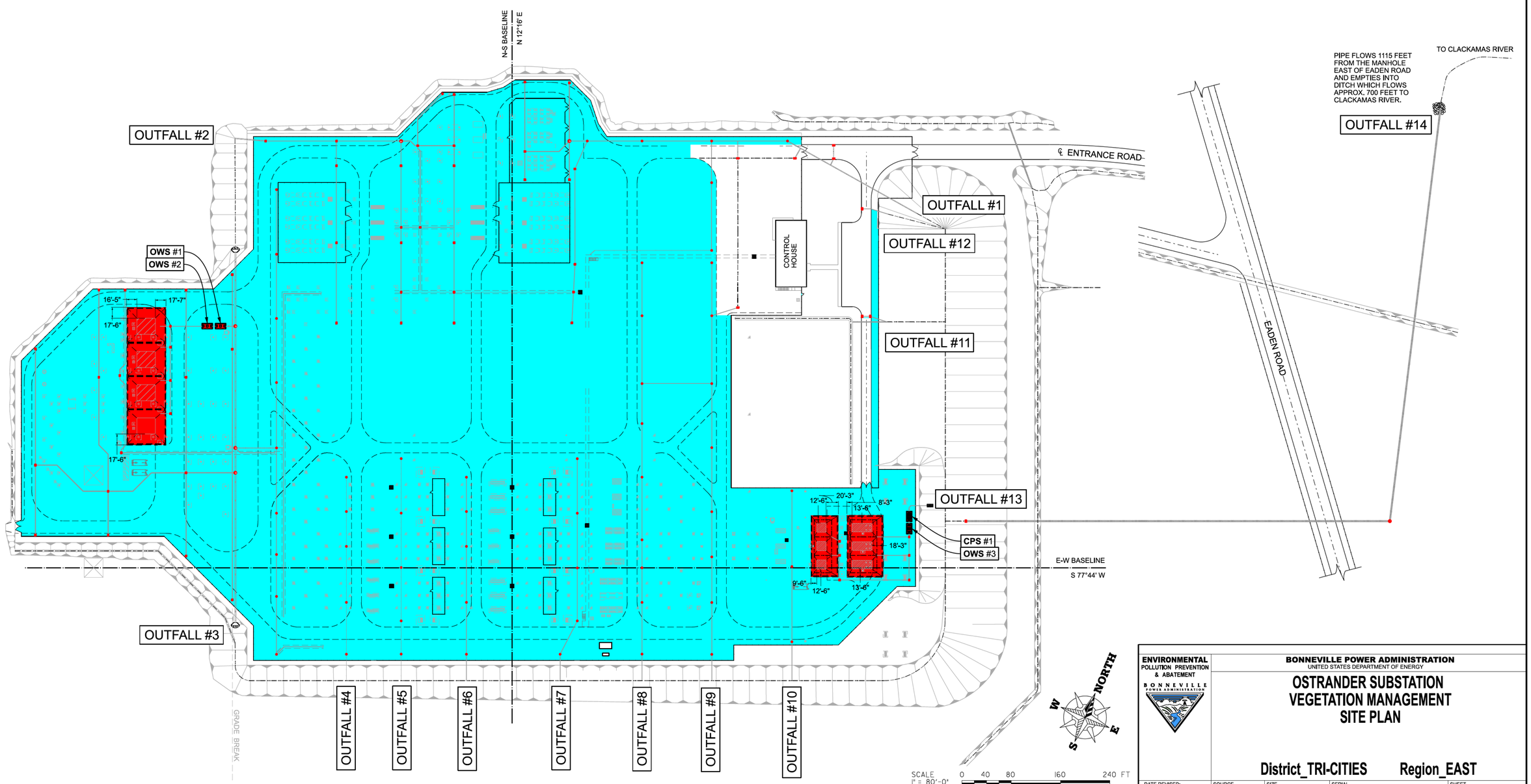
BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

19.1 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.



ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

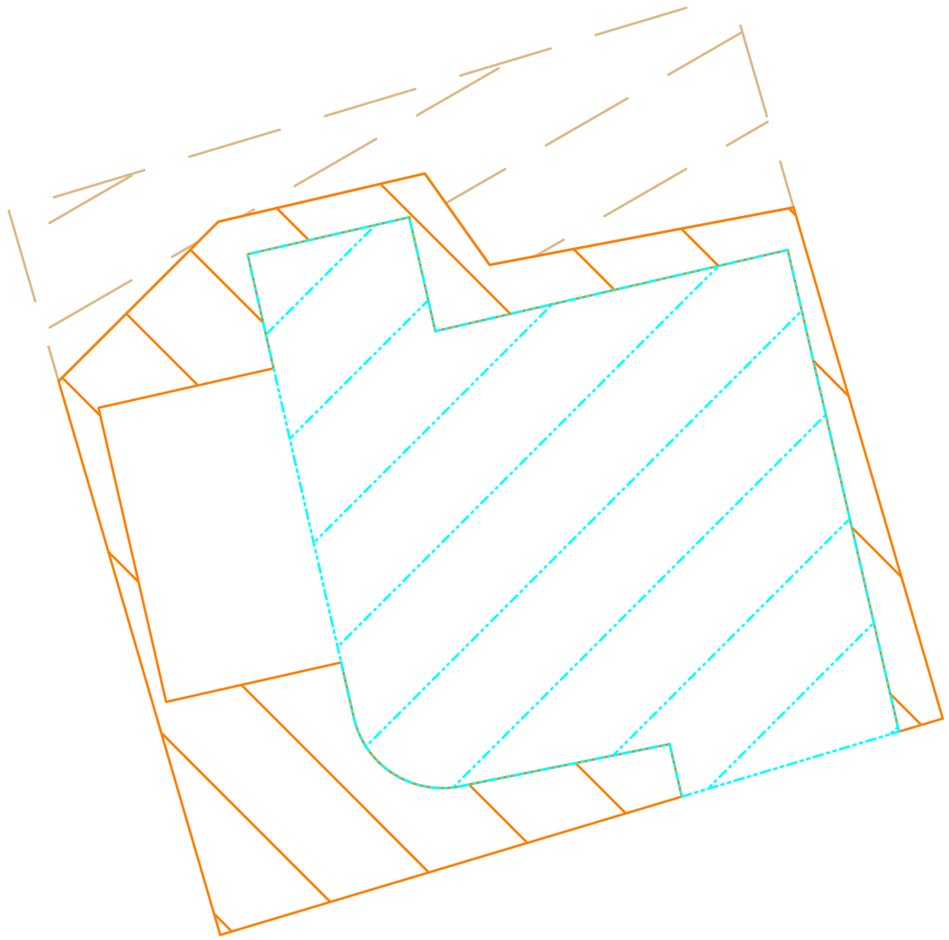
BONNEVILLE POWER ADMINISTRATION

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

OSTRANDER SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_TRI-CITIES Region_EAST

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
3/3/2023	SEP	BPA A1	OSTD_VEG	1 OF 1



VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (*EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP -
INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (*TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRICAL FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

NON-ELECTRIC & ROW AREAS -
INCLUDES AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

NORTH
W E
S

0.1078 ACRES

SCALE 1" = 10'-0" 0 5 10 20 30 FT

NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	C		COMPUTER REVISION ONLY	DAS	4/15/2019	SGH BT

DESIGNED BY: B. TILLEY
DRAWN BY: D. SAMSON
CHECKED BY: S. HUGILL
FINAL REVIEW BY: B. TILLEY 4/15/2019

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

RAINER RADIO STATION

VEGETATION MANAGEMENT SITE PLAN

DISTRICT LONGVIEW - REGION SOUTH

SOURCE	SIZE	SERIAL	SHEET	REVISION
SEP	BPA A1	RAIR	1 OF 1	1

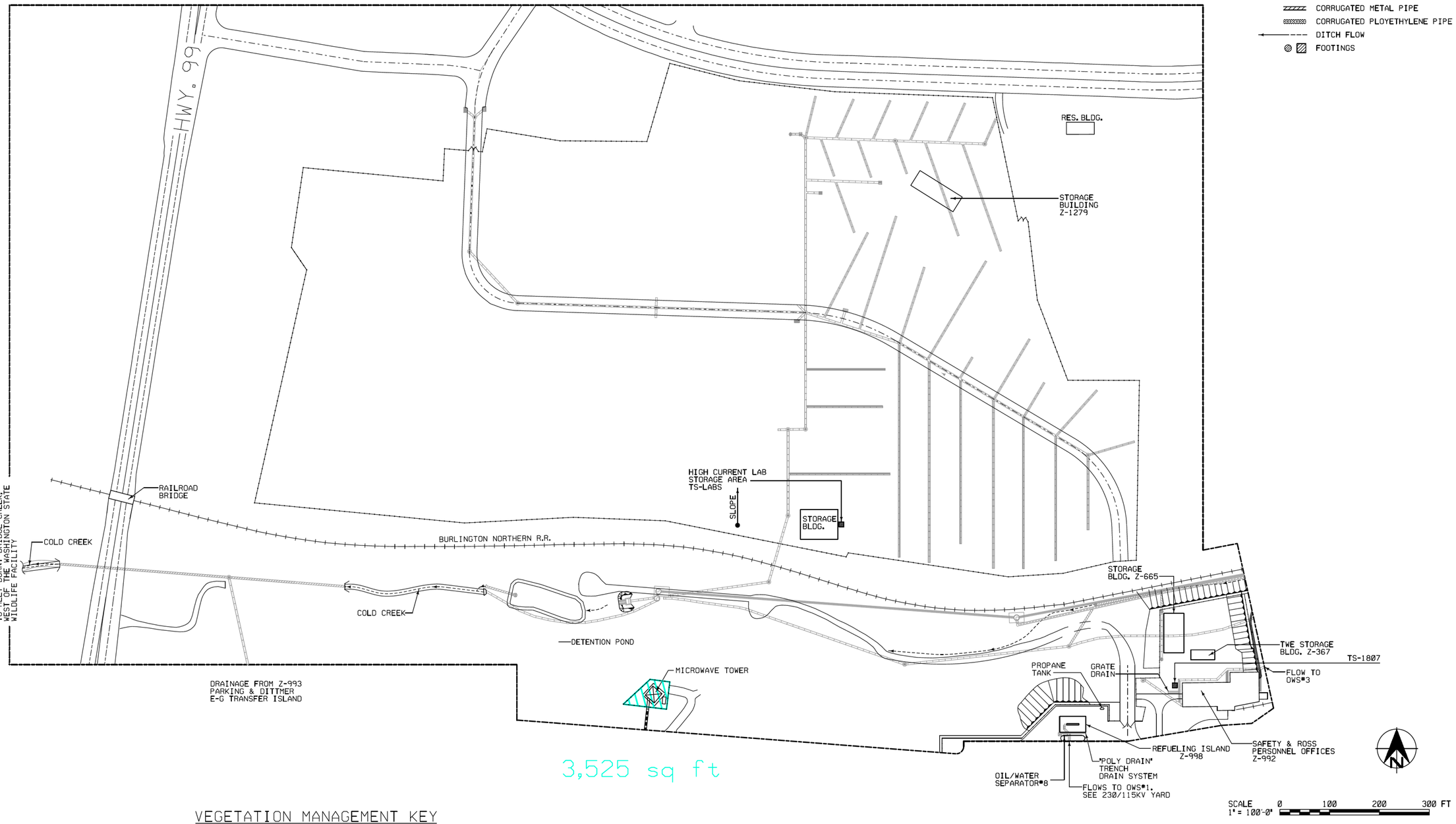
TRIM LINE

TRIM LINE

DATE

LEGEND

- DRAINAGE CATCH BASIN
- DRAINAGE MANHOLE
- PERFORATED B & S CONCRETE PIPE
- SOLID B & S CONCRETE PIPE
- CAST IRON PIPE OR GALVANIZED STEEL PIPE
- SOLID PVC PLASTIC PIPE
- CORRUGATED METAL PIPE
- CORRUGATED PLOYETHYLENE PIPE
- DITCH FLOW
- FOOTINGS

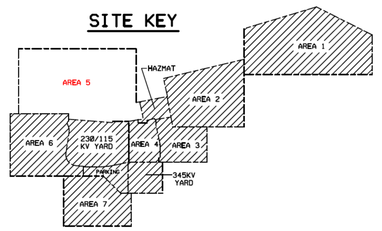


VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

SITE KEY



NO.	W.O.	COMPUTER REVISION ONLY

Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 1/5/2017

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

ROSS COMPLEX VEGETATION MANAGEMENT AREA 5-NW STORAGE YARD

DIST ROSS REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
ROSS316	EP	A1	1 OF 1	0

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

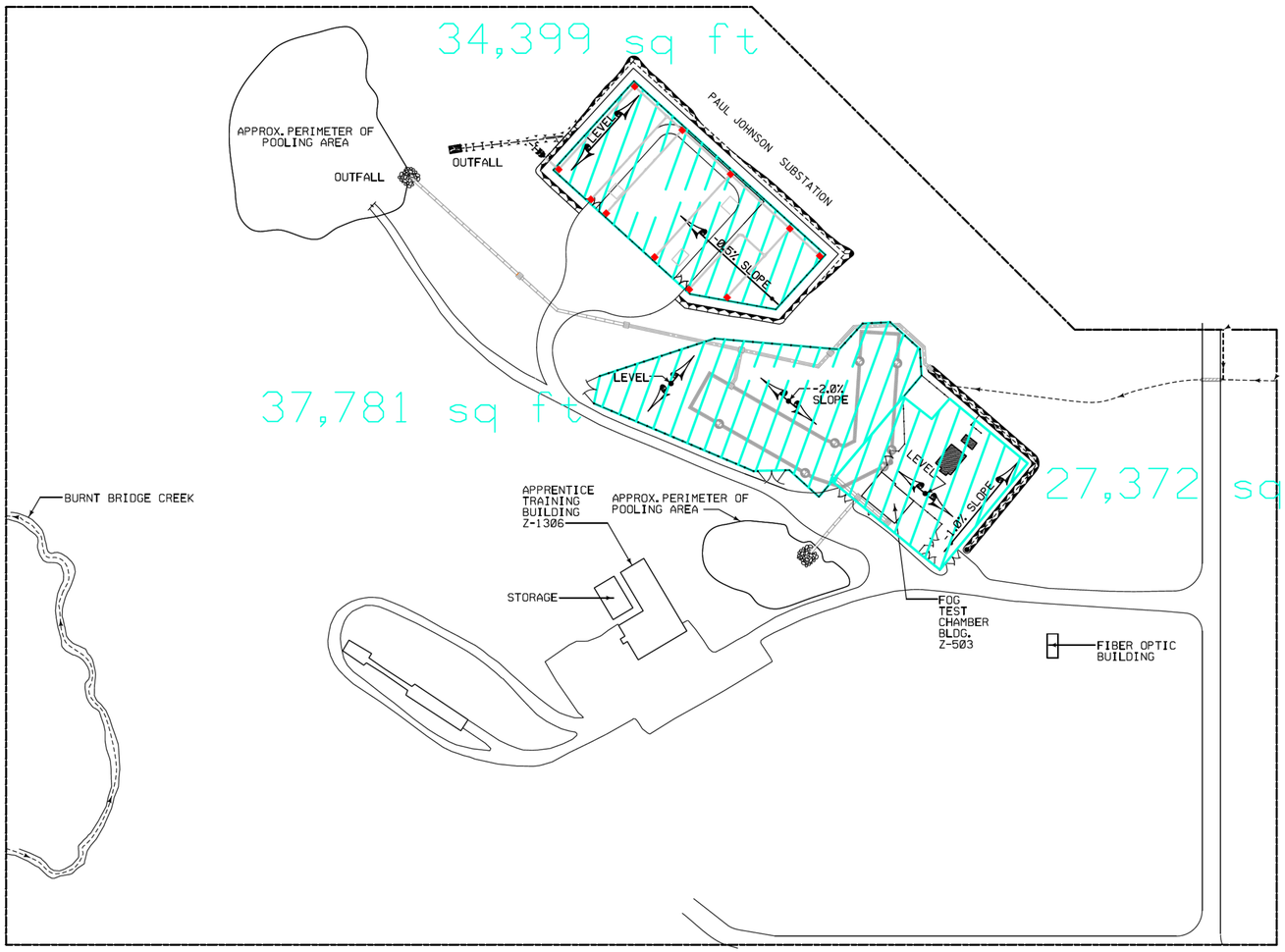
SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

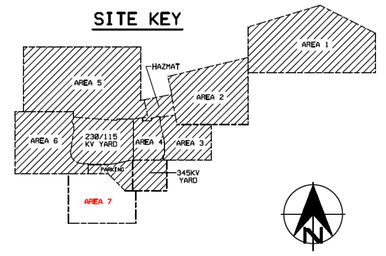
I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

LEGEND

- DRAINAGE CATCH BASIN
- DRAINAGE CLEANOUT
- SOLID B & S CONCRETE PIPE
- PERFORATED PVC PLASTIC PIPE
- SOLID PVC PLASTIC PIPE
- CORRUGATED METAL PIPE
- DITCH FLOW
- FOOTINGS



SITE KEY



SCALE 1" = 80'-0" 0 40 80 160 240 FT

NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

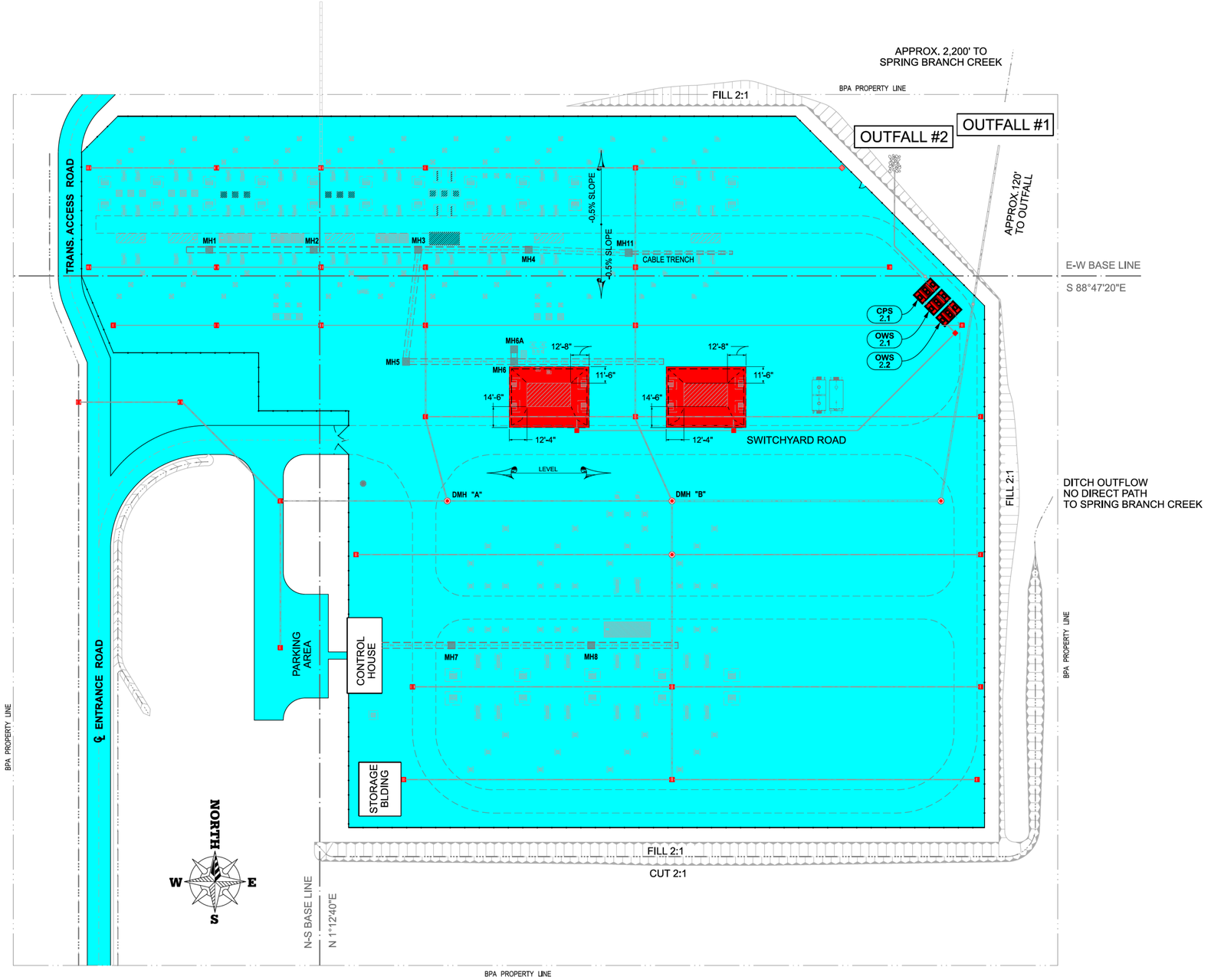
Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 3/28/2019

ROSS COMPLEX VEGETATION MANAGEMENT AREA 7-FOG TEST CHAMBER

DIST REGION

SERIAL	SOURCE	SIZE	SHEET	REVISION
ROSS318	EP	A1	1 OF 1	Ø

TRIM LINE
TRIM LINE
DATE



SUBSTATION ENTRANCE ROAD
CONTINUES APPROX. 675' TO N.E. 39TH ST.

SCALE 1" = 40'-0" 0 20 40 80 120 FT

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

5.9 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

DRAINAGE CATCH BASINS

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

SIFTON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_ROSS Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
2/7/2024	SEP	BPA A1	SIFT_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

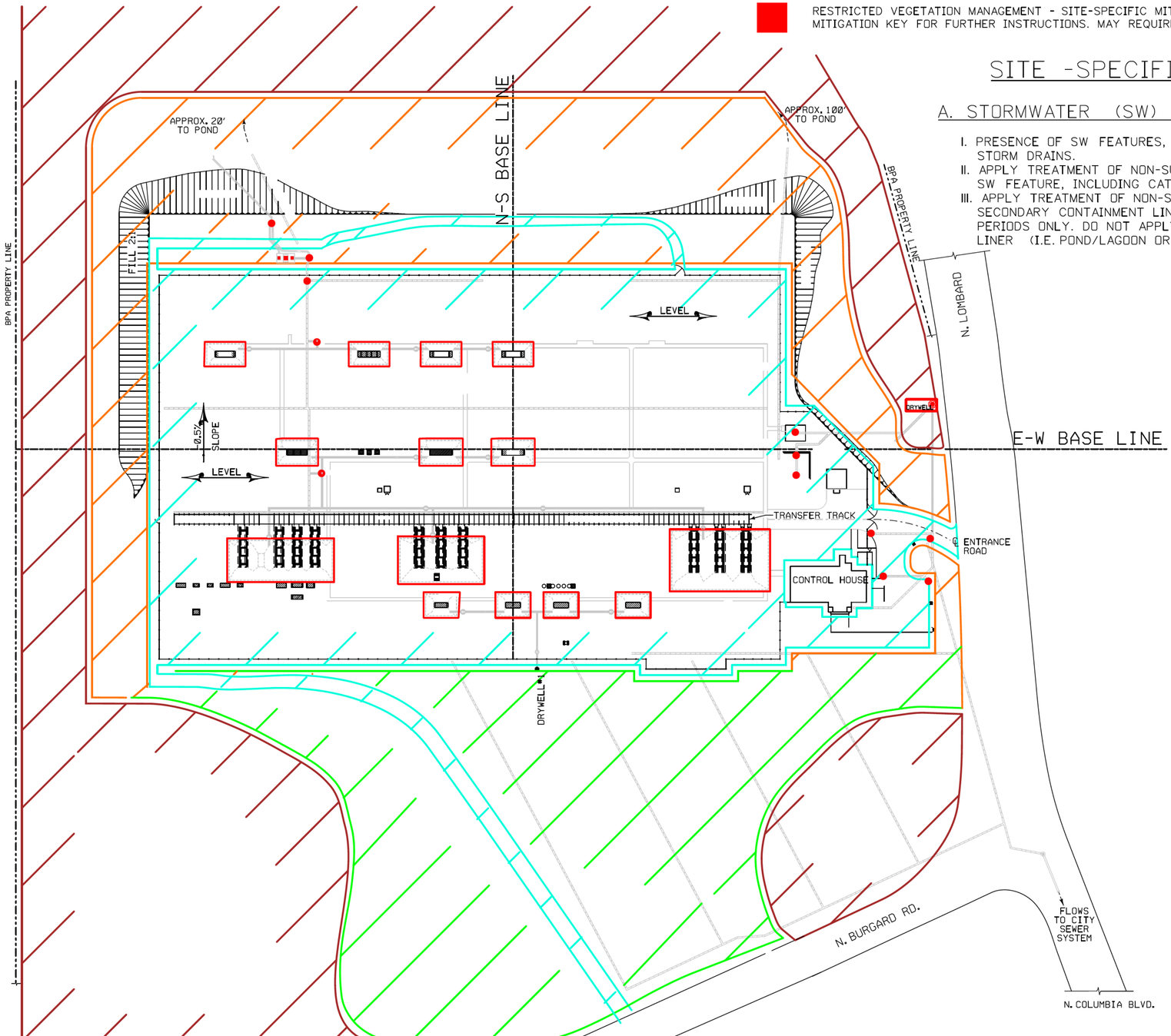
BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

LANDSCAPING - INCLUDES AREAS WITH LAWNS REQUIRING FERTILIZATION AND BROADLEAF CONTROL, AS WELL AS ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL. PRIMARY METHODS INCLUDE MANUAL AND MECHANICAL VEGETATION CONTROL, AND SPOT CHEMICAL APPLICATIONS FOR BROAD LEAF CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.



SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

OIL CONTAINMENT LINER, & FOOTING
APPLY NON-SURFACE &/OR NON-GROUND WATER LABEL HERBICIDES DURING DRY PERIOD

7.1738 ACRES

N

SCALE 1" = 60000'
0 30 60 120 180 FT

NO.	W.O.	COMPUTER REVISION ONLY

Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 3/27/2019

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

ST. JOHNS SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST ROSS REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
STJ031	EP	A1	1 OF 1	Ø

VEGETATION MANAGEMENT KEY

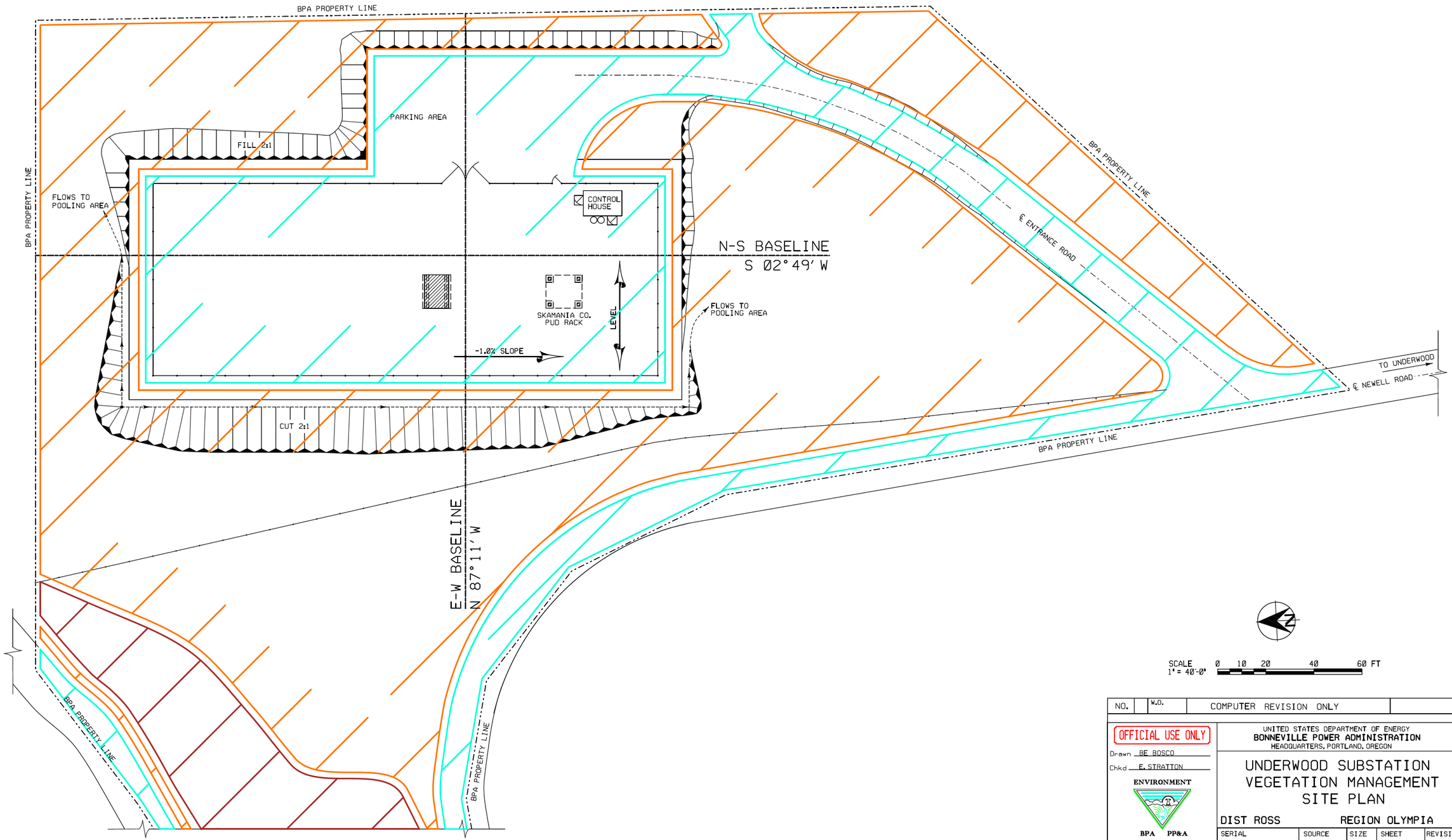
- BARE GROUND OR GRAVEL, EXTENDING 5 FEET OUTSIDE OF SUBSTATION SECURITY FENCE PERIMETER. TOTAL VEGETATION CONTROL REQUIRED.
- FIELD GRASS OR OTHER LOW GROWING GROUND COVER CROP. MOSTLY MECHANICAL CONTROL. SPOT HERBICIDE TREATMENT FOR SOME BROAD LEAF AND NOXIOUS WEED CONTROL.
- LANDSCAPED LAWN REQUIRING FERTILIZER & BROAD LEAF CONTROL.
- ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL GROUND CONTROL.
- AREA NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF UNWANTED/DANGER TREES, GRASSES AND SHRUBS.

LEGEND

- DITCH FLOW
- FOOTINGS

RED DENOTES CRITICAL CONTROL POINT

SRU — SPILL RESPONSE UNIT



SCALE 1" = 40'-0" 0 10 20 40 60 FT

NO.	W.O.	COMPUTER REVISION ONLY

OFFICIAL USE ONLY

Drawn BE BOSCO

Chkd E. STRATTON

ENVIRONMENT

BPA PP&A

Last Revised:

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

UNDERWOOD SUBSTATION VEGETATION MANAGEMENT SITE PLAN

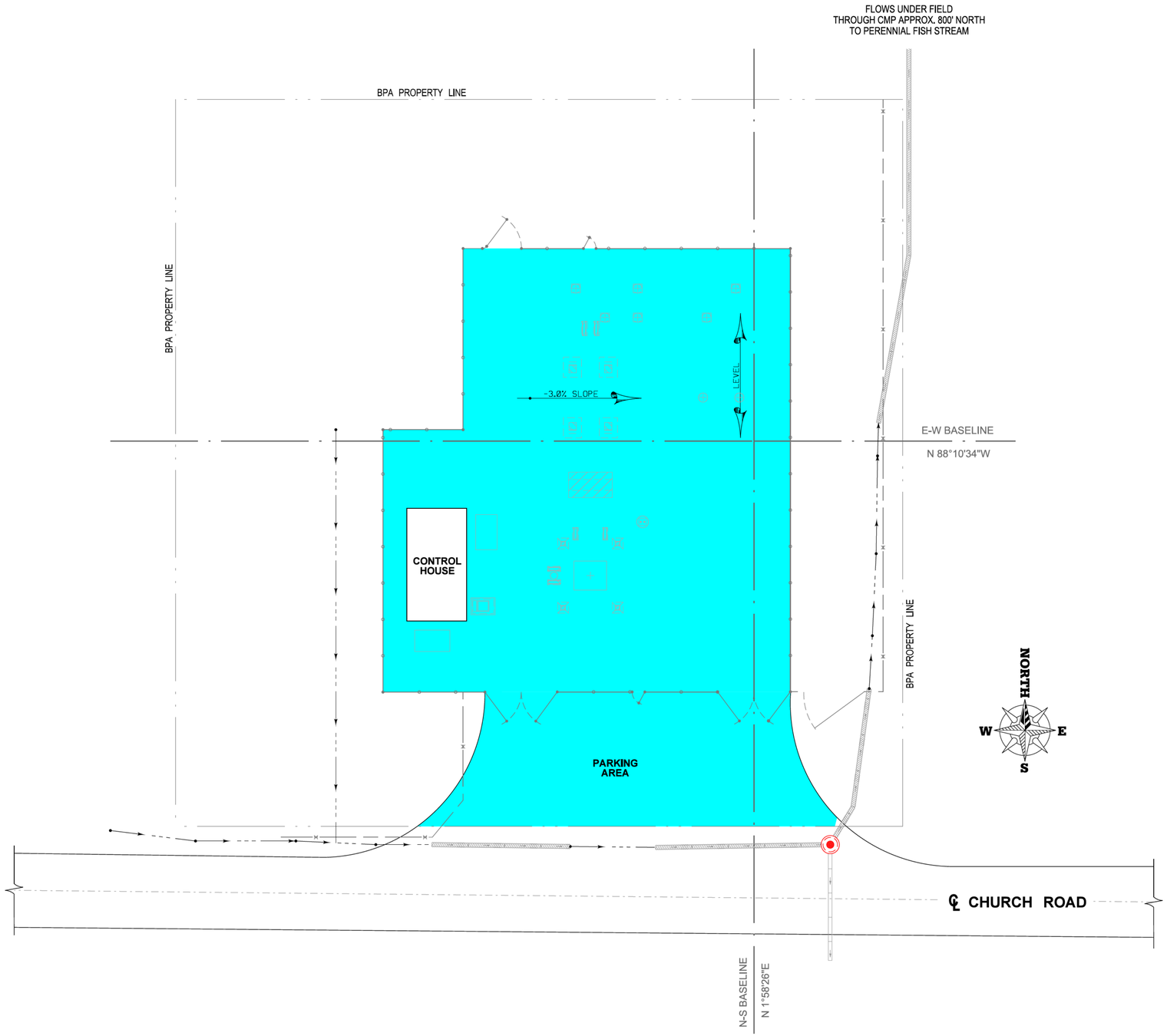
DIST ROSS REGION OLYMPIA

SERIAL	SOURCE	SIZE	SHEET	REVISION
UNDD31	KEP	A1	1 OF 1	Ø

TRIM LINE

••DATE••

TRIM LINE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.3 ACRES (APPROXIMATE)

SITE SPECIFIC MITIGATION MEASURES

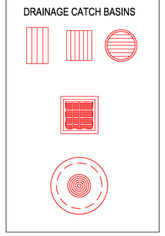
A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN **RED** ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

DRAINAGE CATCH BASINS



SCALE 1/16" = 1'
0 16 32 48 FT

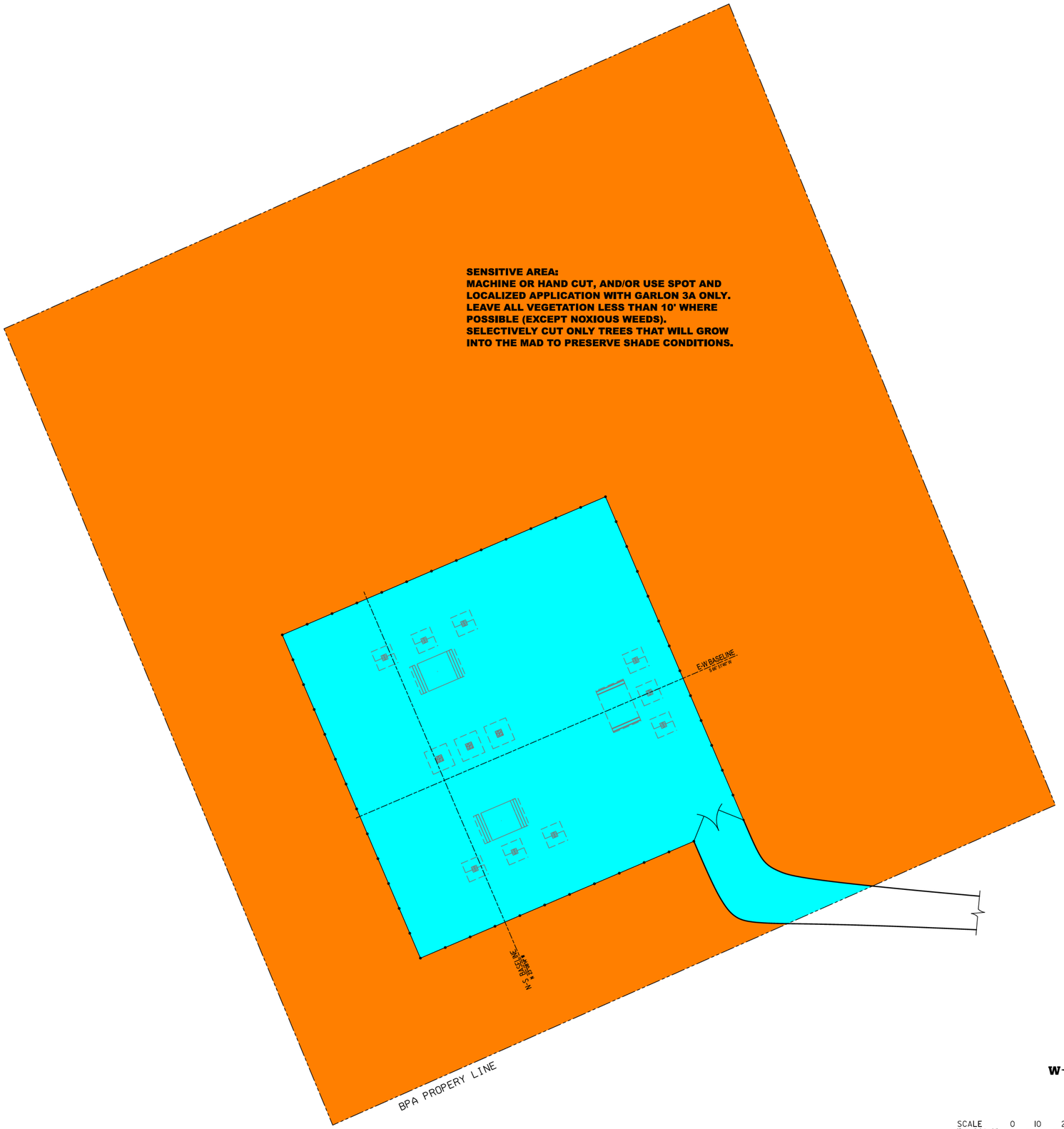
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

WARREN SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_LONGVIEW Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SERIAL	SHEET
3/1/2024	SEP	BPA A1	WARN_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.4 ACRES

SENSITIVE AREAS

SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.

SITE SPECIFIC MITIGATION MEASURES

C. SURFACE WATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A SURFACE WATER ADVISORY ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

E. AQUATIC SPECIES PROTECTION

DO NOT APPLY ANY CHEMICAL THAT IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

NORTH

W E

S

SCALE 1" = 20'-0"

0 10 20 40 60 FT

NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	EP		COMPUTER REVISION ONLY	DAS	11/16/2022	OWJ

ENVIRONMENTAL
POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION

DRAWN BY: D. SAMSON

REVISED BY: O. JAHN

APPROVED BY: O. JAHN 11/16/2022

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

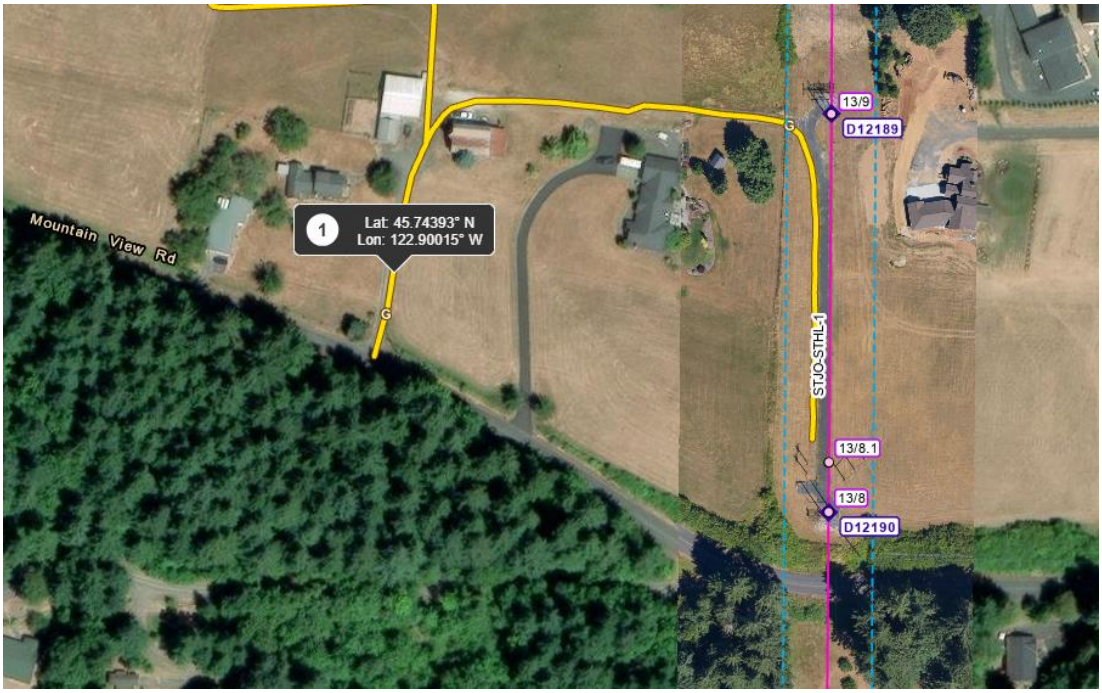
WOODLAND SWITCHING STATION VEGETATION MANAGEMENT SITE PLAN

District_LONGVIEW Region_SOUTH

SOURCE	SIZE	SERIAL	SHEET	REVISION
SEP	BPA A1	WDLD_VEG	1 OF 1	0

LONGVIEW SWITCH PLATFORMS

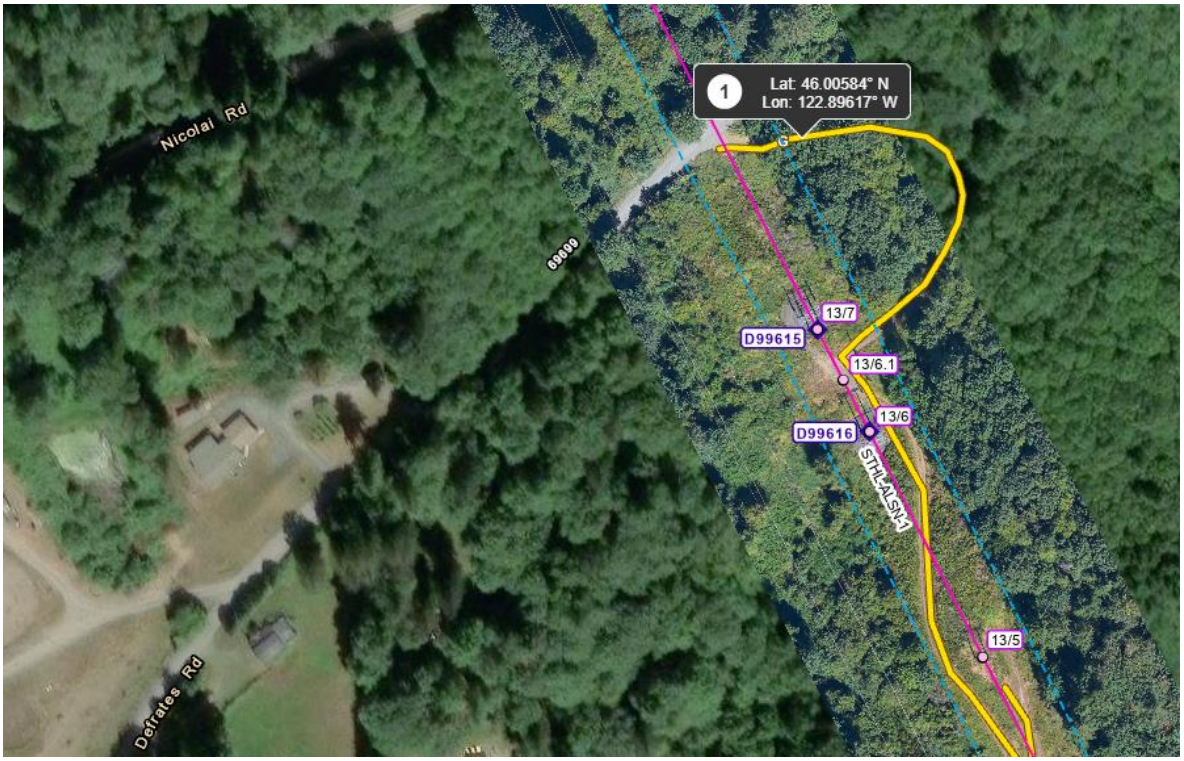
Dutch Canyon Tap-B-1074 & B-1075



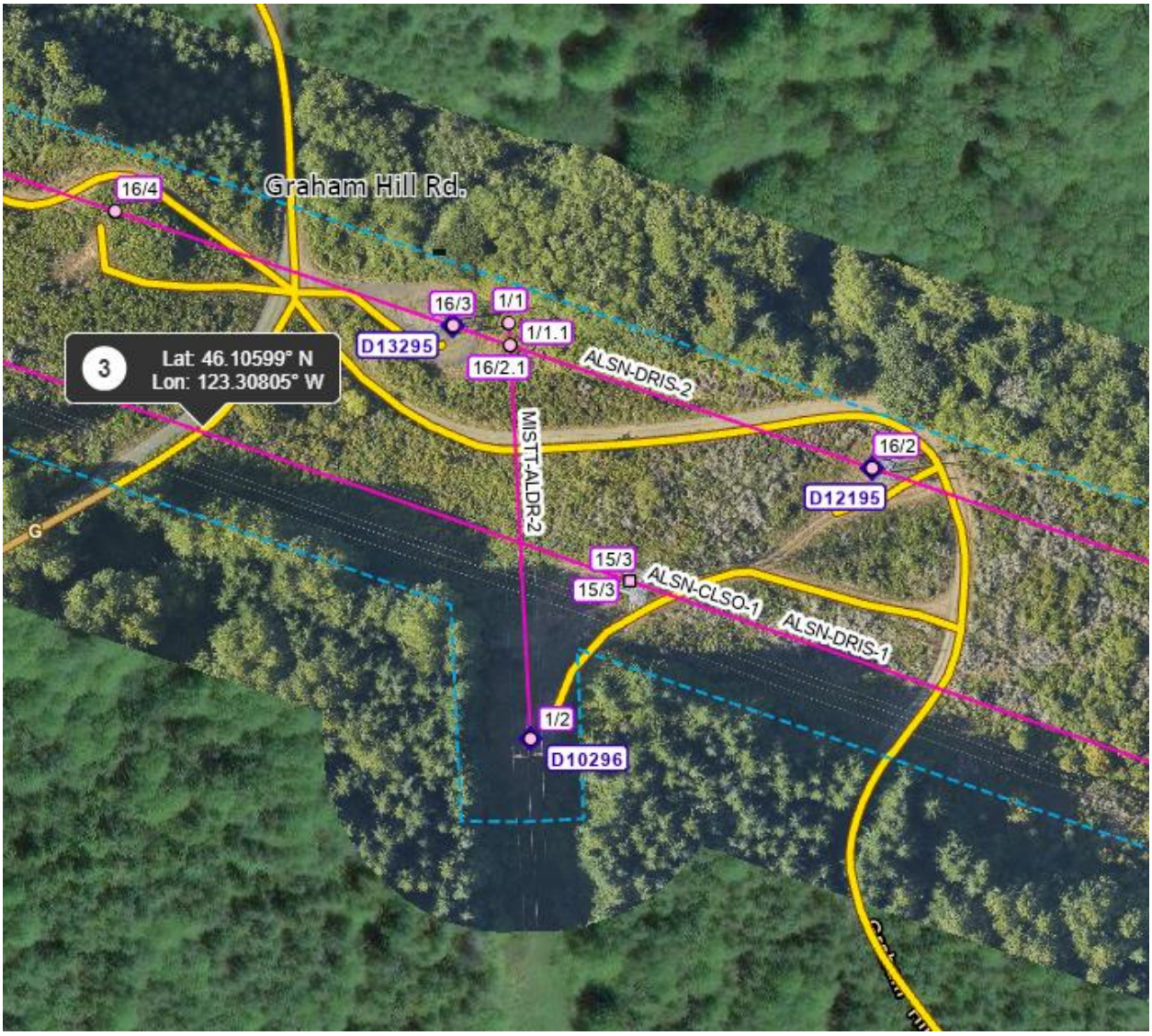
Baker's Corner Tap-B-1941,B-1942, & B-1943



Goble Tap-B-1273 & B-1274



Mist Tap-B-473, B-475, & B-477



Wahkiakum Tap-B-658



Hagen Tap-B-1246 & B-1247



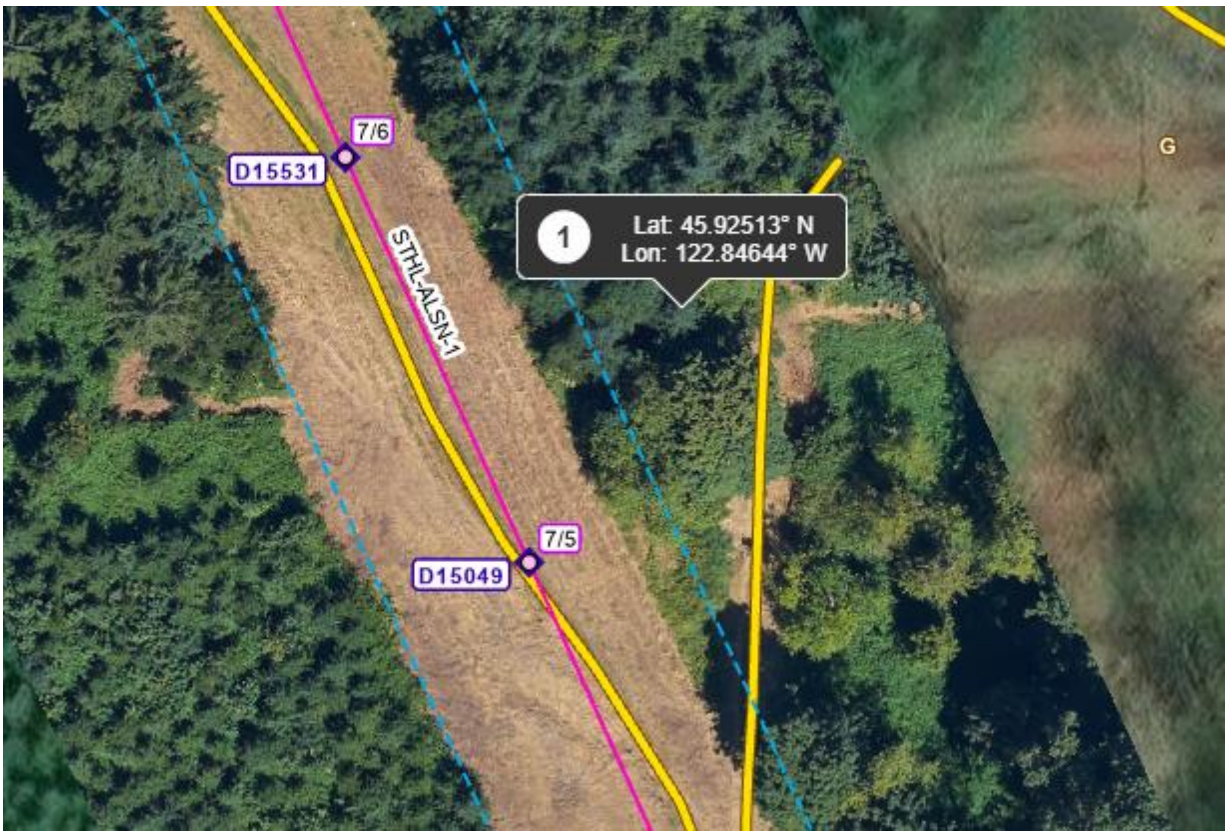
Fairgrounds Tap-B-1818 & B-1819



Donald Nye Tap-B-1903 & B-1904



Deer Island Tap-B-2174 & B-2175



LONGVIEW MICROWAVE SITES

Rainer



Megler


1
Lat: 46.26635° N
Lon: 123.87725° W
State Route 401
Lewis and Clark Trail Hwy

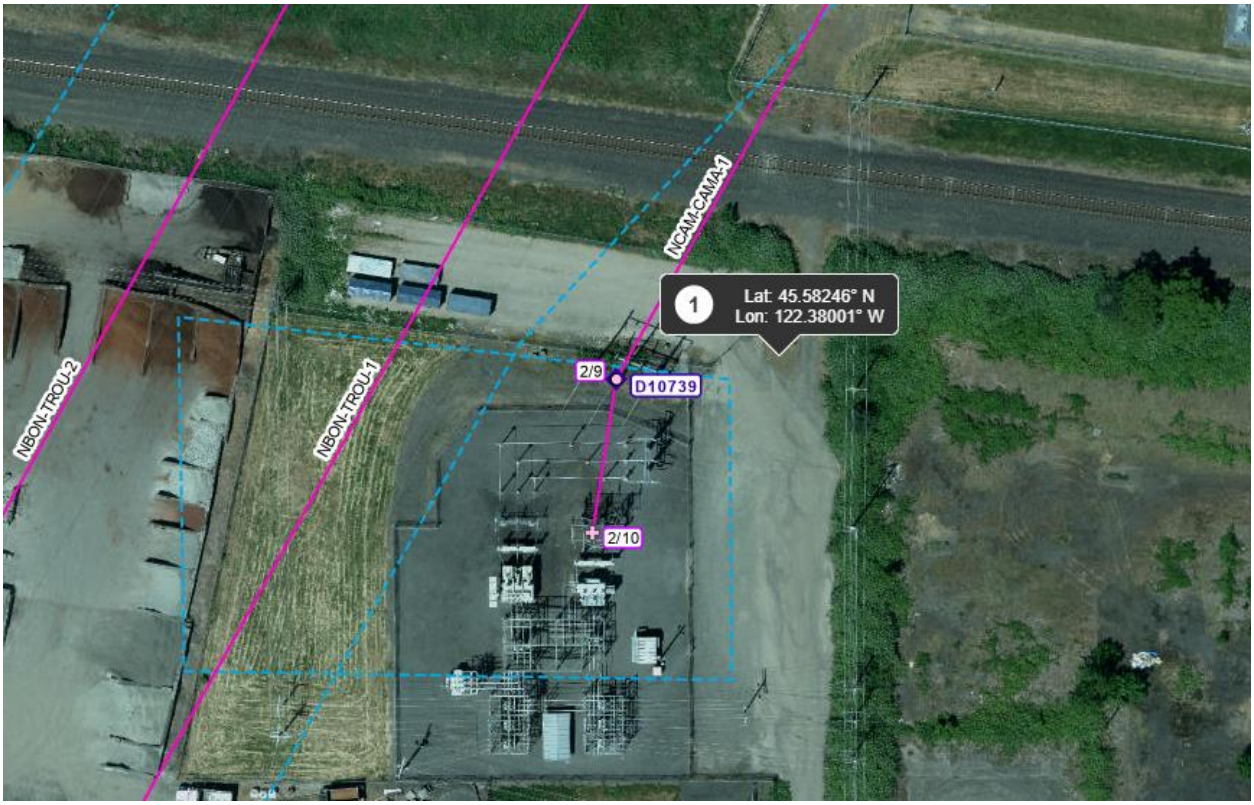

3
Lat: 46.26621° N
Lon: 123.87736° W
Megler Radio Station

Naselle Ridge



ROSS SWITCH PLATFORMS

Oak Park-B-667



Evans Tap-B-699 and B-691



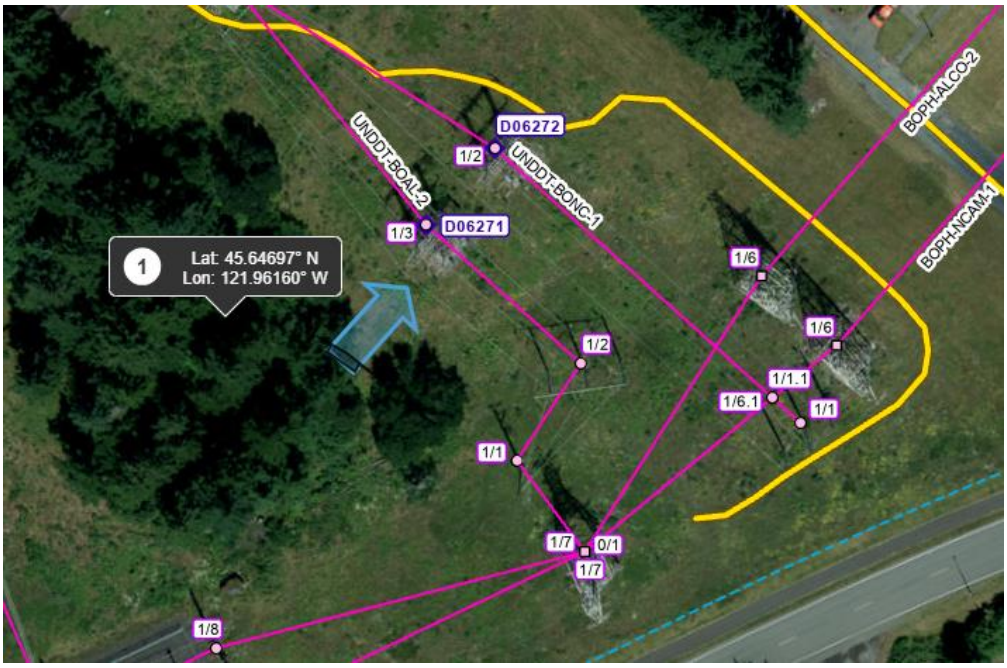
Carson Tap-B-1905



Underwood Tap @ NB-B-821



Underwood Tap-B-822



Underwood Tap-B-1906



Cascade Locks Tap-B-1240 & B-1436



ROSS MICROWAVE SITES

West Portland



Biddle Butte



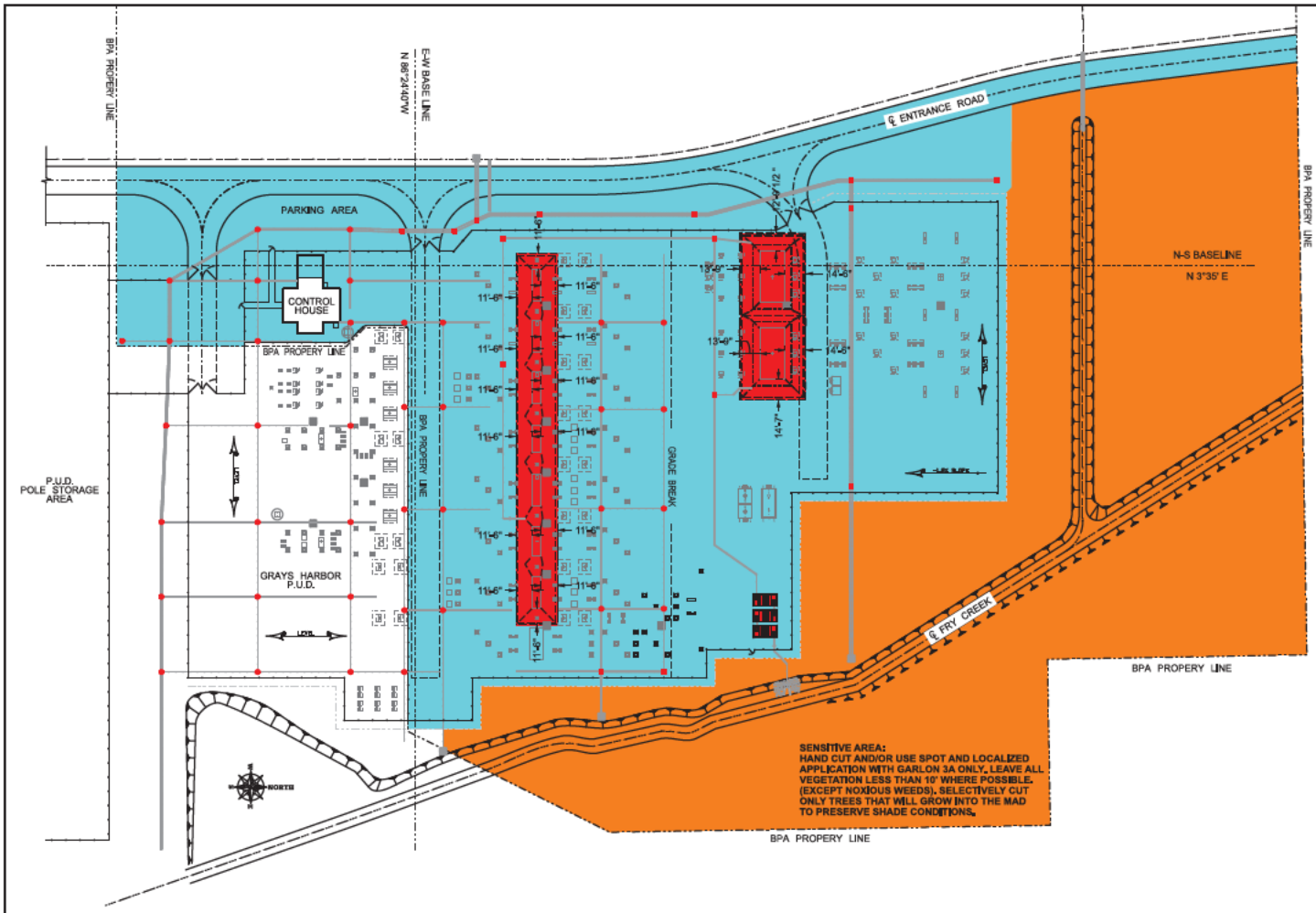
Ross


ROSS-VSHP-1
1/5
Ross Radio Station
ROSS-CARB-1
ROSS-ALCO-2
3
Lat: 45.66256° N
Lon: 122.65980° W

ROSS COMPLEX

Carey Lab/Cap Test (Medium Power Lab)





VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

3.6 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SENSITIVE AREAS

SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

C. SURFACE WATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A SURFACE WATER ADVISORY ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

E. AQUATIC SPECIES PROTECTION

DO NOT APPLY ANY CHEMICAL THAT IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

SCALE 1" = 40'-0" 0 20 40 80 120 FT

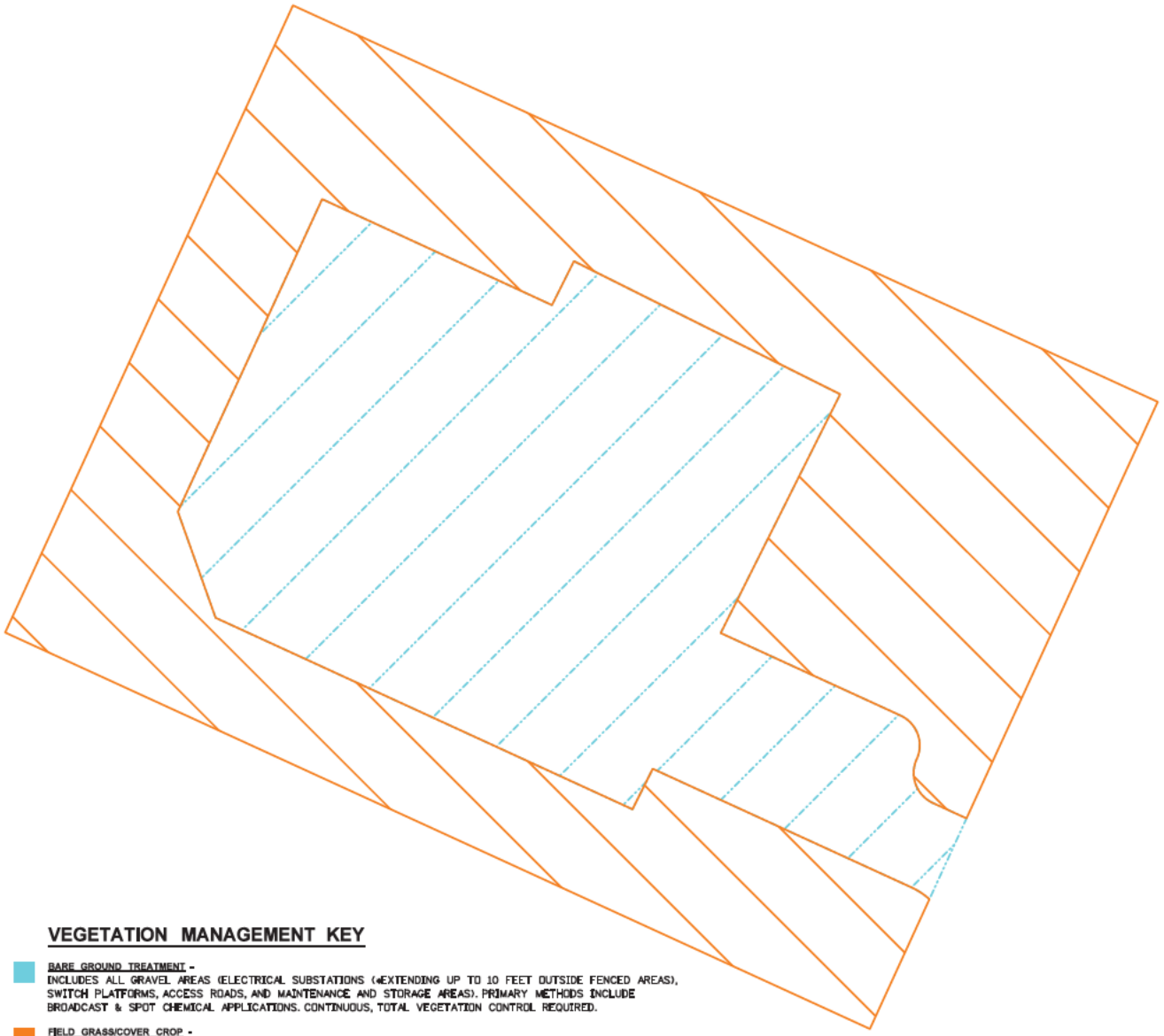
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

ABERDEEN SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SIZE	SUBSET	SHEET
3/14/2023	SEP	BPA A1	ABER_VEG	1 OF 1



SITE SPECIFIC MITIGATION MEASURES

G. AGRICULTURAL LEASE/LAND MANAGEMENT

I. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (+EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP -
INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (+TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRICAL FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

0.2175 ACRES

SCALE 1" = 10'-0" 0 5 10 20 30 FT

NORTH W E S

NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	C		COMPUTER REVISION ONLY	DAS	4/15/2019	SGH BT

DESIGNED BY: B. TILLEY
DRAWN BY: D. SAMSON
CHECKED BY: S. HUDILL
FINAL REVIEW BY: B. TILLEY 4/15/2019

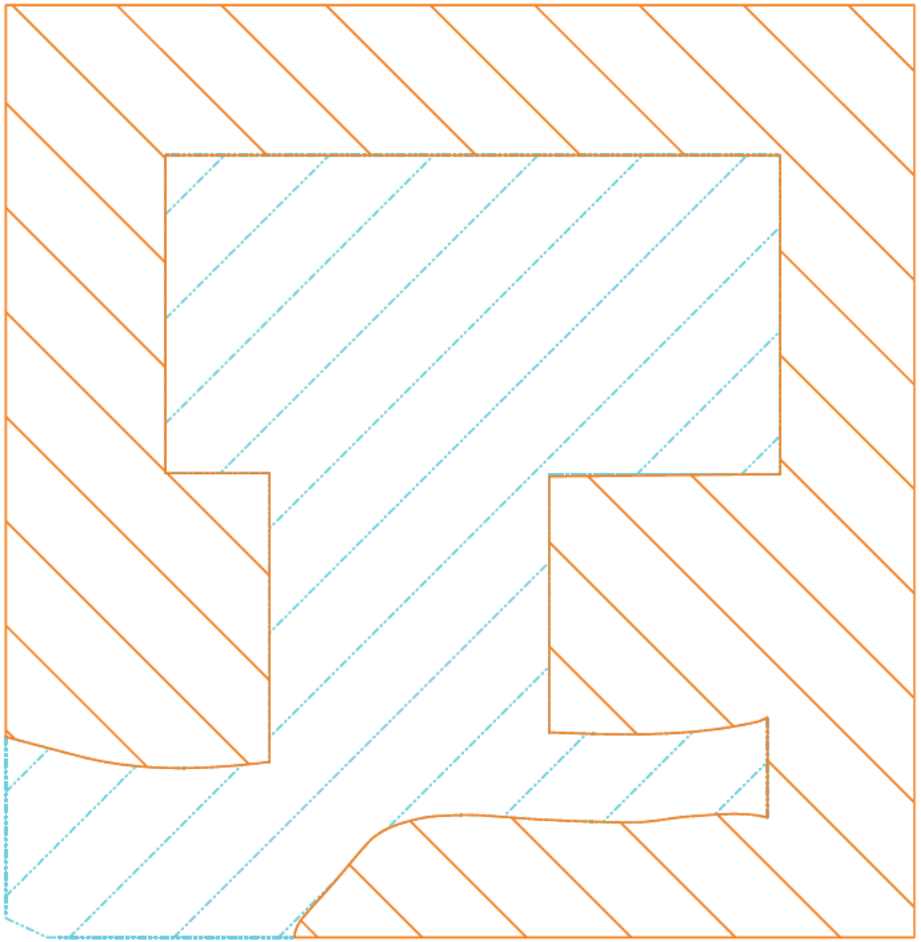
BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

BLYN RADIO STATION

VEGETATION MANAGEMENT SITE PLAN

DISTRICT OLYMPIA - REGION NORTH

SOURCE	DOC	SERIAL	SHEET	REVISION
SEP	BPA A1	BLYN	1 OF 1	1



SITE SPECIFIC MITIGATION MEASURES

G. AGRICULTURAL LEASE/LAND MANAGEMENT

1. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

0.2217 ACRES

SCALE 1" = 10'-0" 0 5 10 20 30 FT

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS ⊕EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP -
INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (⊕TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRICAL FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

W NORTH S E

NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	C		COMPUTER REVISION ONLY	DAS	4/15/2019	SGH BT

DESIGNED BY: B. TILLEY
DRAWN BY: D. SAMSON
CHECKED BY: S. HUGILL
FINAL REVIEW BY: B. TILLEY 4/15/2019

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

BOISTFORT PEAK RADIO STATION

VEGETATION MANAGEMENT SITE PLAN

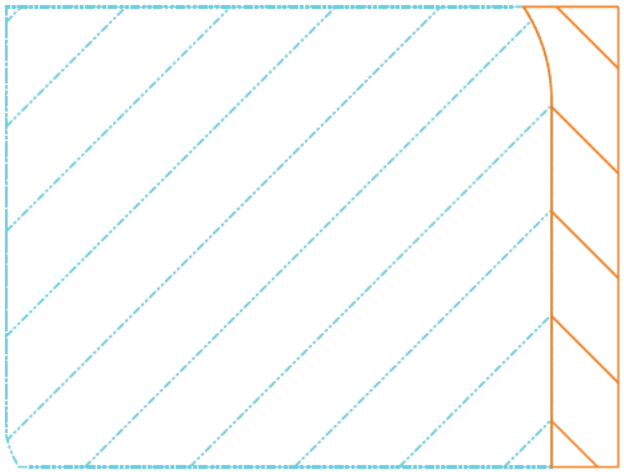
DISTRICT OLYMPIA - REGION NORTH

SOURCE	SEC	SERIAL	SHEET	REVISION
SEP	BPA A1	BOFT	1 OF 1	1

SITE SPECIFIC MITIGATION MEASURES

G. AGRICULTURAL LEASE/LAND MANAGEMENT

1. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.



VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (+EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP -
INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (+TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRICAL FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

0.1505 ACRES

SCALE 1" = 10'-0" 0 5 10 20 30 FT



0	C	COMPUTER REVISION ONLY		DAS	4/15/2019		SGH BT
NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE		REVIEWED

DESIGNED BY: B. TILLEY
DRAWN BY: D. DAWSON
CHECKED BY: S. HUGILL
FINAL REVIEW BY: B. TILLEY 4/15/2019

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

CAPITOL PEAK RADIO STATION

VEGETATION MANAGEMENT SITE PLAN

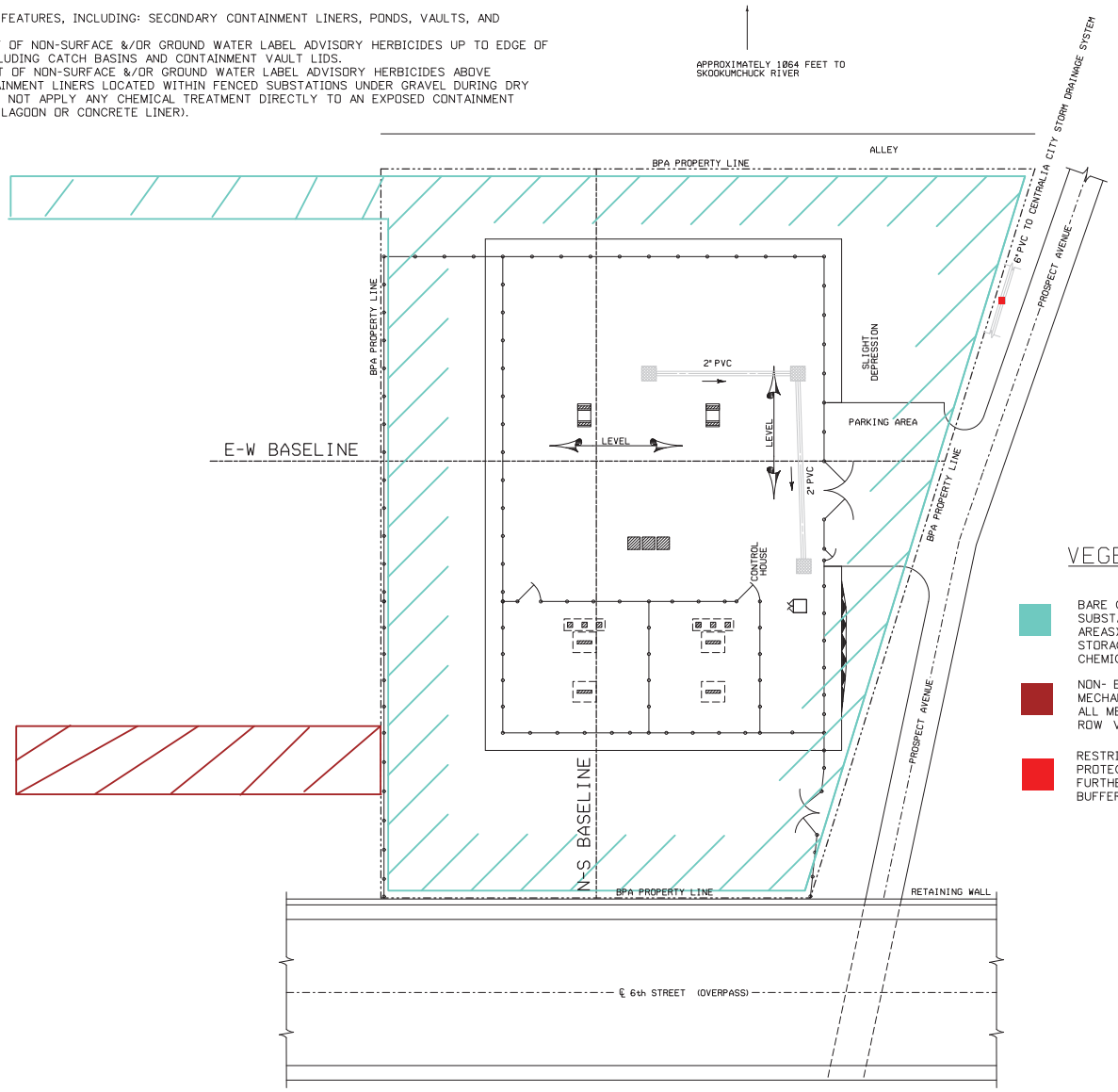
DISTRICT OLYMPIA - REGION NORTH

SOURCE	RBS	SERIAL	SHEET	REVISION
SEP	BPA A1	CAPP	1 OF 1	1

SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).



LEGEND

- CATCH BASIN FOR CITY OF CENTRALIA STORM SEWER
- ELECTRICAL MANHOLE OR HANDHOLE
- FOOTINGS
- SOLID PVC PLASTIC PIPE

ACRES 1.0556

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

SCALE 1" = 40'-0" 0 10 20 40 60 FT

NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

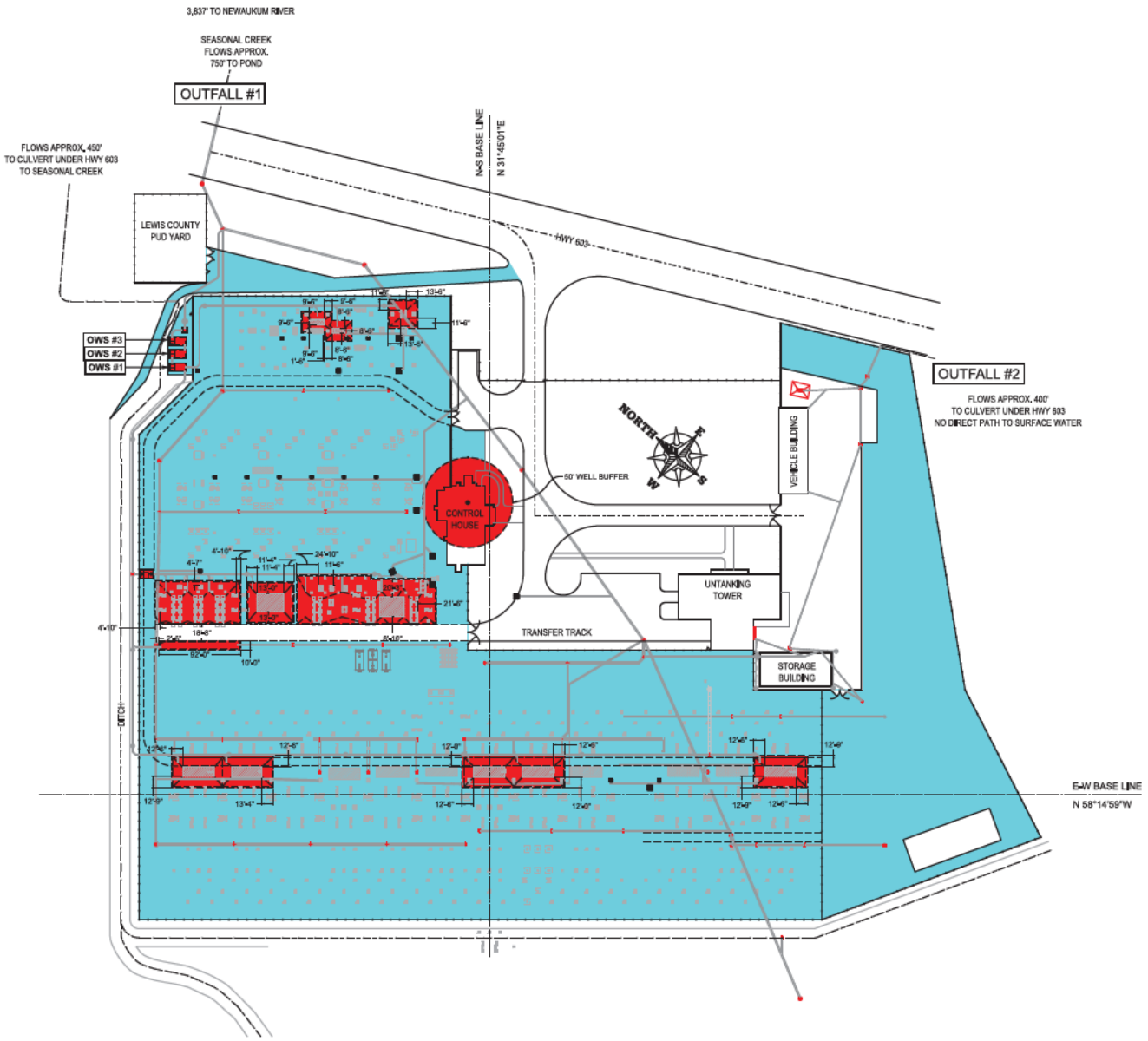
Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 12/23/16

CENTRALIA SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN

DIST OLYMPIA REGION NORTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
CENT	SEP	A1	1 OF 1	Ø

TRIM LINE
TRIM LINE
DATE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

9.1 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

B. DRINKING WATER/WELL SOURCE

NO CHEMICAL TREATMENT WITHIN A 50' RADIUS AROUND WELL/SOURCE.

D. GROUNDWATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A GROUND WATER ADVISORY ANYWHERE AT THIS SITE, UNLESS OTHERWISE INDICATED IN SITE SPECIFIC NOTES. (SEE APPROVED HERBICIDE LIST)

DO NOT APPLY CHEMICAL TREATMENT

WELL WITH 50' BUFFER

OIL WATER SEPARATOR
OWS/CPS

DRAINAGE CATCH BASINS

GROMEMBRANE LINER
OIL CONTAINMENT AREA

FOOTING

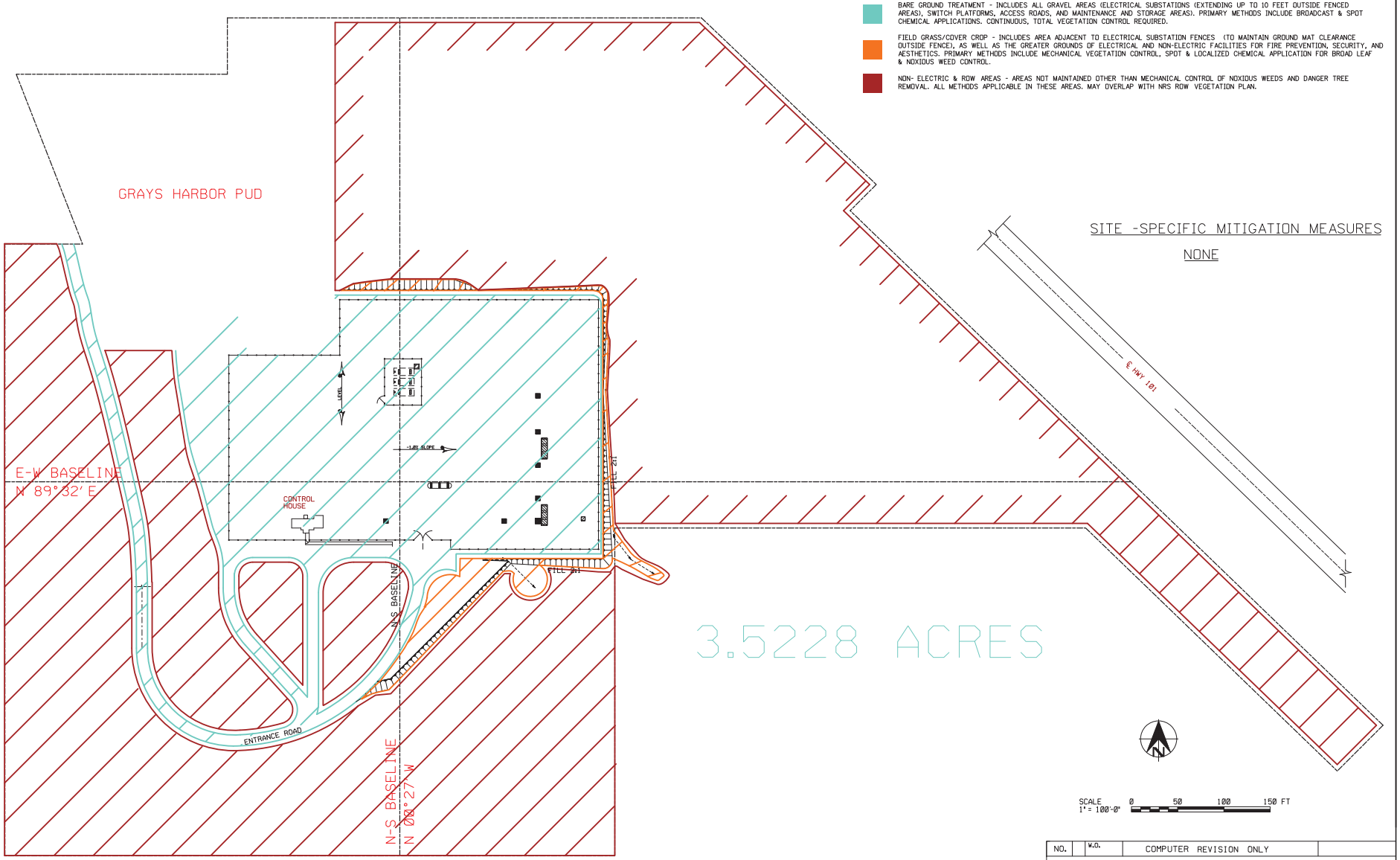
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

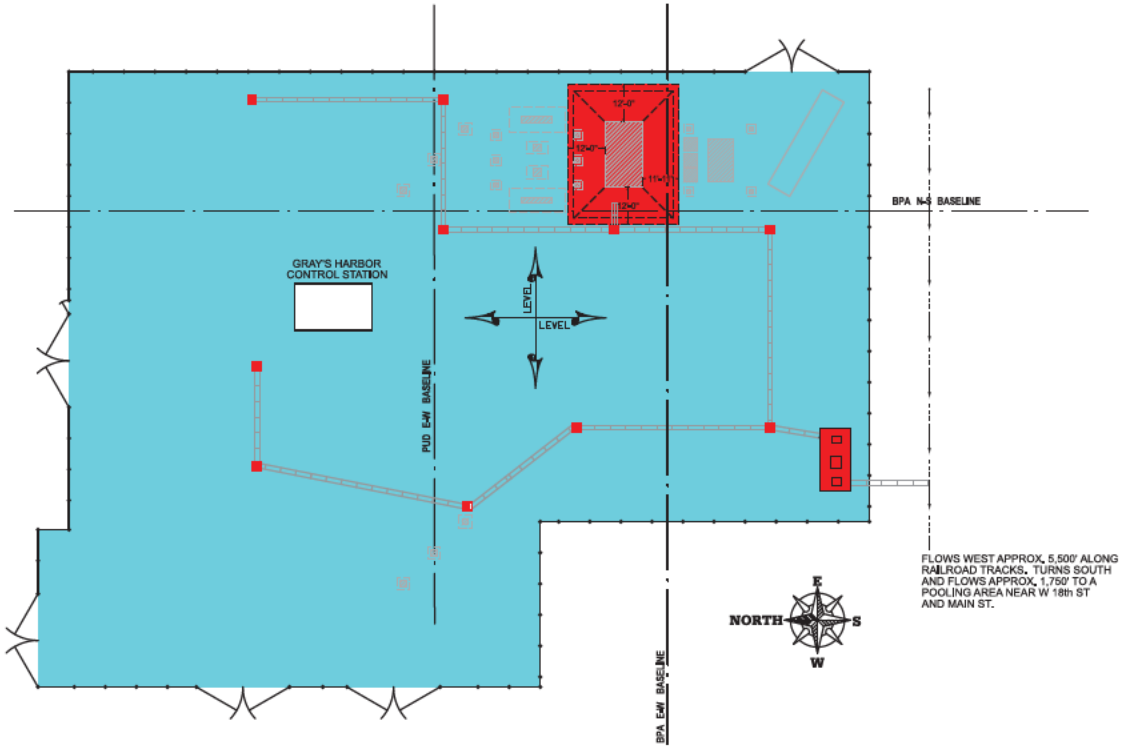
BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

CHEHALIS SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SITE	SUBNAL	SHEET
3/29/2023	SEP	BPA A1	CHEH_VEG	1 OF 1


VEGETATION MANAGEMENT KEY
BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.
FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.
NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.
SITE -SPECIFIC MITIGATION MEASURES
NONE
GRAYS HARBOR PUD
E-W BASELINE
N 89°32' E
CONTROL HOUSE
FILL 2:1
N-S BASELINE
ENTRANCE ROAD
N-S BASELINE
N 00°27' W
℄ HWY 101
3.5228 ACRES
SCALE 1" = 100'-0"
0 50 100 150 FT
NO. W.O. COMPUTER REVISION ONLY
UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON
Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 3/20/2017
COSMOPOLIS SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN
DIST OLYMPIA REGION NORTH
SERIAL COSM
SOURCE SEP
SIZE A1
SHEET 1 OF 1
REVISION Ø
••DATE••
TRIM LINE
TRIM LINE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

1 ACRE (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR
OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER
OIL CONTAINMENT AREA

FOOTING

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

ELMA SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SIZE	SUBSTA.	SHEET
3/14/2023	SEP	BPA A1	ELMA_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

5.2 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

C. SURFACE WATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A SURFACE WATER ADVISORY ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

E. AQUATIC SPECIES PROTECTION

DO NOT APPLY ANY CHEMICAL THAT IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

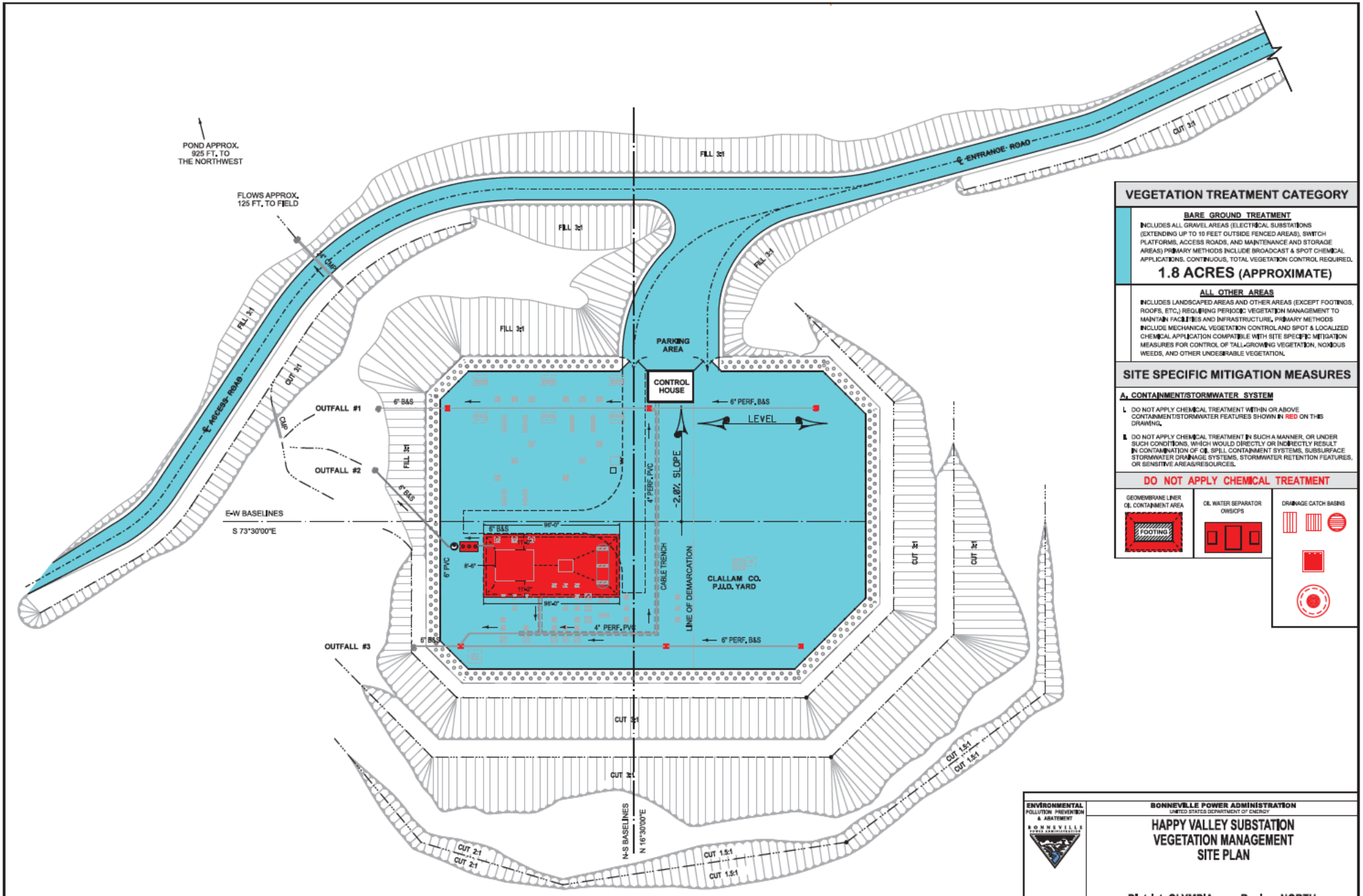
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

FAIRMOUNT SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SIZE	SUBSTA.	SHEET
4/4/2023	SEP	BPA A1	FAMT_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

1.8 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

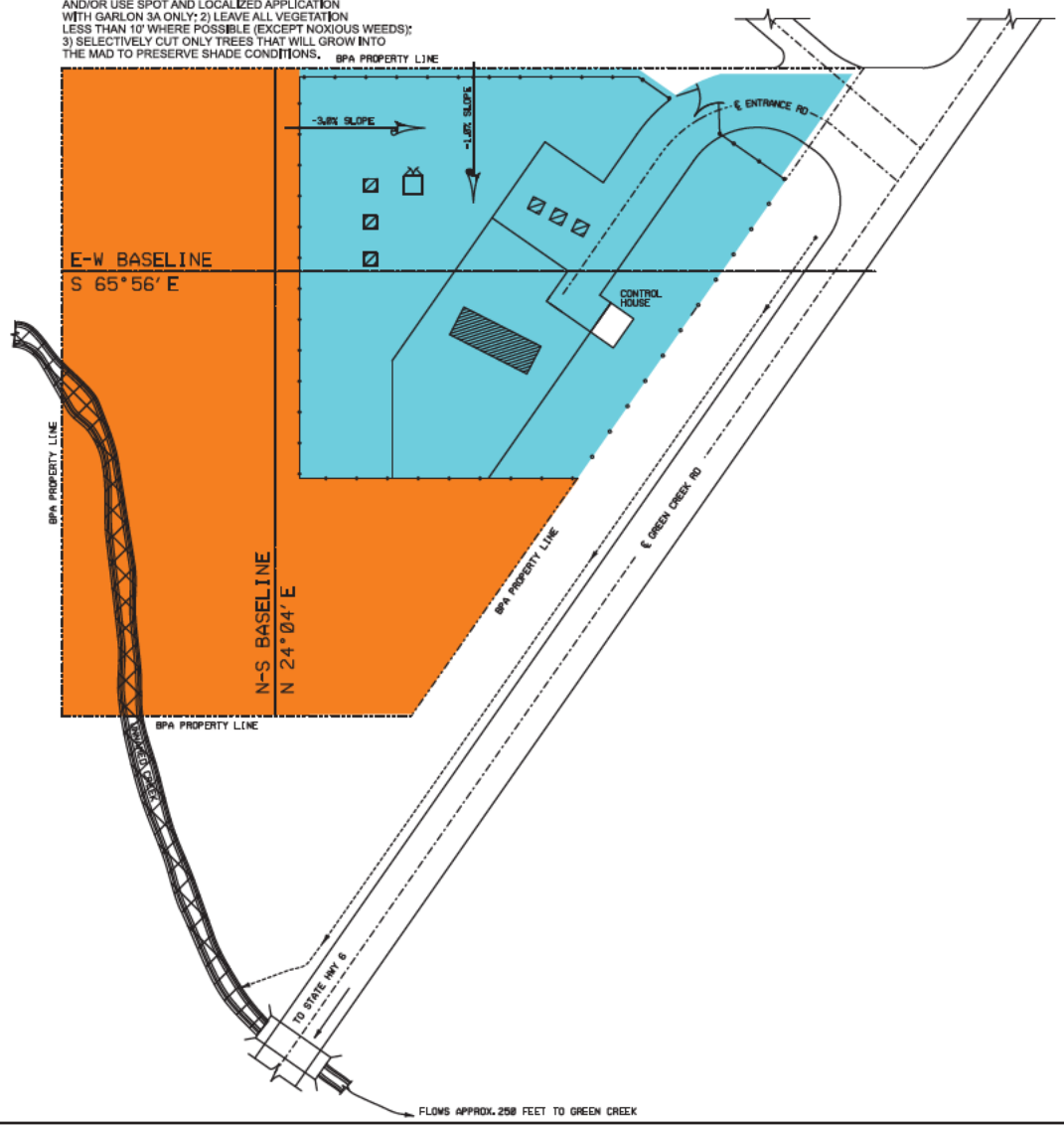
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

HAPPY VALLEY SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SITE	SIGNAL	SHEET
7/19/2023	SEP	BPA A1	HAPY_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.4 ACRES

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SENSITIVE AREAS

SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.

SITE SPECIFIC MITIGATION MEASURES

C. SURFACE WATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A SURFACE WATER ADVISORY ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

E. AQUATIC SPECIES PROTECTION

DO NOT APPLY ANY CHEMICAL THAT IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

SCALE 1" = 20'-0" 0 10 20 40 60 FT

NO.	W.O.	COMPUTER REVISION ONLY

Drawn D. SAMSON
Chkd. G. JAHN
ENVIRONMENTAL
BPA PP&A
Last Revised 11/16/2022

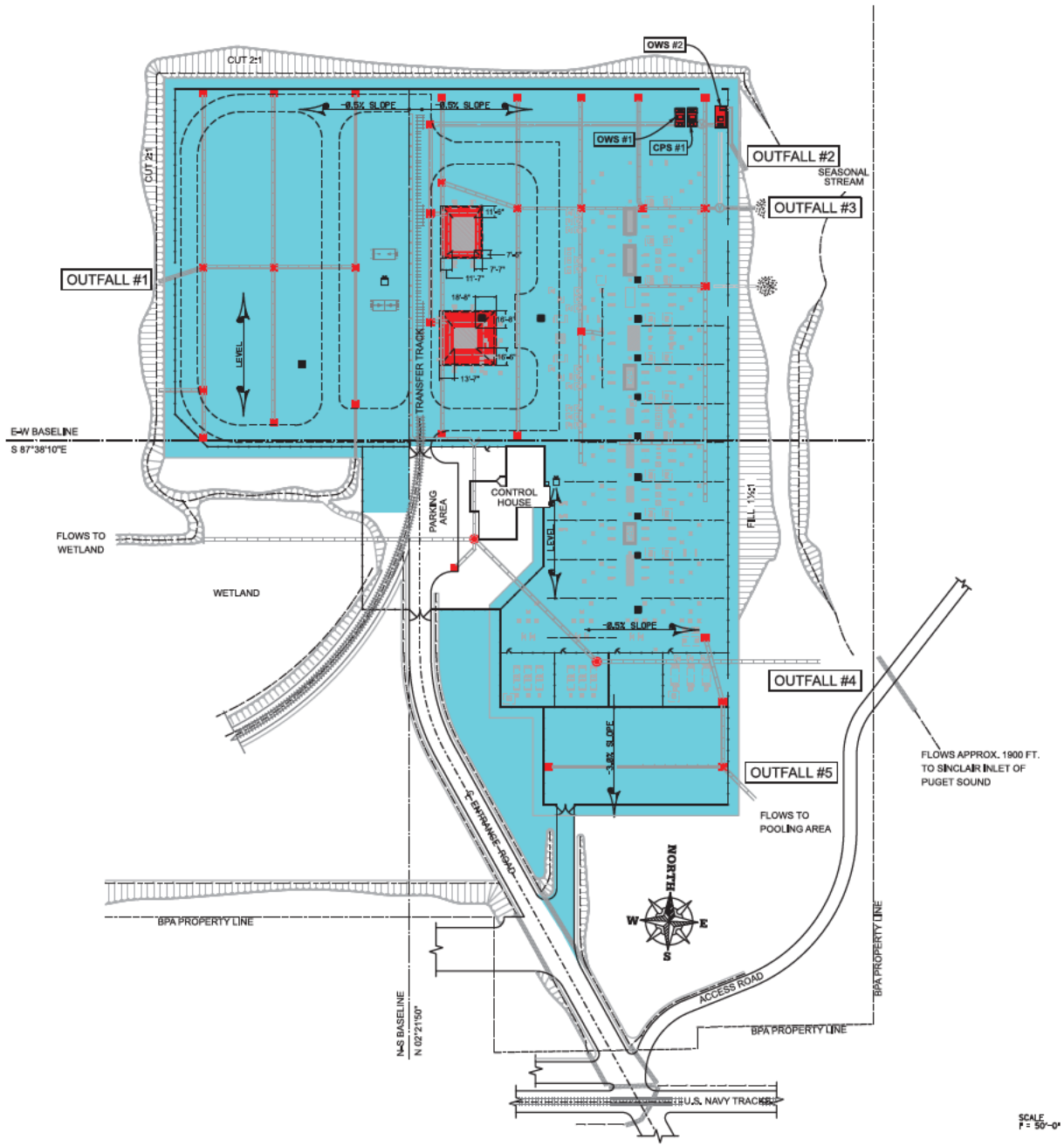
UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

HOLCOMB SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST OLYMPIA REGION NORTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
HOLC	SEP	A1	1 OF 1	0

TRIM LINE
TRIM LINE
4DATE4



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

6 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

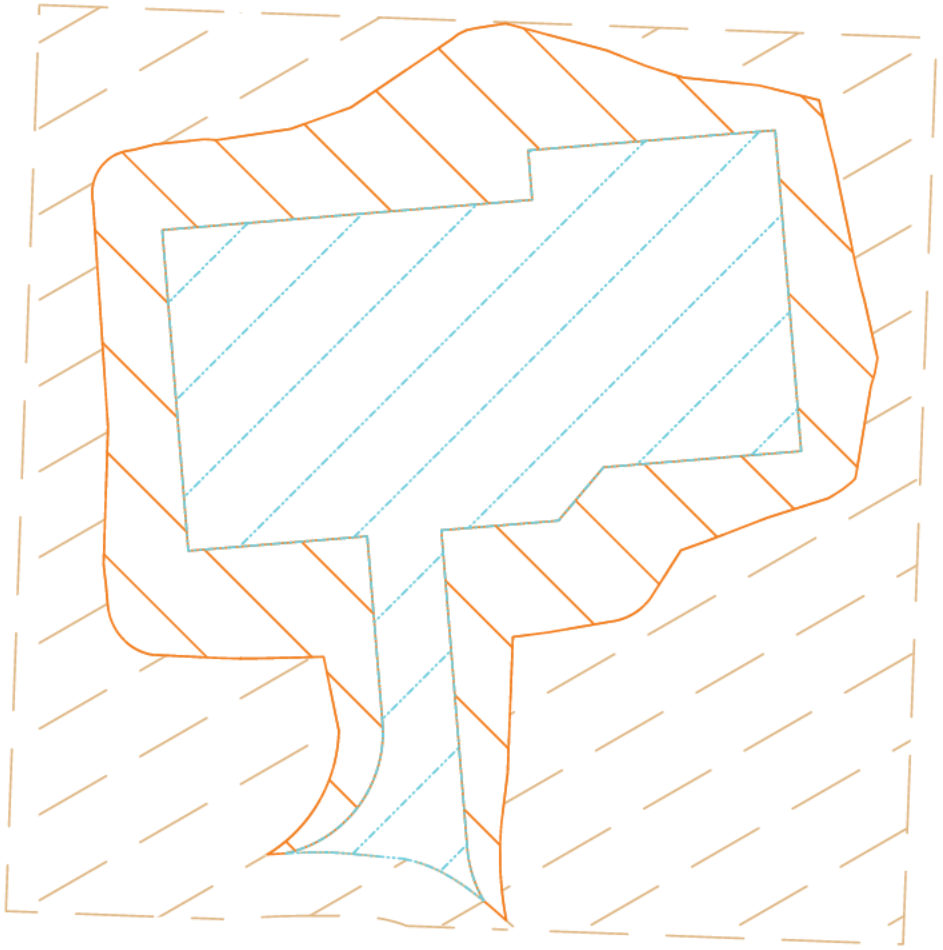
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

KITSAP SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SITE	SUBAL	SHEET
3/21/2023	SEP	BPA A1	KTSA_VEG	1 OF 1



SITE SPECIFIC MITIGATION MEASURES

C, SURFACE WATER PROTECTION

1. DO NOT APPLY ANY CHEMICAL HAVING A SURFACE WATER LABEL ADVISORY SUE TO POTENTIAL PRESENCE OF SURFACE WATER AT OR ADJACENT TO FACILITY.

G, AGRICULTURAL LEASE/LAND MANAGEMENT

1. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTIONS) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (+EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP -
INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (+TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRICAL FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

NON-ELECTRIC & ROW AREAS -
INCLUDES AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

NORTH
W E
S

0.1374 ACRES

SCALE 1" = 10'-0" 0 5 10 20 30 FT

NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	C		COMPUTER REVISION ONLY	DAS	4/16/2019	SGH BT

DESIGNED BY: S.TILLEY
DRAWN BY: D. SAMSON
CHECKED BY: S.HUGILL
FINAL REVIEW BY: S.TILLEY 4/16/2019

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

MINOT PEAK RADIO STATION

VEGETATION MANAGEMENT SITE PLAN

DISTRICT OLYMPIA - REGION NORTH

SOURCE	SIZE	REMAL	SHEET	REVISION
SEP	BPA A1	MINO	1 OF 1	1

DO NOT APPLY CHEMICAL TREATMENT

UNLINED CONTAINMENT POND

POND

DRAINAGE CATCH BASINS

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. WITHIN 6 FEET OF CONTAINMENT/STORMWATER FEATURE, DO NOT APPLY ANY HERBICIDE HAVING A GROUND/SURFACE WATER ADVISORY, OR IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS. (SEE APPROVED HERBICIDE LIST)

C. SURFACE WATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A SURFACE WATER ADVISORY ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

E. AQUATIC SPECIES PROTECTION

DO NOT APPLY ANY CHEMICAL THAT IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

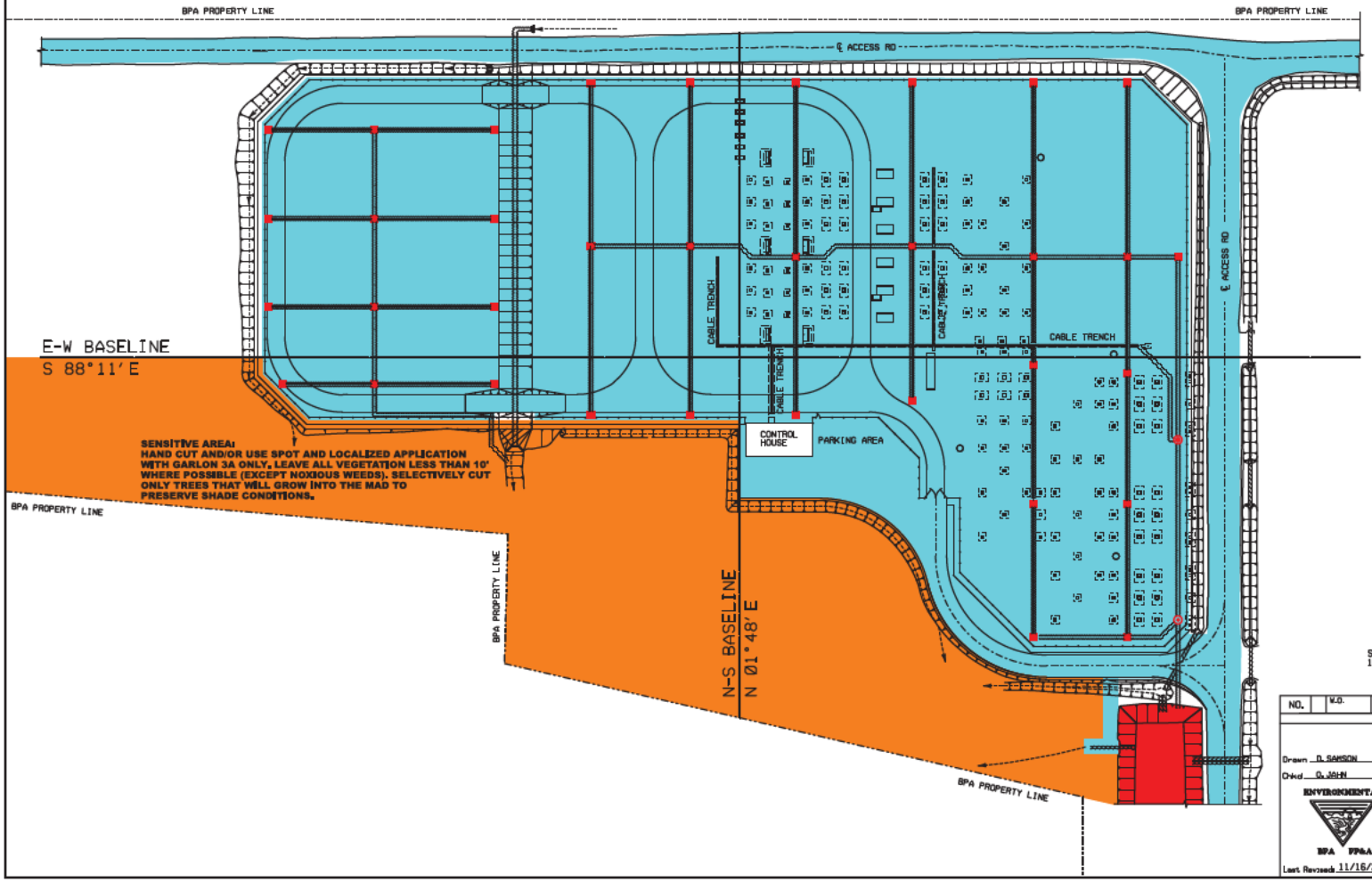
8.5 ACRES

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SENSITIVE AREAS

SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES, MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.



N

SCALE 1" = 50'-0" 0 50 100 150 FT

NO.	W.O.	COMPUTER REVISION ONLY

Drawn D. SAMSON

Chkd C. JOHN

ENVIRONMENTAL

BPA PPM&A

Last Revised 11/16/2022

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

NAPAVINE SUBSTATION VEGETATION MANAGEMENT SITE PLAN

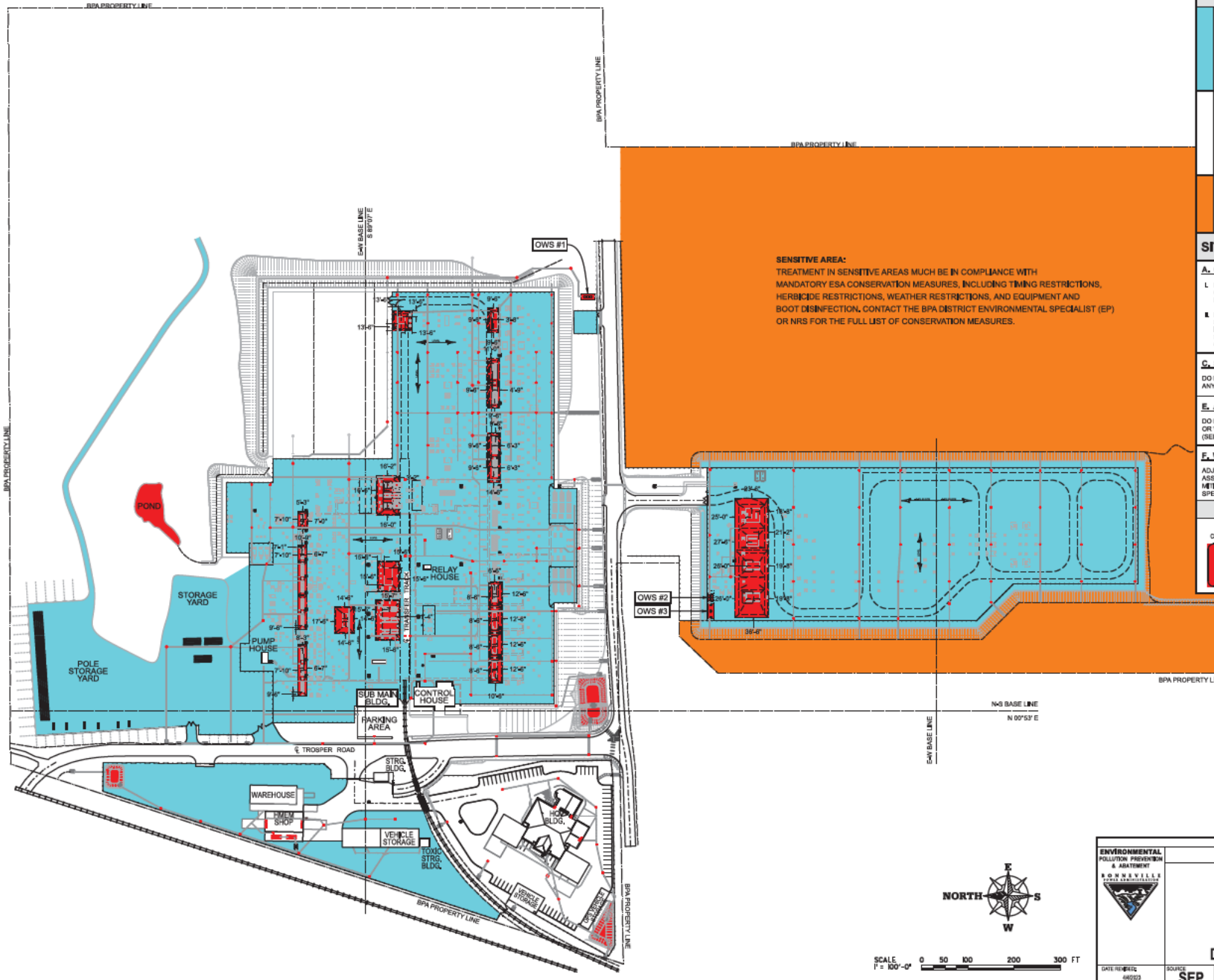
DIST OLYMPIA REGION NORTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
NAPV	SEP	A1	1 OF 1	Ø

TRIM LINE

TRIM LINE

DATE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

22.5 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SENSITIVE AREAS

SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

C. SURFACE WATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A SURFACE WATER ADVISORY ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

E. AQUATIC SPECIES PROTECTION

DO NOT APPLY ANY CHEMICAL THAT IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

F. WILDLIFE & HABITAT PROTECTION

ADJACENT OR ON-SITE PRESENCE OF PLANT/ANIMAL SPECIES OR ASSOCIATED HABITATS REQUIRING MITIGATION. SEE SITE SPECIFIC MITIGATION MEASURES. CONTACT BPA DISTRICT ENVIRONMENTAL SPECIALIST (EP) OR COR PRIOR TO ENTRY.

DO NOT APPLY CHEMICAL TREATMENT

UNLINED CONTAINMENT POND — POND

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

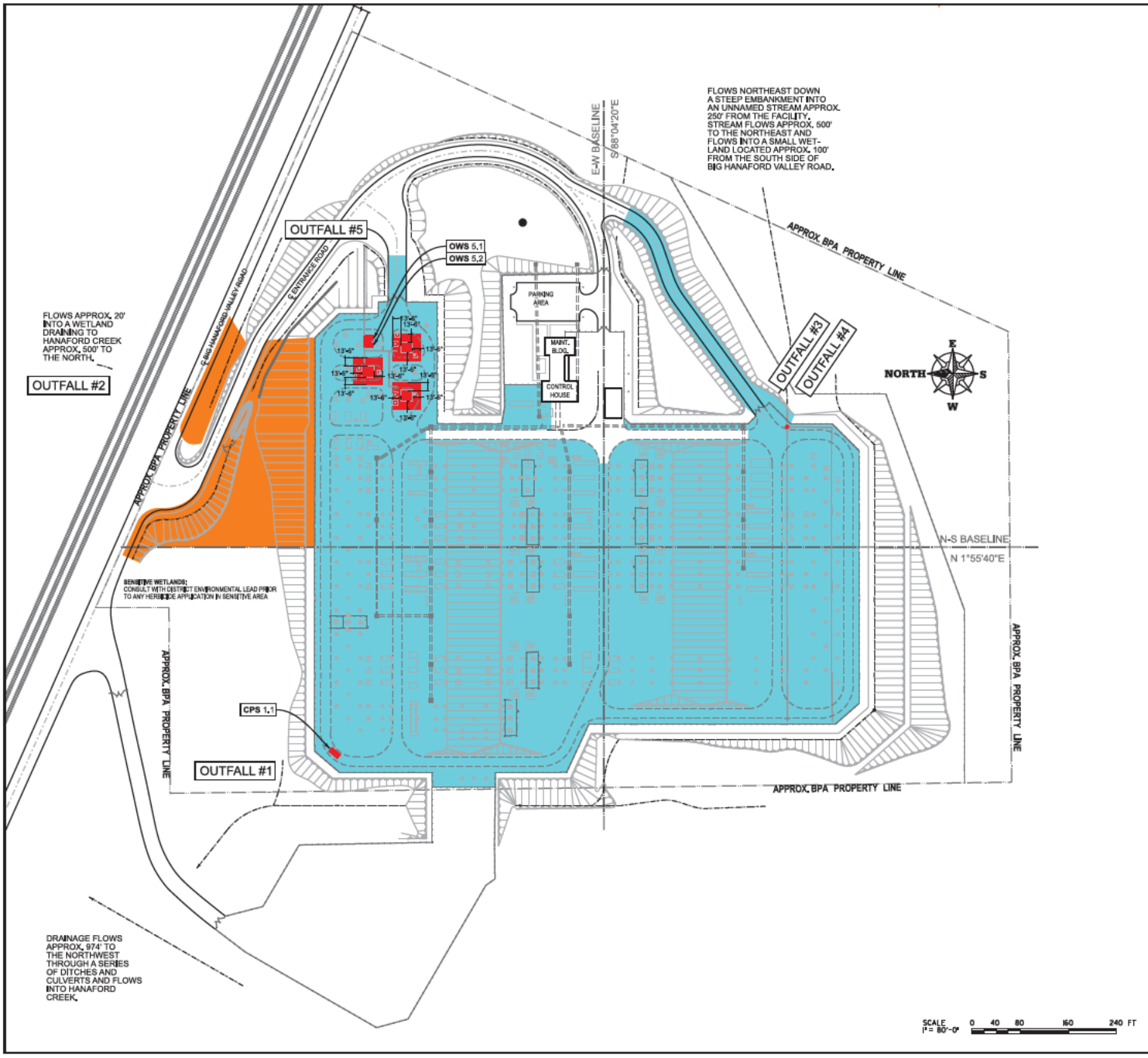
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

OLYMPIA SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SITE	SHEET	SHEET
4/4/2023	SEP	BPA A1	OLYM_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

12.2 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SENSITIVE AREAS

SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

C. SURFACE WATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A SURFACE WATER ADVISORY ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

E. AQUATIC SPECIES PROTECTION

DO NOT APPLY ANY CHEMICAL THAT IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

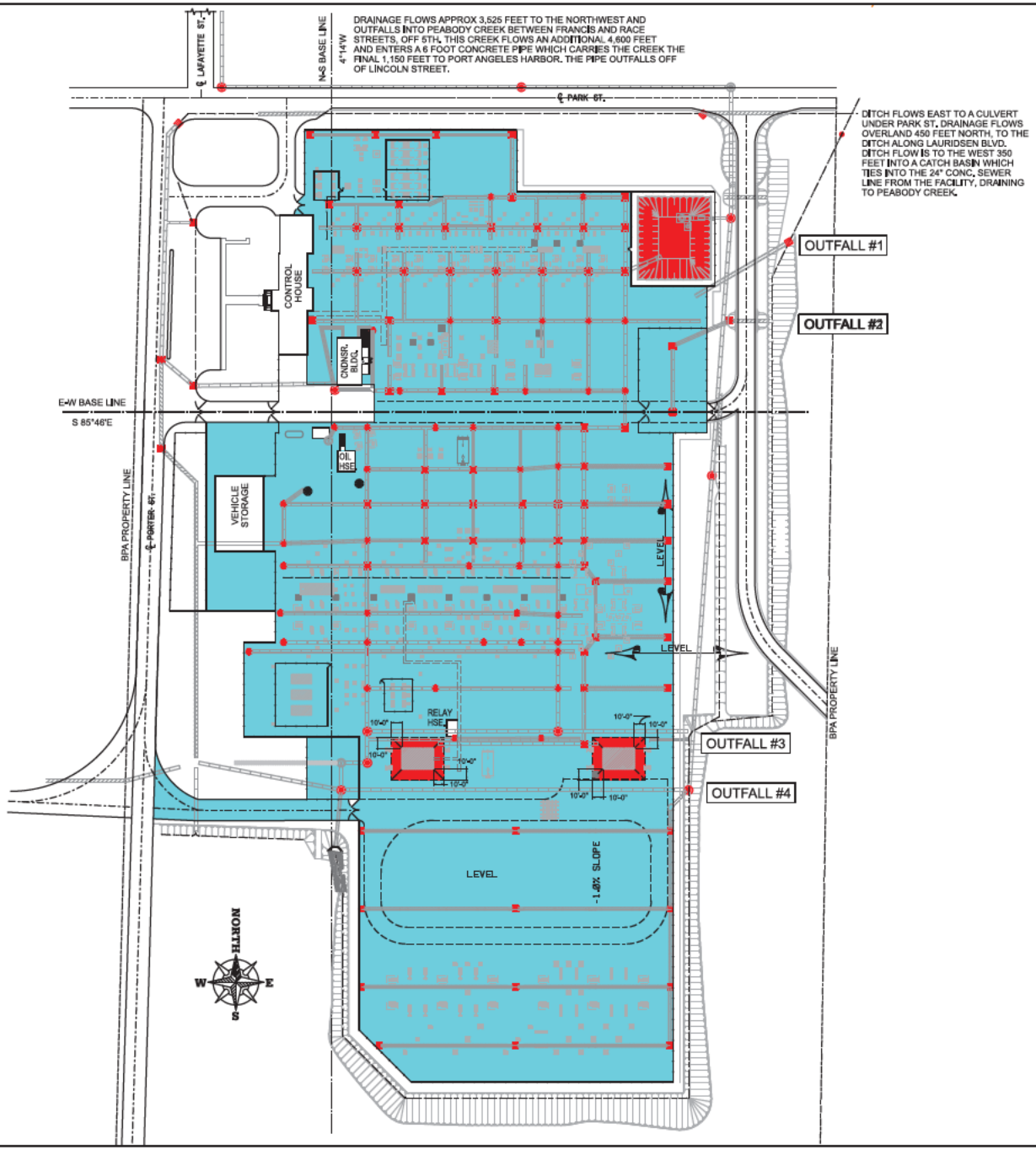
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

PAUL SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SITE	SIGNAL	SHEET
3/26/2024	SEP	BPA A1	PAUL_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

7.0 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

G. AGRICULTURAL LEASE/LAND MANAGEMENT

POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES, CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

UNLINED CONTAINMENT POND

POND

DRAINAGE CATCH BASINS

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

PORT ANGELES SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SITE	SUBSTA.	SHEET
3/29/2023	SEP	BPA A1	POAN_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

SITE -SPECIFIC MITIGATION MEASURES

C. SURFACE WATER PROTECTION

1. DO NOT APPLY ANY CHEMICAL HAVING A SURFACE WATER LABEL ADVISORY DUE TO POTENTIAL PRESENCE OF SURFACE WATER AT OR ADJACENT TO FACILITY.

BPA PROPERTY LINE
CONTROL HOUSE
PARKING AREA
℄ CUSHMEN - POTLATCH RD.
℄ ENTRANCE RD.
DRAINS TO SLOPE
FILL 2:1
CUT 2:1
-0.5% SLOPE
LEVEL
E-W BASELINE
N 89°34' E
N-S BASELINE
N 00°26' W
14/3
14/2
1.088 ACRES
N
SCALE 1" = 40'-0" 0 10 20 40 60 FT

NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 1/23/2017

POTLATCH SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN

DIST OLYMPIA REGION NORTH

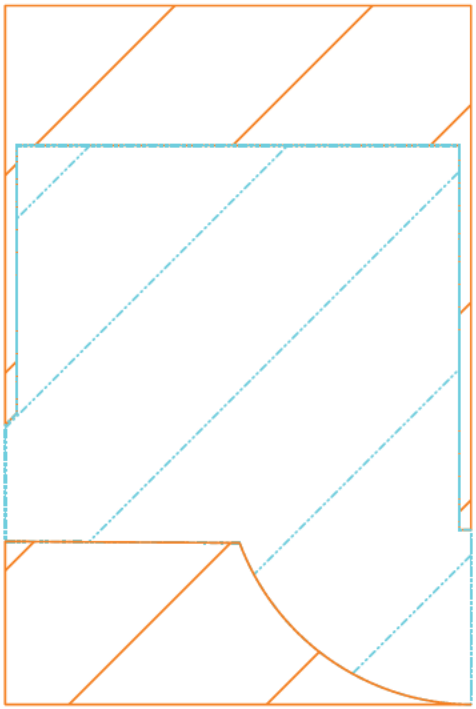
SERIAL	SOURCE	SIZE	SHEET	REVISION
POTL	SEP	A1	1 OF 1	Ø

TRIM LINE
TRIM LINE
TRIM LINE
TRIM LINE
DATE
DATE

SITE SPECIFIC MITIGATION MEASURES

G. AGRICULTURAL LEASE/LAND MANAGEMENT

1. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.



VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (+EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP -
INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (+TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRICAL FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

0.0346 ACRES

SCALE 3/16" = 1' 0 4 8 16 FT



NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	C		COMPUTER REVISION ONLY	DAS	4/16/2019	SGH BT

DESIGNED BY: B. TILLEY
DRAWN BY: D. SAMSON
CHECKED BY: S. HUGILL
FINAL REVIEW BY: B. TILLEY 4/16/2019

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

RAYMOND HILL RADIO STATION

VEGETATION MANAGEMENT SITE PLAN

DISTRICT OLYMPIA - REGION NORTH

SOURCE	SITE	SIGNAL	SHEET	REVISION
SEP	BPA A1	RAYH	1 OF 1	1

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED,

1.8 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION,

SENSITIVE AREAS

SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.

DO NOT APPLY CHEMICAL TREATMENT

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

C. SURFACE WATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A SURFACE WATER ADVISORY ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

D. GROUNDWATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A GROUND WATER ADVISORY ANYWHERE AT THIS SITE, UNLESS OTHERWISE INDICATED IN SITE SPECIFIC NOTES. (SEE APPROVED HERBICIDE LIST)

E. AQUATIC SPECIES PROTECTION

DO NOT APPLY ANY CHEMICAL THAT IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)

OUTFALL #1
OUTFALL #3
E-W BASE LINE
S 81°05'11"W
OUTFALL #4
OUTFALL #5
OUTFALL #6
OUTFALL #11
OUTFALL #7
OUTFALL #8
OUTFALLS EMPTY DIRECTLY INTO BUTTE CREEK
OUTFALL #9
N-S BASE LINE
N 28°54'49"W
OUTFALL #10
WELL
DRINKING WATER INFILTRATION GALLERY
MAINT. BLDG.
LEVEL
-1.8% SLOPE
NORTH
SERVICE YARD
℄ ENTRANCE ROAD
PARKING AREA
CONTROL HOUSE
OUTFALL EMPTY DIRECTLY INTO BUTTE CREEK
BUTTE CREEK
HWY. 101

SENSITIVE AREA: MACHINE OR HAND CUT, AND/OR USE SPOT AND LOCALIZED APPLICATION WITH GARLON 3A ONLY. LEAVE ALL VEGETATION LESS THAN 10' WHERE POSSIBLE (EXCEPT NOXIOUS WEEDS), SELECTIVELY CUT ONLY TREES THAT WILL GROW INTO THE MAD TO PRESERVE SHADE CONDITIONS.

SCALE 1" = 30'-0" 0 15 30 60 90 FT

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

RAYMOND SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SIZE	SUBSTA.	SHEET
3/29/2023	SEP	BPA A1	RAYM_VEG	1 OF 1

SITE SPECIFIC MITIGATION MEASURES

A. STORMWATER CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.

II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.

III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

C. SURFACE WATER PROTECTION

I. DO NOT APPLY ANY CHEMICAL HAVING A SURFACE WATER LABEL ADVISORY SUE TO POTENTIAL PRESENCE OF SURFACE WATER AT OR ADJACENT TO FACILITY.

F. WILDLIFE & HABITAT PROTECTION

I. ADJACENT OR ON-SITE PRESENCE OF PLANT/ANIMAL SPECIES OR ASSOCIATED HABITATS REQUIRING MITIGATION MAY INCLUDE TIMING RESTRICTIONS. CONTACT BPA DISTRICT ENVIRONMENTAL SPECIALIST (ES) FOR SOUTH ERIGHTS SUBSTA.

VEGETATION MANAGEMENT KEY

RESTRICTED VEGETATION -
SITE SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

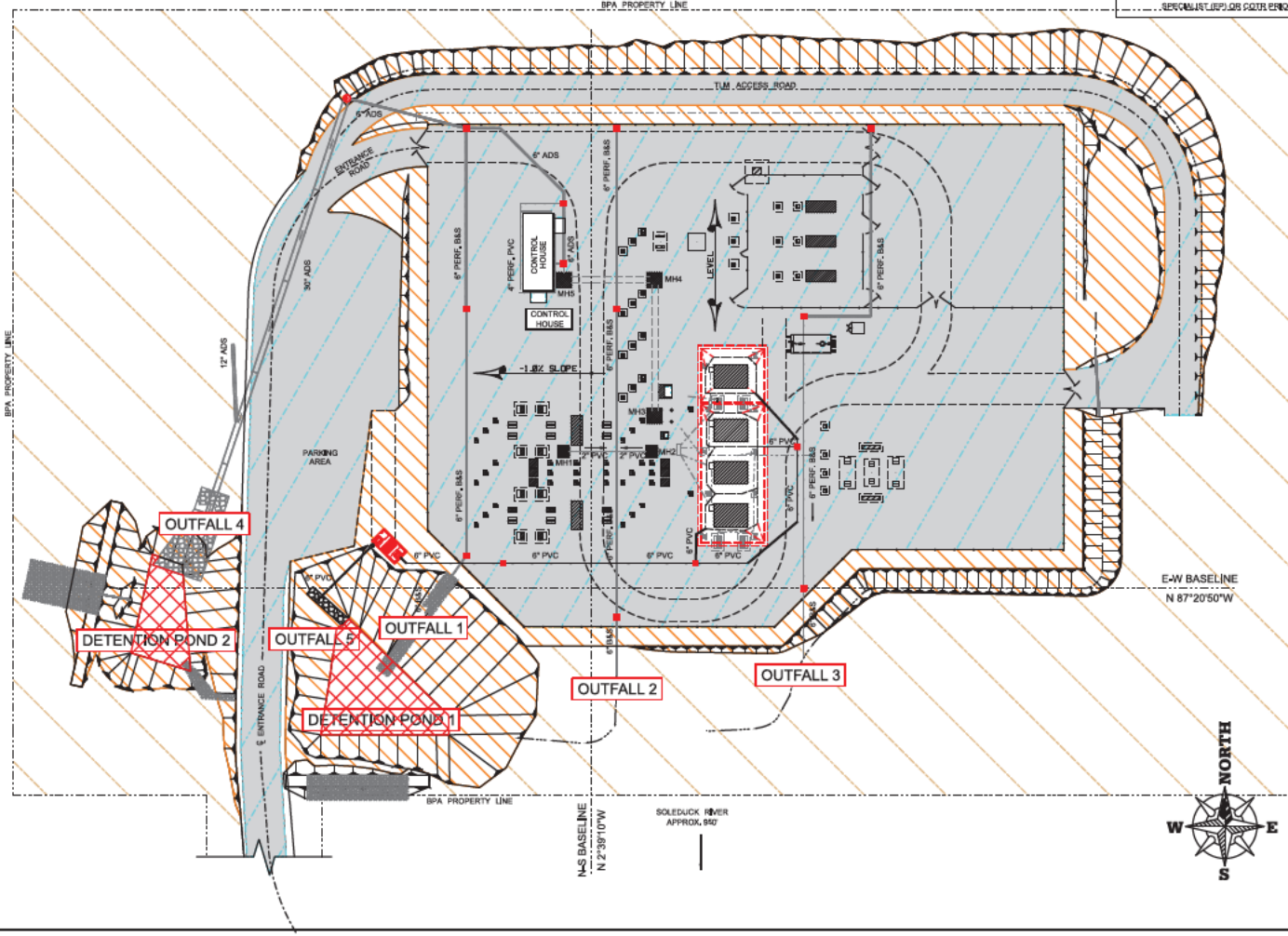
NON-ELECTRIC & ROW AREAS -
INCLUDES AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

FIELD GRASS/COVER CROP -
INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (*TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRICAL FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (*EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

2.363 ACRES

OIL CONTAINMENT LINER, & FOOTING
DO NOT APPLY CHEMICAL TREATMENT



NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	EP		COMPUTER REVISION ONLY	DAS	6/15/2022	OWJ

ENVIRONMENT
POLLUTION PREVENTION & ABATEMENT

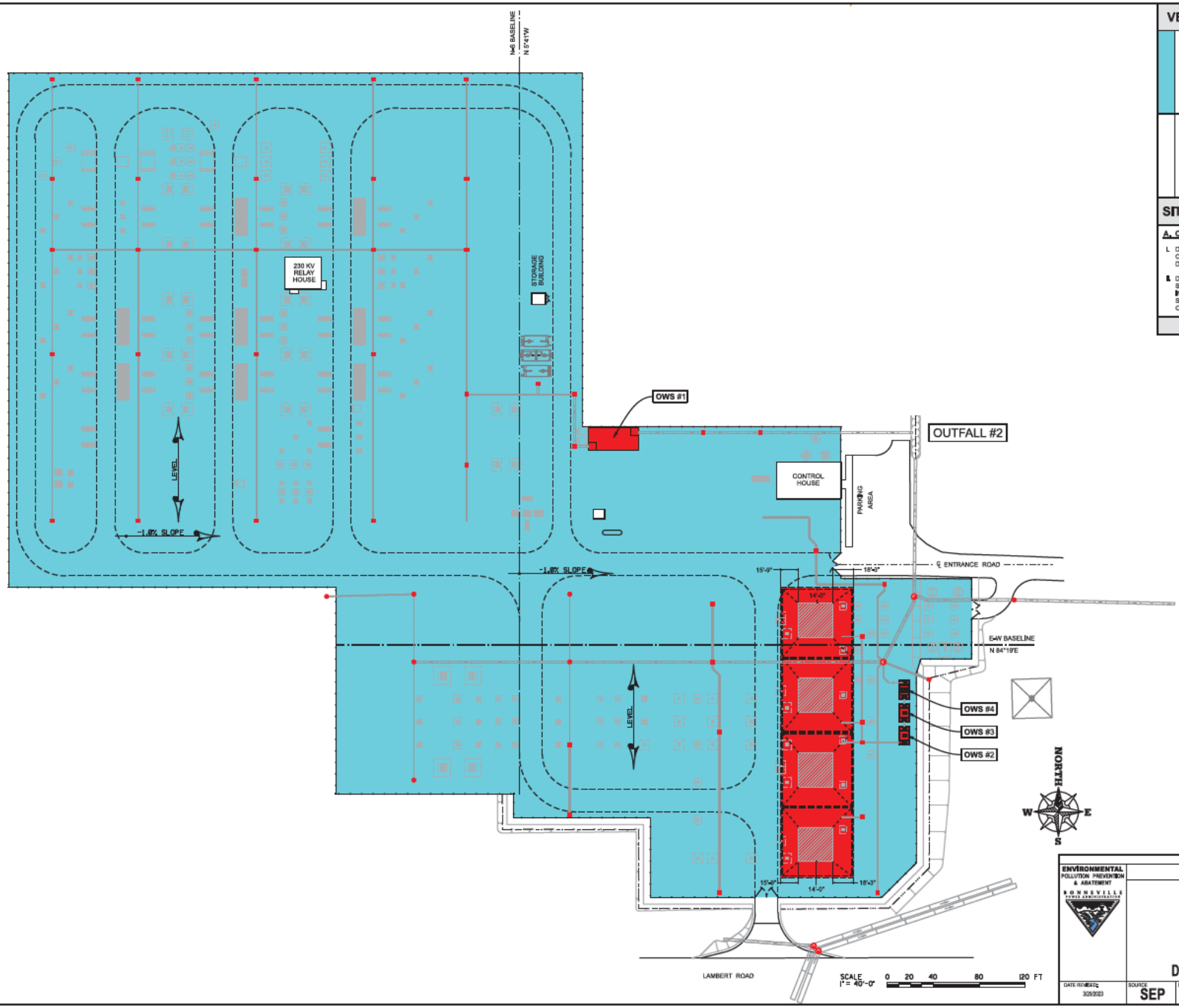
BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

SAPPHO SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DRAWN BY: O. BAMSON
CHECKED BY: O. JAHN
LAST REVISED BY: O. JAHN 6/15/2022

District_OLYMPIA Region_NORTH

SOURCE	SITE	SIGNAL	SHEET	REVISION
SEP	BPA A1	SAPO_VEG	1 OF 1	0



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

8 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

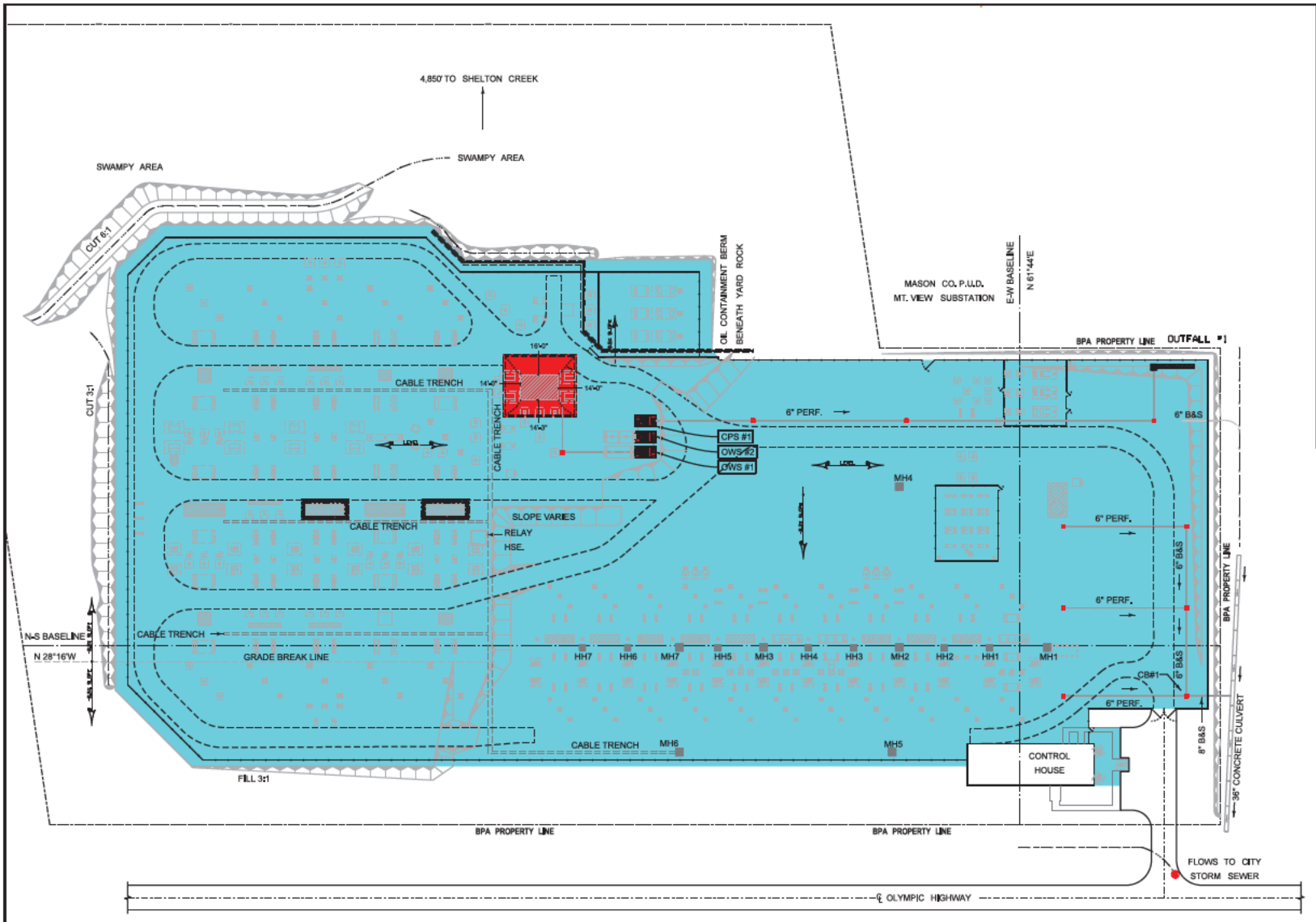
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

SATSOP SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SITE	SIGNAL	SHEET
3/28/2023	SEP	BPA A1	SATS_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

7.2 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

SHELTON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_OLYMPIA Region_NORTH

DATE REVISED:	SOURCE	SITE	SHEET	SHEET
8/29/2023	SEP	BPA A1	SHEL_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

LANDSCAPING - INCLUDES AREAS WITH LAWNS REQUIRING FERTILIZATION AND BROADLEAF CONTROL, AS WELL AS ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL. PRIMARY METHODS INCLUDE MANUAL AND MECHANICAL VEGETATION CONTROL, AND SPOT CHEMICAL APPLICATIONS FOR BROAD LEAF CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

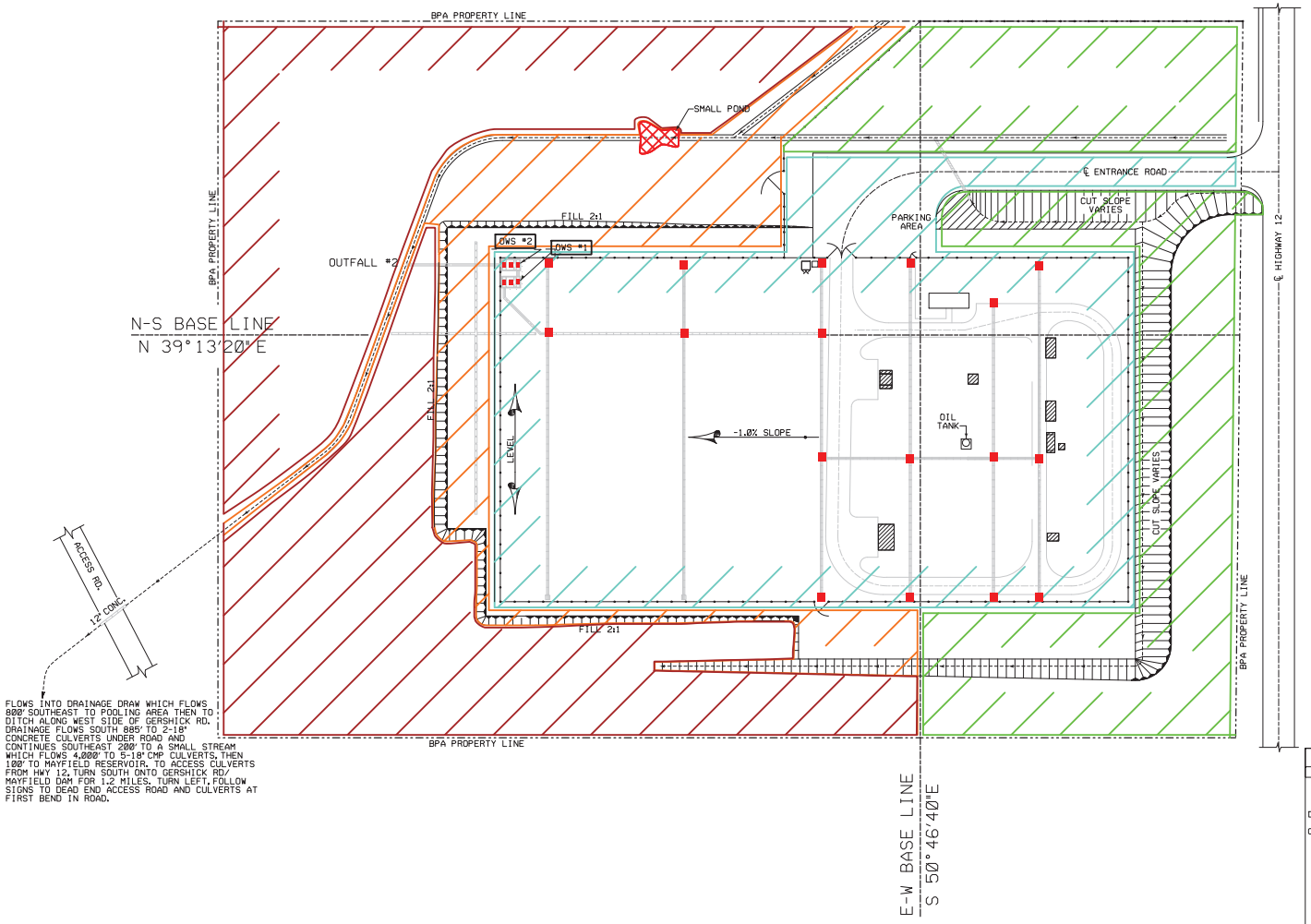
SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

C. SURFACE WATER PROTECTION

I. DO NOT APPLY ANY CHEMICAL HAVING A SURFACE WATER LABEL ADVISORY DUE TO POTENTIAL PRESENCE OF SURFACE WATER AT OR ADJACENT TO FACILITY.



2.7953 ACRES

SCALE 1" = 80'-0" 0 20 40 80 120 FT

NO.	W.O.	COMPUTER REVISION ONLY

Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 3/20/2017

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

SILVER CREEK SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST OLYMPIA REGION NORTH

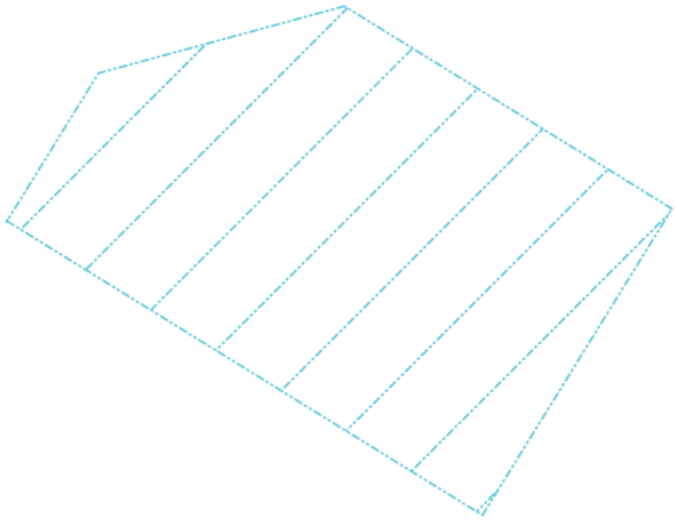
SERIAL	SOURCE	SIZE	SHEET	REVISION
SICR	SEP	A1	1 OF 1	0

••DATE••
TRIM LINE
TRIM LINE

SITE SPECIFIC MITIGATION MEASURES

G. AGRICULTURAL LEASE/LAND MANAGEMENT

1. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.



0.1102 ACRES

SCALE 1" = 10'-0" 0 5 10 20 30 FT

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (+EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

NORTH W E S

NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	C		COMPUTER REVISION ONLY	DAS	4/16/2019	SGH BT

DESIGNED BY: B. TILLEY
DRAWN BY: D. SAMSON
CHECKED BY: S. HUGILL
FINAL REVIEW BY: B. TILLEY 4/16/2019

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

SOUTH MOUNTAIN RADIO STATION

VEGETATION MANAGEMENT SITE PLAN

DISTRICT OLYMPIA - REGION NORTH

SOURCE	SITE	SHEET	REVISION
SEP	BPA A1 SOMW	1 OF 1	1

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCES, AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

C. SURFACE WATER PROTECTION

I. DO NOT APPLY ANY CHEMICAL HAVING A SURFACE WATER LABEL ADVISORY DUE TO POTENTIAL PRESENCE OF SURFACE WATER AT OR ADJACENT TO FACILITY.

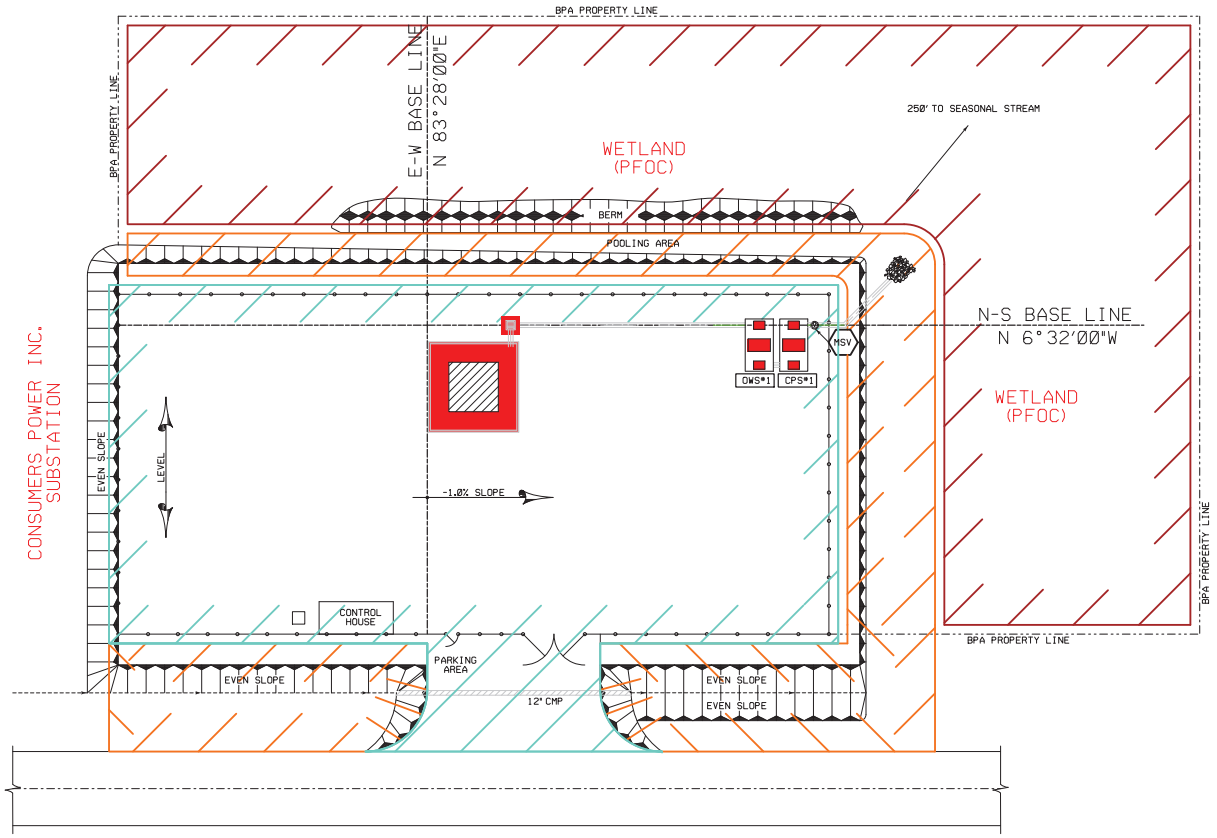
F. WILDLIFE & HABITAT PROTECTION

I. ADJACENT OR ON-SITE PRESENCE OF PLANT/ANIMAL SPECIES OR ASSOCIATED HABITATS REQUIRING MITIGATION...MAY INCLUDE TIMING RESTRICTIONS. CONTACT BPA DISTRICT ENVIRONMENTAL SPECIALIST (EP) OR COTR PRIOR TO ENTRY.

G. AGRICULTURAL LEASE/LAND MANAGEMENT

I. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTRICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

E.E. WILSON GAME MANAGEMENT AREA



LEGEND

- CORRUGATED METAL PIPE
- SOLID PVC PLASTIC PIPE
- DITCH FLOW
- FOOTINGS
- CONCRETE OIL CONTAINMENT LINER & FOOTING. DO NOT SPRAY LINER

0.6774 ACRE

SCALE 1" = 20'-0" 0 10 20 40 60 FT

NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

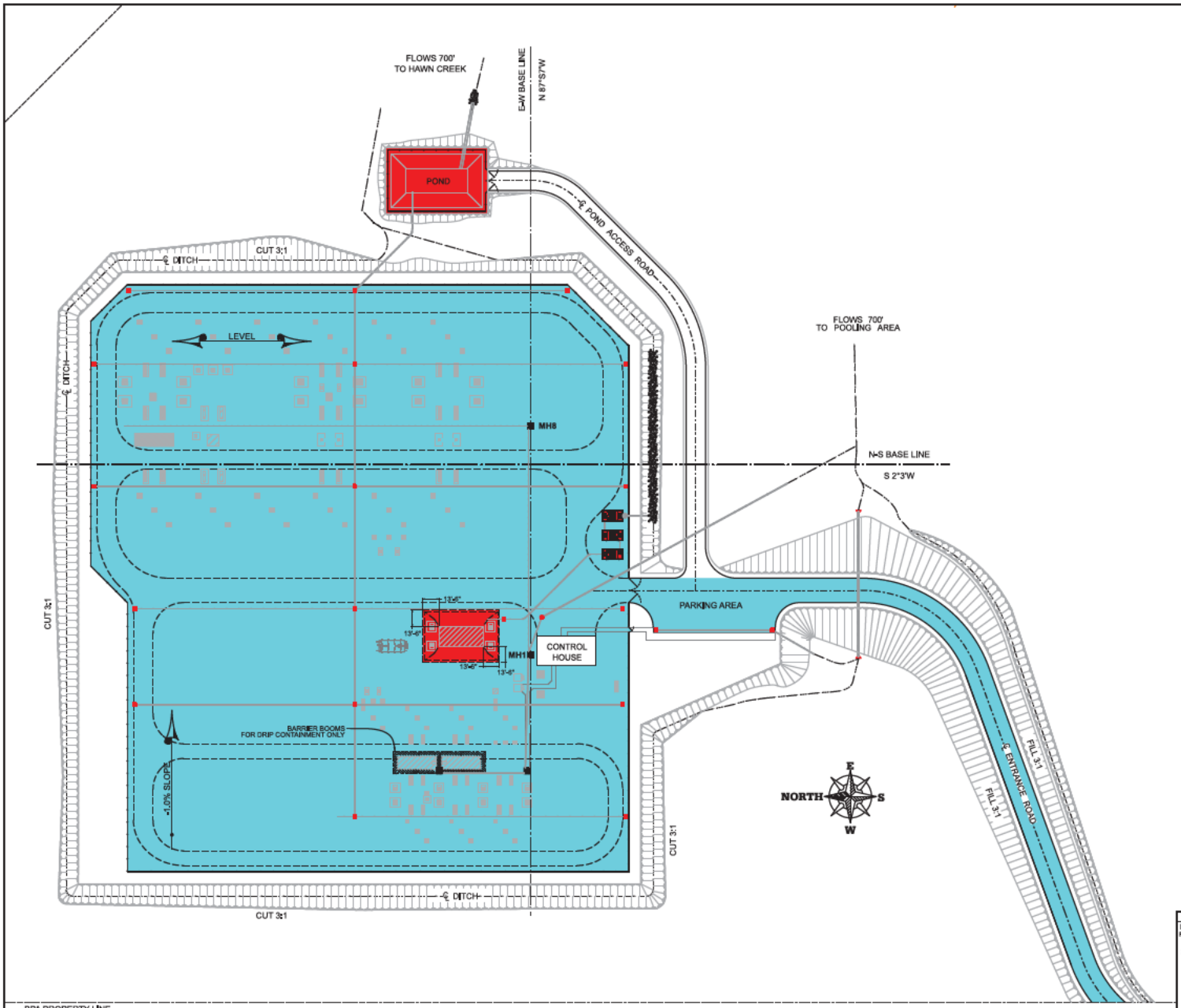
Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 10/17/2016

ADAIR SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN

DIST SALEM REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
ADAR31	EP	A1	1 OF 1	0

TRIM LINE
TRIM LINE
••DATE••



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

4.9 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

UNLINED CONTAINMENT POND — POND

OIL WATER SEPARATOR OWS/CPS

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

DRAINAGE CATCH BASINS

SCALE 1" = 40'-0" 0 20 40 80 120 FT

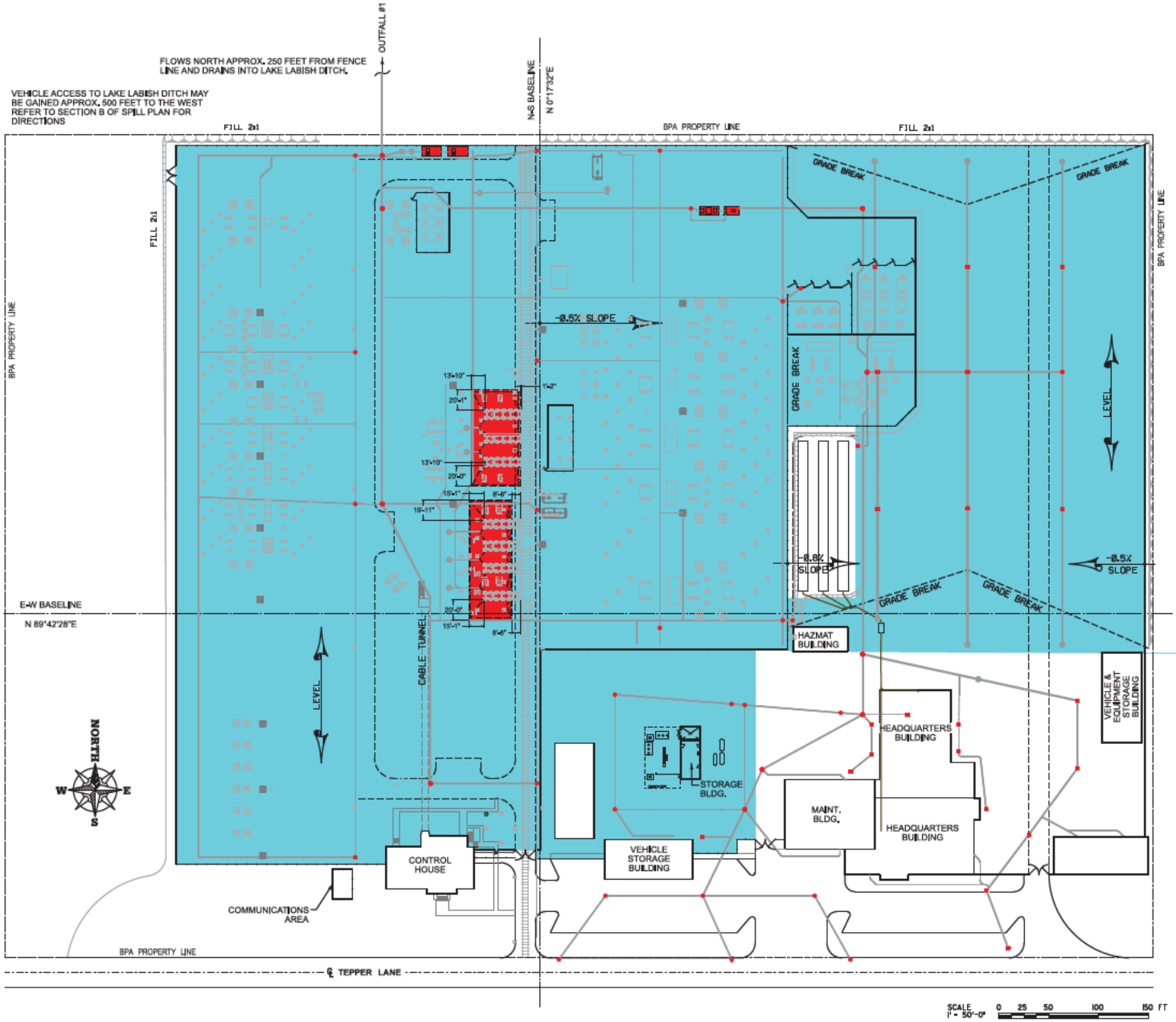
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

CARLTON SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_SALEM Region_SOUTH

DATE REVISED:	SOURCE	SITE	SUBSTA.	SHEET
4/24/2023	SEP	BPA A1	CARL_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

13.3 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

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I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

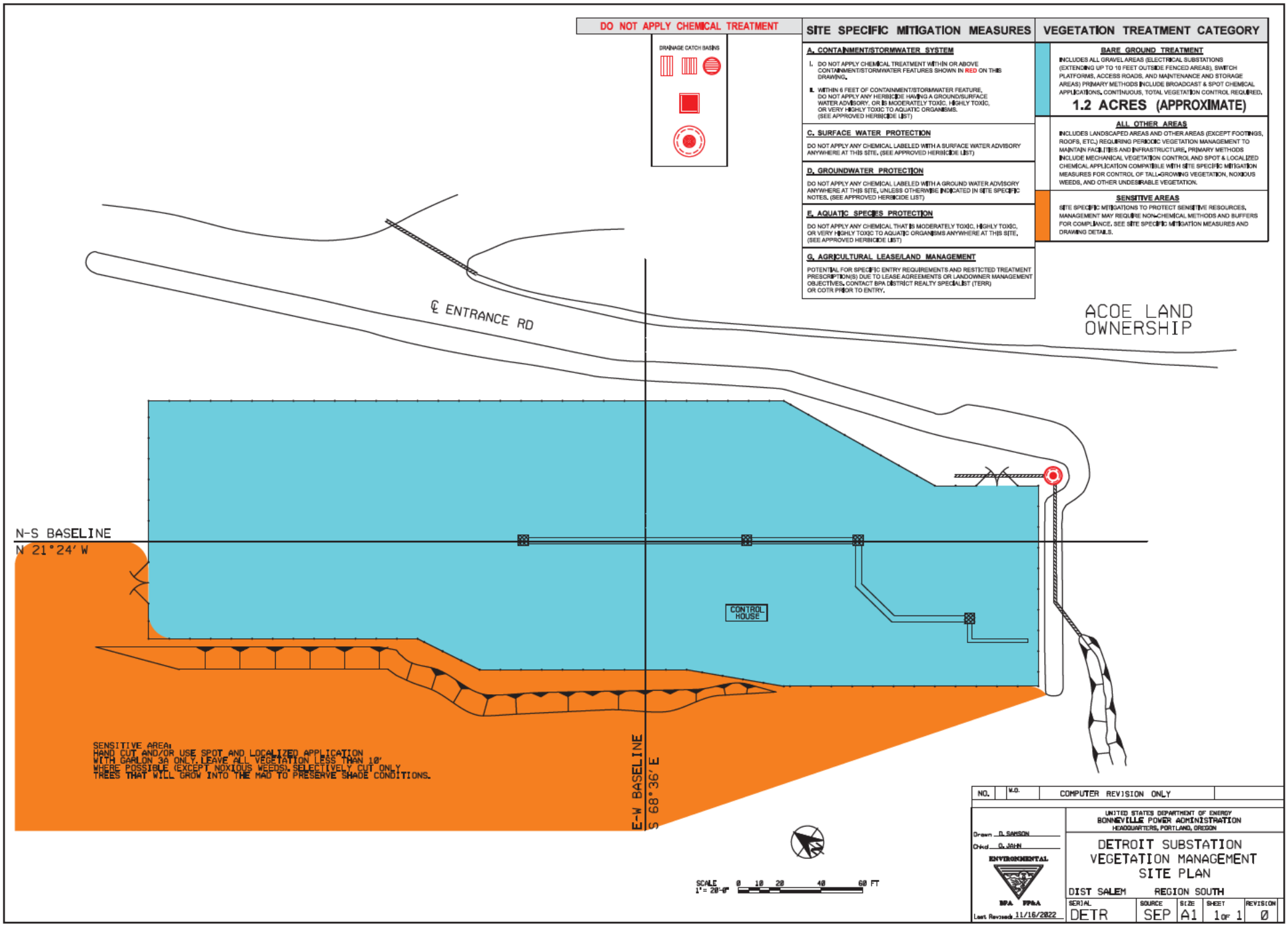
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

CHEMAWA SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_SALEM Region_SOUTH

DATE REVISED:	SOURCE	SITE	SHEET	SHEET
4/24/2023	SEP	BPA A1	CHEM_VEG	1 OF 1


DO NOT APPLY CHEMICAL TREATMENT
DRAINAGE CATCH BASINS
SITE SPECIFIC MITIGATION MEASURES
A. CONTAINMENT/STORMWATER SYSTEM
I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.
II. WITHIN 6 FEET OF CONTAINMENT/STORMWATER FEATURE, DO NOT APPLY ANY HERBICIDE HAVING A GROUND/SURFACE WATER ADVISORY, OR IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS. (SEE APPROVED HERBICIDE LIST)
C. SURFACE WATER PROTECTION
DO NOT APPLY ANY CHEMICAL LABELED WITH A SURFACE WATER ADVISORY ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)
D. GROUNDWATER PROTECTION
DO NOT APPLY ANY CHEMICAL LABELED WITH A GROUND WATER ADVISORY ANYWHERE AT THIS SITE, UNLESS OTHERWISE INDICATED IN SITE SPECIFIC NOTES. (SEE APPROVED HERBICIDE LIST)
E. AQUATIC SPECIES PROTECTION
DO NOT APPLY ANY CHEMICAL THAT IS MODERATELY TOXIC, HIGHLY TOXIC, OR VERY HIGHLY TOXIC TO AQUATIC ORGANISMS ANYWHERE AT THIS SITE. (SEE APPROVED HERBICIDE LIST)
G. AGRICULTURAL LEASE/LAND MANAGEMENT
POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.
VEGETATION TREATMENT CATEGORY
BARE GROUND TREATMENT
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.
1.2 ACRES (APPROXIMATE)
ALL OTHER AREAS
INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.
SENSITIVE AREAS
SITE SPECIFIC MITIGATIONS TO PROTECT SENSITIVE RESOURCES, MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE. SEE SITE SPECIFIC MITIGATION MEASURES AND DRAWING DETAILS.
℄ ENTRANCE RD
ACOE LAND OWNERSHIP
N-S BASELINE
N 21°24' W
CONTROL HOUSE
E-W BASELINE
S 68°36' E
SENSITIVE AREA:
HAND CUT AND/OR USE SPOT AND LOCALIZED APPLICATION WITH GARLON 3A ONLY. LEAVE ALL VEGETATION LESS THAN 10' WHERE POSSIBLE (EXCEPT NOXIOUS WEEDS). SELECTIVELY CUT ONLY TREES THAT WILL GROW INTO THE MAD TO PRESERVE SHADE CONDITIONS.
SCALE 1" = 20'-0" 0 10 20 40 60 FT
NO. V.O. COMPUTER REVISION ONLY
UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON
Drawn D. SAMSON
Chkd. G. JAHN
ENVIRONMENTAL
BPA PP&A
Last Revised 11/16/2022
DETROIT SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN
DIST SALEM REGION SOUTH
SERIAL DETR
SOURCE SEP
SIZE A1
SHEET 1 OF 1
REVISION 0
TRIM LINE
TRIM LINE

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

LANDSCAPING - INCLUDES AREAS WITH LAWNS REQUIRING FERTILIZATION AND BROADLEAF CONTROL, AS WELL AS ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL. PRIMARY METHODS INCLUDE MANUAL AND MECHANICAL VEGETATION CONTROL, AND SPOT CHEMICAL APPLICATIONS FOR BROAD LEAF CONTROL.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

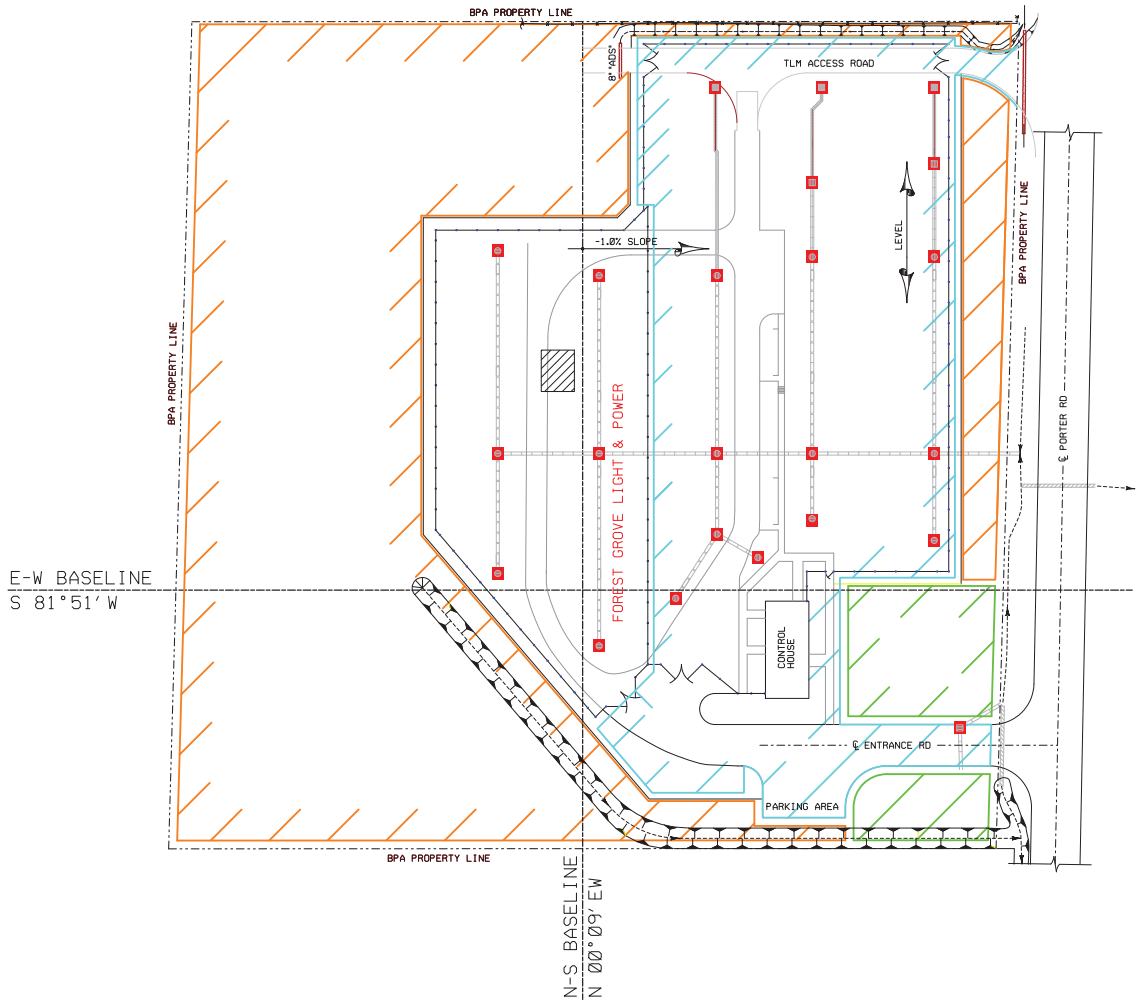
SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

D. GROUND WATER PROTECTION

I. DO NOT APPLY ANY CHEMICAL HAVING GROUND WATER LABEL ADVISORY DUE TO POTENTIAL FOR GROUND WATER CONTAMINATION.



LEGEND
- DRAINAGE CATCH BASIN
- OPEN JOINT CONCRETE PIPE
- PERFORATED B & S CONCRETE PIPE
- SOLID B & S CONCRETE PIPE
- CORRUGATED METAL PIPE
- DITCH FLOW
- ELECTRICAL MANHOLE OR HANDHOLE
- FOOTINGS

1.25 ACRES

SCALE 1" = 30'-0" 0 15 30 60 90 FT

NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

Drawn BE BOSCO
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 9/29/2016

FOREST GROVE SUBSTATION VEGETATION MANAGEMENT SITE PLAN

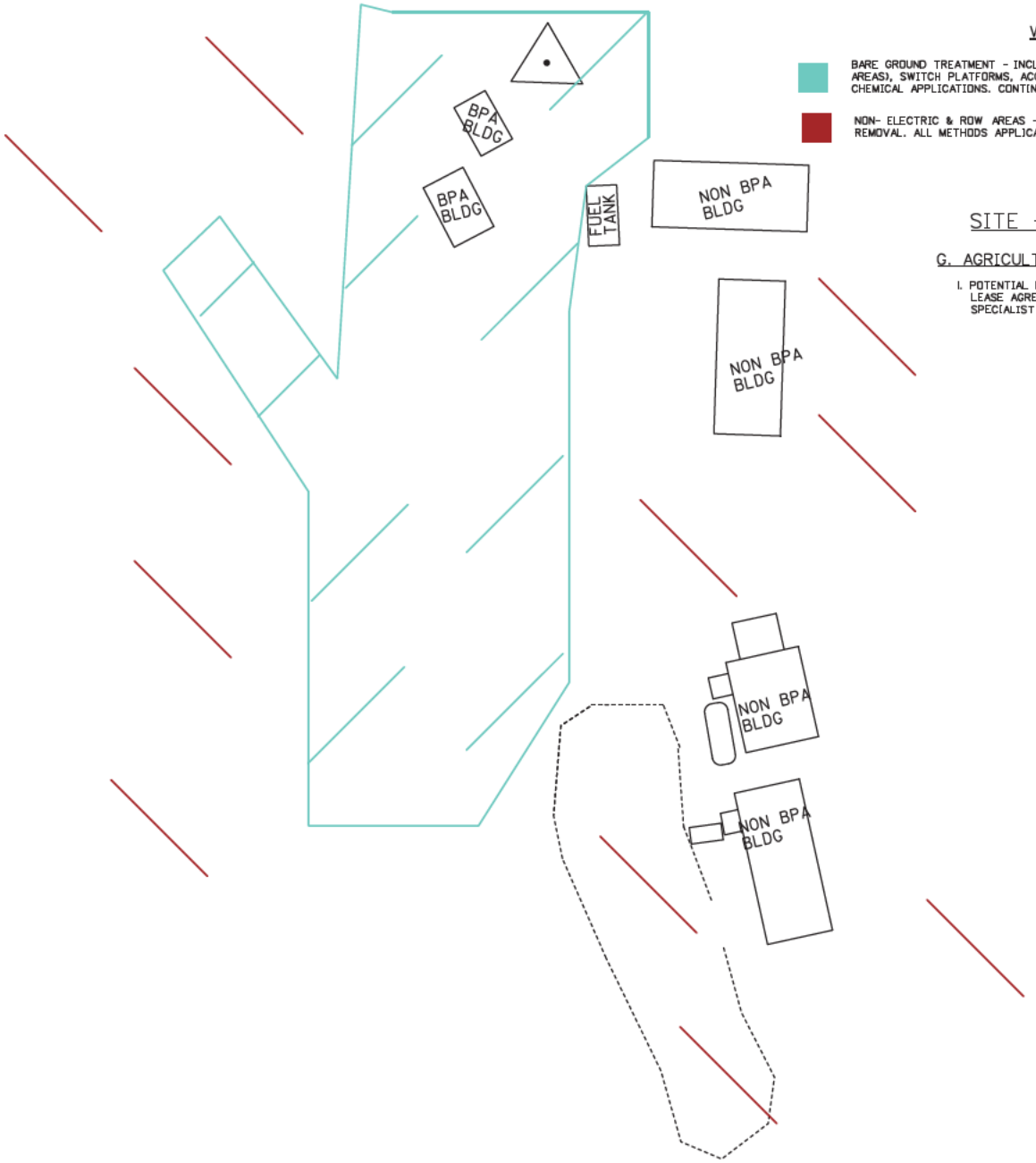
DIST SALEM REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
FORG	SEP	A1	1 OF 1	Ø

••DATE••

TRIM LINE

TRIM LINE



VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

SITE -SPECIFIC MITIGATION MEASURES

G. AGRICULTURAL LEASE/LAND MANAGEMENT

1. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTRICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

.1658 ACRES

SCALE NTS 0 5 10 20 30 FT

NO.	V.O.	COMPUTER REVISION ONLY

Drawn D. BOEN
Chkd B. TILLEY
ENVIRONMENT
BPA FP&A
Last Revised 3/25/2019

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

HALL RIDGE RADIO STATION VEGETATION MANAGEMENT SITE PLAN

DIST EUGENE REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
HALL	SEP	A1	1 OF 1	0

TRIM LINE

TRIM LINE

DATE

SITE SPECIFIC MITIGATION MEASURES

C. SURFACE WATER PROTECTION

L — DO NOT APPLY ANY CHEMICAL HAVING A SURFACE WATER LABEL ADVISORY SUE TO POTENTIAL PRESENCE OF SURFACE WATER AT OR ADJACENT TO FACILITY.

D. GROUND WATER PROTECTION

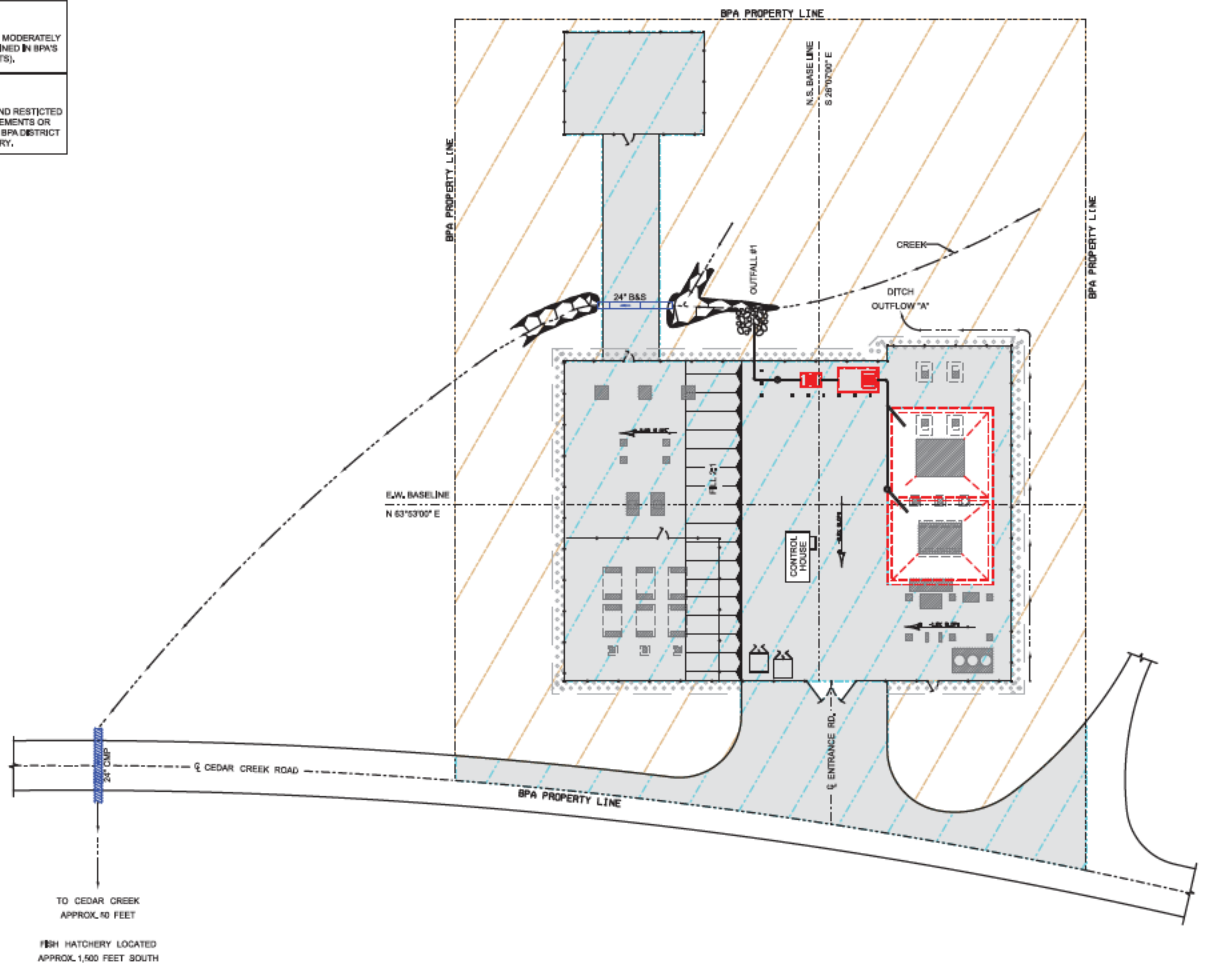
L — DO NOT APPLY ANY CHEMICAL HAVING GROUND WATER ADVISORY DUE TO POTENTIAL FOR GROUND WATER CONTAMINATION.

E. AQUATIC SPECIES PROTECTION

L — DO NOT APPLY ANY CHEMICAL THAT IS CONSIDERED MODERATELY TOXIC OR ABOVE TO AQUATIC SPECIES (AS DETERMINED IN BPA'S APPROVED HERBICIDES LIST OF ACTIVE INGREDIENTS).

G. AGRICULTURAL LEASE/LAND MANAGEMENT

L — POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES, CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.



VEGETATION MANAGEMENT KEY

RESTRICTED VEGETATION -
SITE SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MANAGEMENT MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

NON-ELECTRIC & ROW AREAS -
INCLUDES AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS, MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

BARE GROUND TREATMENT -
INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (*EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.461 ACRES

OIL CONTAINMENT LINER, & FOOTING
DO NOT APPLY CHEMICAL TREATMENT

NORTH

SCALE 1" = 20'-0" 0 10 20 40 60 FT

NO.	TYPE	WORK ORDER	DESCRIPTION	BY	DATE	REVIEWED
0	EP		COMPUTER REVISION ONLY	DAS	1/18/2022	OWJ JPJ

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT
BONNEVILLE POWER ADMINISTRATION

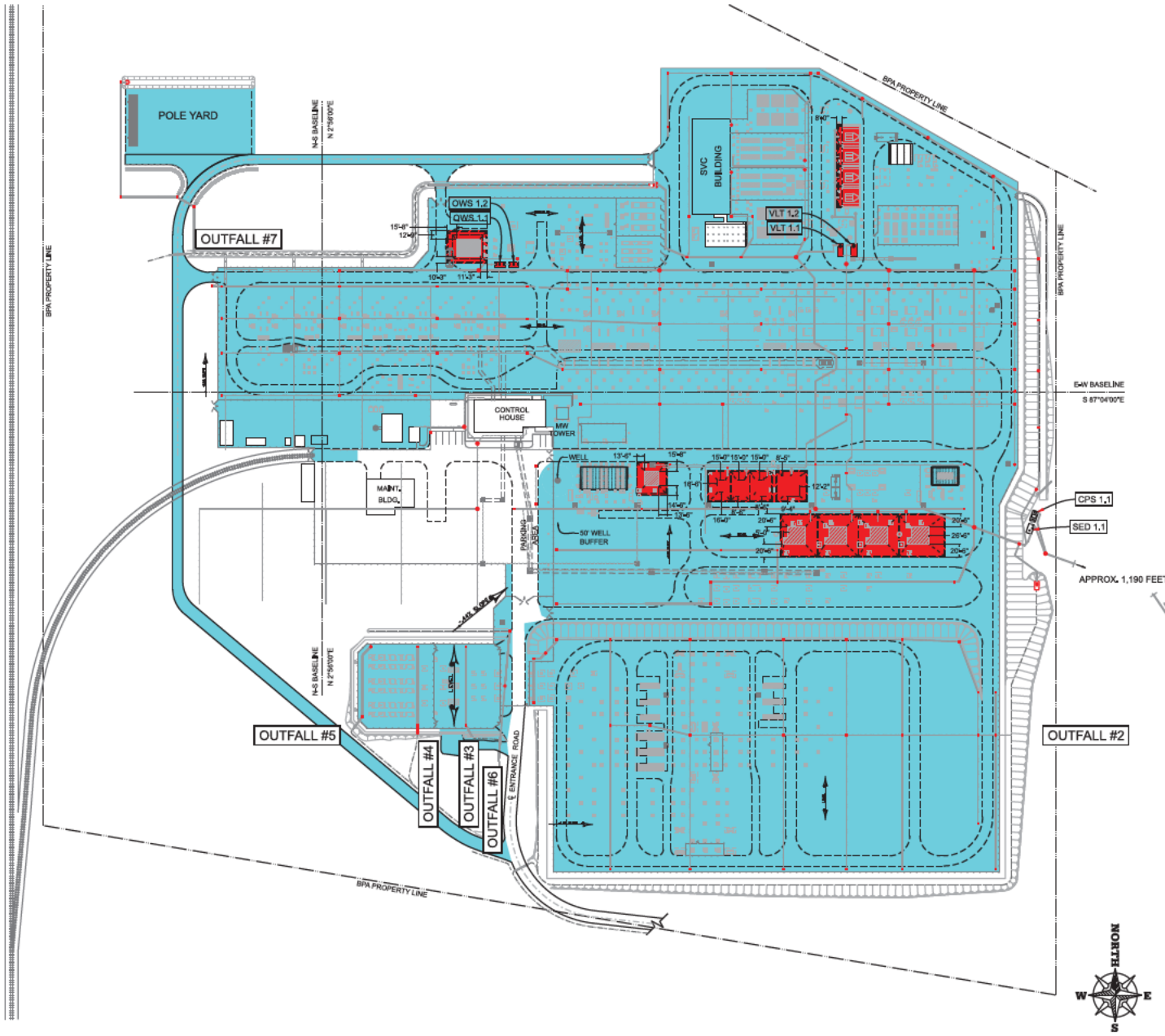
DRAWN BY: D. DAMSON
CHECKED BY: J. JOHNSON
LAST REVISED BY: D. JAHN 6/23/2021

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

HEBO SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN

District_SALEM Region_SOUTH

SOURCE	SITE	SIGNAL	SHEET	REVISION
SEP	BPA A1	HEBO_SWDI	1 OF 1	0



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

24 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

KEELER SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_SALEM Region_SOUTH

DATE REVISED:	SOURCE	SITE	SIGNAL	SHEET
7/25/2023	SEP	BPA A1	KEEL_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

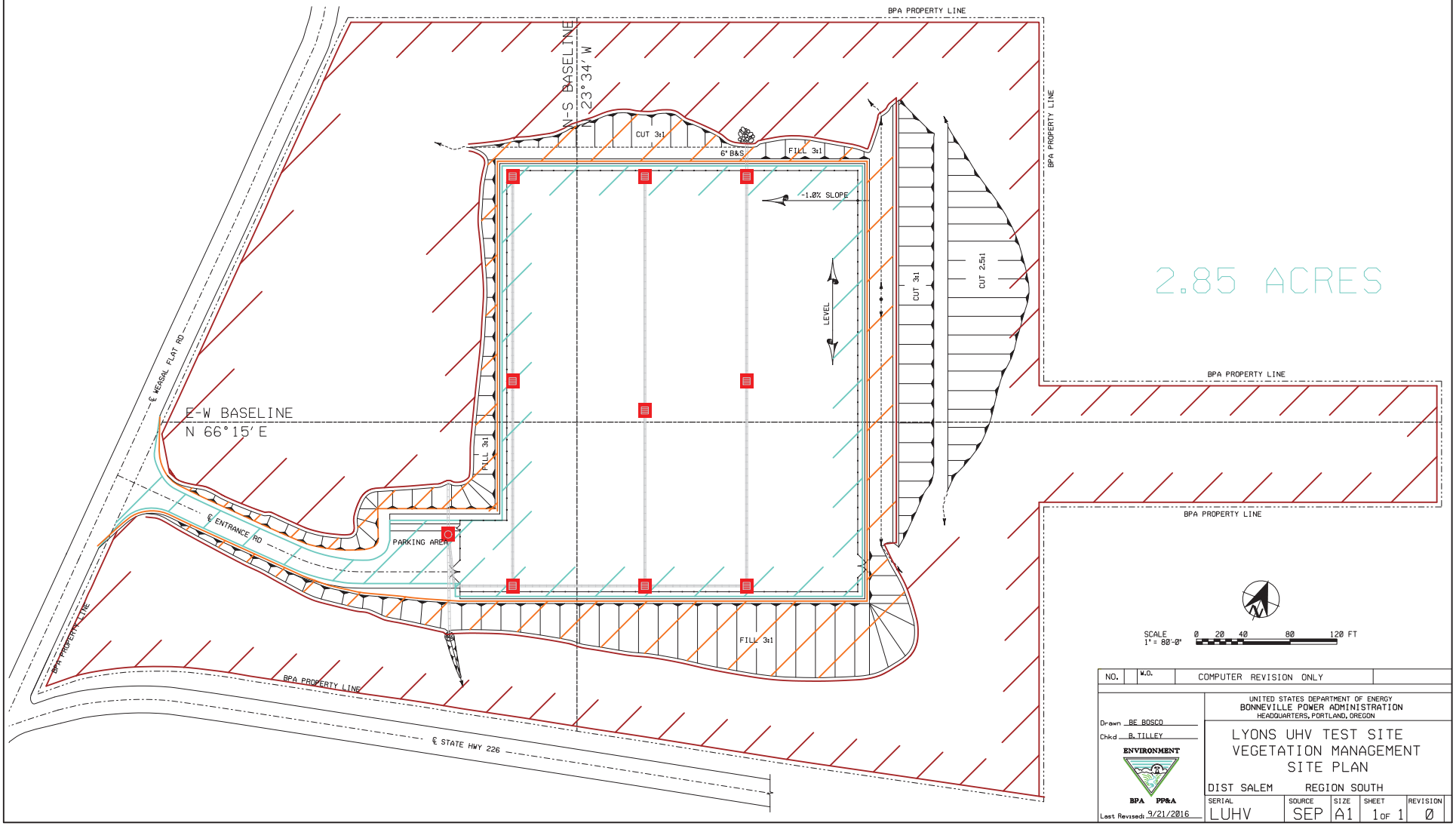
NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. ~~MAY REQUIRE~~ NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).



NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

Drawn BE BOSCO
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised: 9/21/2016

LYONS UHV TEST SITE VEGETATION MANAGEMENT SITE PLAN

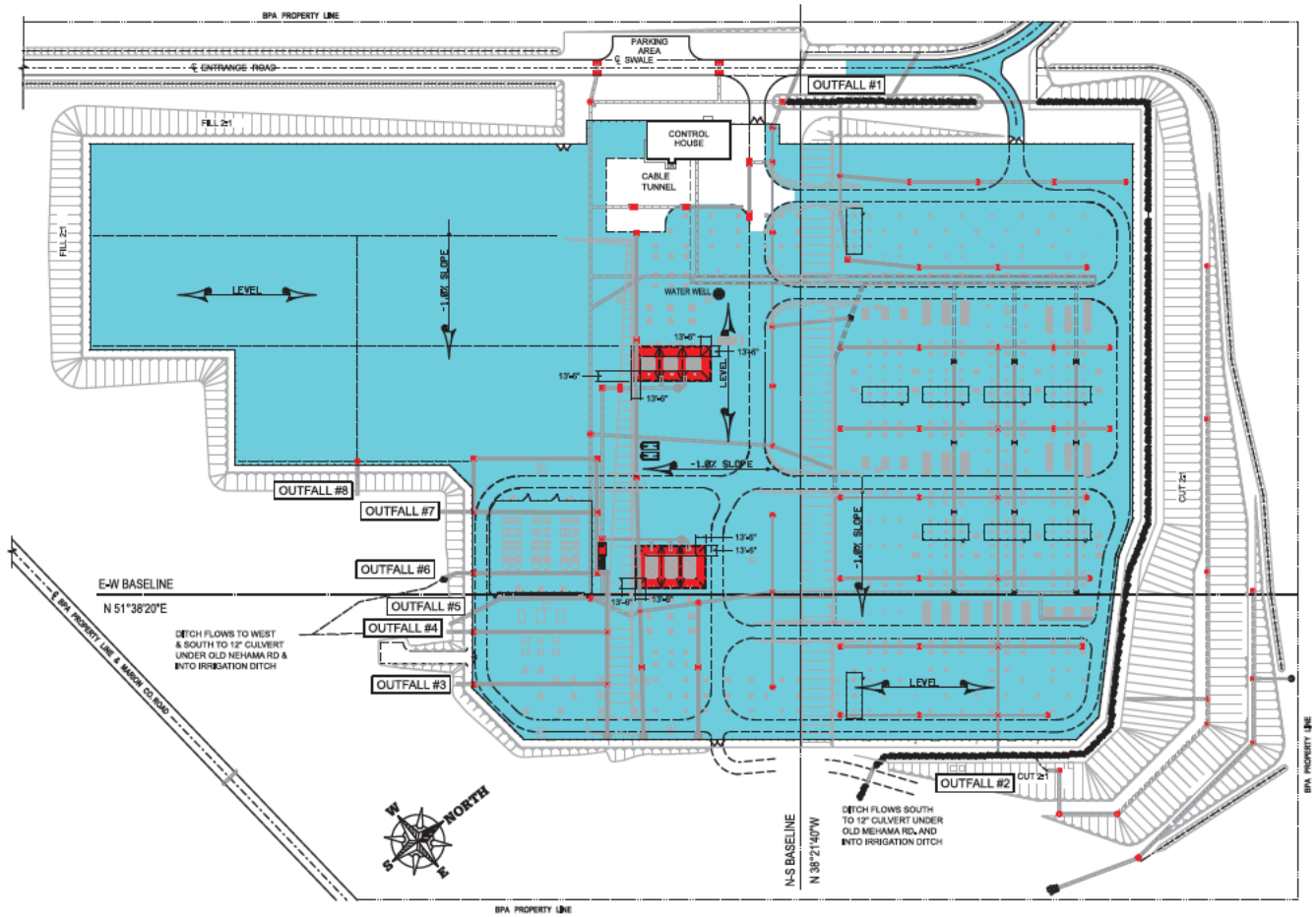
DIST SALEM REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
LUHV	SEP	A1	1 OF 1	Ø

••DATE••

TRIM LINE

TRIM LINE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

18.7 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

MARION SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_SALEM Region_SOUTH

DATE REVISED:	SOURCE	SITE	SUBSTA.	SHEET
4/24/2023	SEP	BPA A1	MARN_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

LANDSCAPING - INCLUDES AREAS WITH LAWNS REQUIRING FERTILIZATION AND BROADLEAF CONTROL, AS WELL AS ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL. PRIMARY METHODS INCLUDE MANUAL AND MECHANICAL VEGETATION CONTROL, AND SPOT CHEMICAL APPLICATIONS FOR BROAD LEAF CONTROL.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

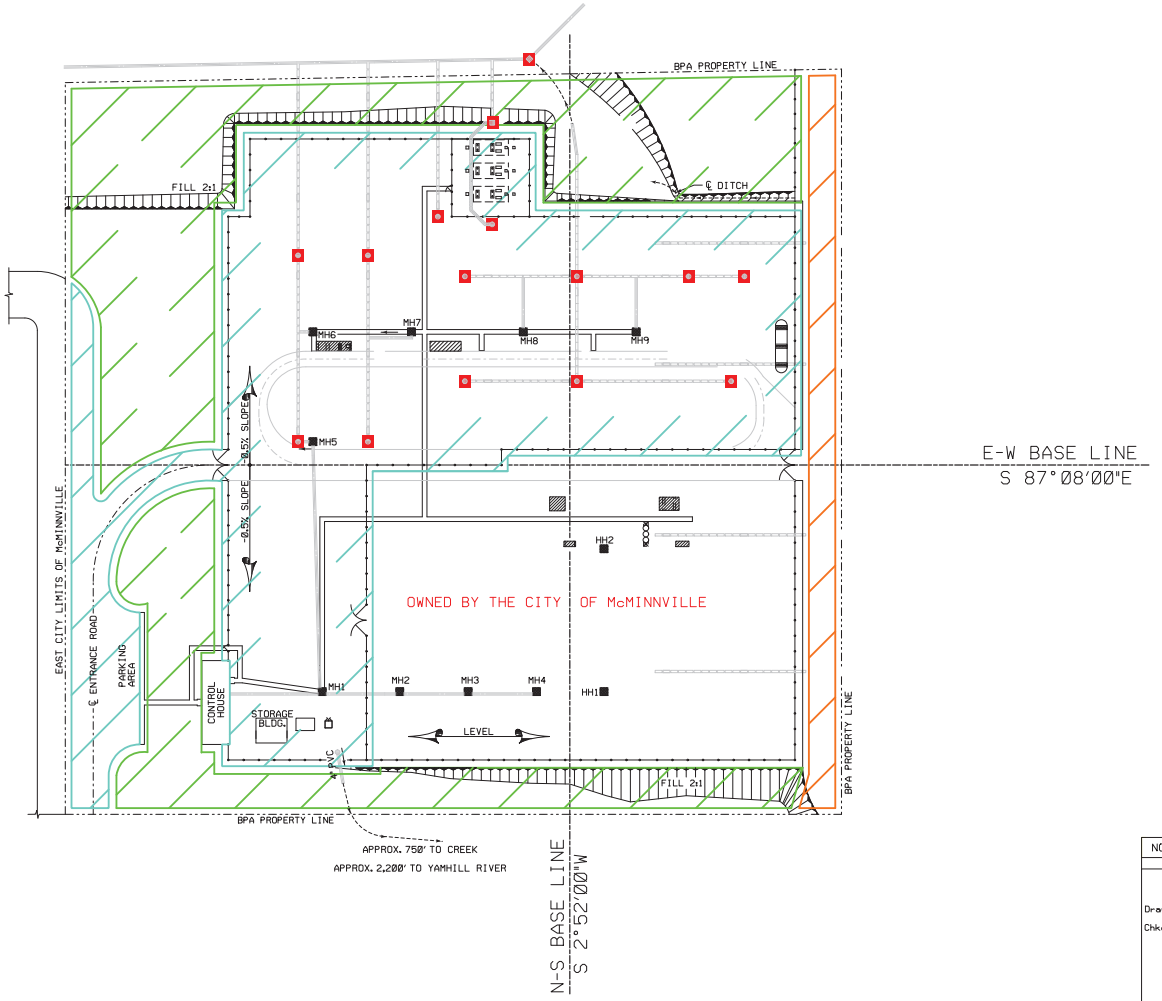
SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
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D. GROUND WATER PROTECTION

I. DO NOT APPLY ANY CHEMICAL HAVING GROUND WATER LABEL ADVISORY DUE TO POTENTIAL FOR GROUND WATER CONTAMINATION.



2.25 ACRES

SCALE 1" = 80'-0" 0 20 40 80 120 FT

NO.	W.O.	COMPUTER REVISION ONLY

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

Drawn BE BOSCO
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised: 9/21/2016

McMINNVILLE SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN

DIST SALEM REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
MCMI	SEP	A1	1 OF 1	Ø

TRIM LINE
TRIM LINE
••DATE••

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

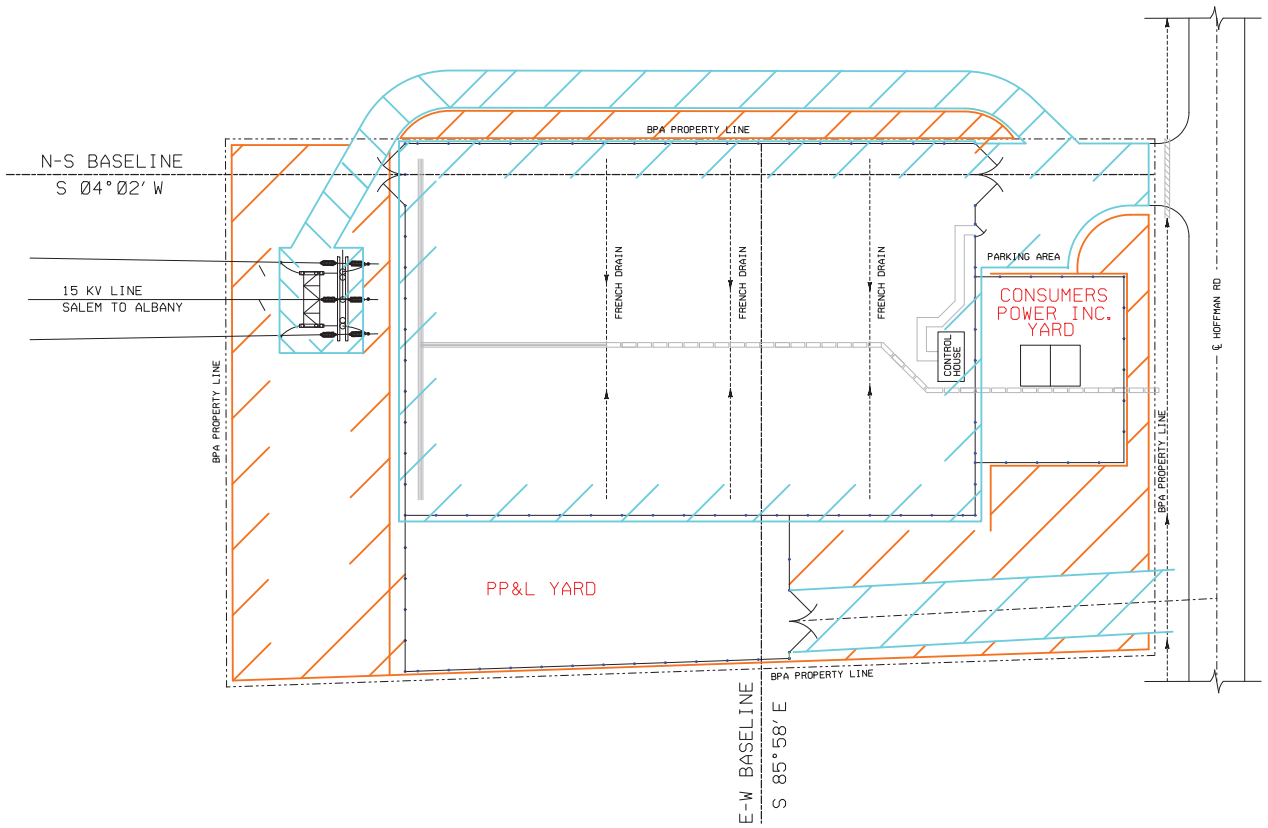
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LEGEND

- OPEN JOINT CONCRETE PIPE
- PERFORATED PVC PLASTIC PIPE
- CORRUGATED METAL PIPE
- DITCH FLOW
- FOOTINGS

SITE -SPECIFIC MITIGATION MEASURES

NONE



.7225 ACRE

SCALE 1" = 20'-0" 0 10 20 40 60 FT

NO.	W.O.	COMPUTER REVISION ONLY

Drawn BE BOSCO
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 9/30/2016

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

MONMOUTH SUBSTATION
VEGETATION MANAGEMENT
SITE PLAN

DIST SALEM REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
MONM	SEP	A1	1 OF 1	Ø

TRIM LINE
TRIM LINE
••DATE••

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

LANDSCAPING - INCLUDES AREAS WITH LAWNS REQUIRING FERTILIZATION AND BROADLEAF CONTROL, AS WELL AS ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL. PRIMARY METHODS INCLUDE MANUAL AND MECHANICAL VEGETATION CONTROL, AND SPOT CHEMICAL APPLICATIONS FOR BROAD LEAF CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

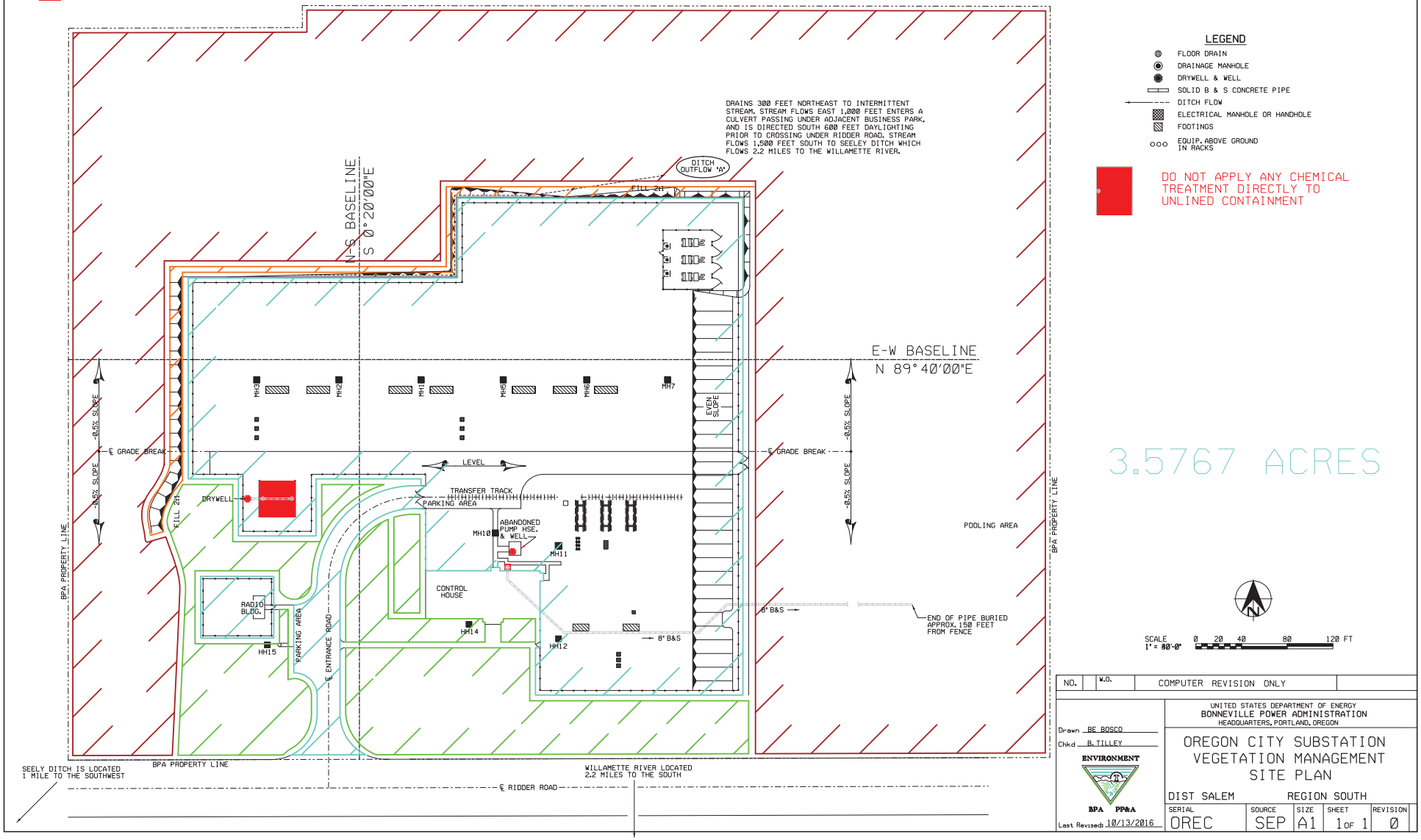
SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

B. DRINKING WATER WELL/SOURCE

I. MAINTAIN A 50' RADIUS BUFFER AROUND WELL/SOURCE. UTILIZE NON-HERBICIDE METHODS WITHIN BUFFER. IF OTHERWISE NOTED, NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES MAY BE APPLIED WITHIN THE BUFFER.
II. MAINTAIN A 164' RADIUS BUFFER AROUND WELL/SOURCE IF UTILIZING PRODUCTS THAT HAVE A SURFACE AND/OR GROUND WATER LABEL ADVISORY.



LEGEND

- FLOOR DRAIN
- DRAINAGE MANHOLE
- DRYWELL & WELL
- SOLID B & S CONCRETE PIPE
- DITCH FLOW
- ELECTRICAL MANHOLE OR HANDHOLE
- FOOTINGS
- EQUIP. ABOVE GROUND IN RACKS

DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO UNLINED CONTAINMENT

3.5767 ACRES

SCALE 1" = 80'-0" 0 20 40 80 120 FT

NO.	W.O.	COMPUTER REVISION ONLY

Drawn BE BOSCO
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised: 10/13/2016

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

OREGON CITY SUBSTATION VEGETATION MANAGEMENT SITE PLAN

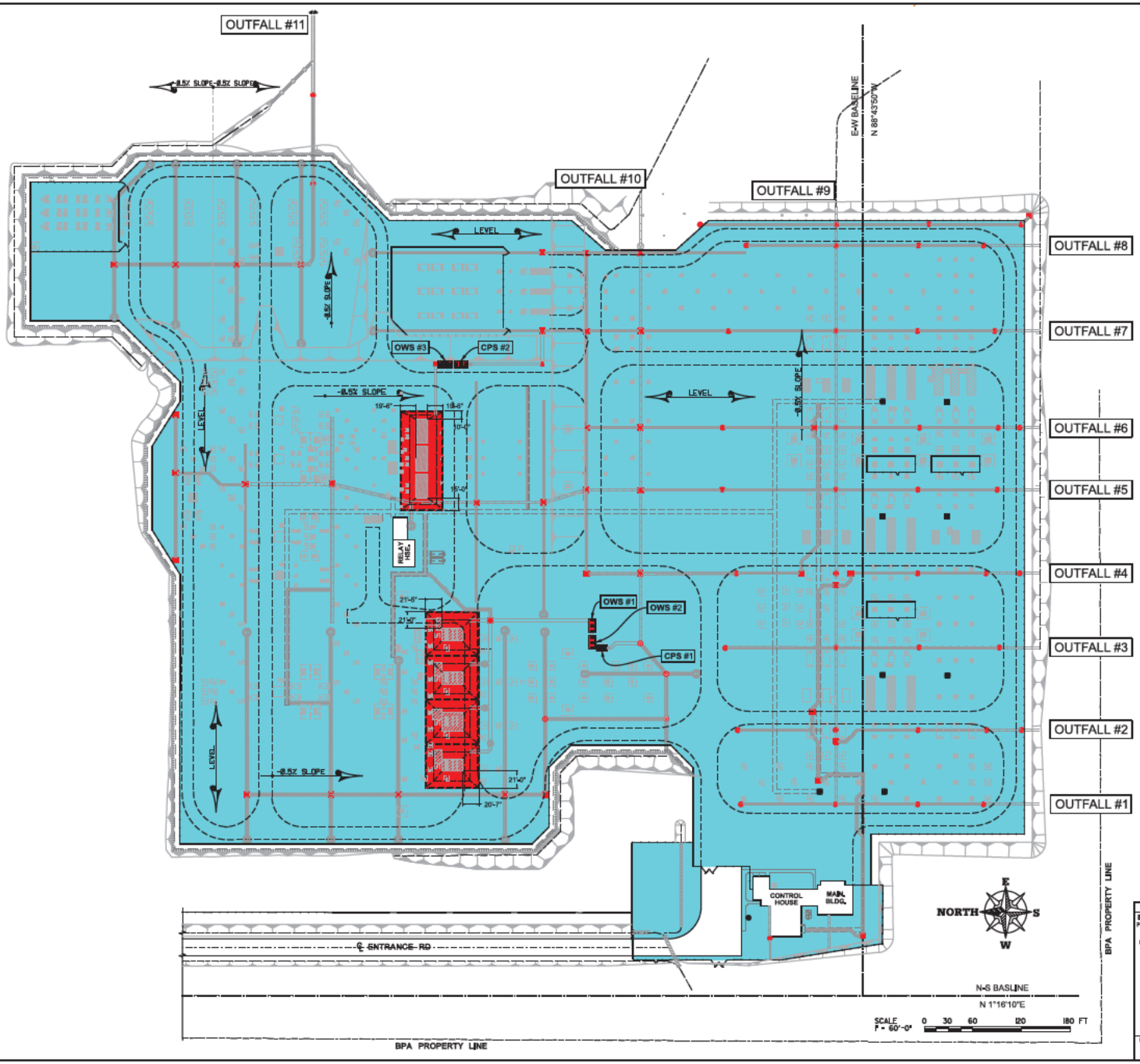
DIST SALEM REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
OREC	SEP	A1	1 OF 1	Ø

••DATE••

TRIM LINE

TRIM LINE



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

19.3 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

PEARL SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_SALEM Region_SOUTH

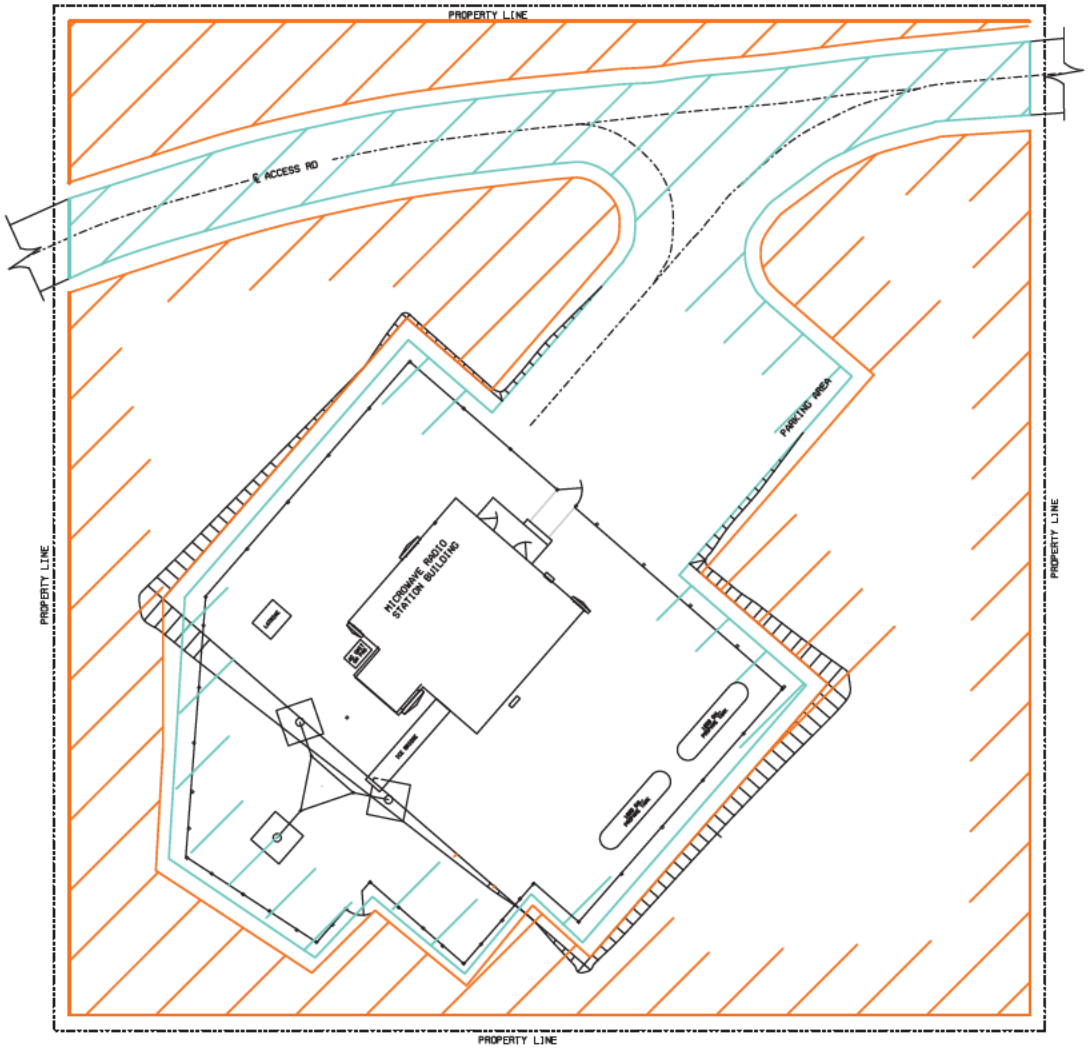
DATE REVISED:	SOURCE	SIZE	SUBSA	SHEET
3/30/2023	SEP	BPA A1	PERL_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

LEGEND
- SITE FENCE
- SITE PROPERTY LINE
- BUILDINGS
- TOWER
- FOOTINGS



2.6638 ACRES

SCALE NTS 0 5 10 20 30 FT

NO.	W.O.	COMPUTER REVISION ONLY

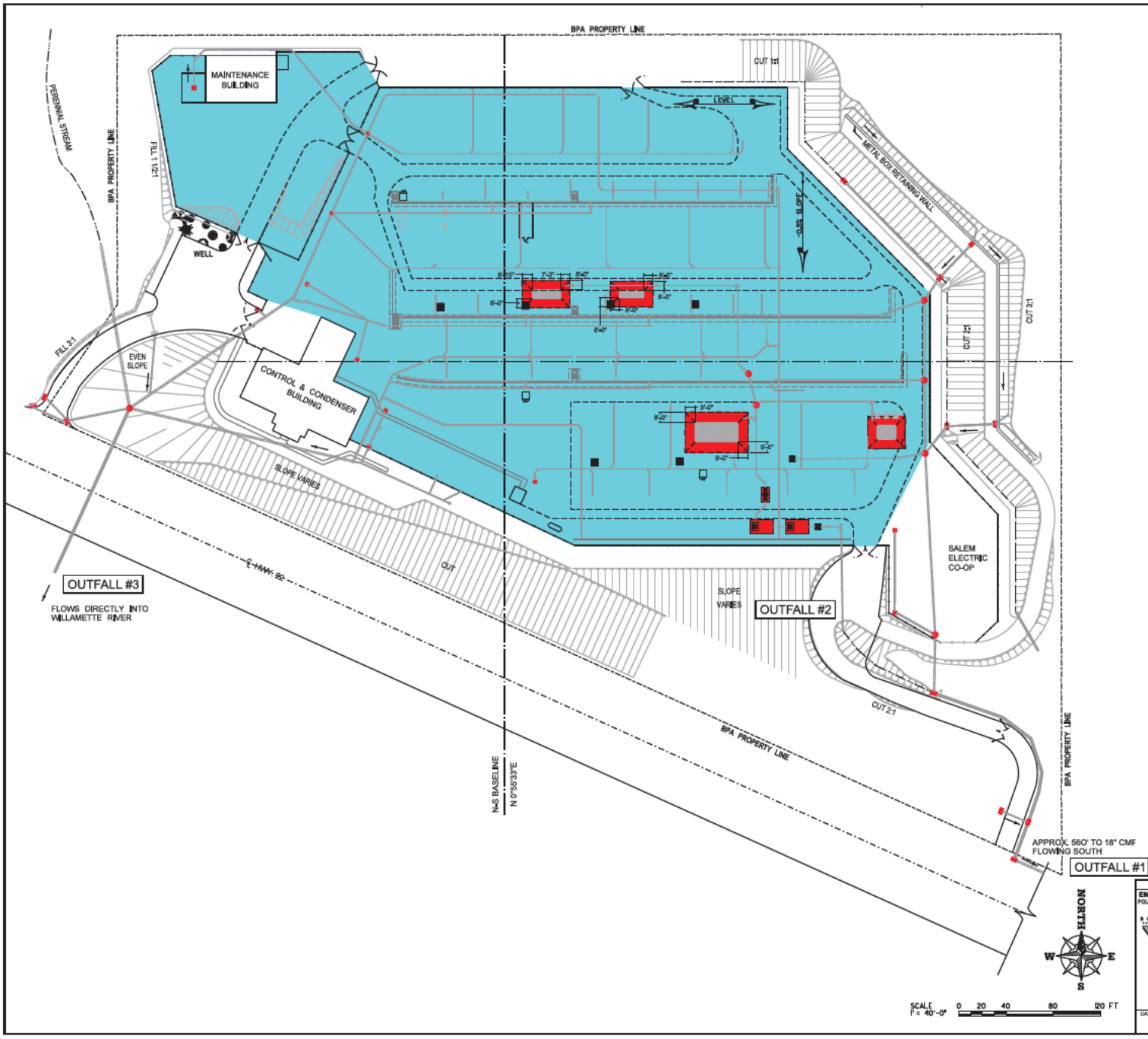
Drawn RF BOSCO
Chkd B. TILLEY
ENVIRONMENT
BPA FP&A
Last Revised 3/21/18

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

PROSPECT HILL RADIO STATION
VEGETATION MANAGEMENT
SITE PLAN

DIST SALEM REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
PROH	SEP	A1	1 OF 1	Ø



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

4.3 ACRES (APPROXIMATE)

ALL OTHER AREAS

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SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

SALEM SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_SALEM Region_SOUTH

DATE REVISED:	SOURCE	SITE	SHEET	SHEET
7/5/2023	SEP	BPA A1	SALE_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

LANDSCAPING - INCLUDES AREAS WITH LAWNS REQUIRING FERTILIZATION AND BROADLEAF CONTROL, AS WELL AS ORNAMENTAL SHRUBS REQUIRING WEED CONTROL IN BARK MULCH OR GRAVEL. PRIMARY METHODS INCLUDE MANUAL AND MECHANICAL VEGETATION CONTROL, AND SPOT CHEMICAL APPLICATIONS FOR BROAD LEAF CONTROL.

XERISCAPING - INCLUDES AREAS DESIGNED FOR MINIMAL MAINTENANCE AND WATER USE. SEE ATTACHED XERISCAPE PLAN FOR SPECIFIC FACILITY.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS, MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
I. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

B. DRINKING WATER WELL/SOURCE

I. MAINTAIN A 50' RADIUS BUFFER AROUND WELL/SOURCE. UTILIZE NON-HERBICIDE METHODS WITHIN BUFFER. IF OTHERWISE NOTED, NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES MAY BE APPLIED WITHIN THE BUFFER.
I. MAINTAIN A 164' RADIUS BUFFER AROUND WELL/SOURCE IF UTILIZING PRODUCTS THAT HAVE A SURFACE AND/OR GROUND WATER LABEL ADVISORY.

C. SURFACE WATER PROTECTION

I. DO NOT APPLY ANY CHEMICAL HAVING A SURFACE WATER LABEL ADVISORY DUE TO POTENTIAL PRESENCE OF SURFACE WATER AT OR ADJACENT TO FACILITY.

G. AGRICULTURAL LEASE/LAND MANAGEMENT

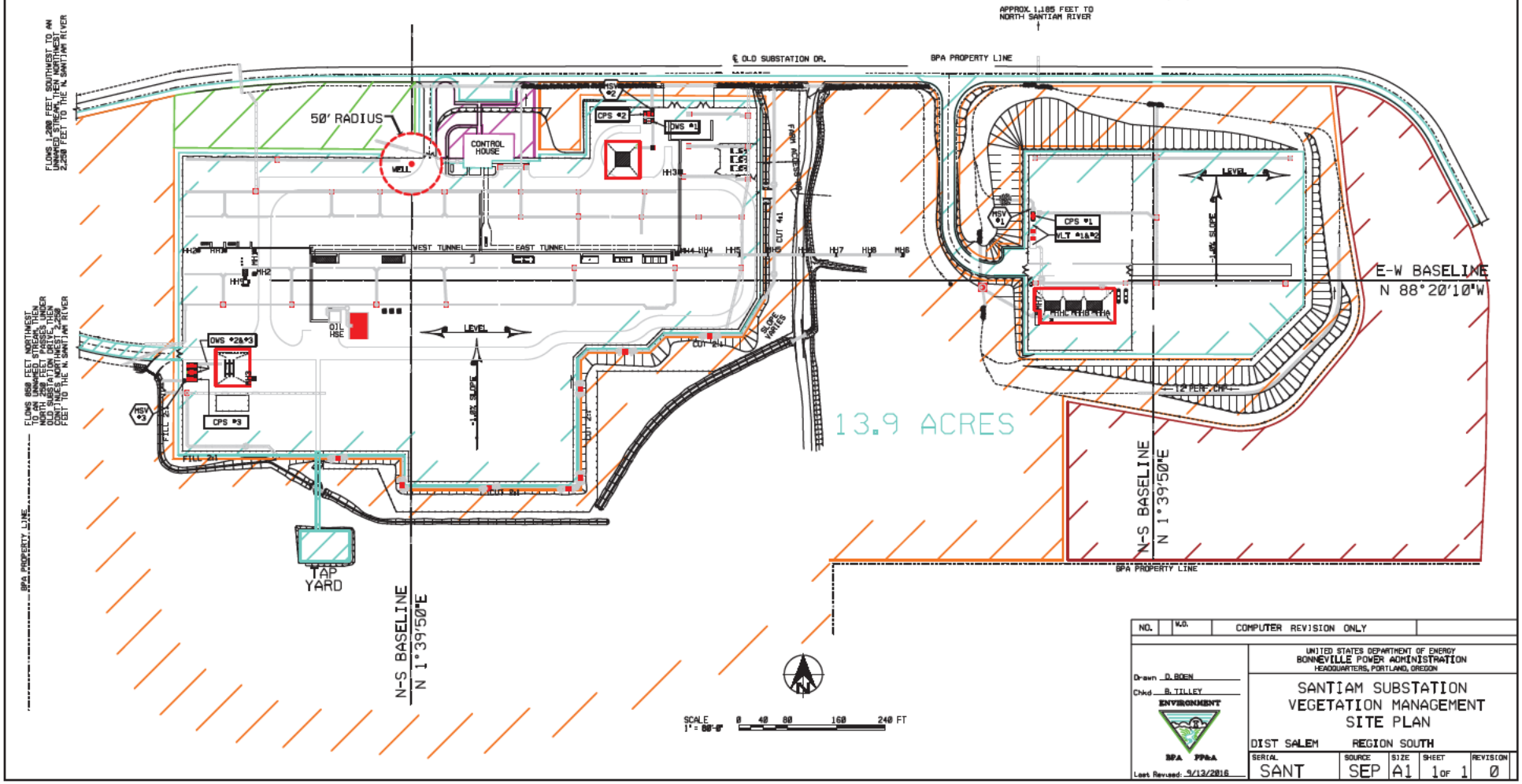
I. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTRICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

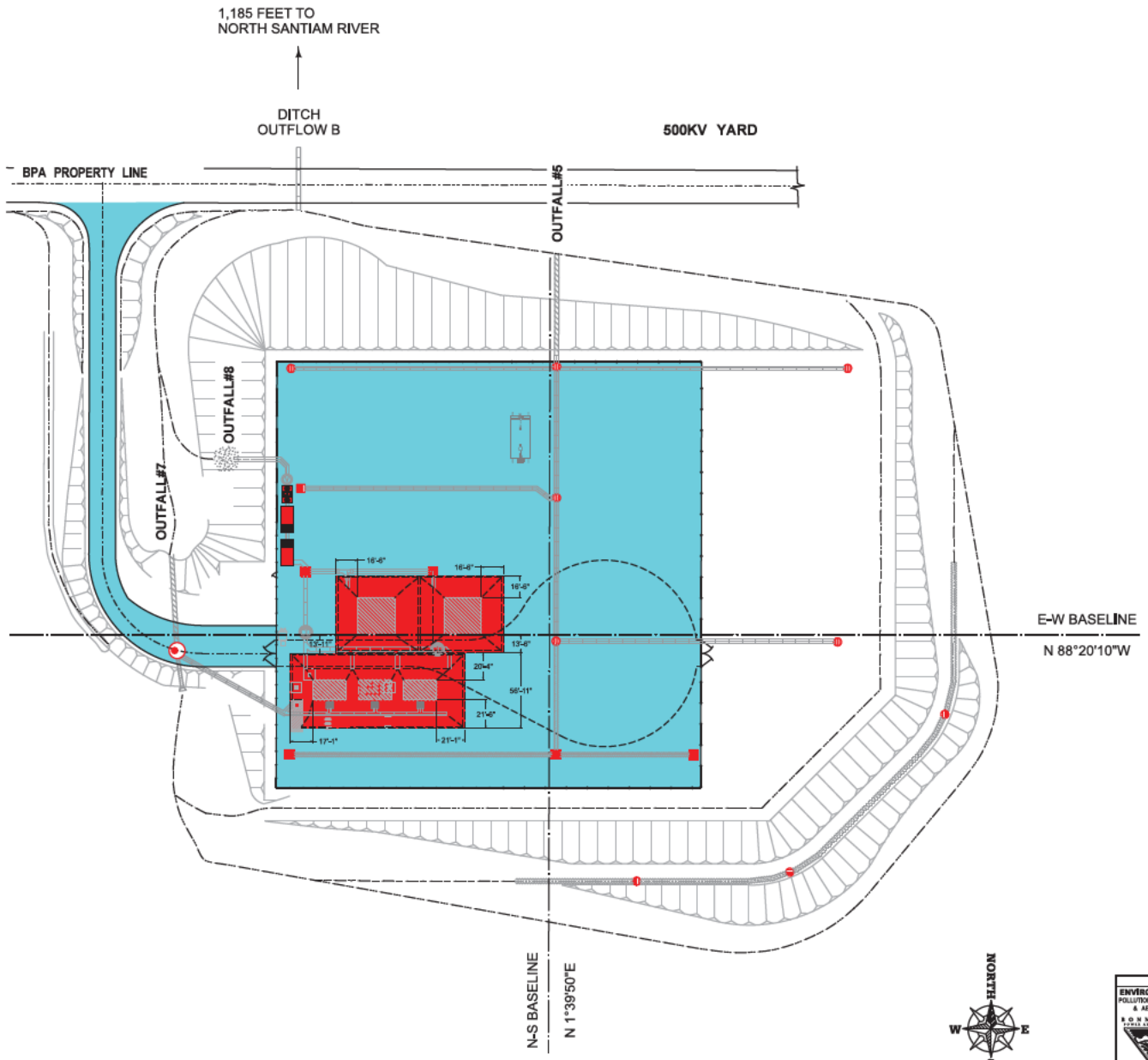
LEGEND

- DRAINAGE CATCH BASIN
- WELL
- DRAINAGE CLEANOUT
- MANHOLE WITH OIL STOP VALVE
- OPEN JOINT CONCRETE PIPE
- PERFORATED R & S CONCRETE PIPE
- SOLID R & S CONCRETE PIPE
- PERFORATED PVC PLASTIC PIPE
- SOLID PVC PLASTIC PIPE
- NON PERFORATED ADS N-12 PIPE (ADS)
- PERFORATED ADS N12 PIPE (ADSP)
- PERFORATED CORRUGATED METAL PIPE
- CORRUGATED METAL PIPE
- DITCH FLOW
- ELECTRICAL MANHOLE OR HANDHOLE
- FOOTINGS
- EQUIPMENT ABOVE GROUND IN RACKS
- MSV MANUAL SHUT-OFF VALVE
- CPS COALESCING PLATE SEPARATOR
- OWS OIL/WATER SEPARATOR
- VLT OIL STORAGE VAULT

OIL CONTAINMENT LINER & FOOTING APPLY NON-SURFACE &/OR NON-GROUND WATER LABEL HERBICIDES DURING DRY PERIOD

DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO LINED CONTAINMENT





VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

10 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

D. GROUNDWATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A GROUND WATER ADVISORY ANYWHERE AT THIS SITE, UNLESS OTHERWISE INDICATED IN SITE SPECIFIC NOTES. (SEE APPROVED HERBICIDE LIST)

G. AGRICULTURAL LEASE/LAND MANAGEMENT

POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES, CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

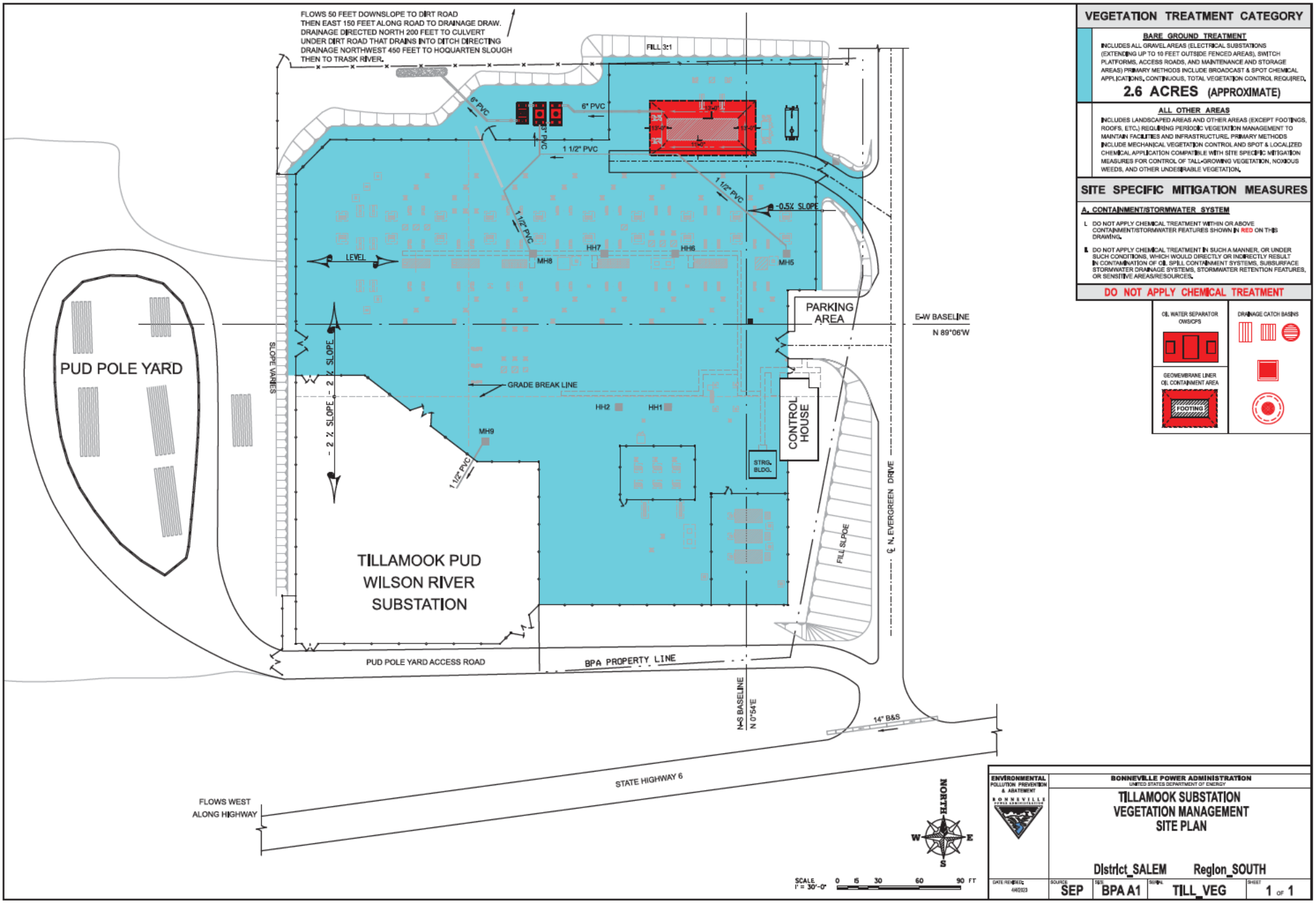
BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

SANTIAM SUBSTATION VEGETATION MANAGEMENT SITE PLAN 500kV YARD

District_SALEM Region_SOUTH

DATE REVISED:	SOURCE	SIZE	SHEET
4/24/2023	SEP	BPA A1	2 OF 2

SUBJECT: SANT_VEG



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

2.6 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

I. DO NOT APPLY CHEMICAL TREATMENT WITHIN OR ABOVE CONTAINMENT/STORMWATER FEATURES SHOWN IN RED ON THIS DRAWING.

II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

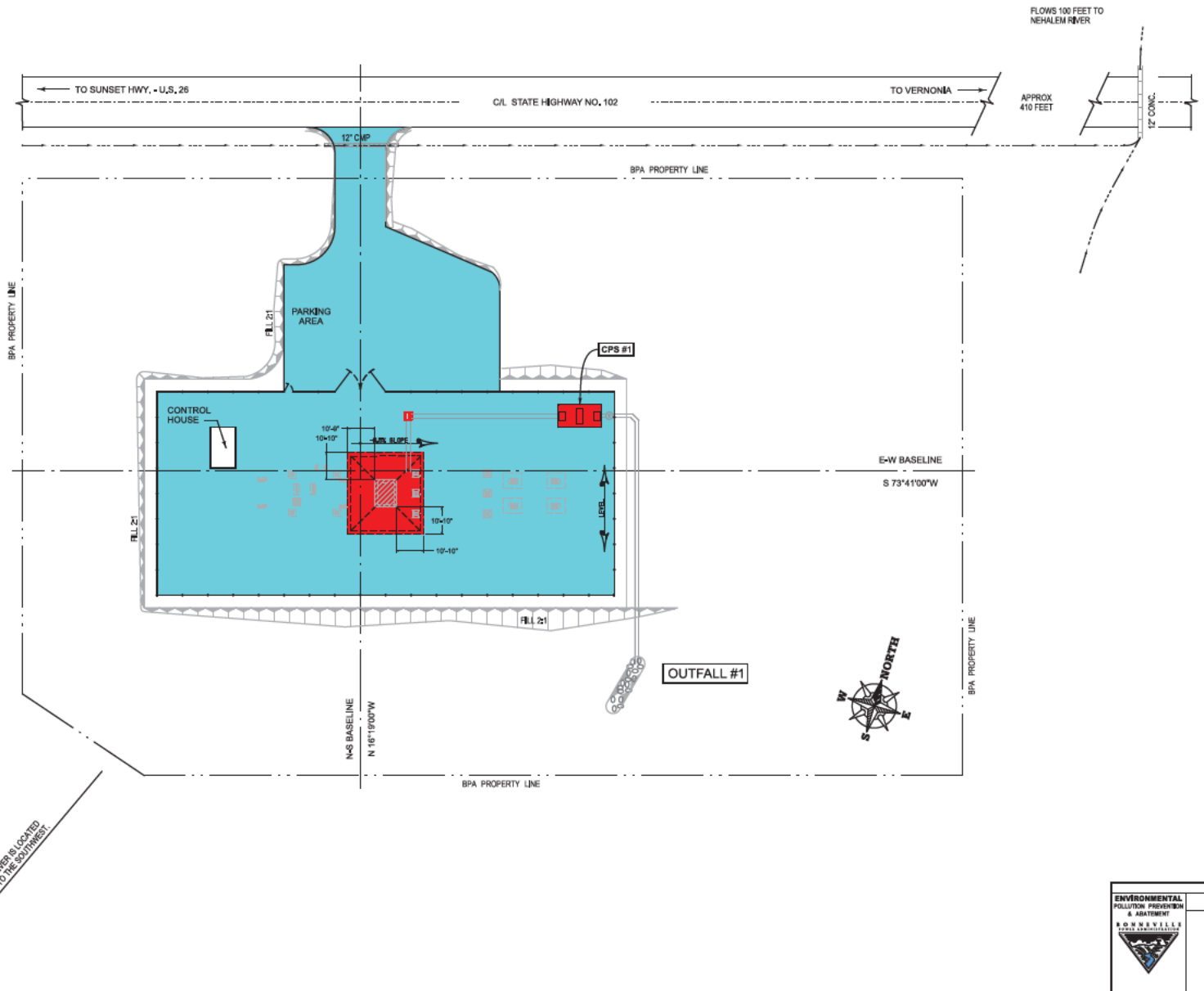
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

TILLAMOOK SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_SALEM Region_SOUTH

DATE REVISED:	SOURCE	SITE	SUBSTA.	SHEET
4/4/2023	SEP	BPA A1	TILL_VEG	1 OF 1



VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.4 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

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II. DO NOT APPLY CHEMICAL TREATMENT IN SUCH A MANNER, OR UNDER SUCH CONDITIONS, WHICH WOULD DIRECTLY OR INDIRECTLY RESULT IN CONTAMINATION OF OIL SPILL CONTAINMENT SYSTEMS, SUBSURFACE STORMWATER DRAINAGE SYSTEMS, STORMWATER RETENTION FEATURES, OR SENSITIVE AREAS/RESOURCES.

DO NOT APPLY CHEMICAL TREATMENT

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

GEOMEMBRANE LINER OIL CONTAINMENT AREA

FOOTING

SCALE 1" = 20'-0" 0 10 20 40 60 FT

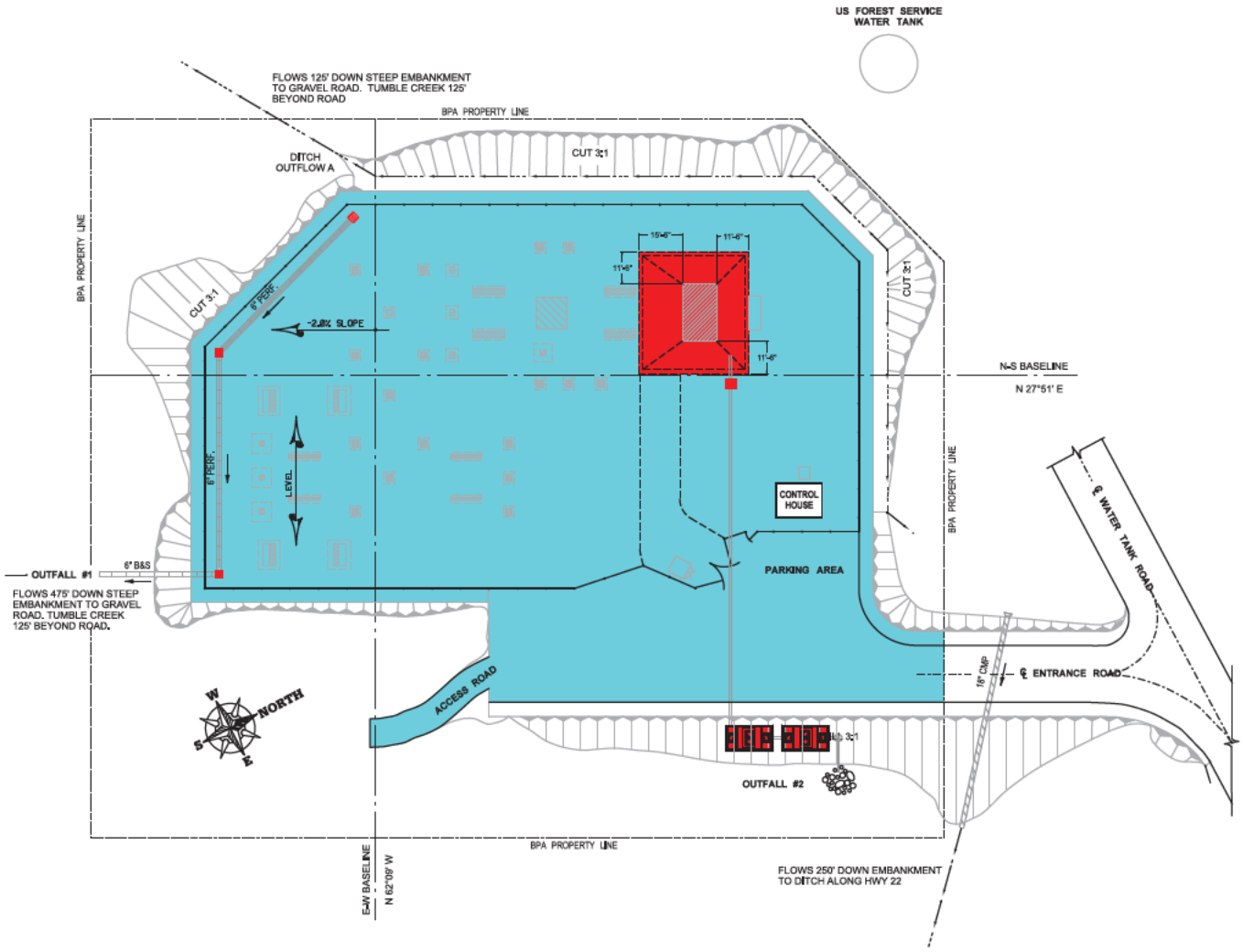
ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

TIMBER SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_SALEM Region_SOUTH

DATE REVISED:	SOURCE	SITE	SIGNAL	SHEET
4/4/2023	SEP	BPA A1	TIMB_VEG	1 OF 1



SCALE 1" = 20'-0" 0 10 20 40 60 FT

VEGETATION TREATMENT CATEGORY

BARE GROUND TREATMENT

INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS) PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS, CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

0.9 ACRES (APPROXIMATE)

ALL OTHER AREAS

INCLUDES LANDSCAPED AREAS AND OTHER AREAS (EXCEPT FOOTINGS, ROOFS, ETC.) REQUIRING PERIODIC VEGETATION MANAGEMENT TO MAINTAIN FACILITIES AND INFRASTRUCTURE. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL AND SPOT & LOCALIZED CHEMICAL APPLICATION COMPATIBLE WITH SITE SPECIFIC MITIGATION MEASURES FOR CONTROL OF TALL-GROWING VEGETATION, NOXIOUS WEEDS, AND OTHER UNDESIRABLE VEGETATION.

SITE SPECIFIC MITIGATION MEASURES

A. CONTAINMENT/STORMWATER SYSTEM

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D. GROUNDWATER PROTECTION

DO NOT APPLY ANY CHEMICAL LABELED WITH A GROUND WATER ADVISORY ANYWHERE AT THIS SITE, UNLESS OTHERWISE INDICATED IN SITE SPECIFIC NOTES. (SEE APPROVED HERBICIDE LIST)

G. AGRICULTURAL LEASE/LAND MANAGEMENT

POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES, CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.

DO NOT APPLY CHEMICAL TREATMENT

GEOMEMBRANE LINER OIL CONTAINMENT AREA — FOOTING

OIL WATER SEPARATOR OWS/CPS

DRAINAGE CATCH BASINS

ENVIRONMENTAL POLLUTION PREVENTION & ABATEMENT

BONNEVILLE POWER ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

TUMBLE CREEK SUBSTATION VEGETATION MANAGEMENT SITE PLAN

District_SALEM Region_SOUTH

DATE REVISED:	SOURCE	SITE	SIGNAL	SHEET
4/24/2023	SEP	BPA A1	TUMB_VEG	1 OF 1

VEGETATION MANAGEMENT KEY

BARE GROUND TREATMENT - INCLUDES ALL GRAVEL AREAS (ELECTRICAL SUBSTATIONS (EXTENDING UP TO 10 FEET OUTSIDE FENCED AREAS), SWITCH PLATFORMS, ACCESS ROADS, AND MAINTENANCE AND STORAGE AREAS). PRIMARY METHODS INCLUDE BROADCAST & SPOT CHEMICAL APPLICATIONS. CONTINUOUS, TOTAL VEGETATION CONTROL REQUIRED.

FIELD GRASS/COVER CROP - INCLUDES AREA ADJACENT TO ELECTRICAL SUBSTATION FENCES (TO MAINTAIN GROUND MAT CLEARANCE OUTSIDE FENCE), AS WELL AS THE GREATER GROUNDS OF ELECTRICAL AND NON-ELECTRIC FACILITIES FOR FIRE PREVENTION, SECURITY, AND AESTHETICS. PRIMARY METHODS INCLUDE MECHANICAL VEGETATION CONTROL, SPOT & LOCALIZED CHEMICAL APPLICATION FOR BROAD LEAF & NOXIOUS WEED CONTROL.

NON- ELECTRIC & ROW AREAS - AREAS NOT MAINTAINED OTHER THAN MECHANICAL CONTROL OF NOXIOUS WEEDS AND DANGER TREE REMOVAL. ALL METHODS APPLICABLE IN THESE AREAS. MAY OVERLAP WITH NRS ROW VEGETATION PLAN.

RESTRICTED VEGETATION MANAGEMENT - SITE-SPECIFIC MITIGATIONS TO PROTECT OTHER SENSITIVE RESOURCES. SEE MITIGATION KEY FOR FURTHER INSTRUCTIONS. MAY REQUIRE NON-CHEMICAL METHODS AND BUFFERS FOR COMPLIANCE.

SITE -SPECIFIC MITIGATION MEASURES

A. STORMWATER (SW) CONTAINMENT SYSTEM

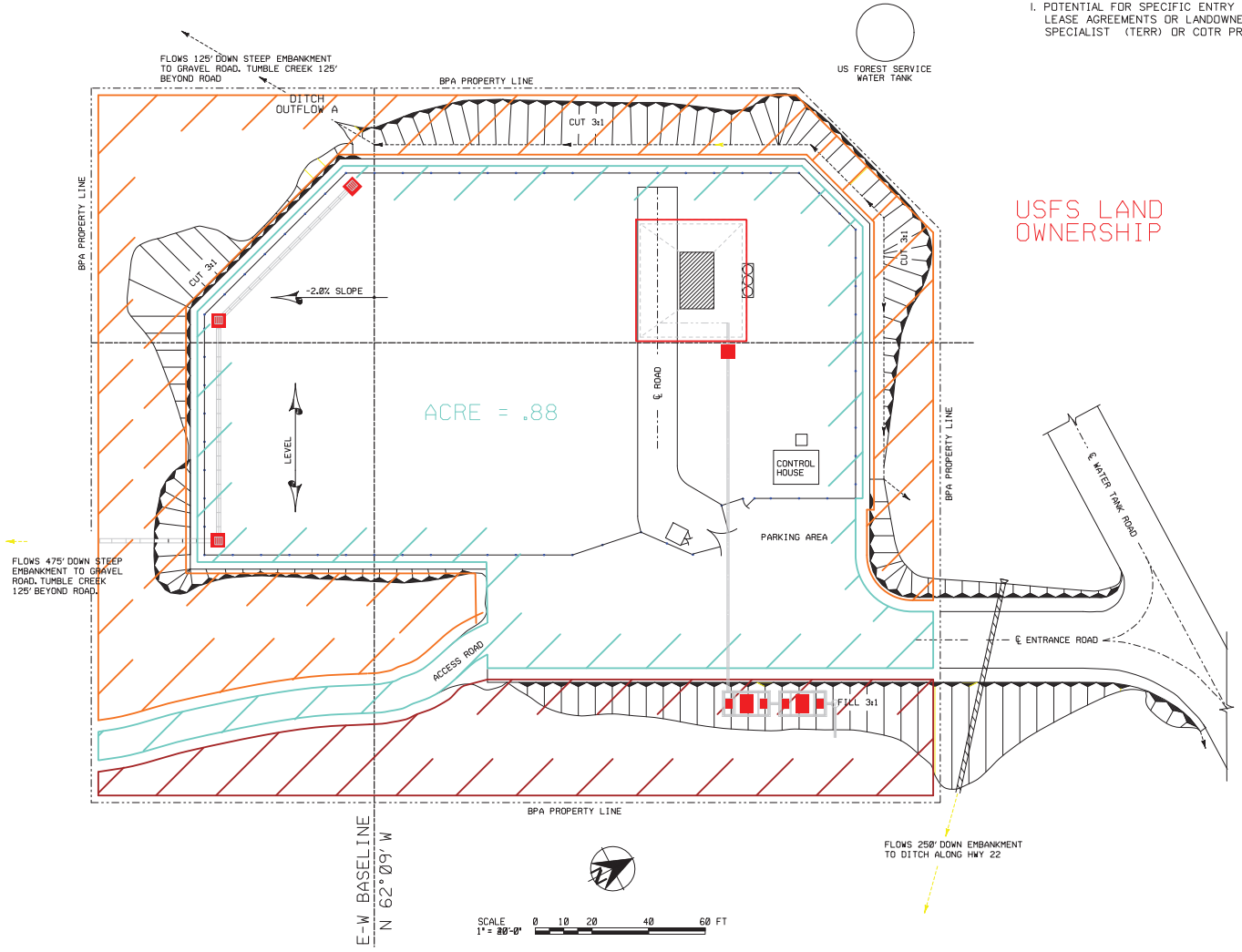
I. PRESENCE OF SW FEATURES, INCLUDING: SECONDARY CONTAINMENT LINERS, PONDS, VAULTS, AND STORM DRAINS.
II. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES UP TO EDGE OF SW FEATURE, INCLUDING CATCH BASINS AND CONTAINMENT VAULT LIDS.
III. APPLY TREATMENT OF NON-SURFACE &/OR GROUND WATER LABEL ADVISORY HERBICIDES ABOVE SECONDARY CONTAINMENT LINERS LOCATED WITHIN FENCED SUBSTATIONS UNDER GRAVEL DURING DRY PERIODS ONLY. DO NOT APPLY ANY CHEMICAL TREATMENT DIRECTLY TO AN EXPOSED CONTAINMENT LINER (I.E. POND/LAGOON OR CONCRETE LINER).

D. GROUND WATER PROTECTION

I. DO NOT APPLY ANY CHEMICAL HAVING GROUND WATER LABEL ADVISORY DUE TO POTENTIAL FOR GROUND WATER CONTAMINATION.

G. AGRICULTURAL LEASE/LAND MANAGEMENT

I. POTENTIAL FOR SPECIFIC ENTRY REQUIREMENTS AND RESTRICTED TREATMENT PRESCRIPTION(S) DUE TO LEASE AGREEMENTS OR LANDOWNER MANAGEMENT OBJECTIVES. CONTACT BPA DISTRICT REALTY SPECIALIST (TERR) OR COTR PRIOR TO ENTRY.



LEGEND

- DRAINAGE CATCH BASIN
- PERFORATED B & S CONCRETE PIPE
- SOLID B & S CONCRETE PIPE
- CORRUGATED METAL PIPE WITH FLARRED END
- DITCH FLOW
- FOOTINGS

OIL CONTAINMENT LINER, & FOOTING APPLY NON-SURFACE &/OR NON-GROUND WATER LABEL HERBICIDES DURING DRY PERIOD

NO.	W.O.	COMPUTER REVISION ONLY

Drawn BE BOSCO
Chkd B. TILLEY
ENVIRONMENT
BPA PP&A
Last Revised 9/29/16

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

TUMBLE CREEK SUBSTATION VEGETATION MANAGEMENT SITE PLAN

DIST SALEM REGION SOUTH

SERIAL	SOURCE	SIZE	SHEET	REVISION
TUMB31	EP	A1	1 OF 1	Ø

••DATE••
TRIM LINE
TRIM LINE

Read Tap



Walnut City Tap



South Tap



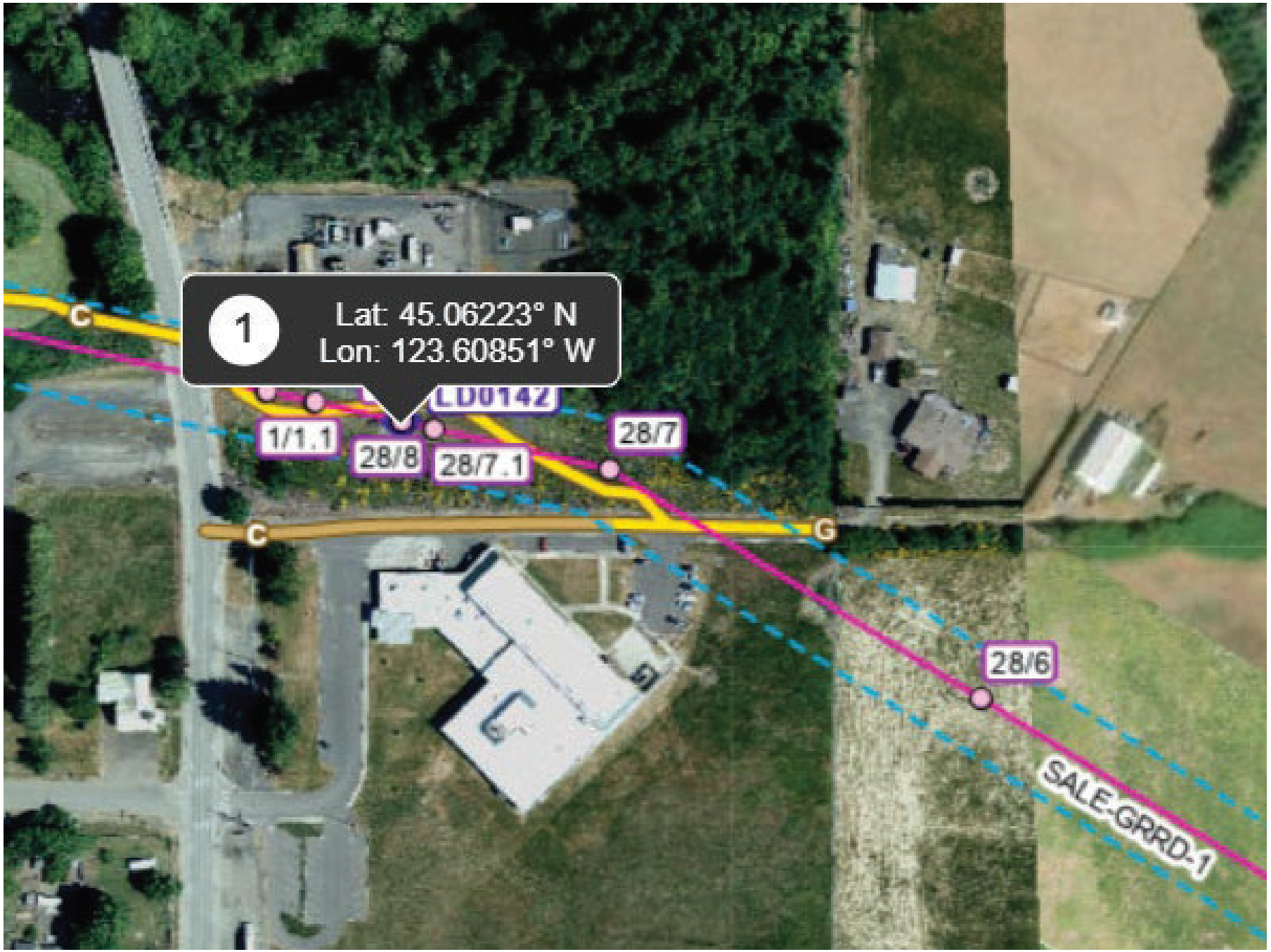
South Fork Tap



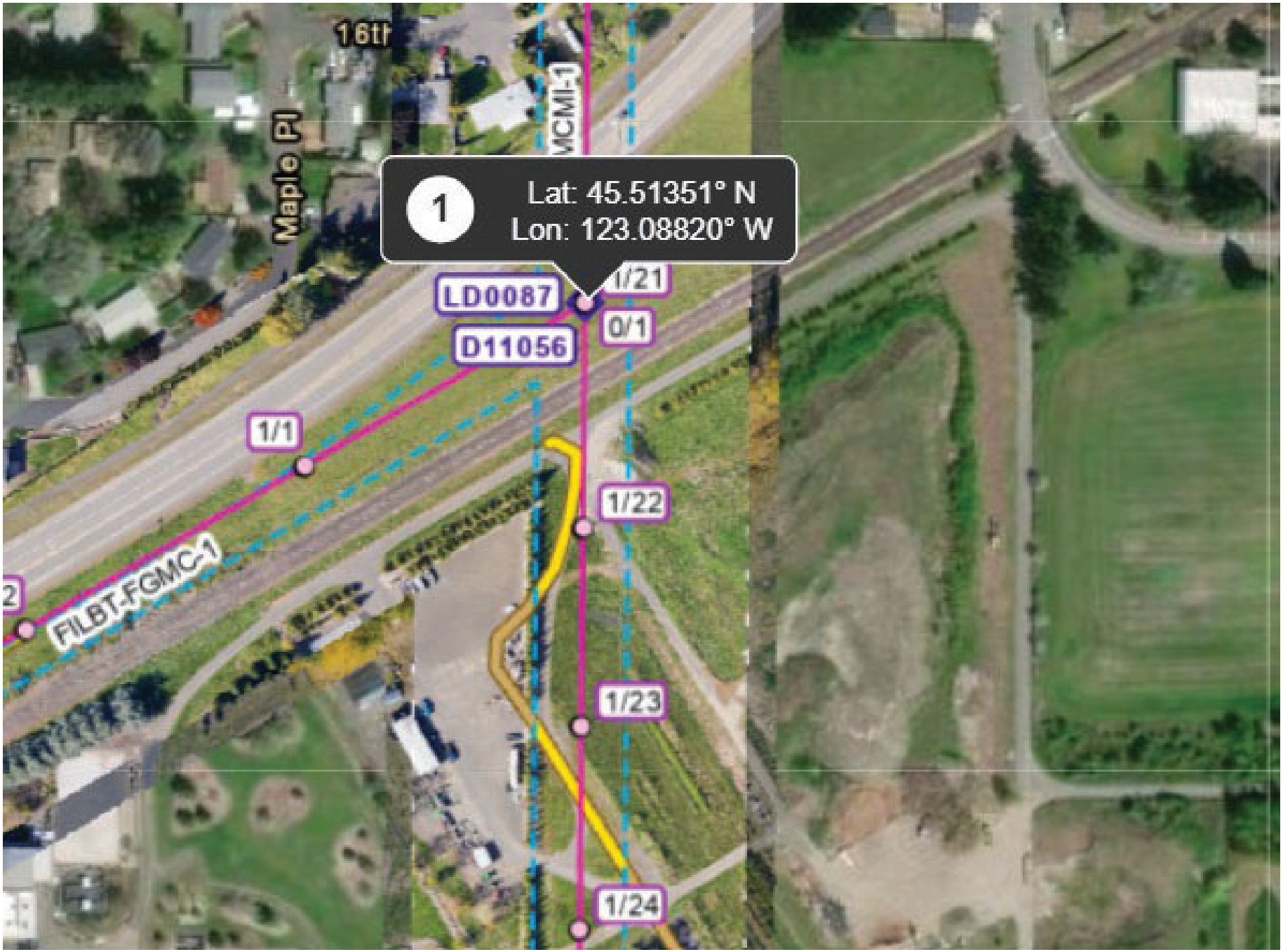
Nestucca Tap



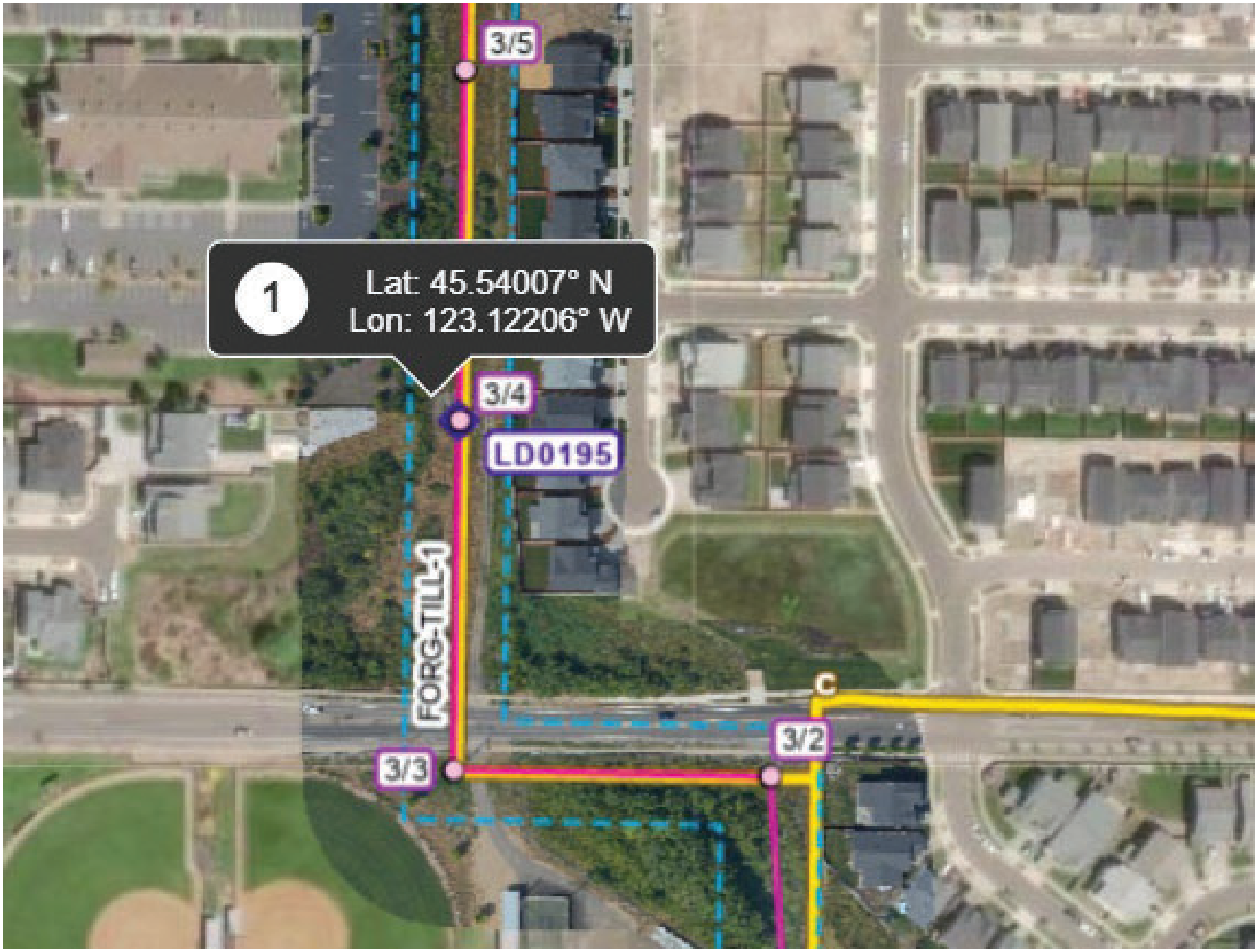
GB Bypass Disconnect

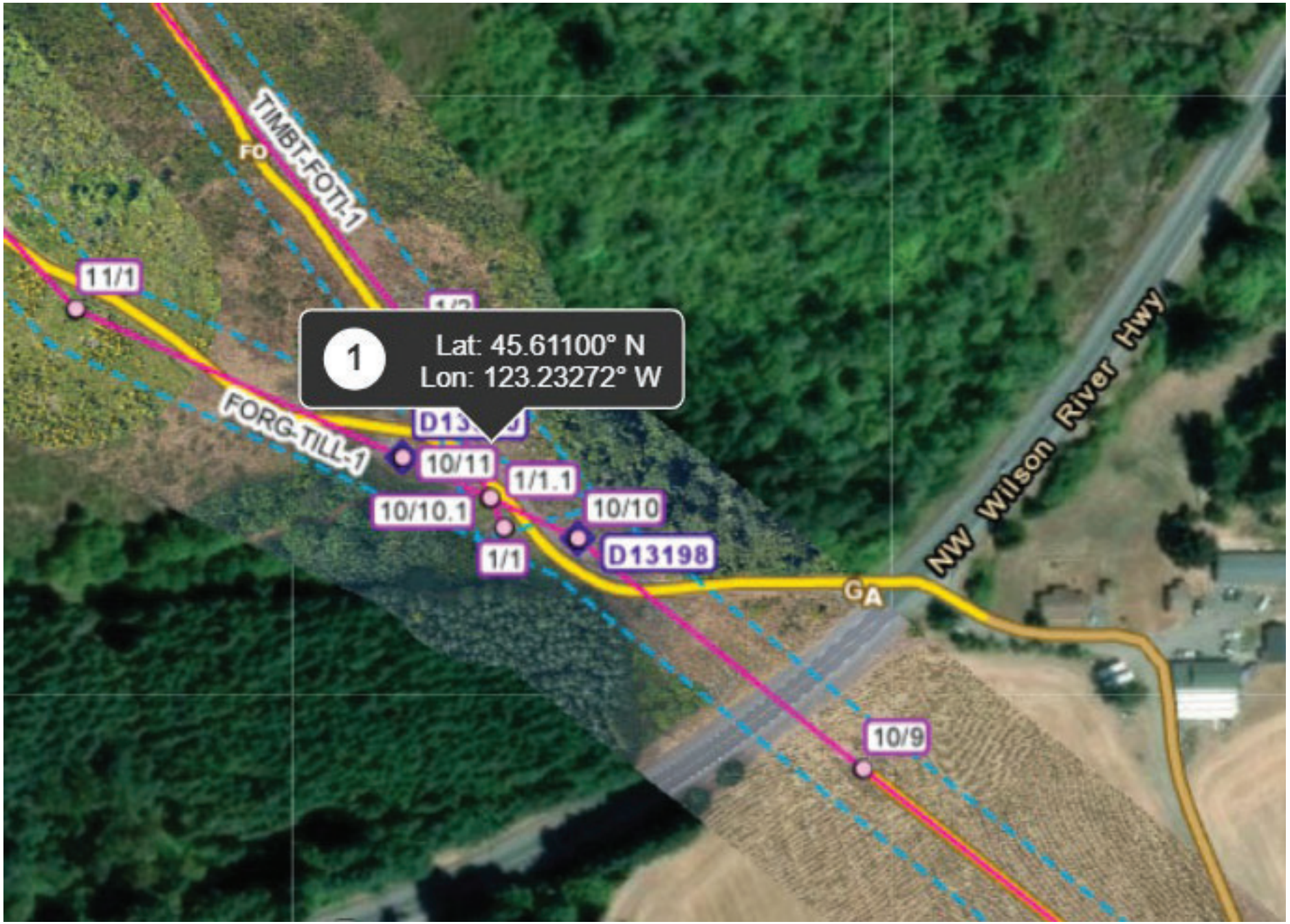


Filbert Tap


16th
Maple Pl
MCMI-1
1
Lat: 45.51351° N
Lon: 123.08820° W
LD0087
1/21
0/1
D11056
1/1
1/22
FILBT-FGMC-1
1/23
1/24

Thatcher Junction B-818

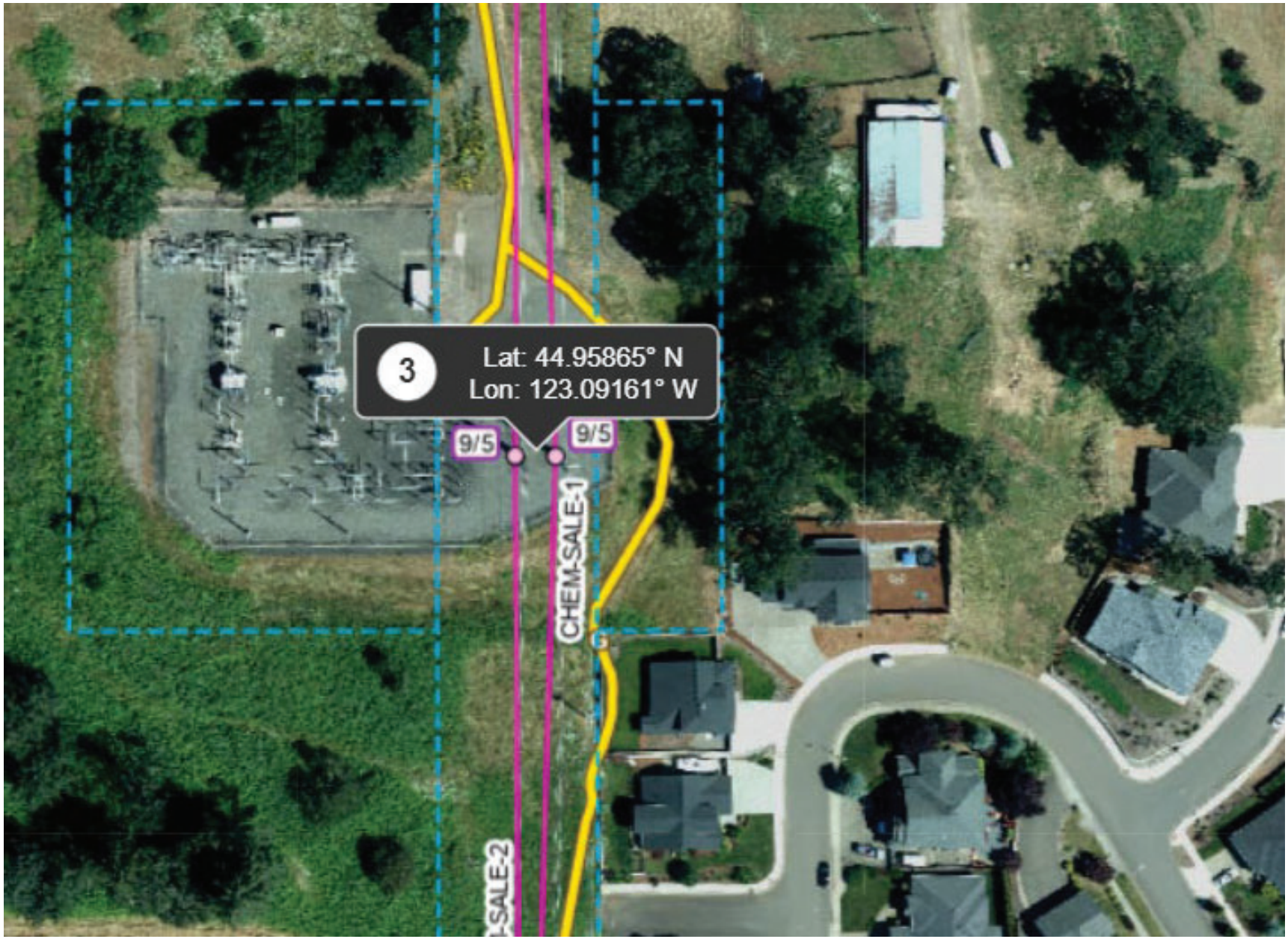



TIMBT-FOTI-1
FO
11/1
1
Lat: 45.61100° N
Lon: 123.23272° W
FORG-TILL-1
10/11
1/1.1
10/10.1
10/10
1/1
D13198
NW Wilson River Hwy
10/9

Adair Tap


2
Lat: 44.70603° N
Lon: 123.19839° W
21/5
1/4
21/7
ADART-SAAL-2
21/8
D14625
SALE-ALBA-2
21/9

Hughes Tap



Mt Hebo Radio Site



U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT/ORDER

OMB

PAPERWORK REDUCTION ACT BURDEN DISCLOSURE STATEMENT

This data is used to amend a solicitation or modify a contract or order. This form will assist in ensuring all changes are applied appropriately. Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching for existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send any comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Office of the Chief Information Officer, Enterprise Policy Development & Implementation Office, IM-22, Paperwork Reduction Program (OMB) US Department of Energy, 1000 Independence Ave, SW, Washington, DC 20585-1290; and to the Office of Management & Budget (OMB), OIRA, Paperwork Reduction Project (OMB), Washington, DC 20503.

1. Solicitation/Contract/Order Number:	2. Amendment/Modification Number:
BPA - 19 - C - 81891	BPA - 21 - M - 003

3. Effective Date:	4. Requisition/Purchase Req Number *(used for COOP event only)*:	5. Contract Specialist *(Name, Phone, Email)*:
09/01/2021		Holtcamp Jr, Terry A (BPA) - NSSV-4400-2 taholtcamp@bpa.gov.

AMENDMENTS OF SOLICITATIONS

6. The above numbered solicitation is amended as set forth in Item 12. The hour and date specified for receipt of Offers,
☐ is extended to ☐ is not extended.

Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation. If a signature is requested in Item 11, acknowledge this amendment by completing Items 13 and 14 and returning the amendment with your proposal. Failure of your acknowledgment to be received at the place designated for the receipt of proposal prior to the hour and date specified may result in rejection of your proposal. If by virtue of this amendment you desire to change a proposal already submitted, such a change must be received prior to the due date and hour specified in the solictation.

MODIFICATIONS OF CONTRACTS/ORDERS (Modifies the contract/order as described in item 12.)

CHECK ONE	
☑	7. This unilateral modification is issued pursuant to: (*specify authority below*). The changes set forth in item 12 are made in the Contract/Order in Item 1. 7-40, Option to Extend the Term of the Contract.
☐	8. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, spelling correction, etc.)* set forth in item 12 pursuant to the authority of BPI Part 14.10.3(b)(1).
☐	9. Bilateral/Other (*specify authority*):

10. Accounting and Appropriation Data *(used for COOP event only)*:

IMPORTANT 11. Contractor ☑ is not, ☐ is required to sign this document and return via email to the Contract Specialist.

12. Description of Amendment/Modification (*Attach additional documentation if needed and state SEE CONTINUATION SHEET.*)

The purpose of this modification is to Exercise Option Year 002 which extends the period of performance dates to 09/01/2021 through 08/31/2022. As a result of exercising Option Year 002, the contract price is increased by $300,185.00 from $898,155.00 to $1,198,340.00.

Except as provided herein, all terms and conditions of the document referenced in Item 1 or 2 remain unchanged.

13. Company Name:
NC Services

14a. Name, Phone and Title of Signer:		15a. Name of Contracting Officer:	
14b. Contractor/Offeror By: _____ (*Signature of person authorized to sign*)	14c. Date Signed:	15b. Signature of Contracting Officer TERRY By: HOLTCAMP Digitally signed by TERRY HOLTCAMP Date: 2021.08.19 16:06:34 -07'00' (*Signature of Contracting Officer*)	15c. Date Signed:

B. SCHEDULE OF ITEMS/CONTINUATION PAGE

Line Item No.	Description	Quantity	Unit	Unit Price	Amount
0001	BARE GROUND TREATMENTS AREAS 2, 3, 6 & 7.	1	Job	Each	$300,185.00
			TOTAL - All Items		$300,185.00

C. SUBMISSION OF INVOICES & CONTACT INFORMATION

1. **Invoices should be sent electronically to**:

Vegmgmt <Vegmgmt@bpa.gov> & jlknoellinger@bpa.gov

2. **Payment Terms**:

Net 15

3. **Bonneville Contact Information:**

Bonneville Office: Bonneville Power Administration
Attention: Strombom,Jennifer L (BPA) - TFBV-CHEMAWA
Contact Email: <jlknoellinger@bpa.gov>

4. **Contractor Contact Information:**

Company Name: NC Services
Attention: (b) (6)

D. DELIVERY INFORMATION

Line Item No.	Period of Performance/ Delivery Date	Quantity	Unit	Delivery Terms	Ship To Address or Place of Performance
0001	8/31/2022	1.00	Job	Block 11	See SOW/SOP.

Special Delivery Instructions:

E. INSPECTION AND ACCEPTANCE TERMS

All line item(s) in Section B will be inspected and accepted by the COR at the address specified in Section C unless otherwise stated in the table below.

Line Item No.	Inspection At/Inspection By		Acceptance At/Acceptance By		Additional Info
0001	Government	Government	Government	Government	

F. ATTACHMENTS

	Description
F1	Statement of Work.
F2	Commerical Terms and Conditions.
F3	Wage Determinations: See Terms and Conditions.
F4	Schedule of Prices: See Terms and Conditions.
F5	NA.

Bonneville Power Administration Bare Ground Vegetation Control.

Statement of Work.

Substations, Switchyards, Microwave Sites, and other identified areas.

Section 1: GENERAL

This contract is for the implementation of the bare ground vegetation management program for facilities located within the Bonneville Power Administration's (BPA) identified regional service areas:

Area 2: Olympia and Longview Districts,
Area 3: Salem, Eugene, and North Bend Districts,
Area 6: Kalispell District
Area 7: Idaho Falls District

The Contractor will be responsible for providing a continual, vegetation-free environment at these facilities. The contractor shall be the professional resource to apply and determine where the most practical and effective treatment combinations are required, within the parameters of this document, to achieve a vegetation-free environment. The contractor will provide all follow-up reviews and inspections to assure that this contract is performed to the standards contained herein.

Section 2: TECHNICAL

1. The Contractor shall furnish all equipment, tools, and **herbicides**; drift control agents, additives, supplies, transportation and labor required for the successful execution of this contract, according to the specifications, provisions and attachments contained herein.

2. The Contractor shall apply herbicides (and other approved necessary products/methods) to the list of facilities identified in this Statement of Work (SOW). Facilities include substations, microwave sites, and field switch platform locations. The Contractor shall not sub-contract herbicide application under this contract.

3. The Contractor shall use the appropriate herbicide regime to manage all vegetation in areas identified as bare ground or gravel (in blue highlight) in drawings that will be supplied to contractor with award documents. The primary treatment method will be broadcast residual herbicide application. This does not preclude the use of other methods of vegetation management. Foliar herbicide, manual, mechanical and other methods may be needed to satisfy the requirements of this contract. Several facilities have sensitive environmental resources on or adjacent to the facility, and can be located on federal lands that may have further restrictions on the use of residual herbicides. The Contractor will develop a program under those limitations so that a vegetation-free environment can be maintained.

4. At substations, the Contractor shall apply all herbicide products inside the substation fence and an additional 10 foot perimeter outside the fence. Where high-security perimeter fencing prevents spraying through the fence, the Contractor shall spray the 10 foot perimeter from outside the fence. The contractor is to ensure that the herbicide products do not spray beyond the exterior 10 foot distance. At switchyard platforms, vegetation will be managed to eliminate contact with the ground mat, and may include driveways, parking areas, and field switching areas. Acreages at each switch platform location will vary.

5. The Contractor shall obtain all necessary licenses and permits. Herbicide applicator employees shall have appropriate State Herbicide Applicator's License(s).

6. When available, Contractor will use BPA supplied safety watcher. The Contractor shall contact the District's Chief Substation Operator at least 60 days prior to treatments (exception for base year in which case within two weeks (2) after contract award, and no less than 45 days prior to commencing work) to schedule a BPA supplied safety watcher if available as determined by the Chief Substation Operator.

7. A BPA representative (Substation Operator) or contract safety watcher, approved by the Contracting Officer's Representative (COR) at each site, will provide access to each facility (some facilities, such as switch platforms, may be publicly accessible). Some electrical equipment (Capacitor yards) within substation grounds may require a clearance prior to applications being performed. The contractor shall coordinate with the Chief Operator of the district to determine appropriate schedules and clearances.

8. All herbicide application work shall be completed by, or under the supervision of, an individual with a valid herbicide license as required by state law, and provide the license upon request for BPA inspection. A copy of this license shall be furnished to the COR prior to starting work. The Contractor shall conduct all operations and public contacts in a manner creditable to the Government and the Contractor.

9. The COR or Field Inspector will meet or make contact with the contract supervisor to discuss activities and the plans for treatment. No work will be performed on the weekends and/or holidays, unless special conditions require work outside of normal hours, and with the approval of the COR or Field Inspector 2 working days prior.

Section 3: HERBICIDE APPLICATIONS AND ENVIROMENTAL PROTECTION

1. The Contractor shall apply herbicides in accordance with the label and consistent with standard industry practices. All herbicides, applications, mixtures, and adjuvants utilized must be consistent with BPA's List of Approved Herbicides.

2. The contractor shall select the herbicide product to be used, rotating the group number selection as necessary to prevent herbicide resistance evolving in vegetative species. Information on past applications is available from the COR.

3. Herbicide application rates and mixes shall be the responsibility of the Contractor. In no case shall the mixtures exceed the label rates for a particular herbicide or herbicide formulation. Certain facilities may have restrictions/mitigations that limit options for herbicide use. The COR may determine herbicide application rates and mixes at these sites and that information will be included in this contract. Additional guidelines for application rates and mixes are contained in Herbicide Impacts Mitigation Measures - Substation.

4. Prior to any herbicide applications, the Contractor shall thoroughly review the project area, along with substation vegetation management drawings and associated environmental documentation to identify and mark, if necessary, any buffer requirements, specific herbicide restrictions, or other mitigations/restrictions identified. The contractor shall adhere to the restrictions and/or mitigations identified in the contract documentation. Current substation vegetation drawings will be supplied in the contract documentation, identifying specific areas of treatment and restrictions on herbicide use due to the presence of sensitive resources (i.e. water, wells, vaults, secondary containment). Restrictions on herbicide use are detailed in Mitigation Measures - Substations and are to be applied to the substation management drawings.

5. The Contractor shall follow all weather restriction requirements and will observe all label, Federal, State, and local weather requirements relating to herbicide applications. No applications are allowed during periods of excessive moisture or wind, or during periods of low visibility (darkness or fog). The Contractor is responsible for making adjustments to schedules to assure compliance is maintained.

6. The contractor shall follow product label directions, as required by FIFRA, including "mandatory" statements (such as registered uses, maximum use rates, application restrictions, worker safety standards,

environmental hazards, weather restrictions, and equipment cleaning).

7. The contractor shall follow all product label "advisory" statements (such as techniques for mixing, applying and cleaning within the mandatory requirements, recommendations for protection clothing, guidelines for differing soil types, etc.).

8. The contractor shall have a copy each herbicide label and Material Safety Data Sheet (MSDS) of products in use at work sites during all mixing and applications. The Contractor shall use drift reduction agents, as appropriate, to reduce the drift hazard when applying herbicides as broadcast or localized foliar treatments.

9. All herbicide applications shall be applied using liquid formulations in substations and microwave sites. Granular formulations may be applied, but only after prior approval from the COR. Switchyard platforms may be managed with liquid and/or dry (pelletized) herbicide formulations. With the COR's approval, and after review by BPA, new products or use areas may be used. BPA has the option to revise its Approved Herbicide List during any option performance year in the contract.

   The contractor shall identify and mark each of the facilities' catch basins, outfalls, containment liners, and utility vaults (to ensure no herbicides enter drainage or containment systems). The contractor may elect to cover the entry points to these systems to ensure no exposure to chemical formulations. If unable to locate drains, the Contractor shall contact the COR and/or Substation Operator for help locating the drain. These systems may have buffer requirements for certain chemicals, or may require "non-surface advisory warning" herbicides identified by substation maps. Substation maps are stored at (https://portal.bud.bpa.gov/orgs/ppa/ROW/vegetation/Substation%20Vegetation%20Management%20Drawings/Forms/AllItems.aspx).

10. The Contractor shall not apply herbicide in any stream, wetland, standing water, or any body of water. Some facilities may have standing water at certain times of the year. No applications can be made to facilities with standing water present.

11. Soil residual herbicide applications shall not be made when soils are saturated or when heavy precipitation is imminent (forecast within 12 hours).

14. The contractor shall use appropriate anti-siphon devices/methods when filling herbicide tanks from any water sources.

15. The Contractor shall ensure all mixing and loading areas for herbicide control are at least 250 feet from any waterway, well, or wetland areas.

16. The Contractor shall immediately notify BPA and the appropriate Federal/State of any and all spills, chemical or otherwise. The Contractor, at their expense and in accordance with the appropriate regulations, will clean up all spills immediately. Refer to the facility's Spill Prevention, Control and Countermeasure (SPCC) plan in the event of a spill (located inside each substation facility (some facilities do not have SPCC plans)). The Contractor and applicable personnel will be required to cooperate with any BPA or State investigation surrounding any spill.

17. The Contractor shall empty all herbicide containers which are triple rinsed and dispose them in accordance with applicable state and county regulations. No empty containers will be disposed of on BPA property. The Contractor is responsible for removal, from BPA property, all litter and/or garbage generated by the Contractor, his employees or representatives.

18. At times, weeds and other debris will blow into the control areas and along fences. Application of herbicides over this debris has shown to be ineffective. The Contractor is required to remove this debris from treatment areas before applications are performed.

19. The COR, or his Field Inspector, without prior notification, may test the product(s) being applied to substation yards for content and strength at any time during application. Failure to perform herbicide application to manufacturer's label recommendations may result in all work being stopped.

20. All spray mixes shall have blue marking die add to the mix so BPA personnel can inspect for overspray on equipment.

21. All district maintenance headquarters are to be treated after 5 p m. or on weekends to minimize herbicide exposer to BPA employees and to treat parking areas.

Section 4: NOTIFICATIONS AND RECORD-KEEPING

1. The Contractor shall obtain permission from private landowners or occupants prior to entering or taking water from their property and shall assume all responsibility to acquire and handle thereof.

2. Within two weeks of contract award, the Contractor shall notify the COR, Chief Substation Operator, or Field Inspector, of the schedule for herbicide application. Unless agreed to by the COR, Chief Substation Operator, or their Field Representative, coordination must occur at least 6 months prior to work initiation to assure compliance with outage scheduling for significant equipment and staff availability. Schedules will also be cross-referenced with planned Construction work and may require modifications as to not interrupt on-going projects

3. In October of each year, the Contractor shall notify the COR, Chief Substation Operator, or Field Inspector, of the schedule for herbicide application. Coordination must occur at least 90 days prior to work initiation to assure compliance with outage scheduling for significant equipment and staff availability. Schedules will also be cross-referenced with planned Construction work and may require modifications as to not interrupt on-going projects.

4. A TFBV Daily Herbicide Application Log (or a State mandated equivalent form) shall be completed for each facility at the time of application and submitted to the COR along with payment and invoice documents. No payment will be made for any work not documented by a BPA Form 5462.02 or equivalent.

5. The Contractor is responsible for submitting appropriate herbicide information on all applications to the state(s) that applications were made, as outlined in state regulations.

Section 5: SAFETY AND PROPERTY PROTECTION-

1. The Contractor shall be required to follow all applicable BPA regulations pertaining to entry and applicable safety rules contained in BPA's Accident Prevention Manual.

2. The Contractor shall be required to have a Job Hazard Analysis (JHA) on file and approved by BPA. Prior to entering a facility, a daily safety job briefing will be conducted in accordance with the Contractor's JHA and BPA's Accident Prevention Manual J-1 job briefing protocol.

3. Each person entering a BPA substation is required to sign the Security Log and record time of entry and departure, reason for entry, and organization represented. Supervisors are permitted to sign in and out for members of their crew, listing each person's name and entering it into the Security Log. At substations without a Security Log, the entry information is entered into the Substations Operating Log.

4. All Contractor employees will wear approved non-metallic **white** hard hats while performing work under this contract, with no exceptions. The Contractor shall furnish hard hats and other required safety equipment except that which has been specified to be furnished by the Government. See BPA's Contractor Safety & Health Requirements for additional PPE information.

5. The Contractor's equipment shall **not exceed 8 feet 6 inches** in height, including antenna. Any hoses that the contractor use must be non-conductive.

6. Whenever a Contractor employee enters an energized substation yard, communication equipment sites or building of the Government, or whenever work is in proximity to the Government's normally-energized transmission facilities, the Contractor shall provide for the safety of the crew and shall at all times take necessary precautions to protect the Government's facilities from accidental contact that will cause an outage or damage the facilities**. Do not apply herbicide directly on to electrical equipment, including all: cabinets, switches, switchboxes, control panels, conduit, standpipes, stations, grounding equipment, etc., that contains, or may contain, wires, breakers, switches, meters, gauges, etc., and all handles for opening or operating such. Electrical equipment also includes all gates, buildings, tools and toolboxes. Minimal overspray on concrete and metal tower legs is allowable as long as it is not on electrical equipment, and is minimized.**

7. The Contractor is required to immediately and safely clean all overspray off electrical equipment before leaving the site. If overspray is discovered on electrical equipment after the Contractor leaves, they shall return to the site and clean the electrical equipment at their own expense.

8. The Contractor will be escorted by BPA Substation Operators or approved BPA Safety Watchers for access and security reasons. No spray vehicle will be allowed to maneuver within **30 feet** of energized equipment without the full attention of BPA electrical personnel (yellow hat) or a BPA-approved safety watcher provided by the Contractor.

9. Upon receipt of a written notice issued by the Government of an injury or property damage claim, the Contractor will have 30 days to take the required remedial action.

10. Fueling of any gasoline vehicle or power tool on a transmission line right-of-way or within a substation or a communications site requires that the Contractor use safe practices. Safe practices include:
    A. The fueling device should be grounded and bonded to the object being fueled before any vapors are permitted to escape;
    B. No ungrounded object or person should be allowed within the zone of escaping vapors;
    C. Metal containers shall be used;
    D. Plastic or any other non-conductive container shall not be used.

11. The contractor shall leave MSDS/SDS sheets at each area treated, by the log book.

Section 6: DELIVERABLES

1. The contractor will communicate directly with BPA Points of Contact (below) at least 7 months prior to treatments (exception for base year in which case within two weeks (2) after contract award, remembering 500kV substations require at least 6 month notice prior to work, and 6 months prior to the month you want to work for spraying Capacitor yards) to properly schedule outages that may be required for significant equipment (i.e. Cap yards). Other scheduling issues may be pertinent to detail at that time (i.e. BPA supplied safety watchers, construction crews, Operations personnel availability, etc.).

2. The Contractor will guarantee the substation yards to remain vegetation-free for the period of the contract (one calendar year). Any additional herbicide application or other treatments during this period will be performed at the Contractor's expense. Follow-up treatments may be necessary to maintain a vegetation-free environment for the duration of the contract (one calendar year). Inspections occur monthly at each facility by BPA personnel and communication will need to be maintained with Points of Contact per district to assure a continual vegetation-free environment.

3. The contractor shall maintain a quality control program to ensure that all contractual requirements are met. The contractor is responsible for performing or having performed all inspections necessary to substantiate that the supplies or services furnished under this contract conform to contract requirements. The program shall include follow-up treatments as local Operations personnel and/or the COR identify live vegetation.

4. Specific locations may require alternate treatments or restrict the use of certain herbicides (i.e. containing groundwater & surface water advisories). The contractor is responsible for developing a vegetation treatment control plan within these restrictions while maintaining a vegetation-free environment for the duration of the contract.

5. The contractor will submit full completed daily application sheets for treatments performed within two (2) weeks following treatments. At a minimum, invoices shall include the following to be considered complete:

    A. Contract name,
    B. Contract number
    C. TFBV Daily Herbicide Application Log or State equivalent (including start and end times, chemicals applied, quantities applied, etc.), **limit one site per page**
    D. Name and acreage of substations treated, and chemical(s) used,
    E. Name and acreage of switches treated, and chemical(s) used,
    F. Invoice for safety watcher subcontractor (if BPA does not supply safety watcher)

    Complete invoices shall be submitted to the following inbox: Vegmgmt@bpa.gov and CC the districts NRS.

    Incomplete or illegible invoices will be returned to the Contractor.

The data that will be provided to the vendor or the vendor is collecting on BPA's behalf, has a rating of **low** under the FIPS 199 Standards for Security Categorization of Federal Information and Information Systems. This requires the vendor to protect BPA data using the NIST 800-53rev4 Security and Privacy Controls for Federal Information Systems and Organizations for a **low** rated system.

The attestation must include that they are protecting BPA information commensurate with NIST 800-53rev4; security controls for a low data categorization. If the vendor is using this standard, please provide attestation to NIST 800-53rev4. The attestation must be provided on a yearly basis.

Many private organizations use ISO-27001:2005/2013 (ISO/IEC 27001:2005/2013 – Information technology – Security techniques – Information security management systems – Requirements). If the vendor is using this standard, please provide attestation to ISO-27001:2005/2013.

Attestations can be in the form of a formal memorandum, letter, or email.

End SOW.

BPA Districts Points of Contact(s).

Area 1 –
Snohomish District:
Subs/Switch Platforms: Chief Operator, 360-563-3613 office (b) (6)
Microwave Sites: Supervisory Engineer, 360-563-3681 office,

Covington District:
Subs/Switch Platforms: Chief Operator, 253-638-3713 office,
Microwave Sites: Supervisory Engineer, 253-638-3781 office,

Area 2 –
Olympia District:
Subs/Switch Platforms: Chief Operator, 360 570-4311 office,
Microwave Sites: Supervisory Engineer, 360-570-4381 office

Chehalis (within Olympia District):
Subs/Switch Platforms: Same as above
Microwave Sites: Same as above

Longview District:
Subs/Switch Platforms: Chief Operator, 360 414-5611 office,
Microwave Sites: Supervisory Engineer, 360-414-5681 office,

Ross (within Longview District):
Subs/Switch Platforms: Chief Operator, 360-418-2424 office,
Microwave Sites: Power Systems Control Craftsman, 360-418-2548 office, (b) (6)

Area 3 –
Salem District:
Subs/Switch Platforms: Chief Operator, 503-304-5912 office, (b) (6)
Microwave Sites: Supervisory Engineer, 503-304-5941 office

Eugene (aka Alvey) District:
Subs/Switch Platforms: Chief Operator, 541-988-7011 office,
Microwave Sites: Supervisory Engineer, 541-988-7061 office

North Bend District.
Subs/Switch Platforms: Chief Operator, 541-751-4011 office,
Microwave Sites: Supervisory Engineer, 541-988-7061 office

Area 4 –
Tri-Cities District:

Ashe sub-district:
Subs/Switch Platforms: Chief Operator, 509-546-5060 office,
Microwave Sites: Supervisory Engineer, 509-546-4980 office

Franklin sub-district:
Subs/Switch Platforms: Chief Operator, 509-542-5401 office,
Microwave Sites: Supervisory Engineer, 509-542-5411 office

McNary sub-district:
Subs/Switch Platforms: Chief Operator, 541-922-6815 office,
Microwave Sites: Supervisory Engineer, 509-546-4980 office

Area 4 –
The Dalles District:
Subs/Switch Platforms: Chief Operator, 541-296-5114x134 office, (b) (6)
Microwave Sites: Supervisory Engineer, 541-296-8032 ex118 office, (b) (6)

Celilo DC substation (within The Dalles District):
Sub: Chief Operator, 541-296-3615 ex196 office, 541-288-8216 cell.

Area 4 -
Redmond District:
Subs/Switch Platforms: Chief Operator, 541-516-3211 office, (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 541-516-3281 office, (b) (6)

Malin sub-district:
Subs/Switch Platforms: Chief Operator, 541-723-2325 office, (b) (6)

Area 5 -
Spokane District
Bell and Lewiston sub-districts:
Subs/Switch Platforms: Chief Substation Operator III, 509-468-3129 office, (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 509-468-3041 office, (b) (6)

Area 5 –
Wenatchee District
Sickler and Schultz sub-districts:
Subs/Switch Platforms: Chief Substation Operator III, 509-886-6015 offic (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 509-886-6082 office,

Area 6 -
Kalispell District
Subs/Switch Platforms: Chief Sub Operator III, 406-751-7891 office, (b) (6) .
Microwave Sites: Supervisory Electronics Engineer, 406-751-7881 office, (b) (6)

Area 7 -
Idaho Falls District
Subs/Switch Platforms: Chief Sub Operator III, 208-612-3160 office, (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 208-612-3120 of (b) (6)

End Points of Contact.

COMMERCIAL TERMS AND CONDITIONS.

CONTRACT-BASIC TERMS (28-1.1)
(MAR 2018)(BPI 28.3.4(a))

(a) This is a FFP contract with a Base Period and three pre-priced option year periods. By signing the contract cover page, Bonneville and the Contractor agree, subject to the attached terms and conditions, that Contractor shall sell to Bonneville the services identified herein at the prices set forth in the Schedule of Pricing.
(b) This contract shall become effective upon receipt of the signed contract and shall continue until the earlier of its expiration or termination pursuant to Clauses 28-9.1 and 28-9.2, Termination for Cause or Clauses 28-10.1 and 28-10.2, Termination for Bonneville's Convenience. Bonneville may extend the term of the base contract by exercising the pre-priced option, if any, by giving written notice to the Contractor.

SCHEDULE OF PRICING (28-2)
(jul 2013)(BPI 28.3.4(f))

The contractor shall provide the services at the prices identified in accordance with the Statement of Work and other associated documents.

Area 2: Olympia, Ross

4/1/2019 to 8/30/2020 Base Year

Item	Sub Item	Description	Qty	Unit	Unit Price	Total
0001		Olympia/Ross/Longview Bareground Herbicide Treatment	542.3	Acre	$ 275.00	$ 149,132.50
	0001a	Olympia Bareground Herbicide Treatment	241.4	Acre	$ 275.00	
	0001b	Longview Bareground Herbicide Treatment	300.9	Each	$ 275.00	
	0001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	0001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
0002		Switches	124	Each	$ 100.00	$ 12,400.00
	0002a	Switch Platforms Olympia	76	Each	$ 100.00	
	0002b	Switch Platforms Longview	48	Each	$ 100.00	
0003		Safety Watcher's				
	0003a	Safety Watcher Olympia		NTE		$ 25,000.00
	0003b	Safety Watcher Longview		NTE		$ 25,000.00
0004		Microwave Sites				
	0004b	Microwave Site - Rainier (Longview)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Megler (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Naselle Ridge (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Blyn (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Boisfert Peak (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Capitol Peak (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Chehalis (Olympia)	2	Each	$ 200.00	$ 400.00

	0004a	Microwave Site - Holcomb (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Minot Peak (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Raymond Hill (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Raymond (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - South Mtn. (Olympia)	2	Each	$ 200.00	$ 400.00
	0004b	Microwave Site - W. Portland (Ross)	2	Each	$ 200.00	$ 400.00
	0004b	Microwave Site - Biddle Butte (Ross)	2	Each	$ 200.00	$ 400.00
	0004b	Microwave Site - Ross Radio (Ross)	2	Each	$ 200.00	$ 400.00
				TOTAL PRICE		**$ 217,532.50**

9/1/2020 to 8/31/2021 Option Year 1						
1001		Olympia/Ross/Longview Bareground Herbicide Treatment	271.15	Acre	$ 275.00	$ 74,566.25
	1001a	Olympia Bareground Herbicide Treatment	120.7	Acre	$ 275.00	
	1001b	Longview Bareground Herbicide Treatment	150.45	Each	$ 275.00	
	1001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	1001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
1002		Switches	62	Each	$ 100.00	$ 6,200.00
	1002a	Switch Platforms Olympia	38	Each	$ 100.00	
	1002b	Switch Platforms Longview	24	Each	$ 100.00	
1003		Safety Watcher's				
	1003a	Safety Watcher Olympia		NTE		$ 12,500.00
	1003b	Safety Watcher Longview		NTE		$ 12,500.00
1004		Microwave Sites				
	1004b	Microwave Site - Rainier (Longview)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Megler (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Naselle Ridge (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Blyn (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Boisfert Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Capitol Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Chehalis (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Holcomb (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Minot Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Raymond Hill (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Raymond (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - South Mtn. (Olympia)	1	Each	$ 200.00	$ 200.00
	1004b	Microwave Site - W. Portland (Ross)	1	Each	$ 200.00	$ 200.00
	1004b	Microwave Site - Biddle Butte (Ross)	1	Each	$ 200.00	$ 200.00
	1004b	Microwave Site - Ross Radio (Ross)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		**$ 108,766.25**

9/1/2021 to 8/31/2022 Option Year 2

2001		Olympia/Ross/Longview Bareground Herbicide Treatment	271.15	Acre	$ 275.00	$ 74,566.25
	2001a	Olympia Bareground Herbicide Treatment	120.7	Acre	$ 275.00	
	2001b	Longview Bareground Herbicide Treatment	150.45	Each	$ 275.00	
	2001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	2001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
2002		Switches	62	Each	$ 100.00	$ 6,200.00
	2002a	Switch Platforms Olympia	38	Each	$ 100.00	
	2002b	Switch Platforms Longview	24	Each	$ 100.00	
2003		Safety Watcher's				
	2003a	Safety Watcher Olympia		NTE		$ 12,500.00
	2003b	Safety Watcher Longview		NTE		$ 12,500.00
2004		Microwave Sites				
	2004b	Microwave Site - Rainier (Longview)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Megler (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Naselle Ridge (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Blyn (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Boisfert Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Capitol Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Chehalis (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Holcomb (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Minot Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Raymond Hill (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Raymond (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - South Mtn. (Olympia)	1	Each	$ 200.00	$ 200.00
	2004b	Microwave Site - W. Portland (Ross)	1	Each	$ 200.00	$ 200.00
	2004b	Microwave Site - Biddle Butte (Ross)	1	Each	$ 200.00	$ 200.00
	2004b	Microwave Site - Ross Radio (Ross)	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			**$ 108,766.25**

9/1/2022 to 8/31/2023 Option Year 3						
3001		Olympia/Ross/Longview Bareground Herbicide Treatment	271.15	Acre	$ 275.00	$ 74,566.25
	3001a	Olympia Bareground Herbicide Treatment	120.7	Acre	$ 275.00	
	3001b	Longview Bareground Herbicide Treatment	150.45	Each	$ 275.00	
	3001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	3001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
3002		Switches	62	Each	$ 100.00	$ 6,200.00
	3002a	Switch Platforms Olympia	38	Each	$ 100.00	
	3002b	Switch Platforms Longview	24	Each	$ 100.00	

3003		Safety Watcher's				
	3003a	Safety Watcher Olympia		NTE		$ 12,500.00
	3003b	Safety Watcher Longview		NTE		$ 12,500.00
3004		Microwave Sites				
	3004b	Microwave Site - Rainier (Longview)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Megler (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Naselle Ridge (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Blyn (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Boisfert Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Capitol Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Chehalis (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Holcomb (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Minot Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Raymond Hill (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Raymond (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - South Mtn. (Olympia)	1	Each	$ 200.00	$ 200.00
	3004b	Microwave Site - W. Portland (Ross)	1	Each	$ 200.00	$ 200.00
	3004b	Microwave Site - Biddle Butte (Ross)	1	Each	$ 200.00	$ 200.00
	3004b	Microwave Site - Ross Radio (Ross)	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			**$ 108,766.25**

TOTAL AREA 1 PRICE	**$ 543,831.25**

Area 3: Salem, Eugene Districts

3/15/2019 to 8/31/2020 Base Year

Item	Sub Item	Description	Qty	Unit	Unit Price	Total
0001		Salem/Eugene Bareground Herbicide Treatment	452.5	Acre	$ 275.00	$ 124,437.50
	0001e	Salem Bareground Herbicide Treatment	263	Acre	$ 275.00	
	0001f	Eugene Bareground Herbicide Treatment	189.5	Acre	$ 275.00	
	0001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	0001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
0002		Switch Platforms	120	Each	$ 100.00	$ 12,000.00
	0002e	Switch Platforms Salem	46	Each	$ 100.00	
	0002f	Switch Platforms Eugene	74	Each	$ 100.00	
0003		Safety Watcher		NTE		$ 50,000.00
	0003e	Safety Watcher Salmen		NTE	$ 25,000.00	
	0003f	Safety Watcher Eugene		NTE	$ 25,000.00	
0004		Microwave Sites				
	0004f	Microwave Site - Coburg	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Lowell Butte	2	Each	$ 100.00	$ 200.00

	0004f	Microwave Site - Mary's Peak	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Noti	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Scott Mt.	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Blue Ridge	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Goodwin Peak	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Kenyon	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Bald Peak	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Hall Ridge	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Mt. Hebo	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Prospect	2	Each	$ 100.00	$ 200.00
				TOTAL PRICE		**$ 188,837.50**

9/1/2020 to 8/31/2021 Option Year 1						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
1001		Salem/Eugene Bareground Herbicide Treatment	226.25	Acre	$ 275.00	$ 62,218.75
	1001e	Salem Bareground Herbicide Treatment	131.5	Acre	$ 275.00	
	1001f	Eugene Bareground Herbicide Treatment	94.75	Acre	$ 275.00	
	1001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	1001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
1002		Switch Platforms	60	Each	$ 100.00	$ 6,000.00
	1002e	Switch Platforms Salem	23	Each	$ 100.00	
	1002f	Switch Platforms Eugene	37	Each	$ 100.00	
1003		Safety Watcher		NTE		$ 25,000.00
	1003e	Safety Watcher Salmen		NTE	$ 12,500.00	
	1003f	Safety Watcher Eugene		NTE	$ 12,500.00	
1004		Microwave Sites				
	1004f	Microwave Site - Coburg	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Lowell Butte	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Mary's Peak	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Noti	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Scott Mt.	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Blue Ridge	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Goodwin Peak	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Kenyon	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Bald Peak	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Hall Ridge	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Mt. Hebo	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Prospect	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		**$ 95,618.75**

9/1/2021 to 8/31/2022 Option Year 2						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
2001		Salem/Eugene Bareground Herbicide Treatment	226.25	Acre	$ 275.00	$ 62,218.75
	2001e	Salem Bareground Herbicide Treatment	131.5	Acre	$ 275.00	
	2001f	Eugene Bareground Herbicide Treatment	94.75	Acre	$ 275.00	
	2001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	2001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
2002		Switch Platforms	60	Each	$ 100.00	$ 6,000.00
	2002e	Switch Platforms Salem	23	Each	$ 100.00	
	2002f	Switch Platforms Eugene	37	Each	$ 100.00	
2003		Safety Watcher		NTE		$ 25,000.00
	2003e	Safety Watcher Salmen		NTE	$ 12,500.00	
	2003f	Safety Watcher Eugene		NTE	$ 12,500.00	
2004		Microwave Sites				
	2004f	Microwave Site - Coburg	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Lowell Butte	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Mary's Peak	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Noti	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Scott Mt.	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Blue Ridge	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Goodwin Peak	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Kenyon	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Bald Peak	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Hall Ridge	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Mt. Hebo	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Prospect	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			$ 95,618.75

9/1/2022 to 8/31/2023 Option Year 3						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
3001		Salem/Eugene Bareground Herbicide Treatment	226.25	Acre	$ 275.00	$ 62,218.75
	3001e	Salem Bareground Herbicide Treatment	131.5	Acre	$ 275.00	
	3001f	Eugene Bareground Herbicide Treatment	94.75	Acre	$ 275.00	
	3001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	3001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
3002		Switch Platforms	60	Each	$ 100.00	$ 6,000.00
	3002e	Switch Platforms Salem	23	Each	$ 100.00	
	3002f	Switch Platforms Eugene	37	Each	$ 100.00	
3003		Safety Watcher		NTE		$ 25,000.00

	3003e	Safety Watcher Salmen		NTE	$ 12,500.00	
	3003f	Safety Watcher Eugene		NTE	$ 12,500.00	
3004		Microwave Sites				
	3004f	Microwave Site - Coburg	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Lowell Butte	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Mary's Peak	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Noti	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Scott Mt.	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Blue Ridge	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Goodwin Peak	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Kenyon	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Bald Peak	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Hall Ridge	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Mt. Hebo	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Prospect	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			**$ 95,618.75**

TOTAL AREA 4 PRICE	**$ 475,693.75**

Area 6: Kalispell District

3/15/2019 to 8/31/2020 Base Year						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
0001		Kalispell Bareground Herbicide Treatment	180	Acre	$ 275.00	$ 49,500.00
	0001i	Kalispell Bareground Herbicide Treatment	180	Acre	$ 275.00	
	0001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
0002		Switches	78	Each	$ 100.00	$ 7,800.00
	0002i	Switch Platforms Kalispell	78	Each	$ 100.00	
0003		Safety Watcher's		NTE		$ 50,000.00
	0003i	Safety Watcher Kalispell		NTE	$ 50,000.00	
0004		Microwave Sites				
	0004i	Blacktail Peak MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Thompson Falls MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Bald Mountain MW (BELL)	2	Each	$ 200.00	$ 400.00
	0004i	Miller Peak MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Rocky Ridge MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Jack Mountain MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Grassy Mountain MW (KMHQ)	2	Each	$ 200.00	$ 400.00

	0004i	Hungry Horse MW (KMHQ)	2	Each	$ 200.00	$ 400.00
				TOTAL PRICE		$ 110,500.00

9/1/2020 to 8/31/2021 Option Year 1						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
1001		Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	$ 24,750.00
	1001i	Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	
	1001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
1002		Switches	39	Each	$ 100.00	$ 3,900.00
	1002i	Switch Platforms Kalispell	39	Each	$ 100.00	
1003		Safety Watcher's		NTE		$ 25,000.00
	1003i	Safety Watcher Kalispell		NTE	$ 25,000.00	
1004		Microwave Sites				
	1004i	Blacktail Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Thompson Falls MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Bald Mountain MW (BELL)	1	Each	$ 200.00	$ 200.00
	1004i	Miller Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Rocky Ridge MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Jack Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Grassy Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Hungry Horse MW (KMHQ)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 55,250.00

9/1/2021 to 8/31/2022 Option Year 2						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
2001		Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	$ 24,750.00
	2001i	Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	
	2001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
2002		Switches	39	Each	$ 100.00	$ 3,900.00
	2002i	Switch Platforms Kalispell	39	Each	$ 100.00	
2003		Safety Watcher's		NTE		$ 25,000.00
	2003i	Safety Watcher Kalispell		NTE	$ 25,000.00	
2004		Microwave Sites				
	2004i	Blacktail Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Thompson Falls MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Bald Mountain MW (BELL)	1	Each	$ 200.00	$ 200.00
	2004i	Miller Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Rocky Ridge MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Jack Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00

	2004i	Grassy Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Hungry Horse MW (KMHQ)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 55,250.00

9/1/2022 to 8/31/2023 Option Year 3						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
3001		Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	$ 24,750.00
	3001i	Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	
	3001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
3002		Switches	39	Each	$ 100.00	$ 3,900.00
	3002i	Switch Platforms Kalispell	39	Each	$ 100.00	
3003		Safety Watcher's		NTE		$ 25,000.00
	3003i	Safety Watcher Kalispell		NTE	$ 25,000.00	
3004		Microwave Sites				
	3004i	Blacktail Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Thompson Falls MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Bald Mountain MW (BELL)	1	Each	$ 200.00	$ 200.00
	3004i	Miller Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Rocky Ridge MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Jack Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Grassy Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Hungry Horse MW (KMHQ)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 55,250.00

TOTAL AREA 5 PRICE	$ 276,250.00

Area 7: Idaho Falls District

3/15/2019 to 8/31/2020 Base Year						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
0001		Idaho Falls Bareground Herbicide Treatment	100	Acre	$ 275.00	$ 27,500.00
	0001k	Idaho Falls Bareground Herbicide Treatment	100	Acre	$ 275.00	
	0001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
0002		Switches	20	Each	$ 100.00	$ 2,000.00
	0002k	Switch Platforms Idaho Falls	20	Each	$ 100.00	
0003		Safety Watcher's		NTE		$ 50,000.00
	0003k	Safety Watcher Idaho Falls		NTE	$ 50,000.00	
0004		Microwave Sites				

	0004k	Ashton Hill Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
	0004k	Bonanza Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
	0004k	Minidoka Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
	0004k	Thunder Ridge MW Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
				TOTAL PRICE		**$ 81,100.00**

9/1/2020 to 8/31/2021 Option Year 1						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
1001		Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	$ 13,750.00
	1001k	Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	
	1001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
1002		Switches	10	Each	$ 100.00	$ 1,000.00
	1002k	Switch Platforms Idaho Falls	10	Each	$ 100.00	
1003		Safety Watcher's		NTE		$ 25,000.00
	1003k	Safety Watcher Idaho Falls		NTE	$ 25,000.00	
1004		Microwave Sites				
	1004k	Ashton Hill Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	1004k	Bonanza Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	1004k	Minidoka Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	1004k	Thunder Ridge MW Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		**$ 40,550.00**

9/1/2021 to 8/31/2022 Option Year 2						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
2001		Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	$ 13,750.00
	2001k	Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	
	2001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
2002		Switches	10	Each	$ 100.00	$ 1,000.00
	2002k	Switch Platforms Idaho Falls	10	Each	$ 100.00	
2003		Safety Watcher's		NTE		$ 25,000.00
	2003k	Safety Watcher Idaho Falls		NTE	$ 25,000.00	
2004		Microwave Sites				
	2004k	Ashton Hill Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	2004k	Bonanza Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	2004k	Minidoka Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00

	2004k	Thunder Ridge MW Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 40,550.00

9/1/2022 to 8/31/2023 Option Year 3						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
3001		Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	$ 13,750.00
	3001k	Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	
	3001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
3002		Switches	10	Each	$ 100.00	$ 1,000.00
	3002k	Switch Platforms Idaho Falls	10	Each	$ 100.00	
3003		Safety Watcher's		NTE		$ 25,000.00
	3003k	Safety Watcher Idaho Falls		NTE	$ 25,000.00	
3004		Microwave Sites				
	3004k	Ashton Hill Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	3004k	Bonanza Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	3004k	Minidoka Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	3004k	Thunder Ridge MW Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 40,550.00

TOTAL AREA 5 PRICE	$ 202,750.00

TOTAL CONTRACT PRICE	$ 1,498,525.00

INVOICE (28-3)
(oct 2014) BPI 28.3.4(g))

(a) The Contractor shall submit an electronic invoice (or one hard-copy invoice, if authorized) to the address designated in the contract to receive invoices. The contractor will submit full completed daily application sheets for treatments performed within two (2) weeks following treatments. At a minimum, invoices shall include the following to be considered complete:
(1) Name and address of the Contractor;
(2) Invoice date and number;
(3) Contract number, contract line item number and, if applicable, the order number;
(4) Description, quantity, unit of measure, unit price and extended price of the items delivered;
(5) TFBV Daily Herbicide Application Log or State equivalent (including start and end times, chemicals applied, quantities applied, etc.), **limit one site per page**
(6) Name and acreage of substations treated, and chemical(s) used,
(7) Name and acreage of switches treated, and chemical(s) used,
(8) Invoice for safety watcher subcontractor (if BPA does not supply safety watcher)
(9) Terms of any discount for prompt payment offered;
(10) Name and address of official to whom payment is to be sent;
(11) Name, title, and phone number of person to notify in event of defective invoice; and

(12)Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.
(13)Electronic funds transfer (EFT) banking information.

(b) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR part 1315.

PAYMENT-FIRM FIXED PRICE (28-4.1)
(MAR 2018)(BPI 28.3.4(h))

(a) Payment.
(1) Items accepted. Payment shall be made for items accepted by Bonneville that have been delivered to the delivery destinations set forth in this contract.
(2) Prompt Payment. Bonneville will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR Part 1315.
(3) Electronic Funds Transfer.
(i) Payments under this contract shall be made by electronic funds transfer (EFT). Contractor shall provide its taxpayer identification number (TIN) and other necessary banking information for Bonneville to make payments through EFT. Receipt of payment information, including any changes, must be received by Bonneville 30 days prior to effective date of the change. Bonneville shall not be liable for any payment under this contract until receipt of the correct EFT information from Contractor, nor be liable for any penalty on delay of payment resulting from incorrect EFT information. Bonneville shall notify the Contractor within 7 days of its receipt of EFT information which it determines to be defective.
(ii) If Contractor assigns the proceeds of this contract per Clause 28-18 Assignment, the Contractor shall require, as a condition of any such assignment, that the assignee agrees to be paid by EFT and shall provide its EFT information as identified in (iii) below. The requirements of this clause shall apply to the assignee as if it were the Contractor.
(iii) Submission of EFT banking information to Bonneville. The Contractor shall submit EFT enrollment banking information directly to Bonneville Vendor Maintenance Team, using Substitute IRS Form w9e, Request for Taxpayer Identification Number and Certification, available from the CO or the Bonneville Vendor Maintenance Team. Contact and mailing information:

Bonneville Power Administration
PO Box 491
ATTN: NSTS-MODW Vendor Maintenance
Vancouver, WA 98666-0491

email: VendorMaintenance@bpa.gov
phone: 360-418-2800
fax: 360-418-8904

(4) Discount. In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.
(5) Overpayments. If the Contractor becomes aware of a duplicate contract financing or invoice payment or that Bonneville has otherwise overpaid on a contract financing or invoice payment, the Contractor shall:
(i) Remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including the –
(A) Circumstances of the overpayment (e.g. duplicate payment, erroneous payment, liquidation error, date(s) of overpayment);
(B) Affected contract number and delivery order number, if applicable;
(C) Affected contract line item or subline item, if applicable; and
(D) Contractor point of contact.
(ii) Provide a copy of the remittance and supporting documentation to the Contracting Officer.
(6) Interest.
(i) All amounts that become payable by the Contractor to Bonneville under this contract shall bear simple interest from the date due until paid unless paid within 30 days of becoming due. The interest

rate shall be the interest rate established by the Secretary of Treasury as provided in Section 611 of the Contracts Disputes Act of 1978 (Public Law 95-563)(41 U.S.C. 7101-7109), which is applicable to the period in which the amount becomes due, as provided in (a)(6)(v) of this clause, and then at the rate applicable for each six-month period as fixed by the Secretary until the amount is paid.

(ii) Bonneville may issue a demand for payment to the Contractor upon finding that a debt is due under the contract.

(iii) Final decision. The Contracting Officer will issue a final decision as required by BPI 21.3.11 if:
  (A) The Contracting Officer and the Contractor are unable to reach agreement on the existence or amount of a debt within 30 days;
  (B) The Contractor fails to liquidate a debt previously demanded by the Contracting Officer within the timeline specified in the demand for payment unless the amounts were not repaid because the Contractor has requested an installment payment agreement; or
  (C) The Contractor requests a deferment of collection on a debt previously demanded by the Contracting Officer.

(iv) If a demand for payment was previously issued for the debt, the demand for payment included in the final decision shall identify the same due date as the original demand for payment.

(v) Amounts shall be due at the earliest of the following dates:
  (A) The date fixed under this contract.
  (B) The date of the first written demand for payment, including any demand for payment resulting from a default termination.

(vi) The interest charge shall be computed for the actual number of calendar days involved beginning on the due date and ending on –
  (A) The date on which the designated office receives payment from the Contractor;
  (B) The date of issuance of a Bonneville check to the Contractor from which an amount otherwise payable has been withheld as a credit against the contract debt; or
  (C) The date on which an amount withheld and applied to the contract debt would otherwise have become payable to the Contractor.

INSPECTION/ACCEPTANCE-FIRM FIXED PRICE (28-5.1)
(MAR 2018)(BPI 28.3.4(j))

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. Bonneville reserves the right to inspect or test any supplies or services that have been tendered for acceptance. Bonneville may require repair or replacement of nonconforming supplies or re-performance of nonconforming services at no increase in contract price. If repair/replacement or re-performance will not correct the defects or is not possible, Bonneville may seek an equitable price reduction or adequate consideration for acceptance of nonconforming supplies or services. Bonneville must exercise its post-acceptance rights:

(a) within a reasonable time after the defect was discovered or should have been discovered; and
(b) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

CHANGES (28-6)
(JUL 2013)(BPI 28.3.4(l))

Changes in the terms and conditions of this contract may be made only by written agreement of the parties.

STOP WORK ORDER (28-7)
(MAR 2018)(BPI 28.3.4(m))

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop work order issued under this clause. Upon receipt of the order, the Contractor shall immediately

comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop work order is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either—

(1) Cancel the stop work order; or
(2) Terminate the work covered by the order as provided in the Termination for Bonneville's Convenience clause of this contract.

(b) If a stop work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume the work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if—

(1) The stop work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and
(2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop work order is not canceled and the work covered by the order is terminated for the convenience of Bonneville, the Contracting Officer shall allow reasonable costs resulting from the stop work order in arriving at the termination settlement.

(d) If a stop work order is not canceled and the work covered by the order is terminated for cause, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop work order.

FORCE MAJEURE/EXCUSABLE DELAY (28-8)
(JUL 2013)(BPI 28.3.3.6(n))

The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

TERMINATION FOR CAUSE – FIRM FIXED PRICE (28-9.1)
(MAR 2018)(BPI 28.3.4(o))

Bonneville may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide Bonneville, upon request, with adequate assurances of future performance. In the event of termination for cause, Bonneville shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to Bonneville for any and all rights and remedies provided by law. If it is determined that Bonneville improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

TERMINATION FOR BPA'S CONVENIENCE-FIRM FIXED PRICE (28-10.1)
(MAR 2018)(BPI 28.3.4(q))

Bonneville reserves the right to terminate this contract, or any part thereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid an amount for direct labor hours (as defined in the Schedule of the contract) determined by multiplying the number of direct labor hours expended before the effective date of termination by the hourly rate(s) in the contract, less any hourly rate payments already made to the Contractor plus reasonable charges the Contractor can demonstrate to the satisfaction of Bonneville using its standard record keeping system that have resulted

from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give Bonneville any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided.

WARRANTY (28-11)
(JUL 2013)(BPI 28.3.4(s))

The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract. All express warranties offered by the Contractor shall be incorporated into this contract.

LIMITATION OF LIABILITY (28-12)
(JUL 2013)(BPI 28.3.4(t))

Except as otherwise provided by an express warranty, the Contractor shall not be liable to Bonneville for consequential damages resulting from any defect or deficiencies in accepted items.

DISPUTES (28-13)
(JUL 2013)(BPI 28.3.4(u))

This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 7101-7109). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal, or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at BPI Clause 21-2 Disputes, which is incorporated by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute under the contract.

INDEMNIFICATION (28-14)
(MAR 2018)(BPI 28.3.4(v))

The Contractor shall indemnify Bonneville and its officers, employees, and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark, or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.

RISK OF LOSS (28-15)
(MAR 2018)(BPI 28.3.4(w))

Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to Bonneville upon:

(a) Delivery of the supplies to a carrier, if transportation is f.o.b. origin; or
(b) Delivery of the supplies to Bonneville at the destination specified in the contract, if transportation is f.o.b. destination.

TITLE (28-16)
(MAR 2018)(BPI 28.3.4(x))

Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to Bonneville upon acceptance, regardless of when or where Bonneville takes physical possession.

TAXES (28-17)
(JUL 2013)(BPI 28.3.4(y))

The contract price includes all applicable Federal, State, and local taxes and duties.

ASSIGNMENT (28-18)
(MAR 2018) (BPI 28.3.4(z))

The Contractor or its assignee may assign rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g. use of a Bonneville purchase card), the Contractor may not assign its rights to receive payments under this contract.

OTHER COMPLIANCES (28-19)
(JUL 2013)(BPI 28.3.4(aa))

The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.

REQUIREMENTS UNIQUE TO GOVERNMENT CONTRACTS – SERVICES (28-20.2)
(MAR 2018)(BPI 28.3.4(bb))

The Contractor shall comply with the following clauses that are incorporated by reference to implement provisions of law or Executive Orders applicable to acquisitions of commercial services:

APPLICABLE TO ALL SOLICITATIONS AND CONTRACTS:

(a) The following clauses are applicable to all contracts and solicitations:
- (1) Organizational Conflicts of Interest (Clause 3-2)
- (2) Certification, Disclosure and Limitation Regarding Payments to Influence Certain Federal Transactions (Clause 3-3)
- (3) Contractor Policy to Ban Text Messaging While Driving (Clause 15-14)
- (4) Contractor Employee Whistleblower Rights (Clause 3-10)
- (5) Utilization of Supplier Diversity Program Categories (Clause 8-3)
- (6) Restriction on Certain Foreign Purchases (Clause 9-8)
- (7) Combating Trafficking in Persons (Clause 10-25)
- (8) Printing (Clause 11-9)
- (9) Ozone Depleting Substances (Clause 15-7)
- (10) Refrigeration Equipment (Clause 15-8)
- (11) Energy Efficiency in Energy Consuming Products (Clause 15-9)
- (12) Recovered Materials (Clause 15-10)
- (13) Bio-Based Materials (Clause 15-11)
- (14) Acceleration of Payments to Small Business Contractors (Clause 22-21)
- (15) Subcontracting with Debarred or Suspended Entities (Clause 11-7)
- (16) Affirmative Action for Workers with Disabilities (Clause 10-2) except under the following conditions –
  - (i) Work performed outside the United States by employees who were not recruited within the United States; or
  - (ii) Contracts with State or local governments (or any agency, instrumentality, or subdivision) when that entity does not participate in work on or under the contract.
- (17) Equal Opportunity (Clause 10-1) except under the following conditions –
  - (i) Work performed on or within 40 miles of an Indian reservation where a Tribal Employment Rights Ordinance (TERO) is known to be in effect;

(ii) Work performed outside the United States by employees who were not recruited within the United States;
(iii) Individuals (as opposed to a firm with multiple employees); or
(iv) Contracts with State or local governments or any agency, instrumentality or subdivision thereof.

(18) Minimum Wage for Federal Contracts (Clause 10-28), except for work performed outside the United States by employees recruited outside the United States.

(19) Buy American Act – Supplies (Clause 9-3) except for the purchase of –
(i) Civil aircraft and related articles;
(ii) Supplies subject to trade agreement thresholds; or
(iii) Commercial IT equipment and supplies.

(20) Examination of Records.
(i) The Comptroller General of the United States, an appropriate Inspector General appointed under section 3 or 8G of the Inspector General Act of 1978 (5 U.S.C. app.), the Contracting Officer or authorized representatives thereof shall have access to and right to –
(A) Examine any of the Contractor's or any subcontractors' records that pertain to, and involve transactions relating to, this contract: and
(B) Interview any officer or employee regarding such transactions.
(ii) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until three years after final payment under this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for three years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.
(iii) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

APPLICABLE TO ALL SOLICITATIONS AND CONTRACTS ABOVE $150K:

(b) In addition to the requirements above, the following clauses are applicable to all contracts and solicitations that exceed or are expected to exceed $150K:
(1) Equal Opportunity for Veterans (Clause 10-19)
(2) Employment Reports on Veterans (Clause 10-20)
(3) Contract Work Hours and Safety Standards Act – Overtime Compensation (Clause 10-21)
(4) Nondisplacement of Qualified Workers (Clause 23-5), except for:
(i) Contracts and subcontracts awarded pursuant to 41 U.S.C. chapter 85, Committee for Purchase from People Who Are Blind or Severely Disabled;
(ii) Guard, elevator operator, messenger, or custodial services provided to the Government under contracts or subcontracts with sheltered workshops employing the "severely handicapped" as described in 40 U.S.C. 593;
(iii) Agreements for vending facilities entered into pursuant to the preference regulations issued under the Randolph Sheppard Act, 20 U.S.C. 107; or
(iv) Service employees who were hired to work under a Federal service contract and one or more nonfederal service contracts as part of a single job, provided that the service employees were not deployed in a manner that was designed to avoid the purposes of this subpart.
(v) Employment Eligibility Verification (Clause 10-18). All solicitations, contracts and IGCs; unless one, or more, of the following conditions exists:
(A) Are only for work that will be performed outside the United States;
(B) Are for a period of performance of less than 120 days; or
(C) Are only for:
(1) Commercially available off-the-shelf items;
(2) Items that would be COTS items, but for minor modifications (as defined in BPI 2.2); or

(3) Commercial services that are –
  (i) Part of the purchase of a COTS item (or an item that would be a COTS item, but for minor modifications);
  (ii) Performed by the COTS provider; and
  (iii) Are normally provided for that COTS item.
(4) Are with other U.S. federal government agencies.

ADDITIONAL REQUIREMENTS FOR SUBCONTRACTS

(c) The Contractor shall include the requirements in the following clauses in its subcontracts when these clauses are included in the Bonneville contract for commercial items or services:
  (1) Paragraph (c) Examination of Record of this clause. This paragraph shall be included in all subcontracts, except the authority of the Inspector General under paragraph (c)(2) does not flow down; and
  (2) Those clauses contained in this paragraph (d)(2). Unless otherwise indicated below, the extent of the requirement shall be as identified by the clause:
    (i) Contractor Employee Whistleblower Rights (Clause 3-10)
    (ii) Utilization of Supplier Diversity Program Categories (Clause 8-3), if the subcontract offers further subcontracting opportunities
    (iii) Equal Opportunity (Clause 10-1)
    (iv) Affirmative Action for Workers with Disabilities (Clause 10-2)
    (v) Employment Eligibility Verification (Clause 10-18), unless subcontracting for commercial items
    (vi) Equal Opportunity for Veterans (Clause 10-19)
    (vii) Employment Reports on Veterans (Clause 10-20)
    (viii) Contract Work Hours and Safety Standards Act (Clause 10-21)
    (ix) Combating Trafficking in Persons (Clause 10-25)
    (x) Minimum Wage for Federal Contracts (Clause 10-28)
    (xi) Subcontracting with Debarred or Suspended Entities (Clause 11-7), unless subcontracting for COTS items
    (xii) Acceleration of Payments to Small Business Contractors (Clause 22-21)
    (xiii) Nondisplacement of Qualified Workers (Clause 23-5)

(d) Text of clauses incorporated by reference is available at: http://www.bpa.gov/Doing%20Business/purchase/Pages/default.aspx.

ORDER OF PRECEDENCE (28-21)
(JUL 2013)(BPI 28.3.4(cc))

Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order:

(a) The Schedule of Pricing.
(b) The Assignments, Disputes, Payments, Invoice, Other Compliances, and Requirements Unique to Government Contracts clauses of this contract.
(c) Solicitation provisions if this is a solicitation.
(d) Other documents, exhibits, and attachments, including any license agreements for computer software.
(e) The specification or statement of work.

APPLICABLE LAW (28-22)
(JUL 2013)(BPI 28.3.4(dd))

United States law will apply to resolve any claim of breach of this contract.

UNIT 2 – OTHER CLAUSES

PRIVACY ASSURANCE (5-1)
(MAR 2018)(BPI 5.1.4 (a))

The contractor acknowledges and agrees that, in the course of its contract with Bonneville, contractor may receive or access personally identifiable information (PII) belonging to Bonneville. Contractor represents and warrants that its collection, access, use, storage, disposal, and disclosure of PII will comply with all applicable privacy laws and regulations, including the Privacy Act (5 U.S.C. § 552a), the E-Government Act (44 U.S.C. § 101), and DOE regulations (10 CFR § 1008, et seq.). Contractor is responsible for the actions and omissions of its employees for the handling of PII. The contractor agrees not to share PII with any entity not explicitly authorized by the contract. The contractor agrees to report any security breach of PII within 24 hours of discovery of the breach. The contractor shall seek express consent from Bonneville before storing any PII on data servers, including redundant servers, which reside outside of the United States.

OPTION TO EXTEND SERVICES (7-39)
(MAR 2018) (BPI 7.9.8(f))

Bonneville may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 5 days.

OPTION TO EXTEND THE TERM OF THE CONTRACT (7-40)
(MAR 2018) (BPI 7.9.8(g))

(a) Bonneville may extend the term of this contract by written notice to the Contractor within 5 days; provided that Bonneville gives the Contractor a preliminary written notice of its intent to extend at least 15 before the contract expires. The preliminary notice does not commit Bonneville to an extension.
(b) If Bonneville exercises this option, the extended contract shall be considered to include this option clause.
(c) The total duration of this contract, including the exercise of any options under this clause; shall not exceed 5 years and six months.

SERVICE CONTRACT LABOR STANDARDS (10-3)
(MAR 2018)(BPI 10.2.2.3)

(a) Definitions. As used in this clause-
"Act" means the Service Contract Labor Standards statute (41 U.S.C. § 6701-6707, et seq.).
"Contractor" when used in any subcontract, shall include the subcontractor, except in the term "Bonneville Prime Contractor."
"Service employee" means any person engaged in the performance of this contract other than any person employed in a bona fide executive, administrative, or professional capacity, as these terms are defined in Part 541 of Title 29, Code of Federal Regulations, as revised. It includes all service persons regardless of any contractual relationship that may be alleged to exist between a Contractor or subcontractor and such persons.
(b) Applicability. This contract is subject to the following provisions and to all other applicable provisions of the Act and regulations of the Secretary of Labor (29 CFR Part 4). This clause does not apply to contracts or subcontracts administratively exempted by the Secretary of Labor or exempted by 41 U.S.C. 6702, as interpreted in Subpart C of 29 CFR Part 4.
(c) Compensation.
(1) Each service employee employed in the performance of this contract by the Contractor or any subcontractor shall be paid not less than the minimum monetary wages and shall be furnished fringe

benefits in accordance with the wages and fringe benefits determined by the Secretary of Labor, or authorized representative, as specified in any wage determination attached to this contract.

(2)

(i) If a wage determination is attached to this contract, the Contractor shall classify any class of service employee not listed therein which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination) so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed class of employees shall be paid the monetary wages and furnished the fringe benefits which are determined pursuant to the procedures in this paragraph (c).

(ii) This conforming procedure shall be initiated by the Contractor prior to the performance of contract work by the unlisted class of employee. The Contractor shall submit Standard Form (SF) 1444, Request for Authorization of Additional Classification and Rate, to the Contracting Officer (CO) no later than 30 days after the unlisted class of employee performs any contract work. The CO shall review the proposed classification and rate and promptly submit the completed SF 1444 (which must include information regarding the agreement or disagreement of the employees' authorized representatives or the employees themselves together with the agency recommendation), and all pertinent information to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor. The Wage and Hour Division will approve, modify, or disapprove the action or render a final determination in the event of disagreement within 30 days of receipt or will notify the CO within 30 days of receipt that additional time is necessary.

(iii) The final determination of the conformance action by the Wage and Hour Division shall be transmitted to the Contracting Officer who shall promptly notify the Contractor of the action taken. Each affected employee shall be furnished by the Contractor with a written copy of such determination or it shall be posted as a part of the wage determination.

(iv) Establishing rates.

(A) The process of establishing wage and fringe benefit rates that bear a reasonable relationship to those listed in a wage determination cannot be reduced to any single formula. The approach used may vary from wage determination to wage determination, depending upon the circumstances. Standard wage and salary administration practices which rank various job classifications by pay grade pursuant to point schemes or other job factors may, for example, be relied upon. Guidance may also be obtained from the way different jobs are rated under federal pay systems (Federal Wage Board Pay System and the General Schedule) or from other wage determinations issued in the same locality. Basic to the establishment of any conformable wage rate(s) is the concept that a pay relationship should be maintained between job classifications based on the skill required and the duties performed.

(B) In the case of a contract modification, an exercise of an option or extension of an existing contract, or in any other case where a contract succeeds a contract under which the classification in question was previously conformed pursuant to paragraph (c) of this clause, a new conformed wage rate and fringe benefits may be assigned to such conformed classification by indexing (i.e., adjusting) the previous conformed rate and fringe benefits by an amount equal to the average (mean) percentage increase (or decrease, where appropriate) between the wages and fringe benefits specified for all classifications to be used on the contract which are listed in the current wage determination, and those specified for the corresponding classifications in the previously applicable wage determination. Where conforming actions are accomplished in accordance with this paragraph prior to the performance of contract work by the unlisted class of employees, the Contractor shall advise the CO of the action taken, but the other procedures in paragraph (c)(2)(ii) of this section need not be followed.

(C) No employee engaged in performing work on this contract shall in any event be paid less than the currently applicable minimum wage specified under section 6(a)(1) of the Fair Labor Standards Act of 1938, as amended.

(v) The wage rate and fringe benefits finally determined under this subparagraph (c)(2) of this clause shall be paid to all employees performing in the classification from the first day on which contract work is performed by them in the classification. Failure to pay the unlisted employees the

compensation agreed upon by the interested parties and/or finally determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract.

(vi) Upon discovery of failure to comply with subparagraph (c)(2) of this clause, the Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits, which shall be retroactive to the date such class or classes of employees commenced contract work.

(3) Adjustment of compensation. If the term of this contract is more than one year, the minimum monetary wages and fringe benefits required to be paid or furnished thereunder to service employees under this contract shall be subject to adjustment after one year and not less often than once every two years, under wage determinations issued by the Wage and Hour Division.

(d) Obligation to furnish fringe benefits. The Contractor or subcontractor may discharge the obligation to furnish fringe benefits specified in the attachment or determined under subparagraph (c)(2) of this clause by furnishing equivalent combinations of bona fide fringe benefits, or by making equivalent or differential cash payments only in accordance with Subpart D of 29 CFR Part 4.

(e) Minimum wage. In the absence of a wage determination for this contract, neither the Contractor nor any subcontractor under this contract shall pay any person performing work under this contract (regardless of whether the person is a service employee) less than the minimum wage specified by section 6(a)(1) of the Fair Labor Standards Act of 1938. Nothing in this clause shall relieve the Contractor or any subcontractor of any other obligation under law or contract for the payment of a higher wage to any employee.

(f) Successor contracts. If this contract succeeds a contract subject to the Act under which substantially the same services were furnished in the same locality, and service employees were paid wages and fringe benefits provided for in a collective bargaining agreement, in the absence of the wage determination for this contract setting forth such collectively bargained wage rates and fringe benefits, neither the Contractor nor any subcontractor under this contract shall pay any service employee performing any of the contract work (regardless of whether or not such employee was employed under the predecessor contract), less than the wages and fringe benefits provided for in such collective bargaining agreements, to which such employee would have been entitled if employed under the predecessor contract, including accrued wages and fringe benefits and any prospective increases in wages and fringe benefits provided for under such agreement. No contractor or subcontractor under this contract may be relieved of the foregoing obligation unless the limitations of 29 CFR Part 4.1b(b) apply or unless the Secretary of Labor or the Secretary's authorized representative finds, after a hearing as provided in 29 CFR Part 4.10, that the wages and/or fringe benefits provided for in such agreement are substantially at variance with those which prevail for services of a character similar in the locality, or determines, as provided in 29 CFR Part 4.11, that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's-length negotiations. Where it is found in accordance with the review procedures provided in 29 CFR 4.10 and/or 4.11 and Parts 6 and 8 that some or all of the wages and/or fringe benefits contained in a predecessor Contractor's collective bargaining agreement are substantially at variance with those which prevail for similar services in the locality, and/or that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's-length negotiations, the Department will issue a new or revised wage determination setting forth the applicable wage rates and fringe benefits. Such determination shall be made part of the contract or subcontract, in accordance with the decision of the Administrator, the Administrative Law Judge, or the Administrative Review Board, as the case may be, irrespective of whether such issuance occurs prior to or after the award of a contract or subcontract (53 Comp. Gen. 401 (1973)). In the case of a wage determination issued solely as a result of a finding of substantial variance, such determination shall be effective as of the date of the final administrative decision.

(g) Notification to employees. The Contractor and any subcontractor under this contract shall notify each service employee commencing work on this contract of the minimum monetary wage and any fringe benefits required to be paid pursuant to this contract, or shall post the wage determination attached to this contract. The poster provided by the Department of Labor (Publication WH 1313) shall be posted in a prominent and accessible place at the worksite. Failure to comply with this requirement is a violation of section 2(a)(4) of the Act and of this contract.

(h) Safe and sanitary working conditions. The Contractor or subcontractor shall not permit any part of the services called for by this contract to be performed in buildings or surroundings or under working conditions provided by or under the control or supervision of the Contractor or subcontractor which are unsanitary, hazardous, or dangerous to the health and safety of the service employees. The Contractor or subcontractor shall comply with the safety and health standards applied under 29 CFR Part 1925.

(i) Records.

(1) The Contractor and each subcontractor performing work subject to the Act shall make and maintain for three years from the completion of the work, and make them available for inspection and transcription by authorized representatives of the Wage and Hour Division, Employment Standards Administration, a record of the following:

(i) For each employee subject to the Act:

(A) Name, address and social security number;

(B) Correct work classification or classifications, rate or rates of monetary wages paid and fringe benefits provided, rate or rates of payment in lieu of fringe benefits and total daily and weekly compensation;

(C) Daily and weekly hours worked by each employee; and

(D) Any deductions, rebates, or refunds from the total daily or weekly compensation of each employee.

(ii) For those classes of service employees not included in any wage determination attached to this contract, wage rates or fringe benefits determined by the interested parties or by the Administrator or authorized representative under the terms of paragraph (iii) of this clause. A copy of the report required by subdivision (c)(2)(iv)(B) of this clause will fulfill this requirement.

(iii) Any list of the predecessor Contractor's employees which had been furnished to the Contractor as prescribed by paragraph (n) of this clause.

(2) The Contractor shall also make available a copy of this contract for inspection or transcription by authorized representatives of the Wage and Hour Division.

(3) Failure to make and maintain or to make available these records for inspection and transcription shall be a violation of the regulations and this contract, and in the case of failure to produce these records, the CO, upon direction of the Department of Labor and notification of the Contractor, shall take action to cause suspension of any further payment or advance of funds until the violation ceases.

(4) The Contractor shall permit authorized representatives of the Wage and Hour Division to conduct interviews with employees at the worksite during normal working hours.

(j) Pay periods. The Contractor shall unconditionally pay to each employee subject to the Act all wages due free and clear and without subsequent deduction (except as otherwise provided by law or regulations, 29 CFR Part 4), rebate, or kickback on any account. These payments shall be made no later than one pay period following the end of the regular pay period in which the wages were earned or accrued. A pay period under this Act may not be of any duration longer than semi-monthly.

(k) Withholding of payments and termination of contract. The CO shall withhold or cause to be withheld from the Bonneville prime contractor under this or any other Government contract with the prime contractor such sums as an appropriate official of the Department of Labor requests, or such sums as the CO decides may be necessary to pay underpaid employees employed by the Contractor or subcontractor. In the event of failure to pay any employees subject to the Act all or part of the wages or fringe benefits due under the Act, the CO may, after authorization or by direction of the Department of Labor and written notification to the Contractor, take action to cause suspension of any further payment or advance of funds until such violations have ceased. Additionally, any failure to comply with the requirements of this clause may be grounds for termination of the right to proceed with the contract work. In such event, the Bonneville may enter into other contracts or arrangements for completion of the work, charging the Contractor in default with any additional cost.

(l) Subcontracts. The Contractor agrees to include this clause in all subcontracts subject to the Act.

(m) Collective bargaining agreements applicable to service employees. If wages to be paid or fringe benefits to be furnished any service employees employed by the Bonneville prime contractor or any subcontractor under the contract are provided for in a collective bargaining agreement which is or will be effective during any period in which the contract is being performed, the Bonneville prime contractor shall report such fact to the CO, together with full information as to the application and accrual of such wages and fringe benefits, including

any prospective increases, to service employees engaged in work on the contract, and a copy of the collective bargaining agreement. Such report shall be made upon commencing performance on the contract, in the case of collective bargaining agreements effective at such time, and in the case of such agreements or provisions or amendments thereof effective at a later time during the period of contract performance, such agreements shall be reported promptly after negotiation thereof.

(n) Seniority Lists. Not less than ten days prior to completion of any contract being performed at a Bonneville facility where service employees may be retained in the performance of the succeeding contract and subject to a wage determination which contains vacation or other benefit provisions based upon length of service with a contractor (predecessor) or successor (29 CFR Part 4.173), the incumbent prime contractor shall furnish to the CO a certified list of the names of all service employees on the Contractor's or subcontractor's payroll during the last month of contract performance. Such list shall also contain anniversary dates of employment on the contract either with the current or predecessor contractors of each such service employee. The CO shall provide this list to the successor contractor at the commencement of the succeeding contract.

(o) Rulings and interpretations. Rulings and interpretations of the Act are contained in 29 CFR Part 4.

(p) Contractor’s certification

(1) By entering into this contract, the Contractor (and officials thereof) certifies that neither it (nor he or she) nor any person or firm who has a substantial interest in Contractor’s firm is a person or firm ineligible to be awarded Government contracts by virtue of the sanctions imposed under section 5 of the Act.

(2) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract under section 5 of the Act.

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

(q) Variations, tolerances and exemptions involving employment. Notwithstanding any of the provisions in paragraphs (b) through (o) of this clause, the following employees may be employed in accordance with the following variations, tolerances, and exemptions, which the Secretary of Labor, pursuant to section 4(b) of the Act prior to its amendment by Pub. L. 92-473, found to be necessary and proper in the public interest or to avoid serious impairment of the conduct of Government business.

(1) Apprentices, student-learners, and workers whose earning capacity is impaired by age, physical or mental deficiency, or injury may be employed at wages lower than the minimum wages otherwise required by section 2(a)(1) or 2(b)(1) of the Act without diminishing any fringe benefits or cash payments in lieu thereof required under section 2(a)(2) of the Act, in accordance with the conditions and procedures prescribed for the employment of apprentices, student-learners, handicapped persons, and handicapped clients of sheltered workshops under section 14 of the Fair Labor Standards Act of 1938, in the regulations issued by the Administrator (29 CFR Parts 520, 521, 524, and 525).

(2) The Administrator will issue certificates under the Act for the employment of apprentices, student-learners, handicapped persons, or handicapped clients of sheltered workshops not subject to the Fair Labor Standards Act of 1938, or subject to different minimum rates of pay under the two acts, authorizing appropriate rates of minimum wages (but without changing requirements concerning fringe benefits or supplementary cash payments in lieu thereof), applying procedures prescribed by the applicable regulations issued under the Fair Labor Standards Act of 1938 (29 CFR Parts 520, 521, 524, and 525).

(3) The Administrator will also withdraw, annul, or cancel such certificates in accordance with the regulations in 29 CFR Parts 525 and 528.

(r) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed and individually registered in a bona fide apprenticeship program registered with a State Apprenticeship Agency recognized by the U.S. Department of Labor, or if no such recognized agency exists in a State, under a program registered with the Office of Apprenticeship Training, Employer, and Labor Services (OATELS) U.S. Department of Labor. Any employee who is not registered as an apprentice in an approved program shall be paid the wage rate and fringe benefits contained in the applicable wage determination for the journeyman classification of work actually performed. The wage rates paid apprentices shall not be less than the wage rate for their level of progress set forth in the registered program, expressed as the appropriate percentage of the journeyman's rate contained in the applicable wage determination. The allowable ratio of apprentices to journeymen employed on the contract work in any craft classification shall not be greater than the ratio permitted to the Contractor as to his entire work force under the registered program.

(s) Tips. An employee engaged in an occupation in which the employee customarily and regularly receives more than $30 a month in tips may have the amount of these tips credited by the employer against the minimum wage required by section 2(a)(1) or section 2(b)(1) of the Act, in accordance with section 3(m) of the Fair Labor Standards Act and regulations, 29 CFR Part 531. However, the amount of the credit shall not exceed $1.34 per hour beginning January 1, 1981. To use this provision—
  (1) The employer must inform tipped employees about this tip credit allowance before the credit is utilized;
  (2) The employees must be allowed to retain all tips (individually or through a pooling arrangement and regardless of whether the employer elects to take a credit for tips received):
  (3) The employer must be able to show by records that the employee receives at least the applicable Service Contract Act minimum wage through the combination of direct wages and tip credit; and
  (4) The use of such tip credit must have been permitted under any predecessor collective bargaining agreement applicable by virtue of section 4(c) of the Act.

(t) Disputes concerning labor standards. The U.S. Department of Labor has set forth in 29 CFR Parts 4, 6, and 8 procedures for resolving disputes concerning labor standards requirements. Such disputes shall be resolved in accordance with those procedures and not the Disputes clause of this contract. Disputes concerning labor standards requirements 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.

FAIR LABOR AND SERVICE CONTRACT LABOR STANDARDS – PRICE ADJUSTMENT (10-4) (MAR 2018)(BPI 10.2.3.3.2)

(a) The Contractor warrants that the prices in this contract do not include any allowance for any contingency to cover increased costs for which adjustment is provided under paragraph (d) below.

(b) The minimum monetary wages and fringe benefits required to be paid or furnished to service employees under this contract as set forth in the wage determination, shall be subject to adjustment if (1) the period of performance of this contract exceeds two years, (2) the contract contains option provisions specifying that a differing wage determination shall apply thereto, (3) an amendment to the Fair Labor Standards Act is enacted revising the minimum wage rate, (4) a contract modification significantly changes the nature of the work, or, (5) the Department of Labor otherwise directs.

(c) The contract price or contract unit priced labor rates will be adjusted to reflect the Contractor's actual increase or decrease in applicable wages and fringe benefits to the extent that the increase is made to comply with the new rates, or the decrease is voluntarily made by the Contractor.

(d) Any such adjustment shall be limited to increases or decreases in wages and fringe benefits as described in paragraph (c) of this clause, and the accompanying increases or decreases in social security and unemployment taxes and workers' compensation insurance, but shall not otherwise include any amount for general and administrative costs, material costs, overhead, or profit. (For example, the prior year wage determination required a minimum wage rate of $4.00 per hour. The Contractor chose to pay $4.10. The new wage determination increases the minimum rate to $4.50 per hour. Even if the Contractor voluntarily increases the rate to $4.75 per hour, the allowable price adjustment is $.40 per hour.)

(e) The Contractor shall notify the Contracting Officer (CO) of any increase claimed under this clause within 30 days after receiving a new wage determination unless this notification period is extended in writing by the CO. The Contractor shall promptly notify the CO of any decrease under this clause, but nothing in the clause shall preclude the Bonneville from asserting a claim within the period permitted by law. The notice shall contain a statement of the amount claimed and any relevant supporting data, including payroll records that the CO may reasonably require. Upon agreement of the parties, the contract price or contract unit price labor rates shall be modified in writing. The Contractor shall continue performance pending agreement on, or determination of, any such adjustment and its effective date.

(f) The CO or an authorized representative shall have access to and the right to examine any pertinent books, documents, papers and records of the Contractor until the expiration of 3 years after final payment under the contract.

SERVICE CONTRACT WAGE DETERMINATION (10-5)
(Oct 2014) (BPI 10.2.2.3(b))

The wage determination(s) referred to in the clause 10-3, Service Contract Labor Standards, are incorporated into the contract, and are identified as follows:

Please see SAM.gov | Search for most up to date SCA wage rates.

NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT (10-6)
(Oct 2014) (BPI 10.1.7.2)

(a) During the term of this contract, the contractor agrees to post a notice, of such size and in such form, and containing such content as the Secretary of Labor shall prescribe, in conspicuous places in and about its plants and offices where employees covered by the National Labor Relations Act engage in activities relating to the performance of the contract, including all places where notices to employees are customarily posted both physically and electronically. The notice shall include the information contained in the notice published by the Secretary of Labor in the Federal Register (Secretary's Notice).
(b) The contractor will comply with all provisions of the Secretary's Notice, and related rules, regulations, and orders of the Secretary of Labor.
(c) In the event that the contractor does not comply with any of the requirements set forth in paragraphs (a) or (b) above, this contract may be cancelled, terminated, or suspended in whole or in part, and the contractor maybe declared ineligible for future Government contracts in accordance with procedures authorized in or adopted pursuant to Executive Order 13496. Such other sanctions or remedies may be imposed as are provided in Executive Order 13496, or by rule, regulation, or order of the Secretary of Labor, or as are otherwise provided by law.
(d) The contractor will include the provisions of paragraphs (a) through (c) above in every subcontract entered into in connection with this contract (unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 3 of Executive Order 13496 of January 30, 2009), so that such provision will be binding upon each subcontractor. The contractor will take such action with respect to any such contract as may be directed by the Secretary of Labor as a means of enforcing such provisions, including the imposition of sanctions for noncompliance: Provided, however, that if the contractor becomes involved in litigation with a subcontractor, or is threatened with such involvement, as a result of such direction, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

PAID SICK LEAVE UNDER EXECUTIVE ORDER 13706 (10-22)
(MAR 2018) (BPI 10.1.12.9)

(a) Definitions. As used in this clause (in accordance with 29 CFR 13.2) –
"Child", "domestic partner", and "domestic violence" have the meaning given in 29 CFR 13.2.

"Employee" –

(1)
(i) Means any person engaged in performing work on or in connection with a contract covered by Executive Order (E.O.) 13706, and
(A) Whose wages under such contract are governed by the Service Contract Labor Standards statute (41 U.S.C. chapter 67), the Wage Rate Requirements (Construction) statute (40 U.S.C. chapter 31, subchapter IV), or the Fair Labor Standards Act (29 U.S.C. chapter 8),
(B) Including employees who qualify for an exemption from the Fair Labor Standards Act's minimum wage and overtime provisions,
(C) Regardless of the contractual relationship alleged to exist between the individual and the employer; and
(ii) Includes any person performing work on or in connection with the contract and individually registered in a bona fide apprenticeship or training program registered with the Department of Labor's

Employment and Training Administration, Office of Apprenticeship, or with a State Apprenticeship Agency recognized by the Office of Apprenticeship.

(2)
  (i) An employee performs “on” a contract if the employee directly performs the specific services called for by the contract; and
  (ii) An employee performs “in connection with” a contract if the employee’s work activities are necessary to the performance of a contract but are not the specific services called for by the contract.

“Individual related by blood or affinity whose close association with the employees is the equivalent of a family relationship” has the meaning given in 29 CFR 13.2.

“Multiemployer” plan means a plan to which more than one employer is required to contribute and which is maintained pursuant to one or more collective bargaining agreements between one or more employee organizations and more than one employer.

“Paid sick leave” means compensated absence from employment that is required by E.O. 13706 and 29 CFR 13.

“Parent”, “sexual assault”, “spouse”, and “stalking” have the meaning given in 29 CFR 13.2.

“United States” means the 50 States and the District of Columbia.

(b) Executive Oder 13706.
  (1) This contract is subject to E.O. 13706 and the regulations issued by the Secretary of Labor in 29 CFR part 13 pursuant to the E.O.
  (2) If this contract is not performed wholly within the United States, this clause only applies with respect to that part of the contract that is performed within the United States.

(c) *Paid sick leave*. The Contractor shall –
  (1) Permit each employee engaged in performing work on or in connection with this contract to earn not less than 1 hour of paid sick leave for every 30 hours worked;
  (2) Allow accrual and use of paid sick leave as required by E.O. 13706 and 29 CFR part 13;
  (3) Comply with the accrual, use, and other requirements set forth in 29 CFR 13.5 and 13.6, which are incorporated by reference in this contract;
  (4) Provide paid sick leave to all employees when due free and clear and without subsequent deduction (except as otherwise provided by 29 CFR 13.24), rebate, or kickback on any account;
  (5) Provide pay and benefits for paid sick leave used no later than one pay period following the end of the regular pay period in which the paid sick leave was taken; and
  (6) Be responsible for the compliance by any subcontractor with the requirements of E.O. 13706, 29 CFR part 13, and this clause.

(d) Contractors may fulfill their obligations under E.O. 13706 and 29 CFR part 13 jointly with other contractors through a multiemployer plan, or may fulfill their obligations through an individual fund, plan, or program (see 29 CFR 13.8).

(e) *Withholding*. The Contracting Officer will, upon his or her 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 or any other Federal contract with the same Contractor, so much of the accrued payments or advances as may be considered necessary to pay employees the full amount owed to compensate for any violation of the requirements of E.O. 13706, 29 CFR part 13, or this clause, including –
  (1) Any pay and/or benefits denied or lost by reason of the violation;
  (2) Other actual monetary losses sustained as a direct result of the violation; and
  (3) Liquidated damages.

(f) Payment suspicion/contract termination/contractor debarment.
  (1) In the event of a failure to comply with E.O. 13706, 29 CFR part 13, or this clause, Bonneville may, on its own action or after authorization or by direction of the Department of Labor and written notification to the Contractor take action to cause suspension of any further payment, advance, or guarantee of funds until such violations have ceased.
  (2) Any failure to comply with the requirements of this clause may be grounds for termination for default or cause.

(3) A breach of the contract clause may be grounds for debarment as a contractor and subcontractor as provided in 29 CFR 13.52.

(g) The paid sick leave required by E.O. 13706, 29 CFR part 13, and this clause is in addition to the Contractor's obligations under the Service Contract Labor Standards statute and Wage Rate Requirements (Construction) statute, and the Contractor may not receive credit toward its prevailing wage or fringe benefit obligations under those Acts for any paid sick leave provided in satisfaction of the requirements of E.O. 13706 and 29 CFR part 13.

(h) Nothing in E.O. 13706 or 29 CFR part 13 shall excuse noncompliance with or supersede any applicable Federal or State law, any applicable law or municipal ordinance, or a collective bargaining agreement requiring greater paid sick leave or leave rights than those established under E.O. 13706 and 29 CFR part 13.

(i) Recordkeeping.

(1) The Contractor shall make and maintain, for no less than three (3) years from the completion of the work on the contract, records containing the following information for each employee, which the Contractor shall make available upon request for inspection, copying, and transcription by authorized representatives of the Administrator of the Wage and Hour Division of the Department of Labor:

(i) Name, address, and social security number of each employee.
(ii) The employee's occupation(s) or classification(s).
(iii) The rate or rates of wages paid (including all pay and benefits provided).
(iv) The number of daily and weekly hours worked.
(v) Any deductions made.
(vi) The total wages paid (including all pay and benefits provided) each pay period.
(vii) A copy of notifications to employees of the amount of paid sick leave the employee has accrued, as required under 29 CFR 13.5(a)(2).
(viii) A copy of employees' requests to use paid sick leave, if in writing, or, if not in writing, any other records reflecting such employee requests.
(ix) Dates and amounts of paid sick leave taken by employees (unless the Contractor's paid time off policy satisfies the requirements of E.O. 13706 and 29 CFR part 13 described in 29 CFR 13.5(f)(5), leave shall be designated in records as paid sick leave pursuant to E.O. 13706(d)(3).
(x) A copy of any written responses to employees' requests to use paid sick leave, including explanations for any denials of such requests, as required under 29 CFR 13.5(d)(3).
(xi) Any records reflecting the certification and documentation the Contractor may require an employee to provide under 29 CFR 13.5(e), including copies of any certification or documentation provided by an employee.
(xii) Any other records showing any tracking of or calculations related to an employee's accrual or use of paid sick leave.
(xiii) The relevant contract.
(xiv) The regular pay and benefits provided to an employee for each use of paid sick leave.
(xv) Any financial payment made for unused paid sick leave upon a separation from employment intended, pursuant to 29 CFR 13.5(b)(5), to relieve the Contractor from the obligation to reinstate such paid sick leave as otherwise required by 29 CFR 13.5(b)(4).

(2)

(i) If the Contractor wishes to distinguish between an employees' covered and noncovered work, the Contractor shall keep records or other proof reflecting such distinctions. Only if the Contractor adequately segregates the employee's time will time spent on noncovered work be excluded from hours worked counted toward the accrual of paid sick leave. Similarly, only if the Contractor adequately segregates the employee's time may the Contractor properly refuse an employee's request to use paid sick leave on the ground that the employee was scheduled to perform noncovered work during the time he or she asked to use paid sick leave.
(ii) If the Contractor estimates covered hours worked by an employee who performs work in connection with contracts covered by the E.O. pursuant to 29 CFR 13.5(a)(i) or (iii), the Contractor shall keep records or other proof of the verifiable information on which such estimates are reasonably based. Only if the Contractor relies on an estimate that is reasonable and based on verifiable information will an employee's time spent in connection with noncovered work be excluded from hours worked counted toward the accrual of paid sick leave. If the Contractor estimates the amount of time an

employee spends performing in connection with contracts covered by the E.O., the Contractor shall permit the employee to use his or her paid sick leave during any work time the Contractor.

(3) In the event the Contractor is not obligated by the Service Contract Labor Standards statute, the Wage Rate Requirements (Construction) statute, or the Fair Labor Standards Act to keep records of an employee's hours worked, such as because the employee is exempt from the Fair Labor Standards Act's minimum wage and overtime requirements, and the Contractor chooses to use the assumption permitted by 29 CFR 13.5(a)(1)(iii), the Contractor is excused from the requirement in paragraph (i)(1)(iv) of this clause and 29 CFR 13.25(a)(4) to keep records of the employee's number of daily and weekly hours worked.

(4)

(i) Records relating to medical histories or domestic violence, sexual assault, or stalking, created for purposes of E.O. 13706, whether of an employee or an employee's child, parent, spouse, domestic partner, or other individual related by blood or affinity whose close association with the employee is the equivalent of a family relationship, shall be maintained as confidential records in separate files/records form the usual personnel files.

(ii) If the confidentiality requirements of the Genetic Information Nondiscrimination Act of 2008 (GINA), section 503 of the Rehabilitation Act of 1973, and/or the Americans with Disabilities Act (ADA) apply to records or documents created to comply with the recordkeeping requirements in this contract clause, the records and documents shall also be maintained in compliance with the confidentiality requirements of the GINA, section 503 of the Rehabilitation Act of 1973, and/or ADA as described in 29 CFR 1635.9, 41 CFR 60-741.23(d), and 29 CFR 1630.14(c)(1), respectively.

(iii) The Contractor shall not disclose any documentation used to verify the need to use 3 or more consecutive days of paid sick leave for the purposes listed in 29 CFR 13.5(c)(1)(iv) (as described in 29 CFR 13.5(e)(1)(ii) and shall maintain confidentiality about any domestic abuse, sexual assault, or stalking, unless the employee consents or when disclosure is required by law.

(5) The Contractor shall permit authorized representatives of the Wage and Hour Division to conduct interviews with employees at the worksite during normal working hours.

(6) Nothing in this contract clause limits or otherwise modifies the Contractor's recordkeeping obligations, if any, under the Service Contract Labor Standards statute, the Wage Rate Requirements (Construction) statute, the Fair Labor Standards Act, the Family and Medical Leave Act, E.O. 13658, their respective implementing regulations, or any other applicable law.

(j) Interference/discrimination.

(1) The Contractor shall not in any manner interfere with an employee's accrual or use of paid sick leave as required by E.O. 13706 or 29 CFR part 13. Interference includes, but is not limited to –

(i) Miscalculating the amount of paid sick leave an employee has accrued;

(ii) Denying or unreasonably delaying a response to a proper request to use paid sick leave;

(iii) Discouraging an employee from using paid sick leave;

(iv) Reducing an employee's accrued paid sick leave by more than the amount of such leave used;

(v) Transferring an employee to work on contracts not covered by the E.O. to prevent the accrual or use of paid sick leave;

(vi) Disclosing confidential information contained in certification or other documentation provided to verify the need to use paid sick leave; or

(vii) Making the use of paid sick leave contingent on the employee's finding a replacement worker or the fulfillment of the Contractor's operational needs.

(2) The Contractor shall not discharge or in any other manner discriminate against any employee for –

(i) Using, or attempting to use, paid sick leave as provided for under E.O. 13706 and 29 CFR part 13;

(ii) Filing any complaint, initiating any proceeding, or otherwise asserting any right or claim under E.O. 13706 and 29 CFR part 13;

(iii) Cooperating in any investigation or testifying in any proceeding under E.O. 13706 and 29 CFR part 13; or

(iv) Informing any other person about his or her rights under E.O. 13706 and 29 CFR part 13.

(k) *Notice*. The Contractor shall notify all employees performing work on or in connection with a contract covered by the E.O. of the paid sick leave requirements of E.O. 13706, 29 CFR part 13, and this clause by posting a notice provided by the Department of Labor in a prominent and accessible place at the worksite so it may be

readily seen by employees. Contractors that customarily post notices to employees electronically may post the notice electronically, provided such electronic posting is displayed prominently on any website that is maintained by the Contractor, whether external or internal, and customarily used for notices to employees about terms and conditions of employment.

(l) *Disputes concerning labor standards*. Disputes related to the application of E.O. 13706 to this contract shall not be subject to the general disputes clause of the contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR part 13. Disputes within the meaning of this contract clause include disputes between the Contractor (or any of its subcontractors) and Bonneville Power Administration, the Department of Labor, or the employees or their representatives.

(m) *Subcontracts*. The Contractor shall insert the substance of this clause, including this paragraph (m), in all subcontracts, regardless of the dollar value, that are subject to the Service Contract labor Standards statute or the Wage Rate Requirements (Construction) statute, and are to be performed in whole or in part in the United States.

CONTRACT ADMINISTRATION REPRESENTATIVES (14-2)
(MAR 2018)(BPI 14.1.5(b))

(a) In the administration of this contract, the Contracting Officer may be represented by one or more of the following: Contracting Officer's Representative, Receiving Inspector, and/or Field Inspector for technical matters.

(b) These representatives are authorized to act on behalf of the Contracting Officer in all matters pertaining to the contract, except: (1) contract modifications that change the contract price, technical requirements or time for performance; (2) suspension or termination of the Contractor's right to proceed, either for default or for convenience of Bonneville; and (3) final decisions on any matters subject to appeal, as provided in a disputes clause. In addition, Field Inspectors may not make final acceptance under the contract.

BANKRUPTCY (14-18)
(Oct 2005)(BPI 14.19.3)

In the event the Contractor enters into proceedings relating to bankruptcy, whether voluntary or involuntary, the Contractor agrees to furnish written notification of the bankruptcy to the Contracting Officer responsible for administering the contract. This notification shall be furnished within five days of the initiation of the proceedings relating to bankruptcy filing. This notification shall include the date on which the bankruptcy petition was filed, the identity of the court in which the bankruptcy petition was filed, and a listing of Government contract numbers and contracting officers for all Government contracts against final payment has not been made. This obligation remains in effect until final payment under this contract.

CONTRACTOR COMPLIANCE WITH BONNEVILLE POLICIES (15-4)
(MAR 2018)(BPI 15.3.1.1(a))

(a) The contractor shall comply with all Bonneville policies affecting the Bonneville workplace environment. Examples of specific policies are:
   (1) Bonneville Smoking Policy (Bonneville Policy 440-1),
   (2) Use of Alcoholic Beverages, Narcotics, or Illegal Drug Substances on Bonneville Property or When in Duty Station (BPAM 400/792C),
   (3) Firearms and Other Weapons (BPAM 1086),
   (4) Standards of conduct regarding transmission information (BPI 3.2),
   (5) Identification Badge Program (Bonneville Security Standards Manual, Chapter 200-3)
   (6) Information Protection (Bonneville Policy 433-1),
   (7) Safeguards and Security Program (Bonneville Policy 430-1);
   (8) Managing Access and Access Revocation for NERC CIP Compliance (Bonneville Policy 430-2);
   (9) Cyber Security Program(Bonneville Policy 434-1),
   (10) Business Use of Bonneville Technology Services (BPAM Chapter 1110),

(11)Prohibition on soliciting or receiving donations for a political campaign while on federal property (18 U.S.C. § 607),
(12)Guidance on Violence and Threatening Behavior in the Workplace (DOE G 444-1-1),
(13)Inspection of persons, personal property and vehicles (41 CFR § 102-74.370),
(14)Preservation of property (41 CFR § 102-74.380),
(15)Compliance with Signs and Directions (41 CFR § 102-74.385),
(16)Disturbances (41 CFR § 102-74.390),
(17)Gambling Prohibited (41 CFR § 102-74.395),
(18)Soliciting, Vending and Debt Collection Prohibited (41 CFR § 102-74.410),
(19)Posting and Distributing Materials (41 CFR § 102-74.415)
(20)Photographs for News, Advertising or Commercial Purposes (41 CFR § 102-74.420), and
(21)Dogs and Other Animals Prohibited (41 CFR § 102-74.425).

(b) The contractor shall obtain from the CO information describing the policy requirements. A contractor who fails to enforce workplace policies is subject to suspension or default termination of the contract.

HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (15-6)
(MAR 2018)(BPI 15.4.2)

(a) The Contractor agrees to submit a Material Safety Data Sheet (Department of Labor Form OSHA-20), as prescribed in Federal Standard No. 313C, for all hazardous material 5 days before delivery of the material whether or not it is listed in Appendix A of the Standard. This obligation applies to all materials delivered under this contract which will involve exposure to hazardous materials or items containing these materials.
(b) "Hazardous material," as used in this clause, is as defined in Federal Standard, No. 313C, in effect on the date of this contract.
(c) Neither the requirements of this clause nor any act or failure to act by Bonneville shall relieve the Contractor of any responsibility or liability for the safety of Bonneville, Contractor, or subcontractor personnel or property.
(d) The Contractor shall comply with applicable Federal, state, and local laws, codes, ordinances, and with regulations (including the obtaining of licenses and permits) in connection with hazardous material.
(e) The Contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts at any tier (including purchase orders) under this contract involving hazardous material.

CONTRACTOR SAFETY AND HEALTH (15-12)
(MAR 2018)(BPI 15.6.4.1(a))

(a) The Contractor shall furnish a place of employment that is free from recognized hazards that cause or have the potential to cause death or serious physical harm to employees; and shall comply with occupational safety and health standards promulgated under the Occupational Safety and Health Act of 1970 (Public Law 91-598). Contractor employees shall comply with occupational safety and health standards and all rules, regulations, and orders issued pursuant to this Act which are applicable to their own actions and conduct.
  (1) All construction contractors working on contracts in excess of $100,000 shall comply with Department of Labor Contract Work Hours and Safety Standards (40 U.S.C. § 3701 et seq.).
  (2) The Contractor shall comply with:
    (i) National Fire Protection Association (NFPA) National Fire Codes for fire prevention and protection applicable to the work or facility being occupied or constructed;
    (ii) NFPA 70E, *Standard for Electrical Safety in the Workplace;*
    (iii) American Conference of Governmental Industrial Hygiene *Threshold Limit Values for Chemical Substances and Physical Agents* and Biological Exposure Indices; and,
    (iv) Any additional safety and health measures identified by the Contracting Officer.

  This clause does not relieve the Contractor from complying with any additional specific or corporate safety and health requirements that it determines to be necessary to protect the safety and health of employees.

(b) The Contractor bears sole responsibility for ensuring that all contractor's workers performing contract work possess the necessary knowledge and skills to perform the work correctly and safely. The Contractor shall

make any training and certification records necessary to demonstrate compliance with this requirement available for review upon request by Bonneville.

(c) The Contractor shall hold Bonneville and any other owners of the site of work harmless from any and all suits, actions, and claims for injuries to or death of persons arising from any act or omission of the Contractor, its subcontractors, or any employee of the Contractor or subcontractors, in any way related to the work under this contract.

(d) The Contractor shall immediately notify the Contracting Officer (CO), the Contracting Officer's Representative (COR), and the Safety Office by telephone at (360) 418-2397 of any death, injury, occupational disease or near miss arising from or incident to performance of work under this contract.
   (1) The Bonneville Safety Office business hours are 7:00 AM to 4:00 PM Pacific Time. If the Safety Office Officials are not available to take the phone call the contractor shall leave a voicemail that includes the details of the event, and the Contractor's contact information. The Contractor shall periodically repeat the phone call to the Safety Office until the Contractor is able to speak directly with a Bonneville Safety Official.
   (2) The Contractor shall follow up each phone call notification with an email to SafetyNotification@bpa.gov immediately for any fatality or within 24 hours for non-fatal events.
   (3) The Contractor shall complete Bonneville form 6410.15e Contractor's Report of Personal Injury, Illness, or Property Damage Accident and submit the form to the CO, COR, and Safety Office within five (5) working days of such an occurrence. The Contractor shall include photographs and witness statements with the report.
   (4) In the case of a Near Miss Incident that does not involve injury, illness, or property damage, the Contractor shall complete Bonneville Form 6410.18e Contractor's Report of Incident/Near Miss and submit the form to the CO, COR, and Safety Office within five (5) working days of such an occurrence. The Contractor shall include photographs and witness statements with the report.

(e) Notification of Imminent Danger and Workers Right to Decline Work
   (1) All workers, including contractors and Bonneville employees, are responsible for identifying and notifying other workers in the affected area of imminent danger at the site of work. Imminent danger is any condition or practice that poses a danger that could reasonably be expected to cause death or severe physical hardship before the imminence of such danger could be eliminated through normal procedures.
   (2) A contract worker has the right to ask, without reprisal, their onsite management and other workers to review safe work procedures and consider other alternatives before proceeding with a work procedure. Reprisal means any action taken against an employee in response to, or in revenge for, the employee having raised, in good faith, reasonable concerns about a safety and health aspect of the work required by the contract.
   (3) A contract worker has the right to decline to perform tasks, without reprisal, that will endanger the safety and health of themself or of other workers.
   (4) The Contractor shall establish procedures that allow workers to cease or decline work that may threaten the safety and health of the worker or other workers.

(f) Bonneville encourages all contractor workers to raise safety and health concerns as a way to identify and control safety hazards. The Contractor shall develop and communicate a formal procedure for submittal, resolution, and communication of resolution and corrective action to the worker submitting the concern. The procedure shall (1) encourage workers to identify safety and health concerns directly to their supervisor and employer using the employer's reporting process; and (2) inform workers that they may raise safety concerns to Bonneville or the State OSHA. Workers may notify the Safety Office at (360) 418-2397 if the employer's work process does not resolve the worker's safety and health concern. Bonneville may coordinate the response to a contractor worker's safety and health concerns with the State OSHA when necessary to facilitate resolution.

(g) Bonneville employees may direct the contractor to stop a work activity due to safety and health concerns. The Bonneville employee shall notify the Contractor orally with written confirmation, and request immediate initiation of corrective action. After receipt of the notice the Contractor shall immediately take corrective action to eliminate or mitigate the safety and health concern. When a Bonneville employee stops a work activity due to a safety and health concern the Contractor shall immediately notify the CO, provide a description of the event, and identify the Bonneville employee that halted the work activity. The Contractor shall not resume the stopped work activity until authorization to resume work is issued by a Bonneville Safety Official. The

Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule when Bonneville stops a work activity due to safety and health concerns that occurred under the Contractor's control.

(h) The Contractor shall keep a record of total monthly labor hours worked at the site of work. The Contractor shall include a separate calculation of the monthly total labor hours for each subcontractor in the contractor's monthly data. Upon request by the CO, COR or Bonneville Safety Office, the Contractor shall provide the total labor hours for a completed month to Bonneville no later than the 15th calendar day of the following month. The requestor shall identify the required reporting format and procedures.

(i) The Contractor shall include this clause, including paragraph (i) in subcontracts. The Contractor may make appropriate changes in the designation of the parties to reflect the prime contractor--subcontractor arrangement. The Contractor is responsible for enforcing subcontractor compliance with this clause.

CONTRACTOR SAFETY AND HEALTH REQUIREMENTS (15-13)
(MAR 2018)(BPI 15.6.4.1(b))

(a) The Contractor shall prepare a site specific safety plan (SSSP) and submit the SSSP to the Contracting Officer (CO) or the CO's designee. The Contractor is prohibited from performing on site work without written authorization from the CO. The CO is prohibited from issuing an authorization to proceed with on-site work until the Bonneville Safety Office has reviewed the SSSP and any concerns are resolved.

(b) The Contractor shall follow the work procedures provided in the *Contractor Safety and Health Requirements for Prime and Subcontractors*. The full text of the *Contractor Safety and Health Requirements for Prime and Subcontractor*s is available at http://www.bpa.gov/Doing%20Business/purchase/Pages/default.aspx.

(c) The Contractor shall include this clause in all subcontracts.

HOMELAND SECURITY (15-18)
(MAR 2018) (BPI 15.10.3)

(a) If any portion of the Contractor's maintenance or support service is located in a foreign country, then the Contractor will disclose those foreign countries to Bonneville to determine if the foreign country is on the Sensitive Country List or is a Terrorist Country as determined by the United States Department of State. Bonneville will notify the Contractor in writing whether or not it can allow an intangible export of Bonneville's Critical Information or if a Deemed Export License is required.

(b) The Contractor shall notify the CO in writing in advance of any consultation with a foreign national or other third party that would expose them to Bonneville Critical Information. Bonneville will approve or reject consultation with the third party.

(c) Notification of Security Incident. The Contractor shall immediately notify Bonneville's Office of the Chief Information Officer (OCIO) Chief Information Security Officer (CISO) of any security incident and cooperate with Bonneville in investigating and resolving the security incident. In the event of a security incident, the Contractor shall notify the CISO by telephone at 503-230-5088 and ask for a Cyber Security Officer. Bonneville may also provide in writing to the Contractor alternate phone numbers for contacting Cyber Security Officers. A call back voice message may be left but not the details of the Security Incident.

SAFETY VERIFICATION SUBSCRIPTION (15-52)
(MAR 2018)

The Contractor agrees to maintain, a subscription with Bonneville's third party safety verification provider for the duration of this Contract. For subscription information, please visit http://www.bpa.gov/Doing%20Business/Pages/Contractor-Safety.aspx. The information requested will assist Bonneville in evaluation of the health, safety and environmental performance of the Contractor.

A minimum safety rating of "C" is required for performing the services requested in this contract. Depending on the size of this contract action and other scope-specific factors, contractors with a rating of "C" may be required by

Bonneville to provide safety risk mitigation at no cost. This mitigation may include a requirement to have a full time safety professional at the contract location during the performance of the work.

In the event that the Contractor's safety rating falls below a “C” rating, Contractor shall promptly take all steps necessary to improve the rating to maintain a rating of “C” or better during the performance of the Contract. If the Contractor does not improve such rating within 30 days after the issuance of the rating, Contractor shall be considered to have an unacceptable safety performance rating and the Contracting Officer shall determine the course of action, up to and including contract termination.

Bonneville makes no representation about the quality of services being performed by the third party safety verification provider. The use of information obtained from the third party safety verification provider in connection with this contract shall not constitute, nor be construed as, an assumption of responsibility or liability for safety under the Contract by Bonneville. Use of information obtained by Bonneville does not relieve Contractor from its legal and contractual obligations. The third party safety verification provider is an independent contractor and is not an agent of Bonneville. Any acts or omissions by the third party safety verification provider shall not be considered an act or omission of Bonneville.

WORK ON A GOVERNMENT INSTALLATION (16-7)
(MAR 2018) (BPI 16.4.8.1)

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in this contract.
(b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government’s interest shall not be effective –
    (1) For such period as the laws of the State in which this contract is performed prescribe; or
    (2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.
(c) Each insurance policy required under this contract, other than workers’ compensation insurance, shall contain an endorsement naming the United States as an additional insured with respect to operations performed under this contract. The insurance carrier is required to waive all subrogation rights against any of the named insured.
(d) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors’ proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

RELEASE OF CLAIMS (21-4)
(MAR 2018)(BPI 21.3.10.1)

After completion of work, and prior to final payment, the Contracting Officer may, at his or her option, require the Contractor to furnish a release of claims against Bonneville arising out of the contract, other than claims specifically excepted from the operation of the release.

LIMITATION ON TRAVEL COSTS (22-50)
(MAR 2018)

Costs incurred for lodging, meals, and incidental expenses shall be reimbursed on an actual cost basis to the extent that they do not exceed, on a daily basis, the per diem rates in effect at the time of travel as set forth in the Federal Travel Regulation, prescribed by the General Services Administration, for travel in the conterminous 48 United States. Per Diem shall be authorized for travel in excess of 12 hours and shall not exceed 75% of the

daily rate for the first and last day of official travel. Lodging and other expenses exceeding $75.00 must be supported with receipts, which shall be submitted with the request for payment.

Airline costs will be reimbursed on an actual cost basis to the extent determined reasonable and allocable under the Bonneville Purchasing Instructions, Appendix 13A, “Contract Cost Principles for Commercial Organizations”. Generally, airline costs will be limited to coach or economy class. Any variation from these requirements must be approved by the Contracting Officer. Contractors may request a letter from the Contracting Officer, authorizing access to an airline, lodging, or other rates negotiated for government travel to the extent such authorization is honored by the service providers.

Per Diem rates are available at: https://www.gsa.gov/policy-regulations/regulations/federal-travel-regulation/federal-travel-regulation-and-related-files

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(11-18)
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U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT/ORDER

OMB

PAPERWORK REDUCTION ACT BURDEN DISCLOSURE STATEMENT

This data is used to amend a solicitation or modify a contract or order. This form will assist in ensuring all changes are applied appropriately. Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching for existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send any comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Office of the Chief Information Officer, Enterprise Policy Development & Implementation Office, IM-22, Paperwork Reduction Program (OMB) US Department of Energy, 1000 Independence Ave, SW, Washington, DC 20585-1290; and to the Office of Management & Budget (OMB), OIRA, Paperwork Reduction Project (OMB), Washington, DC 20503.

1. Solicitation/Contract/Order Number:	2. Amendment/Modification Number:
BPA - 19 - D - 81891	M - 004

3. Effective Date:	4. Requisition/Purchase Req Number *(used for COOP event only)*:	5. Contract Specialist *(Name, Phone, Email)*:
09/01/2022		Holtcamp Jr,Terry A (BPA) - NSSV-4400-2 taholtcamp@bpa.gov.

AMENDMENTS OF SOLICITATIONS

6. The above numbered solicitation is amended as set forth in Item 12. The hour and date specified for receipt of Offers,
☐ is extended to ☐ is not extended.

Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation. If a signature is requested in Item 11, acknowledge this amendment by completing Items 13 and 14 and returning the amendment with your proposal. Failure of your acknowledgment to be received at the place designated for the receipt of proposal prior to the hour and date specified may result in rejection of your proposal. If by virtue of this amendment you desire to change a proposal already submitted, such a change must be received prior to the due date and hour specified in the solictation.

MODIFICATIONS OF CONTRACTS/ORDERS (Modifies the contract/order as described in item 12.)

CHECK ONE	
☐	7. This unilateral modification is issued pursuant to: (*specify authority below*). The changes set forth in item 12 are made in the Contract/Order in Item 1.
☐	8. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, spelling correction, etc.*) set forth in item 12 pursuant to the authority of BPI Part 14.10.3(b)(1).
☑	9. Bilateral/Other (*specify authority*): OPTION TO EXTEND (7-40)(MAR 2018).

10. Accounting and Appropriation Data *(used for COOP event only)*:

IMPORTANT 11. Contractor ☐ is not, ☑ is required to sign this document and return via email to the Contract Specialist.

12. Description of Amendment/Modification (*Attach additional documentation if needed and state SEE CONTINUATION SHEET.*)

The purpose of this modification is to exercise Option Year 003 and because of this:

1) The performance period end date is extended to 08/31/2023.

This modification represents the total equitable adjustment for the changes described herein.

All other terms and conditions remain the same.

Except as provided herein, all terms and conditions of the document referenced in Item 1 or 2 remain unchanged.

13. Company Name:
NC Services.

14a. Name, Phone and Title of Signer:	15a. Name of Contracting Officer:
Mitch Pinkston - (b) (6) President	Holtcamp Jr,Terry A (BPA).

14b. Contractor/Offeror	14c. Date Signed:	15b. Signature of Contracting Officer	15c. Date Signed:
(b) (6) (*Signature of person authorized to sign*)	9-7-22	TERRY HOLTCAMP By: _____ (*Signature of Contracting Officer*) Digitally signed by TERRY HOLTCAMP Date: 2022.09.09 18:18:53 -07'00'	

B. SCHEDULE OF ITEMS/CONTINUATION PAGE

Line Item No.	Description	Quantity	Unit	Unit Price	Amount
0001	BARE GROUND TREATMENTS AREAS 2, 3, 6 & 7.	1	Job	Each	$0.00
			TOTAL - All Items		$0.00
			There remains sufficient funds on the contract to cover Option Year 003.		

C. SUBMISSION OF INVOICES & CONTACT INFORMATION

1. Invoices should be sent electronically to:

   Vegmgmt@bpa.gov

2. Payment Terms:

   Net 15

3. Bonneville Contact Information:

   Bonneville Office: Bonneville Power Administration
   Attention: Strombom,Jennifer L (BPA) - TFBV-CHEMAWA
   Contact Email: <jlknoellinger@bpa.gov>

4. Contractor Contact Information:

   Company Name: NC Services
   Attention: (b) (6)

D. DELIVERY INFORMATION

Line Item No.	Period of Performance/ Delivery Date	Quantity	Unit	Delivery Terms	Ship To Address or Place of Performance
0001	8/31/2023	1.00	Job	Block 11	See SOW/SOP.

E. INSPECTION AND ACCEPTANCE TERMS

All line item(s) in Section B will be inspected and accepted by the COR at the address specified in Section C unless otherwise stated in the table below.

Line Item No.	Inspection At/Inspection By		Acceptance At/Acceptance By		Additional Info
0001	Government	Government	Government	Government	

F. ATTACHMENTS

	Description
F1	Statement of Work.
F2	Commercial Terms and Conditions.
F3	Wage Determinations Table.
F4	Schedule of Prices. See Terms and Conditions.
F5	

Bonneville Power Administration Bare Ground Vegetation Control.

Statement of Work.

Substations, Switchyards, Microwave Sites, and other identified areas.

Section 1: GENERAL

This contract is for the implementation of the bare ground vegetation management program for facilities located within the Bonneville Power Administration's (BPA) identified regional service areas:

Area 2: Olympia and Longview Districts,
Area 3: Salem, Eugene, and North Bend Districts,
Area 6: Kalispell District
Area 7: Idaho Falls District

The Contractor will be responsible for providing a continual, vegetation-free environment at these facilities. The contractor shall be the professional resource to apply and determine where the most practical and effective treatment combinations are required, within the parameters of this document, to achieve a vegetation-free environment. The contractor will provide all follow-up reviews and inspections to assure that this contract is performed to the standards contained herein.

Section 2: TECHNICAL

1. The Contractor shall furnish all equipment, tools, and **herbicides**; drift control agents, additives, supplies, transportation and labor required for the successful execution of this contract, according to the specifications, provisions and attachments contained herein.

2. The Contractor shall apply herbicides (and other approved necessary products/methods) to the list of facilities identified in this Statement of Work (SOW). Facilities include substations, microwave sites, and field switch platform locations. The Contractor shall not sub-contract herbicide application under this contract.

3. The Contractor shall use the appropriate herbicide regime to manage all vegetation in areas identified as bare ground or gravel (in blue highlight) in drawings that will be supplied to contractor with award documents. The primary treatment method will be broadcast residual herbicide application. This does not preclude the use of other methods of vegetation management. Foliar herbicide, manual, mechanical and other methods may be needed to satisfy the requirements of this contract. Several facilities have sensitive environmental resources on or adjacent to the facility, and can be located on federal lands that may have further restrictions on the use of residual herbicides. The Contractor will develop a program under those limitations so that a vegetation-free environment can be maintained.

4. At substations, the Contractor shall apply all herbicide products inside the substation fence and an additional 10 foot perimeter outside the fence. Where high-security perimeter fencing prevents spraying through the fence, the Contractor shall spray the 10 foot perimeter from outside the fence. The contractor is to ensure that the herbicide products do not spray beyond the exterior 10 foot distance. At switchyard platforms, vegetation will be managed to eliminate contact with the ground mat, and may include driveways, parking areas, and field switching areas. Acreages at each switch platform location will vary.

5. The Contractor shall obtain all necessary licenses and permits. Herbicide applicator employees shall have appropriate State Herbicide Applicator's License(s).

6. When available, Contractor will use BPA supplied safety watcher. The Contractor shall contact the District's Chief Substation Operator at least 60 days prior to treatments (exception for base year in which case within two weeks (2) after contract award, and no less than 45 days prior to commencing work) to schedule a BPA supplied safety watcher if available as determined by the Chief Substation Operator.

7. A BPA representative (Substation Operator) or contract safety watcher, approved by the Contracting Officer's Representative (COR) at each site, will provide access to each facility (some facilities, such as switch platforms, may be publicly accessible). Some electrical equipment (Capacitor yards) within substation grounds may require a clearance prior to applications being performed. The contractor shall coordinate with the Chief Operator of the district to determine appropriate schedules and clearances.

8. All herbicide application work shall be completed by, or under the supervision of, an individual with a valid herbicide license as required by state law, and provide the license upon request for BPA inspection. A copy of this license shall be furnished to the COR prior to starting work. The Contractor shall conduct all operations and public contacts in a manner creditable to the Government and the Contractor.

9. The COR or Field Inspector will meet or make contact with the contract supervisor to discuss activities and the plans for treatment. No work will be performed on the weekends and/or holidays, unless special conditions require work outside of normal hours, and with the approval of the COR or Field Inspector 2 working days prior.

Section 3: HERBICIDE APPLICATIONS AND ENVIROMENTAL PROTECTION

1. The Contractor shall apply herbicides in accordance with the label and consistent with standard industry practices. All herbicides, applications, mixtures, and adjuvants utilized must be consistent with BPA's List of Approved Herbicides.

2. The contractor shall select the herbicide product to be used, rotating the group number selection as necessary to prevent herbicide resistance evolving in vegetative species. Information on past applications is available from the COR.

3. Herbicide application rates and mixes shall be the responsibility of the Contractor. In no case shall the mixtures exceed the label rates for a particular herbicide or herbicide formulation. Certain facilities may have restrictions/mitigations that limit options for herbicide use. The COR may determine herbicide application rates and mixes at these sites and that information will be included in this contract. Additional guidelines for application rates and mixes are contained in Herbicide Impacts Mitigation Measures - Substation.

4. Prior to any herbicide applications, the Contractor shall thoroughly review the project area, along with substation vegetation management drawings and associated environmental documentation to identify and mark, if necessary, any buffer requirements, specific herbicide restrictions, or other mitigations/restrictions identified. The contractor shall adhere to the restrictions and/or mitigations identified in the contract documentation. Current substation vegetation drawings will be supplied in the contract documentation, identifying specific areas of treatment and restrictions on herbicide use due to the presence of sensitive resources (i.e. water, wells, vaults, secondary containment). Restrictions on herbicide use are detailed in Mitigation Measures - Substations and are to be applied to the substation management drawings.

5. The Contractor shall follow all weather restriction requirements and will observe all label, Federal, State, and local weather requirements relating to herbicide applications. No applications are allowed during periods of excessive moisture or wind, or during periods of low visibility (darkness or fog). The Contractor is responsible for making adjustments to schedules to assure compliance is maintained.

6. The contractor shall follow product label directions, as required by FIFRA, including "mandatory" statements (such as registered uses, maximum use rates, application restrictions, worker safety standards, environmental hazards, weather restrictions, and equipment cleaning).

7. The contractor shall follow all product label "advisory" statements (such as techniques for mixing, applying and cleaning within the mandatory requirements, recommendations for protection clothing, guidelines for differing soil types, etc.).

8. The contractor shall have a copy each herbicide label and Material Safety Data Sheet (MSDS) of products in use at work sites during all mixing and applications. The Contractor shall use drift reduction agents, as appropriate, to reduce the drift hazard when applying herbicides as broadcast or localized foliar treatments.

9. All herbicide applications shall be applied using liquid formulations in substations and microwave sites. Granular formulations may be applied, but only after prior approval from the COR. Switchyard platforms may be managed with liquid and/or dry (pelletized) herbicide formulations. With the COR's approval, and after review by BPA, new products or use areas may be used. BPA has the option to revise its Approved Herbicide List during any option performance year in the contract.

   The contractor shall identify and mark each of the facilities' catch basins, outfalls, containment liners, and utility vaults (to ensure no herbicides enter drainage or containment systems). The contractor may elect to cover the entry points to these systems to ensure no exposure to chemical formulations. If unable to locate drains, the Contractor shall contact the COR and/or Substation Operator for help locating the drain. These systems may have buffer requirements for certain chemicals, or may require "non-surface advisory warning" herbicides identified by substation maps. Substation maps are stored at (https://portal.bud.bpa.gov/orgs/ppa/ROW/vegetation/Substation%20Vegetation%20Management%20Drawings/Forms/AllItems.aspx).

10. The Contractor shall not apply herbicide in any stream, wetland, standing water, or any body of water. Some facilities may have standing water at certain times of the year. No applications can be made to facilities with standing water present.

11. Soil residual herbicide applications shall not be made when soils are saturated or when heavy precipitation is imminent (forecast within 12 hours).

14. The contractor shall use appropriate anti-siphon devices/methods when filling herbicide tanks from any water sources.

15. The Contractor shall ensure all mixing and loading areas for herbicide control are at least 250 feet from any waterway, well, or wetland areas.

16. The Contractor shall immediately notify BPA and the appropriate Federal/State of any and all spills, chemical or otherwise. The Contractor, at their expense and in accordance with the appropriate regulations, will clean up all spills immediately. Refer to the facility's Spill Prevention, Control and Countermeasure (SPCC) plan in the event of a spill (located inside each substation facility (some facilities do not have SPCC plans)). The Contractor and applicable personnel will be required to cooperate with any BPA or State investigation surrounding any spill.

17. The Contractor shall empty all herbicide containers which are triple rinsed and dispose them in accordance with applicable state and county regulations. No empty containers will be disposed of on BPA property. The Contractor is responsible for removal, from BPA property, all litter and/or garbage generated by the Contractor, his employees or representatives.

18. At times, weeds and other debris will blow into the control areas and along fences. Application of herbicides over this debris has shown to be ineffective. The Contractor is required to remove this debris from treatment areas before applications are performed.

19. The COR, or his Field Inspector, without prior notification, may test the product(s) being applied to substation yards for content and strength at any time during application. Failure to perform herbicide application to manufacturer's label recommendations may result in all work being stopped.

20. All spray mixes shall have blue marking die add to the mix so BPA personnel can inspect for overspray on equipment.

21. All district maintenance headquarters are to be treated after 5 p m. or on weekends to minimize herbicide exposer to BPA employees and to treat parking areas.

Section 4: NOTIFICATIONS AND RECORD-KEEPING

1. The Contractor shall obtain permission from private landowners or occupants prior to entering or taking water from their property and shall assume all responsibility to acquire and handle thereof.

2. Within two weeks of contract award, the Contractor shall notify the COR, Chief Substation Operator, or Field Inspector, of the schedule for herbicide application. Unless agreed to by the COR, Chief Substation Operator, or their Field Representative, coordination must occur at least 6 months prior to work initiation to assure compliance with outage scheduling for significant equipment and staff availability. Schedules will also be cross-referenced with planned Construction work and may require modifications as to not interrupt on-going projects

3. In October of each year, the Contractor shall notify the COR, Chief Substation Operator, or Field Inspector, of the schedule for herbicide application. Coordination must occur at least 90 days prior to work initiation to assure compliance with outage scheduling for significant equipment and staff availability. Schedules will also be cross-referenced with planned Construction work and may require modifications as to not interrupt on-going projects.

4. A TFBV Daily Herbicide Application Log (or a State mandated equivalent form) shall be completed for each facility at the time of application and submitted to the COR along with payment and invoice documents. No payment will be made for any work not documented by a BPA Form 5462.02 or equivalent.

5. The Contractor is responsible for submitting appropriate herbicide information on all applications to the state(s) that applications were made, as outlined in state regulations.

Section 5: SAFETY AND PROPERTY PROTECTION-

1. The Contractor shall be required to follow all applicable BPA regulations pertaining to entry and applicable safety rules contained in BPA's Accident Prevention Manual.

2. The Contractor shall be required to have a Job Hazard Analysis (JHA) on file and approved by BPA. Prior to entering a facility, a daily safety job briefing will be conducted in accordance with the Contractor's JHA and BPA's Accident Prevention Manual J-1 job briefing protocol.

3. Each person entering a BPA substation is required to sign the Security Log and record time of entry and departure, reason for entry, and organization represented. Supervisors are permitted to sign in and out for members of their crew, listing each person's name and entering it into the Security Log. At substations without a Security Log, the entry information is entered into the Substations Operating Log.

4. All Contractor employees will wear approved non-metallic **white** hard hats while performing work under this contract, with no exceptions. The Contractor shall furnish hard hats and other required safety equipment except that which has been specified to be furnished by the Government. See BPA's Contractor Safety & Health Requirements for additional PPE information.

5. The Contractor's equipment shall **not exceed 8 feet 6 inches** in height, including antenna. Any hoses that the contractor use must be non-conductive.

6. Whenever a Contractor employee enters an energized substation yard, communication equipment sites or building of the Government, or whenever work is in proximity to the Government's normally-energized transmission facilities, the Contractor shall provide for the safety of the crew and shall at all times take necessary precautions to protect the Government's facilities from accidental contact that will cause an outage or damage the facilities**. Do not apply herbicide directly on to electrical equipment, including all: cabinets, switches, switchboxes, control panels, conduit, standpipes, stations, grounding equipment, etc., that contains, or may contain, wires, breakers, switches, meters, gauges, etc., and all handles for opening or operating such. Electrical equipment also includes all gates, buildings, tools and toolboxes. Minimal overspray on concrete and metal tower legs is allowable as long as it is not on electrical equipment, and is minimized.**

7. The Contractor is required to immediately and safely clean all overspray off electrical equipment before leaving the site. If overspray is discovered on electrical equipment after the Contractor leaves, they shall return to the site and clean the electrical equipment at their own expense.

8. The Contractor will be escorted by BPA Substation Operators or approved BPA Safety Watchers for access and security reasons. No spray vehicle will be allowed to maneuver within **30 feet** of energized equipment without the full attention of BPA electrical personnel (yellow hat) or a BPA-approved safety watcher provided by the Contractor.

9. Upon receipt of a written notice issued by the Government of an injury or property damage claim, the Contractor will have 30 days to take the required remedial action.

10. Fueling of any gasoline vehicle or power tool on a transmission line right-of-way or within a substation or a communications site requires that the Contractor use safe practices. Safe practices include:
    A. The fueling device should be grounded and bonded to the object being fueled before any vapors are permitted to escape;
    B. No ungrounded object or person should be allowed within the zone of escaping vapors;
    C. Metal containers shall be used;
    D. Plastic or any other non-conductive container shall not be used.

11. The contractor shall leave MSDS/SDS sheets at each area treated, by the log book.

Section 6: DELIVERABLES

1. The contractor will communicate directly with BPA Points of Contact (below) at least 7 months prior to treatments (exception for base year in which case within two weeks (2) after contract award, remembering 500kV substations require at least 6 month notice prior to work, and 6 months prior to the month you want to work for spraying Capacitor yards) to properly schedule outages that may be required for significant equipment (i.e. Cap yards). Other scheduling issues may be pertinent to detail at that time (i.e. BPA supplied safety watchers, construction crews, Operations personnel availability, etc.).

2. The Contractor will guarantee the substation yards to remain vegetation-free for the period of the contract (one calendar year). Any additional herbicide application or other treatments during this period will be performed at the Contractor's expense. Follow-up treatments may be necessary to maintain a vegetation-free environment for the duration of the contract (one calendar year). Inspections occur monthly at each facility by BPA personnel and communication will need to be maintained with Points of Contact per district to assure a continual vegetation-free environment.

3. The contractor shall maintain a quality control program to ensure that all contractual requirements are met. The contractor is responsible for performing or having performed all inspections necessary to substantiate that the supplies or services furnished under this contract conform to contract requirements. The program shall include follow-up treatments as local Operations personnel and/or the COR identify live vegetation.

4. Specific locations may require alternate treatments or restrict the use of certain herbicides (i.e. containing groundwater & surface water advisories). The contractor is responsible for developing a vegetation treatment control plan within these restrictions while maintaining a vegetation-free environment for the duration of the contract.

5. The contractor will submit full completed daily application sheets for treatments performed within two (2) weeks following treatments. At a minimum, invoices shall include the following to be considered complete:

    A. Contract name,
    B. Contract number
    C. TFBV Daily Herbicide Application Log or State equivalent (including start and end times, chemicals applied, quantities applied, etc.), **limit one site per page**
    D. Name and acreage of substations treated, and chemical(s) used,
    E. Name and acreage of switches treated, and chemical(s) used,
    F. Invoice for safety watcher subcontractor (if BPA does not supply safety watcher)

    Complete invoices shall be submitted to the following inbox: Vegmgmt@bpa.gov and CC the districts NRS.

    Incomplete or illegible invoices will be returned to the Contractor.

The data that will be provided to the vendor or the vendor is collecting on BPA's behalf, has a rating of **low** under the FIPS 199 Standards for Security Categorization of Federal Information and Information Systems. This requires the vendor to protect BPA data using the NIST 800-53rev4 Security and Privacy Controls for Federal Information Systems and Organizations for a **low** rated system.

The attestation must include that they are protecting BPA information commensurate with NIST 800-53rev4; security controls for a low data categorization. If the vendor is using this standard, please provide attestation to NIST 800-53rev4. The attestation must be provided on a yearly basis.

Many private organizations use ISO-27001:2005/2013 (ISO/IEC 27001:2005/2013 – Information technology – Security techniques – Information security management systems – Requirements). If the vendor is using this standard, please provide attestation to ISO-27001:2005/2013.

Attestations can be in the form of a formal memorandum, letter, or email.

End SOW.

BPA Districts Points of Contact(s).

Area 1 –
Snohomish District:
Subs/Switch Platforms: Chief Operator, 360-563-3613 office
Microwave Sites: Supervisory Engineer, 360-563-3681 office

Covington District:
Subs/Switch Platforms: Chief Operator, 253-638-3713 office,
Microwave Sites: Supervisory Engineer, 253-638-3781 office

Area 2 –
Olympia District:
Subs/Switch Platforms: Chief Operator, 360 570-4311 office,
Microwave Sites: Supervisory Engineer, 360-570-4381 office

Chehalis (within Olympia District):
Subs/Switch Platforms: Same as above
Microwave Sites: Same as above

Longview District:
Subs/Switch Platforms: Chief Operator, 360 414-5611 office,
Microwave Sites: Supervisory Engineer, 360-414-5681 office

Ross (within Longview District):
Subs/Switch Platforms: Chief Operator, 360-418-2424 office,
Microwave Sites: Power Systems Control Craftsman, 360-418-2548 office, (b) (6)

Area 3 –
Salem District:
Subs/Switch Platforms: Chief Operator, 503-304-5912 office,
Microwave Sites: Supervisory Engineer, 503-304-5941 office

Eugene (aka Alvey) District:
Subs/Switch Platforms: Chief Operator, 541-988-7011 office,
Microwave Sites: Supervisory Engineer, 541-988-7061 office

North Bend District.
Subs/Switch Platforms: Chief Operator, 541-751-4011 office,
Microwave Sites: Supervisory Engineer, 541-988-7061 office

Area 4 –
Tri-Cities District:

Ashe sub-district:
Subs/Switch Platforms: Chief Operator, 509-546-5060 office,
Microwave Sites: Supervisory Engineer, 509-546-4980 office

Franklin sub-district:
Subs/Switch Platforms: Chief Operator, 509-542-5401 office,
Microwave Sites: Supervisory Engineer, 509-542-5411 office

McNary sub-district:
Subs/Switch Platforms: Chief Operator, 541-922-6815 office,
Microwave Sites: Supervisory Engineer, 509-546-4980 office

(b) (6)

(b) (6)

Area 4 –
The Dalles District:
Subs/Switch Platforms: Chief Operator, 541-296-5114x134 office, (b) (6)
Microwave Sites: Supervisory Engineer, 541-296-8032 ex118 office, (b) (6)

Celilo DC substation (within The Dalles District):
Sub: Chief Operator, 541-296-3615 ex196 office, (b) (6)

Area 4 -
Redmond District:
Subs/Switch Platforms: Chief Operator, 541-516-3211 office, (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 541-516-3281 office, (b) (6)

Malin sub-district:
Subs/Switch Platforms: Chief Operator, 541-723-2325 office, (b) (6)

Area 5 -
Spokane District
Bell and Lewiston sub-districts:
Subs/Switch Platforms: Chief Substation Operator III, 509-468-3129 office, (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 509-468-3041 office, (b) (6)

Area 5 –
Wenatchee District
Sickler and Schultz sub-districts:
Subs/Switch Platforms: Chief Substation Operator III, 509-886-6015 office, (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 509-886-6082 office, (b) (6)

Area 6 -
Kalispell District
Subs/Switch Platforms: Chief Sub Operator III, 406-751-7891 office, (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 406-751-7881 office, (b) (6)

Area 7 -
Idaho Falls District
Subs/Switch Platforms: Chief Sub Operator III, 208-612-3160 office, (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 208-612-3120 office, (b) (6)

End Points of Contact.

COMMERCIAL TERMS AND CONDITIONS.

CONTRACT-BASIC TERMS (28-1.1)
(MAR 2018)(BPI 28.3.4(a))

(a) This is a FFP contract with a Base Period and three pre-priced option year periods. By signing the contract cover page, Bonneville and the Contractor agree, subject to the attached terms and conditions, that Contractor shall sell to Bonneville the services identified herein at the prices set forth in the Schedule of Pricing.
(b) This contract shall become effective upon receipt of the signed contract and shall continue until the earlier of its expiration or termination pursuant to Clauses 28-9.1 and 28-9.2, Termination for Cause or Clauses 28-10.1 and 28-10.2, Termination for Bonneville's Convenience. Bonneville may extend the term of the base contract by exercising the pre-priced option, if any, by giving written notice to the Contractor.

SCHEDULE OF PRICING (28-2)
(jul 2013)(BPI 28.3.4(f))

The contractor shall provide the services at the prices identified in accordance with the Statement of Work and other associated documents.

Area 2: Olympia, Ross

4/1/2019 to 8/30/2020 Base Year

Item	Sub Item	Description	Qty	Unit	Unit Price	Total
0001		Olympia/Ross/Longview Bareground Herbicide Treatment	542.3	Acre	$ 275.00	$ 149,132.50
	0001a	Olympia Bareground Herbicide Treatment	241.4	Acre	$ 275.00	
	0001b	Longview Bareground Herbicide Treatment	300.9	Each	$ 275.00	
	0001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	0001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
0002		Switches	124	Each	$ 100.00	$ 12,400.00
	0002a	Switch Platforms Olympia	76	Each	$ 100.00	
	0002b	Switch Platforms Longview	48	Each	$ 100.00	
0003		Safety Watcher's				
	0003a	Safety Watcher Olympia		NTE		$ 25,000.00
	0003b	Safety Watcher Longview		NTE		$ 25,000.00
0004		Microwave Sites				
	0004b	Microwave Site - Rainier (Longview)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Megler (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Naselle Ridge (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Blyn (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Boisfert Peak (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Capitol Peak (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Chehalis (Olympia)	2	Each	$ 200.00	$ 400.00

	0004a	Microwave Site - Holcomb (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Minot Peak (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Raymond Hill (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Raymond (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - South Mtn. (Olympia)	2	Each	$ 200.00	$ 400.00
	0004b	Microwave Site - W. Portland (Ross)	2	Each	$ 200.00	$ 400.00
	0004b	Microwave Site - Biddle Butte (Ross)	2	Each	$ 200.00	$ 400.00
	0004b	Microwave Site - Ross Radio (Ross)	2	Each	$ 200.00	$ 400.00
				TOTAL PRICE		**$ 217,532.50**

9/1/2020 to 8/31/2021 Option Year 1						
1001		Olympia/Ross/Longview Bareground Herbicide Treatment	271.15	Acre	$ 275.00	$ 74,566.25
	1001a	Olympia Bareground Herbicide Treatment	120.7	Acre	$ 275.00	
	1001b	Longview Bareground Herbicide Treatment	150.45	Each	$ 275.00	
	1001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	1001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
1002		Switches	62	Each	$ 100.00	$ 6,200.00
	1002a	Switch Platforms Olympia	38	Each	$ 100.00	
	1002b	Switch Platforms Longview	24	Each	$ 100.00	
1003		Safety Watcher's				
	1003a	Safety Watcher Olympia		NTE		$ 12,500.00
	1003b	Safety Watcher Longview		NTE		$ 12,500.00
1004		Microwave Sites				
	1004b	Microwave Site - Rainier (Longview)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Megler (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Naselle Ridge (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Blyn (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Boisfert Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Capitol Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Chehalis (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Holcomb (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Minot Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Raymond Hill (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Raymond (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - South Mtn. (Olympia)	1	Each	$ 200.00	$ 200.00
	1004b	Microwave Site - W. Portland (Ross)	1	Each	$ 200.00	$ 200.00
	1004b	Microwave Site - Biddle Butte (Ross)	1	Each	$ 200.00	$ 200.00
	1004b	Microwave Site - Ross Radio (Ross)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		**$ 108,766.25**

9/1/2021 to 8/31/2022 Option Year 2

2001		Olympia/Ross/Longview Bareground Herbicide Treatment	271.15	Acre	$ 275.00	$ 74,566.25
	2001a	Olympia Bareground Herbicide Treatment	120.7	Acre	$ 275.00	
	2001b	Longview Bareground Herbicide Treatment	150.45	Each	$ 275.00	
	2001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	2001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
2002		Switches	62	Each	$ 100.00	$ 6,200.00
	2002a	Switch Platforms Olympia	38	Each	$ 100.00	
	2002b	Switch Platforms Longview	24	Each	$ 100.00	
2003		Safety Watcher's				
	2003a	Safety Watcher Olympia		NTE		$ 12,500.00
	2003b	Safety Watcher Longview		NTE		$ 12,500.00
2004		Microwave Sites				
	2004b	Microwave Site - Rainier (Longview)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Megler (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Naselle Ridge (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Blyn (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Boisfert Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Capitol Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Chehalis (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Holcomb (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Minot Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Raymond Hill (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Raymond (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - South Mtn. (Olympia)	1	Each	$ 200.00	$ 200.00
	2004b	Microwave Site - W. Portland (Ross)	1	Each	$ 200.00	$ 200.00
	2004b	Microwave Site - Biddle Butte (Ross)	1	Each	$ 200.00	$ 200.00
	2004b	Microwave Site - Ross Radio (Ross)	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			**$ 108,766.25**

9/1/2022 to 8/31/2023 Option Year 3						
3001		Olympia/Ross/Longview Bareground Herbicide Treatment	271.15	Acre	$ 275.00	$ 74,566.25
	3001a	Olympia Bareground Herbicide Treatment	120.7	Acre	$ 275.00	
	3001b	Longview Bareground Herbicide Treatment	150.45	Each	$ 275.00	
	3001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	3001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
3002		Switches	62	Each	$ 100.00	$ 6,200.00
	3002a	Switch Platforms Olympia	38	Each	$ 100.00	
	3002b	Switch Platforms Longview	24	Each	$ 100.00	

3003		Safety Watcher's				
	3003a	Safety Watcher Olympia		NTE		$ 12,500.00
	3003b	Safety Watcher Longview		NTE		$ 12,500.00
3004		Microwave Sites				
	3004b	Microwave Site - Rainier (Longview)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Megler (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Naselle Ridge (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Blyn (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Boisfert Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Capitol Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Chehalis (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Holcomb (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Minot Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Raymond Hill (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Raymond (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - South Mtn. (Olympia)	1	Each	$ 200.00	$ 200.00
	3004b	Microwave Site - W. Portland (Ross)	1	Each	$ 200.00	$ 200.00
	3004b	Microwave Site - Biddle Butte (Ross)	1	Each	$ 200.00	$ 200.00
	3004b	Microwave Site - Ross Radio (Ross)	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			**$ 108,766.25**

TOTAL AREA 1 PRICE	**$ 543,831.25**

Area 3: Salem, Eugene Districts

3/15/2019 to 8/31/2020 Base Year

Item	Sub Item	Description	Qty	Unit	Unit Price	Total
0001		Salem/Eugene Bareground Herbicide Treatment	452.5	Acre	$ 275.00	$ 124,437.50
	0001e	Salem Bareground Herbicide Treatment	263	Acre	$ 275.00	
	0001f	Eugene Bareground Herbicide Treatment	189.5	Acre	$ 275.00	
	0001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	0001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
0002		Switch Platforms	120	Each	$ 100.00	$ 12,000.00
	0002e	Switch Platforms Salem	46	Each	$ 100.00	
	0002f	Switch Platforms Eugene	74	Each	$ 100.00	
0003		Safety Watcher		NTE		$ 50,000.00
	0003e	Safety Watcher Salmen		NTE	$ 25,000.00	
	0003f	Safety Watcher Eugene		NTE	$ 25,000.00	
0004		Microwave Sites				
	0004f	Microwave Site - Coburg	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Lowell Butte	2	Each	$ 100.00	$ 200.00

	0004f	Microwave Site - Mary's Peak	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Noti	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Scott Mt.	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Blue Ridge	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Goodwin Peak	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Kenyon	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Bald Peak	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Hall Ridge	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Mt. Hebo	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Prospect	2	Each	$ 100.00	$ 200.00
				TOTAL PRICE		**$ 188,837.50**

9/1/2020 to 8/31/2021 Option Year 1						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
1001		Salem/Eugene Bareground Herbicide Treatment	226.25	Acre	$ 275.00	$ 62,218.75
	1001e	Salem Bareground Herbicide Treatment	131.5	Acre	$ 275.00	
	1001f	Eugene Bareground Herbicide Treatment	94.75	Acre	$ 275.00	
	1001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	1001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
1002		Switch Platforms	60	Each	$ 100.00	$ 6,000.00
	1002e	Switch Platforms Salem	23	Each	$ 100.00	
	1002f	Switch Platforms Eugene	37	Each	$ 100.00	
1003		Safety Watcher		NTE		$ 25,000.00
	1003e	Safety Watcher Salmen		NTE	$ 12,500.00	
	1003f	Safety Watcher Eugene		NTE	$ 12,500.00	
1004		Microwave Sites				
	1004f	Microwave Site - Coburg	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Lowell Butte	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Mary's Peak	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Noti	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Scott Mt.	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Blue Ridge	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Goodwin Peak	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Kenyon	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Bald Peak	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Hall Ridge	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Mt. Hebo	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Prospect	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		**$ 95,618.75**

9/1/2021 to 8/31/2022 Option Year 2						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
2001		Salem/Eugene Bareground Herbicide Treatment	226.25	Acre	$ 275.00	$ 62,218.75
	2001e	Salem Bareground Herbicide Treatment	131.5	Acre	$ 275.00	
	2001f	Eugene Bareground Herbicide Treatment	94.75	Acre	$ 275.00	
	2001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	2001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
2002		Switch Platforms	60	Each	$ 100.00	$ 6,000.00
	2002e	Switch Platforms Salem	23	Each	$ 100.00	
	2002f	Switch Platforms Eugene	37	Each	$ 100.00	
2003		Safety Watcher		NTE		$ 25,000.00
	2003e	Safety Watcher Salmen		NTE	$ 12,500.00	
	2003f	Safety Watcher Eugene		NTE	$ 12,500.00	
2004		Microwave Sites				
	2004f	Microwave Site - Coburg	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Lowell Butte	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Mary's Peak	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Noti	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Scott Mt.	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Blue Ridge	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Goodwin Peak	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Kenyon	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Bald Peak	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Hall Ridge	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Mt. Hebo	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Prospect	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			$ 95,618.75

9/1/2022 to 8/31/2023 Option Year 3						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
3001		Salem/Eugene Bareground Herbicide Treatment	226.25	Acre	$ 275.00	$ 62,218.75
	3001e	Salem Bareground Herbicide Treatment	131.5	Acre	$ 275.00	
	3001f	Eugene Bareground Herbicide Treatment	94.75	Acre	$ 275.00	
	3001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	3001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
3002		Switch Platforms	60	Each	$ 100.00	$ 6,000.00
	3002e	Switch Platforms Salem	23	Each	$ 100.00	
	3002f	Switch Platforms Eugene	37	Each	$ 100.00	
3003		Safety Watcher		NTE		$ 25,000.00

	3003e	Safety Watcher Salmen		NTE	$ 12,500.00	
	3003f	Safety Watcher Eugene		NTE	$ 12,500.00	
3004		Microwave Sites				
	3004f	Microwave Site - Coburg	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Lowell Butte	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Mary's Peak	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Noti	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Scott Mt.	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Blue Ridge	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Goodwin Peak	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Kenyon	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Bald Peak	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Hall Ridge	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Mt. Hebo	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Prospect	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			**$ 95,618.75**

TOTAL AREA 4 PRICE	**$ 475,693.75**

Area 6: Kalispell District

3/15/2019 to 8/31/2020 Base Year						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
0001		Kalispell Bareground Herbicide Treatment	180	Acre	$ 275.00	$ 49,500.00
	0001i	Kalispell Bareground Herbicide Treatment	180	Acre	$ 275.00	
	0001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
0002		Switches	78	Each	$ 100.00	$ 7,800.00
	0002i	Switch Platforms Kalispell	78	Each	$ 100.00	
0003		Safety Watcher's		NTE		$ 50,000.00
	0003i	Safety Watcher Kalispell		NTE	$ 50,000.00	
0004		Microwave Sites				
	0004i	Blacktail Peak MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Thompson Falls MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Bald Mountain MW (BELL)	2	Each	$ 200.00	$ 400.00
	0004i	Miller Peak MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Rocky Ridge MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Jack Mountain MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Grassy Mountain MW (KMHQ)	2	Each	$ 200.00	$ 400.00

	0004i	Hungry Horse MW (KMHQ)	2	Each	$ 200.00	$ 400.00
				TOTAL PRICE		$ 110,500.00

9/1/2020 to 8/31/2021 Option Year 1						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
1001		Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	$ 24,750.00
	1001i	Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	
	1001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
1002		Switches	39	Each	$ 100.00	$ 3,900.00
	1002i	Switch Platforms Kalispell	39	Each	$ 100.00	
1003		Safety Watcher's		NTE		$ 25,000.00
	1003i	Safety Watcher Kalispell		NTE	$ 25,000.00	
1004		Microwave Sites				
	1004i	Blacktail Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Thompson Falls MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Bald Mountain MW (BELL)	1	Each	$ 200.00	$ 200.00
	1004i	Miller Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Rocky Ridge MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Jack Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Grassy Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Hungry Horse MW (KMHQ)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 55,250.00

9/1/2021 to 8/31/2022 Option Year 2						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
2001		Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	$ 24,750.00
	2001i	Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	
	2001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
2002		Switches	39	Each	$ 100.00	$ 3,900.00
	2002i	Switch Platforms Kalispell	39	Each	$ 100.00	
2003		Safety Watcher's		NTE		$ 25,000.00
	2003i	Safety Watcher Kalispell		NTE	$ 25,000.00	
2004		Microwave Sites				
	2004i	Blacktail Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Thompson Falls MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Bald Mountain MW (BELL)	1	Each	$ 200.00	$ 200.00
	2004i	Miller Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Rocky Ridge MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Jack Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00

	2004i	Grassy Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Hungry Horse MW (KMHQ)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 55,250.00

9/1/2022 to 8/31/2023 Option Year 3						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
3001		Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	$ 24,750.00
	3001i	Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	
	3001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
3002		Switches	39	Each	$ 100.00	$ 3,900.00
	3002i	Switch Platforms Kalispell	39	Each	$ 100.00	
3003		Safety Watcher's		NTE		$ 25,000.00
	3003i	Safety Watcher Kalispell		NTE	$ 25,000.00	
3004		Microwave Sites				
	3004i	Blacktail Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Thompson Falls MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Bald Mountain MW (BELL)	1	Each	$ 200.00	$ 200.00
	3004i	Miller Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Rocky Ridge MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Jack Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Grassy Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Hungry Horse MW (KMHQ)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 55,250.00

TOTAL AREA 5 PRICE	$ 276,250.00

Area 7: Idaho Falls District

3/15/2019 to 8/31/2020 Base Year						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
0001		Idaho Falls Bareground Herbicide Treatment	100	Acre	$ 275.00	$ 27,500.00
	0001k	Idaho Falls Bareground Herbicide Treatment	100	Acre	$ 275.00	
	0001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
0002		Switches	20	Each	$ 100.00	$ 2,000.00
	0002k	Switch Platforms Idaho Falls	20	Each	$ 100.00	
0003		Safety Watcher's		NTE		$ 50,000.00
	0003k	Safety Watcher Idaho Falls		NTE	$ 50,000.00	
0004		Microwave Sites				

	0004k	Ashton Hill Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
	0004k	Bonanza Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
	0004k	Minidoka Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
	0004k	Thunder Ridge MW Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
				TOTAL PRICE		**$ 81,100.00**

9/1/2020 to 8/31/2021 Option Year 1						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
1001		Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	$ 13,750.00
	1001k	Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	
	1001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
1002		Switches	10	Each	$ 100.00	$ 1,000.00
	1002k	Switch Platforms Idaho Falls	10	Each	$ 100.00	
1003		Safety Watcher's		NTE		$ 25,000.00
	1003k	Safety Watcher Idaho Falls		NTE	$ 25,000.00	
1004		Microwave Sites				
	1004k	Ashton Hill Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	1004k	Bonanza Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	1004k	Minidoka Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	1004k	Thunder Ridge MW Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		**$ 40,550.00**

9/1/2021 to 8/31/2022 Option Year 2						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
2001		Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	$ 13,750.00
	2001k	Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	
	2001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
2002		Switches	10	Each	$ 100.00	$ 1,000.00
	2002k	Switch Platforms Idaho Falls	10	Each	$ 100.00	
2003		Safety Watcher's		NTE		$ 25,000.00
	2003k	Safety Watcher Idaho Falls		NTE	$ 25,000.00	
2004		Microwave Sites				
	2004k	Ashton Hill Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	2004k	Bonanza Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	2004k	Minidoka Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00

	2004k	Thunder Ridge MW Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 40,550.00

9/1/2022 to 8/31/2023 Option Year 3						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
3001		Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	$ 13,750.00
	3001k	Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	
	3001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
3002		Switches	10	Each	$ 100.00	$ 1,000.00
	3002k	Switch Platforms Idaho Falls	10	Each	$ 100.00	
3003		Safety Watcher's		NTE		$ 25,000.00
	3003k	Safety Watcher Idaho Falls		NTE	$ 25,000.00	
3004		Microwave Sites				
	3004k	Ashton Hill Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	3004k	Bonanza Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	3004k	Minidoka Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	3004k	Thunder Ridge MW Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 40,550.00

TOTAL AREA 5 PRICE	$ 202,750.00

TOTAL CONTRACT PRICE	$ 1,498,525.00

INVOICE (28-3)
(oct 2014) BPI 28.3.4(g))

(a) The Contractor shall submit an electronic invoice (or one hard-copy invoice, if authorized) to the address designated in the contract to receive invoices. The contractor will submit full completed daily application sheets for treatments performed within two (2) weeks following treatments. At a minimum, invoices shall include the following to be considered complete:
(1) Name and address of the Contractor;
(2) Invoice date and number;
(3) Contract number, contract line item number and, if applicable, the order number;
(4) Description, quantity, unit of measure, unit price and extended price of the items delivered;
(5) TFBV Daily Herbicide Application Log or State equivalent (including start and end times, chemicals applied, quantities applied, etc.), **limit one site per page**
(6) Name and acreage of substations treated, and chemical(s) used,
(7) Name and acreage of switches treated, and chemical(s) used,
(8) Invoice for safety watcher subcontractor (if BPA does not supply safety watcher)
(9) Terms of any discount for prompt payment offered;
(10) Name and address of official to whom payment is to be sent;
(11) Name, title, and phone number of person to notify in event of defective invoice; and

(12)Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.
(13)Electronic funds transfer (EFT) banking information.

(b) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR part 1315.

PAYMENT-FIRM FIXED PRICE (28-4.1)
(MAR 2018)(BPI 28.3.4(h))

(a) Payment.
(1) Items accepted. Payment shall be made for items accepted by Bonneville that have been delivered to the delivery destinations set forth in this contract.
(2) Prompt Payment. Bonneville will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR Part 1315.
(3) Electronic Funds Transfer.
(i) Payments under this contract shall be made by electronic funds transfer (EFT). Contractor shall provide its taxpayer identification number (TIN) and other necessary banking information for Bonneville to make payments through EFT. Receipt of payment information, including any changes, must be received by Bonneville 30 days prior to effective date of the change. Bonneville shall not be liable for any payment under this contract until receipt of the correct EFT information from Contractor, nor be liable for any penalty on delay of payment resulting from incorrect EFT information. Bonneville shall notify the Contractor within 7 days of its receipt of EFT information which it determines to be defective.
(ii) If Contractor assigns the proceeds of this contract per Clause 28-18 Assignment, the Contractor shall require, as a condition of any such assignment, that the assignee agrees to be paid by EFT and shall provide its EFT information as identified in (iii) below. The requirements of this clause shall apply to the assignee as if it were the Contractor.
(iii) Submission of EFT banking information to Bonneville. The Contractor shall submit EFT enrollment banking information directly to Bonneville Vendor Maintenance Team, using Substitute IRS Form w9e, Request for Taxpayer Identification Number and Certification, available from the CO or the Bonneville Vendor Maintenance Team. Contact and mailing information:

Bonneville Power Administration
PO Box 491
ATTN: NSTS-MODW Vendor Maintenance
Vancouver, WA 98666-0491

email: VendorMaintenance@bpa.gov
phone: 360-418-2800
fax: 360-418-8904

(4) Discount. In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.
(5) Overpayments. If the Contractor becomes aware of a duplicate contract financing or invoice payment or that Bonneville has otherwise overpaid on a contract financing or invoice payment, the Contractor shall:
(i) Remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including the –
(A) Circumstances of the overpayment (e.g. duplicate payment, erroneous payment, liquidation error, date(s) of overpayment);
(B) Affected contract number and delivery order number, if applicable;
(C) Affected contract line item or subline item, if applicable; and
(D) Contractor point of contact.
(ii) Provide a copy of the remittance and supporting documentation to the Contracting Officer.
(6) Interest.
(i) All amounts that become payable by the Contractor to Bonneville under this contract shall bear simple interest from the date due until paid unless paid within 30 days of becoming due. The interest

rate shall be the interest rate established by the Secretary of Treasury as provided in Section 611 of the Contracts Disputes Act of 1978 (Public Law 95-563)(41 U.S.C. 7101-7109), which is applicable to the period in which the amount becomes due, as provided in (a)(6)(v) of this clause, and then at the rate applicable for each six-month period as fixed by the Secretary until the amount is paid.

(ii) Bonneville may issue a demand for payment to the Contractor upon finding that a debt is due under the contract.

(iii) Final decision. The Contracting Officer will issue a final decision as required by BPI 21.3.11 if:
  (A) The Contracting Officer and the Contractor are unable to reach agreement on the existence or amount of a debt within 30 days;
  (B) The Contractor fails to liquidate a debt previously demanded by the Contracting Officer within the timeline specified in the demand for payment unless the amounts were not repaid because the Contractor has requested an installment payment agreement; or
  (C) The Contractor requests a deferment of collection on a debt previously demanded by the Contracting Officer.

(iv) If a demand for payment was previously issued for the debt, the demand for payment included in the final decision shall identify the same due date as the original demand for payment.

(v) Amounts shall be due at the earliest of the following dates:
  (A) The date fixed under this contract.
  (B) The date of the first written demand for payment, including any demand for payment resulting from a default termination.

(vi) The interest charge shall be computed for the actual number of calendar days involved beginning on the due date and ending on –
  (A) The date on which the designated office receives payment from the Contractor;
  (B) The date of issuance of a Bonneville check to the Contractor from which an amount otherwise payable has been withheld as a credit against the contract debt; or
  (C) The date on which an amount withheld and applied to the contract debt would otherwise have become payable to the Contractor.

INSPECTION/ACCEPTANCE-FIRM FIXED PRICE (28-5.1)
(MAR 2018)(BPI 28.3.4(j))

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. Bonneville reserves the right to inspect or test any supplies or services that have been tendered for acceptance. Bonneville may require repair or replacement of nonconforming supplies or re-performance of nonconforming services at no increase in contract price. If repair/replacement or re-performance will not correct the defects or is not possible, Bonneville may seek an equitable price reduction or adequate consideration for acceptance of nonconforming supplies or services. Bonneville must exercise its post-acceptance rights:

(a) within a reasonable time after the defect was discovered or should have been discovered; and
(b) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

CHANGES (28-6)
(JUL 2013)(BPI 28.3.4(l))

Changes in the terms and conditions of this contract may be made only by written agreement of the parties.

STOP WORK ORDER (28-7)
(MAR 2018)(BPI 28.3.4(m))

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop work order issued under this clause. Upon receipt of the order, the Contractor shall immediately

comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop work order is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either—

(1) Cancel the stop work order; or
(2) Terminate the work covered by the order as provided in the Termination for Bonneville's Convenience clause of this contract.

(b) If a stop work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume the work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if—

(1) The stop work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and
(2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop work order is not canceled and the work covered by the order is terminated for the convenience of Bonneville, the Contracting Officer shall allow reasonable costs resulting from the stop work order in arriving at the termination settlement.

(d) If a stop work order is not canceled and the work covered by the order is terminated for cause, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop work order.

FORCE MAJEURE/EXCUSABLE DELAY (28-8)
(JUL 2013)(BPI 28.3.3.6(n))

The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

TERMINATION FOR CAUSE – FIRM FIXED PRICE (28-9.1)
(MAR 2018)(BPI 28.3.4(o))

Bonneville may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide Bonneville, upon request, with adequate assurances of future performance. In the event of termination for cause, Bonneville shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to Bonneville for any and all rights and remedies provided by law. If it is determined that Bonneville improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

TERMINATION FOR BPA'S CONVENIENCE-FIRM FIXED PRICE (28-10.1)
(MAR 2018)(BPI 28.3.4(q))

Bonneville reserves the right to terminate this contract, or any part thereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid an amount for direct labor hours (as defined in the Schedule of the contract) determined by multiplying the number of direct labor hours expended before the effective date of termination by the hourly rate(s) in the contract, less any hourly rate payments already made to the Contractor plus reasonable charges the Contractor can demonstrate to the satisfaction of Bonneville using its standard record keeping system that have resulted

from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give Bonneville any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided.

WARRANTY (28-11)
(JUL 2013)(BPI 28.3.4(s))

The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract. All express warranties offered by the Contractor shall be incorporated into this contract.

LIMITATION OF LIABILITY (28-12)
(JUL 2013)(BPI 28.3.4(t))

Except as otherwise provided by an express warranty, the Contractor shall not be liable to Bonneville for consequential damages resulting from any defect or deficiencies in accepted items.

DISPUTES (28-13)
(JUL 2013)(BPI 28.3.4(u))

This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 7101-7109). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal, or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at BPI Clause 21-2 Disputes, which is incorporated by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute under the contract.

INDEMNIFICATION (28-14)
(MAR 2018)(BPI 28.3.4(v))

The Contractor shall indemnify Bonneville and its officers, employees, and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark, or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.

RISK OF LOSS (28-15)
(MAR 2018)(BPI 28.3.4(w))

Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to Bonneville upon:

(a) Delivery of the supplies to a carrier, if transportation is f.o.b. origin; or
(b) Delivery of the supplies to Bonneville at the destination specified in the contract, if transportation is f.o.b. destination.

TITLE (28-16)
(MAR 2018)(BPI 28.3.4(x))

Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to Bonneville upon acceptance, regardless of when or where Bonneville takes physical possession.

TAXES (28-17)
(JUL 2013)(BPI 28.3.4(y))

The contract price includes all applicable Federal, State, and local taxes and duties.

ASSIGNMENT (28-18)
(MAR 2018) (BPI 28.3.4(z))

The Contractor or its assignee may assign rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g. use of a Bonneville purchase card), the Contractor may not assign its rights to receive payments under this contract.

OTHER COMPLIANCES (28-19)
(JUL 2013)(BPI 28.3.4(aa))

The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.

REQUIREMENTS UNIQUE TO GOVERNMENT CONTRACTS – SERVICES (28-20.2)
(MAR 2018)(BPI 28.3.4(bb))

The Contractor shall comply with the following clauses that are incorporated by reference to implement provisions of law or Executive Orders applicable to acquisitions of commercial services:

APPLICABLE TO ALL SOLICITATIONS AND CONTRACTS:

(a) The following clauses are applicable to all contracts and solicitations:
- (1) Organizational Conflicts of Interest (Clause 3-2)
- (2) Certification, Disclosure and Limitation Regarding Payments to Influence Certain Federal Transactions (Clause 3-3)
- (3) Contractor Policy to Ban Text Messaging While Driving (Clause 15-14)
- (4) Contractor Employee Whistleblower Rights (Clause 3-10)
- (5) Utilization of Supplier Diversity Program Categories (Clause 8-3)
- (6) Restriction on Certain Foreign Purchases (Clause 9-8)
- (7) Combating Trafficking in Persons (Clause 10-25)
- (8) Printing (Clause 11-9)
- (9) Ozone Depleting Substances (Clause 15-7)
- (10) Refrigeration Equipment (Clause 15-8)
- (11) Energy Efficiency in Energy Consuming Products (Clause 15-9)
- (12) Recovered Materials (Clause 15-10)
- (13) Bio-Based Materials (Clause 15-11)
- (14) Acceleration of Payments to Small Business Contractors (Clause 22-21)
- (15) Subcontracting with Debarred or Suspended Entities (Clause 11-7)
- (16) Affirmative Action for Workers with Disabilities (Clause 10-2) except under the following conditions –
  - (i) Work performed outside the United States by employees who were not recruited within the United States; or
  - (ii) Contracts with State or local governments (or any agency, instrumentality, or subdivision) when that entity does not participate in work on or under the contract.
- (17) Equal Opportunity (Clause 10-1) except under the following conditions –
  - (i) Work performed on or within 40 miles of an Indian reservation where a Tribal Employment Rights Ordinance (TERO) is known to be in effect;

(ii) Work performed outside the United States by employees who were not recruited within the United States;
(iii) Individuals (as opposed to a firm with multiple employees); or
(iv) Contracts with State or local governments or any agency, instrumentality or subdivision thereof.

(18) Minimum Wage for Federal Contracts (Clause 10-28), except for work performed outside the United States by employees recruited outside the United States.

(19) Buy American Act – Supplies (Clause 9-3) except for the purchase of –
(i) Civil aircraft and related articles;
(ii) Supplies subject to trade agreement thresholds; or
(iii) Commercial IT equipment and supplies.

(20) Examination of Records.
(i) The Comptroller General of the United States, an appropriate Inspector General appointed under section 3 or 8G of the Inspector General Act of 1978 (5 U.S.C. app.), the Contracting Officer or authorized representatives thereof shall have access to and right to –
(A) Examine any of the Contractor's or any subcontractors' records that pertain to, and involve transactions relating to, this contract: and
(B) Interview any officer or employee regarding such transactions.
(ii) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until three years after final payment under this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for three years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.
(iii) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

APPLICABLE TO ALL SOLICITATIONS AND CONTRACTS ABOVE $150K:

(b) In addition to the requirements above, the following clauses are applicable to all contracts and solicitations that exceed or are expected to exceed $150K:
(1) Equal Opportunity for Veterans (Clause 10-19)
(2) Employment Reports on Veterans (Clause 10-20)
(3) Contract Work Hours and Safety Standards Act – Overtime Compensation (Clause 10-21)
(4) Nondisplacement of Qualified Workers (Clause 23-5), except for:
(i) Contracts and subcontracts awarded pursuant to 41 U.S.C. chapter 85, Committee for Purchase from People Who Are Blind or Severely Disabled;
(ii) Guard, elevator operator, messenger, or custodial services provided to the Government under contracts or subcontracts with sheltered workshops employing the "severely handicapped" as described in 40 U.S.C. 593;
(iii) Agreements for vending facilities entered into pursuant to the preference regulations issued under the Randolph Sheppard Act, 20 U.S.C. 107; or
(iv) Service employees who were hired to work under a Federal service contract and one or more nonfederal service contracts as part of a single job, provided that the service employees were not deployed in a manner that was designed to avoid the purposes of this subpart.
(v) Employment Eligibility Verification (Clause 10-18). All solicitations, contracts and IGCs; unless one, or more, of the following conditions exists:
(A) Are only for work that will be performed outside the United States;
(B) Are for a period of performance of less than 120 days; or
(C) Are only for:
(1) Commercially available off-the-shelf items;
(2) Items that would be COTS items, but for minor modifications (as defined in BPI 2.2); or

(3) Commercial services that are –
  (i) Part of the purchase of a COTS item (or an item that would be a COTS item, but for minor modifications);
  (ii) Performed by the COTS provider; and
  (iii) Are normally provided for that COTS item.
(4) Are with other U.S. federal government agencies.

ADDITIONAL REQUIREMENTS FOR SUBCONTRACTS

(c) The Contractor shall include the requirements in the following clauses in its subcontracts when these clauses are included in the Bonneville contract for commercial items or services:
  (1) Paragraph (c) Examination of Record of this clause. This paragraph shall be included in all subcontracts, except the authority of the Inspector General under paragraph (c)(2) does not flow down; and
  (2) Those clauses contained in this paragraph (d)(2). Unless otherwise indicated below, the extent of the requirement shall be as identified by the clause:
    (i) Contractor Employee Whistleblower Rights (Clause 3-10)
    (ii) Utilization of Supplier Diversity Program Categories (Clause 8-3), if the subcontract offers further subcontracting opportunities
    (iii) Equal Opportunity (Clause 10-1)
    (iv) Affirmative Action for Workers with Disabilities (Clause 10-2)
    (v) Employment Eligibility Verification (Clause 10-18), unless subcontracting for commercial items
    (vi) Equal Opportunity for Veterans (Clause 10-19)
    (vii) Employment Reports on Veterans (Clause 10-20)
    (viii) Contract Work Hours and Safety Standards Act (Clause 10-21)
    (ix) Combating Trafficking in Persons (Clause 10-25)
    (x) Minimum Wage for Federal Contracts (Clause 10-28)
    (xi) Subcontracting with Debarred or Suspended Entities (Clause 11-7), unless subcontracting for COTS items
    (xii) Acceleration of Payments to Small Business Contractors (Clause 22-21)
    (xiii) Nondisplacement of Qualified Workers (Clause 23-5)

(d) Text of clauses incorporated by reference is available at: http://www.bpa.gov/Doing%20Business/purchase/Pages/default.aspx.

ORDER OF PRECEDENCE (28-21)
(JUL 2013)(BPI 28.3.4(cc))

Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order:

(a) The Schedule of Pricing.
(b) The Assignments, Disputes, Payments, Invoice, Other Compliances, and Requirements Unique to Government Contracts clauses of this contract.
(c) Solicitation provisions if this is a solicitation.
(d) Other documents, exhibits, and attachments, including any license agreements for computer software.
(e) The specification or statement of work.

APPLICABLE LAW (28-22)
(JUL 2013)(BPI 28.3.4(dd))

United States law will apply to resolve any claim of breach of this contract.

UNIT 2 – OTHER CLAUSES

PRIVACY ASSURANCE (5-1)
(MAR 2018)(BPI 5.1.4 (a))

The contractor acknowledges and agrees that, in the course of its contract with Bonneville, contractor may receive or access personally identifiable information (PII) belonging to Bonneville. Contractor represents and warrants that its collection, access, use, storage, disposal, and disclosure of PII will comply with all applicable privacy laws and regulations, including the Privacy Act (5 U.S.C. § 552a), the E-Government Act (44 U.S.C. § 101), and DOE regulations (10 CFR § 1008, et seq.). Contractor is responsible for the actions and omissions of its employees for the handling of PII. The contractor agrees not to share PII with any entity not explicitly authorized by the contract. The contractor agrees to report any security breach of PII within 24 hours of discovery of the breach. The contractor shall seek express consent from Bonneville before storing any PII on data servers, including redundant servers, which reside outside of the United States.

OPTION TO EXTEND SERVICES (7-39)
(MAR 2018) (BPI 7.9.8(f))

Bonneville may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 5 days.

OPTION TO EXTEND THE TERM OF THE CONTRACT (7-40)
(MAR 2018) (BPI 7.9.8(g))

(a) Bonneville may extend the term of this contract by written notice to the Contractor within 5 days; provided that Bonneville gives the Contractor a preliminary written notice of its intent to extend at least 15 before the contract expires. The preliminary notice does not commit Bonneville to an extension.
(b) If Bonneville exercises this option, the extended contract shall be considered to include this option clause.
(c) The total duration of this contract, including the exercise of any options under this clause; shall not exceed 5 years and six months.

SERVICE CONTRACT LABOR STANDARDS (10-3)
(MAR 2018)(BPI 10.2.2.3)

(a) Definitions. As used in this clause-
"Act" means the Service Contract Labor Standards statute (41 U.S.C. § 6701-6707, et seq.).
"Contractor" when used in any subcontract, shall include the subcontractor, except in the term "Bonneville Prime Contractor."
"Service employee" means any person engaged in the performance of this contract other than any person employed in a bona fide executive, administrative, or professional capacity, as these terms are defined in Part 541 of Title 29, Code of Federal Regulations, as revised. It includes all service persons regardless of any contractual relationship that may be alleged to exist between a Contractor or subcontractor and such persons.
(b) Applicability. This contract is subject to the following provisions and to all other applicable provisions of the Act and regulations of the Secretary of Labor (29 CFR Part 4). This clause does not apply to contracts or subcontracts administratively exempted by the Secretary of Labor or exempted by 41 U.S.C. 6702, as interpreted in Subpart C of 29 CFR Part 4.
(c) Compensation.
(1) Each service employee employed in the performance of this contract by the Contractor or any subcontractor shall be paid not less than the minimum monetary wages and shall be furnished fringe

benefits in accordance with the wages and fringe benefits determined by the Secretary of Labor, or authorized representative, as specified in any wage determination attached to this contract.

(2)

(i) If a wage determination is attached to this contract, the Contractor shall classify any class of service employee not listed therein which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination) so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed class of employees shall be paid the monetary wages and furnished the fringe benefits which are determined pursuant to the procedures in this paragraph (c).

(ii) This conforming procedure shall be initiated by the Contractor prior to the performance of contract work by the unlisted class of employee. The Contractor shall submit Standard Form (SF) 1444, Request for Authorization of Additional Classification and Rate, to the Contracting Officer (CO) no later than 30 days after the unlisted class of employee performs any contract work. The CO shall review the proposed classification and rate and promptly submit the completed SF 1444 (which must include information regarding the agreement or disagreement of the employees' authorized representatives or the employees themselves together with the agency recommendation), and all pertinent information to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor. The Wage and Hour Division will approve, modify, or disapprove the action or render a final determination in the event of disagreement within 30 days of receipt or will notify the CO within 30 days of receipt that additional time is necessary.

(iii) The final determination of the conformance action by the Wage and Hour Division shall be transmitted to the Contracting Officer who shall promptly notify the Contractor of the action taken. Each affected employee shall be furnished by the Contractor with a written copy of such determination or it shall be posted as a part of the wage determination.

(iv) Establishing rates.

(A) The process of establishing wage and fringe benefit rates that bear a reasonable relationship to those listed in a wage determination cannot be reduced to any single formula. The approach used may vary from wage determination to wage determination, depending upon the circumstances. Standard wage and salary administration practices which rank various job classifications by pay grade pursuant to point schemes or other job factors may, for example, be relied upon. Guidance may also be obtained from the way different jobs are rated under federal pay systems (Federal Wage Board Pay System and the General Schedule) or from other wage determinations issued in the same locality. Basic to the establishment of any conformable wage rate(s) is the concept that a pay relationship should be maintained between job classifications based on the skill required and the duties performed.

(B) In the case of a contract modification, an exercise of an option or extension of an existing contract, or in any other case where a contract succeeds a contract under which the classification in question was previously conformed pursuant to paragraph (c) of this clause, a new conformed wage rate and fringe benefits may be assigned to such conformed classification by indexing (i.e., adjusting) the previous conformed rate and fringe benefits by an amount equal to the average (mean) percentage increase (or decrease, where appropriate) between the wages and fringe benefits specified for all classifications to be used on the contract which are listed in the current wage determination, and those specified for the corresponding classifications in the previously applicable wage determination. Where conforming actions are accomplished in accordance with this paragraph prior to the performance of contract work by the unlisted class of employees, the Contractor shall advise the CO of the action taken, but the other procedures in paragraph (c)(2)(ii) of this section need not be followed.

(C) No employee engaged in performing work on this contract shall in any event be paid less than the currently applicable minimum wage specified under section 6(a)(1) of the Fair Labor Standards Act of 1938, as amended.

(v) The wage rate and fringe benefits finally determined under this subparagraph (c)(2) of this clause shall be paid to all employees performing in the classification from the first day on which contract work is performed by them in the classification. Failure to pay the unlisted employees the

compensation agreed upon by the interested parties and/or finally determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract.

(vi) Upon discovery of failure to comply with subparagraph (c)(2) of this clause, the Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits, which shall be retroactive to the date such class or classes of employees commenced contract work.

(3) Adjustment of compensation. If the term of this contract is more than one year, the minimum monetary wages and fringe benefits required to be paid or furnished thereunder to service employees under this contract shall be subject to adjustment after one year and not less often than once every two years, under wage determinations issued by the Wage and Hour Division.

(d) Obligation to furnish fringe benefits. The Contractor or subcontractor may discharge the obligation to furnish fringe benefits specified in the attachment or determined under subparagraph (c)(2) of this clause by furnishing equivalent combinations of bona fide fringe benefits, or by making equivalent or differential cash payments only in accordance with Subpart D of 29 CFR Part 4.

(e) Minimum wage. In the absence of a wage determination for this contract, neither the Contractor nor any subcontractor under this contract shall pay any person performing work under this contract (regardless of whether the person is a service employee) less than the minimum wage specified by section 6(a)(1) of the Fair Labor Standards Act of 1938. Nothing in this clause shall relieve the Contractor or any subcontractor of any other obligation under law or contract for the payment of a higher wage to any employee.

(f) Successor contracts. If this contract succeeds a contract subject to the Act under which substantially the same services were furnished in the same locality, and service employees were paid wages and fringe benefits provided for in a collective bargaining agreement, in the absence of the wage determination for this contract setting forth such collectively bargained wage rates and fringe benefits, neither the Contractor nor any subcontractor under this contract shall pay any service employee performing any of the contract work (regardless of whether or not such employee was employed under the predecessor contract), less than the wages and fringe benefits provided for in such collective bargaining agreements, to which such employee would have been entitled if employed under the predecessor contract, including accrued wages and fringe benefits and any prospective increases in wages and fringe benefits provided for under such agreement. No contractor or subcontractor under this contract may be relieved of the foregoing obligation unless the limitations of 29 CFR Part 4.1b(b) apply or unless the Secretary of Labor or the Secretary's authorized representative finds, after a hearing as provided in 29 CFR Part 4.10, that the wages and/or fringe benefits provided for in such agreement are substantially at variance with those which prevail for services of a character similar in the locality, or determines, as provided in 29 CFR Part 4.11, that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's-length negotiations. Where it is found in accordance with the review procedures provided in 29 CFR 4.10 and/or 4.11 and Parts 6 and 8 that some or all of the wages and/or fringe benefits contained in a predecessor Contractor's collective bargaining agreement are substantially at variance with those which prevail for similar services in the locality, and/or that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's-length negotiations, the Department will issue a new or revised wage determination setting forth the applicable wage rates and fringe benefits. Such determination shall be made part of the contract or subcontract, in accordance with the decision of the Administrator, the Administrative Law Judge, or the Administrative Review Board, as the case may be, irrespective of whether such issuance occurs prior to or after the award of a contract or subcontract (53 Comp. Gen. 401 (1973)). In the case of a wage determination issued solely as a result of a finding of substantial variance, such determination shall be effective as of the date of the final administrative decision.

(g) Notification to employees. The Contractor and any subcontractor under this contract shall notify each service employee commencing work on this contract of the minimum monetary wage and any fringe benefits required to be paid pursuant to this contract, or shall post the wage determination attached to this contract. The poster provided by the Department of Labor (Publication WH 1313) shall be posted in a prominent and accessible place at the worksite. Failure to comply with this requirement is a violation of section 2(a)(4) of the Act and of this contract.

(h) Safe and sanitary working conditions. The Contractor or subcontractor shall not permit any part of the services called for by this contract to be performed in buildings or surroundings or under working conditions provided by or under the control or supervision of the Contractor or subcontractor which are unsanitary, hazardous, or dangerous to the health and safety of the service employees. The Contractor or subcontractor shall comply with the safety and health standards applied under 29 CFR Part 1925.

(i) Records.

(1) The Contractor and each subcontractor performing work subject to the Act shall make and maintain for three years from the completion of the work, and make them available for inspection and transcription by authorized representatives of the Wage and Hour Division, Employment Standards Administration, a record of the following:

(i) For each employee subject to the Act:

(A) Name, address and social security number;

(B) Correct work classification or classifications, rate or rates of monetary wages paid and fringe benefits provided, rate or rates of payment in lieu of fringe benefits and total daily and weekly compensation;

(C) Daily and weekly hours worked by each employee; and

(D) Any deductions, rebates, or refunds from the total daily or weekly compensation of each employee.

(ii) For those classes of service employees not included in any wage determination attached to this contract, wage rates or fringe benefits determined by the interested parties or by the Administrator or authorized representative under the terms of paragraph (iii) of this clause. A copy of the report required by subdivision (c)(2)(iv)(B) of this clause will fulfill this requirement.

(iii) Any list of the predecessor Contractor's employees which had been furnished to the Contractor as prescribed by paragraph (n) of this clause.

(2) The Contractor shall also make available a copy of this contract for inspection or transcription by authorized representatives of the Wage and Hour Division.

(3) Failure to make and maintain or to make available these records for inspection and transcription shall be a violation of the regulations and this contract, and in the case of failure to produce these records, the CO, upon direction of the Department of Labor and notification of the Contractor, shall take action to cause suspension of any further payment or advance of funds until the violation ceases.

(4) The Contractor shall permit authorized representatives of the Wage and Hour Division to conduct interviews with employees at the worksite during normal working hours.

(j) Pay periods. The Contractor shall unconditionally pay to each employee subject to the Act all wages due free and clear and without subsequent deduction (except as otherwise provided by law or regulations, 29 CFR Part 4), rebate, or kickback on any account. These payments shall be made no later than one pay period following the end of the regular pay period in which the wages were earned or accrued. A pay period under this Act may not be of any duration longer than semi-monthly.

(k) Withholding of payments and termination of contract. The CO shall withhold or cause to be withheld from the Bonneville prime contractor under this or any other Government contract with the prime contractor such sums as an appropriate official of the Department of Labor requests, or such sums as the CO decides may be necessary to pay underpaid employees employed by the Contractor or subcontractor. In the event of failure to pay any employees subject to the Act all or part of the wages or fringe benefits due under the Act, the CO may, after authorization or by direction of the Department of Labor and written notification to the Contractor, take action to cause suspension of any further payment or advance of funds until such violations have ceased. Additionally, any failure to comply with the requirements of this clause may be grounds for termination of the right to proceed with the contract work. In such event, the Bonneville may enter into other contracts or arrangements for completion of the work, charging the Contractor in default with any additional cost.

(l) Subcontracts. The Contractor agrees to include this clause in all subcontracts subject to the Act.

(m) Collective bargaining agreements applicable to service employees. If wages to be paid or fringe benefits to be furnished any service employees employed by the Bonneville prime contractor or any subcontractor under the contract are provided for in a collective bargaining agreement which is or will be effective during any period in which the contract is being performed, the Bonneville prime contractor shall report such fact to the CO, together with full information as to the application and accrual of such wages and fringe benefits, including

any prospective increases, to service employees engaged in work on the contract, and a copy of the collective bargaining agreement. Such report shall be made upon commencing performance on the contract, in the case of collective bargaining agreements effective at such time, and in the case of such agreements or provisions or amendments thereof effective at a later time during the period of contract performance, such agreements shall be reported promptly after negotiation thereof.

(n) Seniority Lists. Not less than ten days prior to completion of any contract being performed at a Bonneville facility where service employees may be retained in the performance of the succeeding contract and subject to a wage determination which contains vacation or other benefit provisions based upon length of service with a contractor (predecessor) or successor (29 CFR Part 4.173), the incumbent prime contractor shall furnish to the CO a certified list of the names of all service employees on the Contractor's or subcontractor's payroll during the last month of contract performance. Such list shall also contain anniversary dates of employment on the contract either with the current or predecessor contractors of each such service employee. The CO shall provide this list to the successor contractor at the commencement of the succeeding contract.

(o) Rulings and interpretations. Rulings and interpretations of the Act are contained in 29 CFR Part 4.

(p) Contractor’s certification

(1) By entering into this contract, the Contractor (and officials thereof) certifies that neither it (nor he or she) nor any person or firm who has a substantial interest in Contractor’s firm is a person or firm ineligible to be awarded Government contracts by virtue of the sanctions imposed under section 5 of the Act.

(2) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract under section 5 of the Act.

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

(q) Variations, tolerances and exemptions involving employment. Notwithstanding any of the provisions in paragraphs (b) through (o) of this clause, the following employees may be employed in accordance with the following variations, tolerances, and exemptions, which the Secretary of Labor, pursuant to section 4(b) of the Act prior to its amendment by Pub. L. 92-473, found to be necessary and proper in the public interest or to avoid serious impairment of the conduct of Government business.

(1) Apprentices, student-learners, and workers whose earning capacity is impaired by age, physical or mental deficiency, or injury may be employed at wages lower than the minimum wages otherwise required by section 2(a)(1) or 2(b)(1) of the Act without diminishing any fringe benefits or cash payments in lieu thereof required under section 2(a)(2) of the Act, in accordance with the conditions and procedures prescribed for the employment of apprentices, student-learners, handicapped persons, and handicapped clients of sheltered workshops under section 14 of the Fair Labor Standards Act of 1938, in the regulations issued by the Administrator (29 CFR Parts 520, 521, 524, and 525).

(2) The Administrator will issue certificates under the Act for the employment of apprentices, student-learners, handicapped persons, or handicapped clients of sheltered workshops not subject to the Fair Labor Standards Act of 1938, or subject to different minimum rates of pay under the two acts, authorizing appropriate rates of minimum wages (but without changing requirements concerning fringe benefits or supplementary cash payments in lieu thereof), applying procedures prescribed by the applicable regulations issued under the Fair Labor Standards Act of 1938 (29 CFR Parts 520, 521, 524, and 525).

(3) The Administrator will also withdraw, annul, or cancel such certificates in accordance with the regulations in 29 CFR Parts 525 and 528.

(r) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed and individually registered in a bona fide apprenticeship program registered with a State Apprenticeship Agency recognized by the U.S. Department of Labor, or if no such recognized agency exists in a State, under a program registered with the Office of Apprenticeship Training, Employer, and Labor Services (OATELS) U.S. Department of Labor. Any employee who is not registered as an apprentice in an approved program shall be paid the wage rate and fringe benefits contained in the applicable wage determination for the journeyman classification of work actually performed. The wage rates paid apprentices shall not be less than the wage rate for their level of progress set forth in the registered program, expressed as the appropriate percentage of the journeyman's rate contained in the applicable wage determination. The allowable ratio of apprentices to journeymen employed on the contract work in any craft classification shall not be greater than the ratio permitted to the Contractor as to his entire work force under the registered program.

(s) Tips. An employee engaged in an occupation in which the employee customarily and regularly receives more than $30 a month in tips may have the amount of these tips credited by the employer against the minimum wage required by section 2(a)(1) or section 2(b)(1) of the Act, in accordance with section 3(m) of the Fair Labor Standards Act and regulations, 29 CFR Part 531. However, the amount of the credit shall not exceed $1.34 per hour beginning January 1, 1981. To use this provision—
  (1) The employer must inform tipped employees about this tip credit allowance before the credit is utilized;
  (2) The employees must be allowed to retain all tips (individually or through a pooling arrangement and regardless of whether the employer elects to take a credit for tips received):
  (3) The employer must be able to show by records that the employee receives at least the applicable Service Contract Act minimum wage through the combination of direct wages and tip credit; and
  (4) The use of such tip credit must have been permitted under any predecessor collective bargaining agreement applicable by virtue of section 4(c) of the Act.

(t) Disputes concerning labor standards. The U.S. Department of Labor has set forth in 29 CFR Parts 4, 6, and 8 procedures for resolving disputes concerning labor standards requirements. Such disputes shall be resolved in accordance with those procedures and not the Disputes clause of this contract. Disputes concerning labor standards requirements 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.

FAIR LABOR AND SERVICE CONTRACT LABOR STANDARDS – PRICE ADJUSTMENT (10-4) (MAR 2018)(BPI 10.2.3.3.2)

(a) The Contractor warrants that the prices in this contract do not include any allowance for any contingency to cover increased costs for which adjustment is provided under paragraph (d) below.

(b) The minimum monetary wages and fringe benefits required to be paid or furnished to service employees under this contract as set forth in the wage determination, shall be subject to adjustment if (1) the period of performance of this contract exceeds two years, (2) the contract contains option provisions specifying that a differing wage determination shall apply thereto, (3) an amendment to the Fair Labor Standards Act is enacted revising the minimum wage rate, (4) a contract modification significantly changes the nature of the work, or, (5) the Department of Labor otherwise directs.

(c) The contract price or contract unit priced labor rates will be adjusted to reflect the Contractor's actual increase or decrease in applicable wages and fringe benefits to the extent that the increase is made to comply with the new rates, or the decrease is voluntarily made by the Contractor.

(d) Any such adjustment shall be limited to increases or decreases in wages and fringe benefits as described in paragraph (c) of this clause, and the accompanying increases or decreases in social security and unemployment taxes and workers' compensation insurance, but shall not otherwise include any amount for general and administrative costs, material costs, overhead, or profit. (For example, the prior year wage determination required a minimum wage rate of $4.00 per hour. The Contractor chose to pay $4.10. The new wage determination increases the minimum rate to $4.50 per hour. Even if the Contractor voluntarily increases the rate to $4.75 per hour, the allowable price adjustment is $.40 per hour.)

(e) The Contractor shall notify the Contracting Officer (CO) of any increase claimed under this clause within 30 days after receiving a new wage determination unless this notification period is extended in writing by the CO. The Contractor shall promptly notify the CO of any decrease under this clause, but nothing in the clause shall preclude the Bonneville from asserting a claim within the period permitted by law. The notice shall contain a statement of the amount claimed and any relevant supporting data, including payroll records that the CO may reasonably require. Upon agreement of the parties, the contract price or contract unit price labor rates shall be modified in writing. The Contractor shall continue performance pending agreement on, or determination of, any such adjustment and its effective date.

(f) The CO or an authorized representative shall have access to and the right to examine any pertinent books, documents, papers and records of the Contractor until the expiration of 3 years after final payment under the contract.

SERVICE CONTRACT WAGE DETERMINATION (10-5)
(Oct 2014) (BPI 10.2.2.3(b))

The wage determination(s) referred to in the clause 10-3, Service Contract Labor Standards, are incorporated into the contract, and are identified as follows:

Please see SAM.gov | Search for most up to date SCA wage rates.

NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT (10-6)
(Oct 2014) (BPI 10.1.7.2)

(a) During the term of this contract, the contractor agrees to post a notice, of such size and in such form, and containing such content as the Secretary of Labor shall prescribe, in conspicuous places in and about its plants and offices where employees covered by the National Labor Relations Act engage in activities relating to the performance of the contract, including all places where notices to employees are customarily posted both physically and electronically. The notice shall include the information contained in the notice published by the Secretary of Labor in the Federal Register (Secretary's Notice).
(b) The contractor will comply with all provisions of the Secretary's Notice, and related rules, regulations, and orders of the Secretary of Labor.
(c) In the event that the contractor does not comply with any of the requirements set forth in paragraphs (a) or (b) above, this contract may be cancelled, terminated, or suspended in whole or in part, and the contractor maybe declared ineligible for future Government contracts in accordance with procedures authorized in or adopted pursuant to Executive Order 13496. Such other sanctions or remedies may be imposed as are provided in Executive Order 13496, or by rule, regulation, or order of the Secretary of Labor, or as are otherwise provided by law.
(d) The contractor will include the provisions of paragraphs (a) through (c) above in every subcontract entered into in connection with this contract (unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 3 of Executive Order 13496 of January 30, 2009), so that such provision will be binding upon each subcontractor. The contractor will take such action with respect to any such contract as may be directed by the Secretary of Labor as a means of enforcing such provisions, including the imposition of sanctions for noncompliance: Provided, however, that if the contractor becomes involved in litigation with a subcontractor, or is threatened with such involvement, as a result of such direction, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

PAID SICK LEAVE UNDER EXECUTIVE ORDER 13706 (10-22)
(MAR 2018) (BPI 10.1.12.9)

(a) Definitions. As used in this clause (in accordance with 29 CFR 13.2) –
"Child", "domestic partner", and "domestic violence" have the meaning given in 29 CFR 13.2.

"Employee" –

(1)
(i) Means any person engaged in performing work on or in connection with a contract covered by Executive Order (E.O.) 13706, and
(A) Whose wages under such contract are governed by the Service Contract Labor Standards statute (41 U.S.C. chapter 67), the Wage Rate Requirements (Construction) statute (40 U.S.C. chapter 31, subchapter IV), or the Fair Labor Standards Act (29 U.S.C. chapter 8),
(B) Including employees who qualify for an exemption from the Fair Labor Standards Act's minimum wage and overtime provisions,
(C) Regardless of the contractual relationship alleged to exist between the individual and the employer; and
(ii) Includes any person performing work on or in connection with the contract and individually registered in a bona fide apprenticeship or training program registered with the Department of Labor's

Employment and Training Administration, Office of Apprenticeship, or with a State Apprenticeship Agency recognized by the Office of Apprenticeship.

(2)
  (i) An employee performs “on” a contract if the employee directly performs the specific services called for by the contract; and
  (ii) An employee performs “in connection with” a contract if the employee’s work activities are necessary to the performance of a contract but are not the specific services called for by the contract.

“Individual related by blood or affinity whose close association with the employees is the equivalent of a family relationship” has the meaning given in 29 CFR 13.2.

“Multiemployer” plan means a plan to which more than one employer is required to contribute and which is maintained pursuant to one or more collective bargaining agreements between one or more employee organizations and more than one employer.

“Paid sick leave” means compensated absence from employment that is required by E.O. 13706 and 29 CFR 13.

“Parent”, “sexual assault”, “spouse”, and “stalking” have the meaning given in 29 CFR 13.2.

“United States” means the 50 States and the District of Columbia.

(b) Executive Oder 13706.
  (1) This contract is subject to E.O. 13706 and the regulations issued by the Secretary of Labor in 29 CFR part 13 pursuant to the E.O.
  (2) If this contract is not performed wholly within the United States, this clause only applies with respect to that part of the contract that is performed within the United States.

(c) *Paid sick leave*. The Contractor shall –
  (1) Permit each employee engaged in performing work on or in connection with this contract to earn not less than 1 hour of paid sick leave for every 30 hours worked;
  (2) Allow accrual and use of paid sick leave as required by E.O. 13706 and 29 CFR part 13;
  (3) Comply with the accrual, use, and other requirements set forth in 29 CFR 13.5 and 13.6, which are incorporated by reference in this contract;
  (4) Provide paid sick leave to all employees when due free and clear and without subsequent deduction (except as otherwise provided by 29 CFR 13.24), rebate, or kickback on any account;
  (5) Provide pay and benefits for paid sick leave used no later than one pay period following the end of the regular pay period in which the paid sick leave was taken; and
  (6) Be responsible for the compliance by any subcontractor with the requirements of E.O. 13706, 29 CFR part 13, and this clause.

(d) Contractors may fulfill their obligations under E.O. 13706 and 29 CFR part 13 jointly with other contractors through a multiemployer plan, or may fulfill their obligations through an individual fund, plan, or program (see 29 CFR 13.8).

(e) *Withholding*. The Contracting Officer will, upon his or her 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 or any other Federal contract with the same Contractor, so much of the accrued payments or advances as may be considered necessary to pay employees the full amount owed to compensate for any violation of the requirements of E.O. 13706, 29 CFR part 13, or this clause, including –
  (1) Any pay and/or benefits denied or lost by reason of the violation;
  (2) Other actual monetary losses sustained as a direct result of the violation; and
  (3) Liquidated damages.

(f) Payment suspicion/contract termination/contractor debarment.
  (1) In the event of a failure to comply with E.O. 13706, 29 CFR part 13, or this clause, Bonneville may, on its own action or after authorization or by direction of the Department of Labor and written notification to the Contractor take action to cause suspension of any further payment, advance, or guarantee of funds until such violations have ceased.
  (2) Any failure to comply with the requirements of this clause may be grounds for termination for default or cause.

(3) A breach of the contract clause may be grounds for debarment as a contractor and subcontractor as provided in 29 CFR 13.52.

(g) The paid sick leave required by E.O. 13706, 29 CFR part 13, and this clause is in addition to the Contractor's obligations under the Service Contract Labor Standards statute and Wage Rate Requirements (Construction) statute, and the Contractor may not receive credit toward its prevailing wage or fringe benefit obligations under those Acts for any paid sick leave provided in satisfaction of the requirements of E.O. 13706 and 29 CFR part 13.

(h) Nothing in E.O. 13706 or 29 CFR part 13 shall excuse noncompliance with or supersede any applicable Federal or State law, any applicable law or municipal ordinance, or a collective bargaining agreement requiring greater paid sick leave or leave rights than those established under E.O. 13706 and 29 CFR part 13.

(i) Recordkeeping.

(1) The Contractor shall make and maintain, for no less than three (3) years from the completion of the work on the contract, records containing the following information for each employee, which the Contractor shall make available upon request for inspection, copying, and transcription by authorized representatives of the Administrator of the Wage and Hour Division of the Department of Labor:

(i) Name, address, and social security number of each employee.
(ii) The employee's occupation(s) or classification(s).
(iii) The rate or rates of wages paid (including all pay and benefits provided).
(iv) The number of daily and weekly hours worked.
(v) Any deductions made.
(vi) The total wages paid (including all pay and benefits provided) each pay period.
(vii) A copy of notifications to employees of the amount of paid sick leave the employee has accrued, as required under 29 CFR 13.5(a)(2).
(viii) A copy of employees' requests to use paid sick leave, if in writing, or, if not in writing, any other records reflecting such employee requests.
(ix) Dates and amounts of paid sick leave taken by employees (unless the Contractor's paid time off policy satisfies the requirements of E.O. 13706 and 29 CFR part 13 described in 29 CFR 13.5(f)(5), leave shall be designated in records as paid sick leave pursuant to E.O. 13706(d)(3).
(x) A copy of any written responses to employees' requests to use paid sick leave, including explanations for any denials of such requests, as required under 29 CFR 13.5(d)(3).
(xi) Any records reflecting the certification and documentation the Contractor may require an employee to provide under 29 CFR 13.5(e), including copies of any certification or documentation provided by an employee.
(xii) Any other records showing any tracking of or calculations related to an employee's accrual or use of paid sick leave.
(xiii) The relevant contract.
(xiv) The regular pay and benefits provided to an employee for each use of paid sick leave.
(xv) Any financial payment made for unused paid sick leave upon a separation from employment intended, pursuant to 29 CFR 13.5(b)(5), to relieve the Contractor from the obligation to reinstate such paid sick leave as otherwise required by 29 CFR 13.5(b)(4).

(2)

(i) If the Contractor wishes to distinguish between an employees' covered and noncovered work, the Contractor shall keep records or other proof reflecting such distinctions. Only if the Contractor adequately segregates the employee's time will time spent on noncovered work be excluded from hours worked counted toward the accrual of paid sick leave. Similarly, only if the Contractor adequately segregates the employee's time may the Contractor properly refuse an employee's request to use paid sick leave on the ground that the employee was scheduled to perform noncovered work during the time he or she asked to use paid sick leave.
(ii) If the Contractor estimates covered hours worked by an employee who performs work in connection with contracts covered by the E.O. pursuant to 29 CFR 13.5(a)(i) or (iii), the Contractor shall keep records or other proof of the verifiable information on which such estimates are reasonably based. Only if the Contractor relies on an estimate that is reasonable and based on verifiable information will an employee's time spent in connection with noncovered work be excluded from hours worked counted toward the accrual of paid sick leave. If the Contractor estimates the amount of time an

employee spends performing in connection with contracts covered by the E.O., the Contractor shall permit the employee to use his or her paid sick leave during any work time the Contractor.

(3) In the event the Contractor is not obligated by the Service Contract Labor Standards statute, the Wage Rate Requirements (Construction) statute, or the Fair Labor Standards Act to keep records of an employee's hours worked, such as because the employee is exempt from the Fair Labor Standards Act's minimum wage and overtime requirements, and the Contractor chooses to use the assumption permitted by 29 CFR 13.5(a)(1)(iii), the Contractor is excused from the requirement in paragraph (i)(1)(iv) of this clause and 29 CFR 13.25(a)(4) to keep records of the employee's number of daily and weekly hours worked.

(4)

(i) Records relating to medical histories or domestic violence, sexual assault, or stalking, created for purposes of E.O. 13706, whether of an employee or an employee's child, parent, spouse, domestic partner, or other individual related by blood or affinity whose close association with the employee is the equivalent of a family relationship, shall be maintained as confidential records in separate files/records form the usual personnel files.

(ii) If the confidentiality requirements of the Genetic Information Nondiscrimination Act of 2008 (GINA), section 503 of the Rehabilitation Act of 1973, and/or the Americans with Disabilities Act (ADA) apply to records or documents created to comply with the recordkeeping requirements in this contract clause, the records and documents shall also be maintained in compliance with the confidentiality requirements of the GINA, section 503 of the Rehabilitation Act of 1973, and/or ADA as described in 29 CFR 1635.9, 41 CFR 60-741.23(d), and 29 CFR 1630.14(c)(1), respectively.

(iii) The Contractor shall not disclose any documentation used to verify the need to use 3 or more consecutive days of paid sick leave for the purposes listed in 29 CFR 13.5(c)(1)(iv) (as described in 29 CFR 13.5(e)(1)(ii) and shall maintain confidentiality about any domestic abuse, sexual assault, or stalking, unless the employee consents or when disclosure is required by law.

(5) The Contractor shall permit authorized representatives of the Wage and Hour Division to conduct interviews with employees at the worksite during normal working hours.

(6) Nothing in this contract clause limits or otherwise modifies the Contractor's recordkeeping obligations, if any, under the Service Contract Labor Standards statute, the Wage Rate Requirements (Construction) statute, the Fair Labor Standards Act, the Family and Medical Leave Act, E.O. 13658, their respective implementing regulations, or any other applicable law.

(j) Interference/discrimination.

(1) The Contractor shall not in any manner interfere with an employee's accrual or use of paid sick leave as required by E.O. 13706 or 29 CFR part 13. Interference includes, but is not limited to –

(i) Miscalculating the amount of paid sick leave an employee has accrued;

(ii) Denying or unreasonably delaying a response to a proper request to use paid sick leave;

(iii) Discouraging an employee from using paid sick leave;

(iv) Reducing an employee's accrued paid sick leave by more than the amount of such leave used;

(v) Transferring an employee to work on contracts not covered by the E.O. to prevent the accrual or use of paid sick leave;

(vi) Disclosing confidential information contained in certification or other documentation provided to verify the need to use paid sick leave; or

(vii) Making the use of paid sick leave contingent on the employee's finding a replacement worker or the fulfillment of the Contractor's operational needs.

(2) The Contractor shall not discharge or in any other manner discriminate against any employee for –

(i) Using, or attempting to use, paid sick leave as provided for under E.O. 13706 and 29 CFR part 13;

(ii) Filing any complaint, initiating any proceeding, or otherwise asserting any right or claim under E.O. 13706 and 29 CFR part 13;

(iii) Cooperating in any investigation or testifying in any proceeding under E.O. 13706 and 29 CFR part 13; or

(iv) Informing any other person about his or her rights under E.O. 13706 and 29 CFR part 13.

(k) *Notice*. The Contractor shall notify all employees performing work on or in connection with a contract covered by the E.O. of the paid sick leave requirements of E.O. 13706, 29 CFR part 13, and this clause by posting a notice provided by the Department of Labor in a prominent and accessible place at the worksite so it may be

readily seen by employees. Contractors that customarily post notices to employees electronically may post the notice electronically, provided such electronic posting is displayed prominently on any website that is maintained by the Contractor, whether external or internal, and customarily used for notices to employees about terms and conditions of employment.

(l) *Disputes concerning labor standards*. Disputes related to the application of E.O. 13706 to this contract shall not be subject to the general disputes clause of the contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR part 13. Disputes within the meaning of this contract clause include disputes between the Contractor (or any of its subcontractors) and Bonneville Power Administration, the Department of Labor, or the employees or their representatives.

(m) *Subcontracts*. The Contractor shall insert the substance of this clause, including this paragraph (m), in all subcontracts, regardless of the dollar value, that are subject to the Service Contract labor Standards statute or the Wage Rate Requirements (Construction) statute, and are to be performed in whole or in part in the United States.

CONTRACT ADMINISTRATION REPRESENTATIVES (14-2)
(MAR 2018)(BPI 14.1.5(b))

(a) In the administration of this contract, the Contracting Officer may be represented by one or more of the following: Contracting Officer's Representative, Receiving Inspector, and/or Field Inspector for technical matters.

(b) These representatives are authorized to act on behalf of the Contracting Officer in all matters pertaining to the contract, except: (1) contract modifications that change the contract price, technical requirements or time for performance; (2) suspension or termination of the Contractor's right to proceed, either for default or for convenience of Bonneville; and (3) final decisions on any matters subject to appeal, as provided in a disputes clause. In addition, Field Inspectors may not make final acceptance under the contract.

BANKRUPTCY (14-18)
(Oct 2005)(BPI 14.19.3)

In the event the Contractor enters into proceedings relating to bankruptcy, whether voluntary or involuntary, the Contractor agrees to furnish written notification of the bankruptcy to the Contracting Officer responsible for administering the contract. This notification shall be furnished within five days of the initiation of the proceedings relating to bankruptcy filing. This notification shall include the date on which the bankruptcy petition was filed, the identity of the court in which the bankruptcy petition was filed, and a listing of Government contract numbers and contracting officers for all Government contracts against final payment has not been made. This obligation remains in effect until final payment under this contract.

CONTRACTOR COMPLIANCE WITH BONNEVILLE POLICIES (15-4)
(MAR 2018)(BPI 15.3.1.1(a))

(a) The contractor shall comply with all Bonneville policies affecting the Bonneville workplace environment. Examples of specific policies are:
   (1) Bonneville Smoking Policy (Bonneville Policy 440-1),
   (2) Use of Alcoholic Beverages, Narcotics, or Illegal Drug Substances on Bonneville Property or When in Duty Station (BPAM 400/792C),
   (3) Firearms and Other Weapons (BPAM 1086),
   (4) Standards of conduct regarding transmission information (BPI 3.2),
   (5) Identification Badge Program (Bonneville Security Standards Manual, Chapter 200-3)
   (6) Information Protection (Bonneville Policy 433-1),
   (7) Safeguards and Security Program (Bonneville Policy 430-1);
   (8) Managing Access and Access Revocation for NERC CIP Compliance (Bonneville Policy 430-2);
   (9) Cyber Security Program(Bonneville Policy 434-1),
   (10) Business Use of Bonneville Technology Services (BPAM Chapter 1110),

(11)Prohibition on soliciting or receiving donations for a political campaign while on federal property (18 U.S.C. § 607),
(12)Guidance on Violence and Threatening Behavior in the Workplace (DOE G 444-1-1),
(13)Inspection of persons, personal property and vehicles (41 CFR § 102-74.370),
(14)Preservation of property (41 CFR § 102-74.380),
(15)Compliance with Signs and Directions (41 CFR § 102-74.385),
(16)Disturbances (41 CFR § 102-74.390),
(17)Gambling Prohibited (41 CFR § 102-74.395),
(18)Soliciting, Vending and Debt Collection Prohibited (41 CFR § 102-74.410),
(19)Posting and Distributing Materials (41 CFR § 102-74.415)
(20)Photographs for News, Advertising or Commercial Purposes (41 CFR § 102-74.420), and
(21)Dogs and Other Animals Prohibited (41 CFR § 102-74.425).

(b) The contractor shall obtain from the CO information describing the policy requirements. A contractor who fails to enforce workplace policies is subject to suspension or default termination of the contract.

HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (15-6)
(MAR 2018)(BPI 15.4.2)

(a) The Contractor agrees to submit a Material Safety Data Sheet (Department of Labor Form OSHA-20), as prescribed in Federal Standard No. 313C, for all hazardous material 5 days before delivery of the material whether or not it is listed in Appendix A of the Standard. This obligation applies to all materials delivered under this contract which will involve exposure to hazardous materials or items containing these materials.
(b) "Hazardous material," as used in this clause, is as defined in Federal Standard, No. 313C, in effect on the date of this contract.
(c) Neither the requirements of this clause nor any act or failure to act by Bonneville shall relieve the Contractor of any responsibility or liability for the safety of Bonneville, Contractor, or subcontractor personnel or property.
(d) The Contractor shall comply with applicable Federal, state, and local laws, codes, ordinances, and with regulations (including the obtaining of licenses and permits) in connection with hazardous material.
(e) The Contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts at any tier (including purchase orders) under this contract involving hazardous material.

CONTRACTOR SAFETY AND HEALTH (15-12)
(MAR 2018)(BPI 15.6.4.1(a))

(a) The Contractor shall furnish a place of employment that is free from recognized hazards that cause or have the potential to cause death or serious physical harm to employees; and shall comply with occupational safety and health standards promulgated under the Occupational Safety and Health Act of 1970 (Public Law 91-598). Contractor employees shall comply with occupational safety and health standards and all rules, regulations, and orders issued pursuant to this Act which are applicable to their own actions and conduct.
  (1) All construction contractors working on contracts in excess of $100,000 shall comply with Department of Labor Contract Work Hours and Safety Standards (40 U.S.C. § 3701 et seq.).
  (2) The Contractor shall comply with:
    (i) National Fire Protection Association (NFPA) National Fire Codes for fire prevention and protection applicable to the work or facility being occupied or constructed;
    (ii) NFPA 70E, *Standard for Electrical Safety in the Workplace;*
    (iii) American Conference of Governmental Industrial Hygiene *Threshold Limit Values for Chemical Substances and Physical Agents* and Biological Exposure Indices; and,
    (iv) Any additional safety and health measures identified by the Contracting Officer.

  This clause does not relieve the Contractor from complying with any additional specific or corporate safety and health requirements that it determines to be necessary to protect the safety and health of employees.

(b) The Contractor bears sole responsibility for ensuring that all contractor's workers performing contract work possess the necessary knowledge and skills to perform the work correctly and safely. The Contractor shall

make any training and certification records necessary to demonstrate compliance with this requirement available for review upon request by Bonneville.

(c) The Contractor shall hold Bonneville and any other owners of the site of work harmless from any and all suits, actions, and claims for injuries to or death of persons arising from any act or omission of the Contractor, its subcontractors, or any employee of the Contractor or subcontractors, in any way related to the work under this contract.

(d) The Contractor shall immediately notify the Contracting Officer (CO), the Contracting Officer's Representative (COR), and the Safety Office by telephone at (360) 418-2397 of any death, injury, occupational disease or near miss arising from or incident to performance of work under this contract.
   (1) The Bonneville Safety Office business hours are 7:00 AM to 4:00 PM Pacific Time. If the Safety Office Officials are not available to take the phone call the contractor shall leave a voicemail that includes the details of the event, and the Contractor's contact information. The Contractor shall periodically repeat the phone call to the Safety Office until the Contractor is able to speak directly with a Bonneville Safety Official.
   (2) The Contractor shall follow up each phone call notification with an email to SafetyNotification@bpa.gov immediately for any fatality or within 24 hours for non-fatal events.
   (3) The Contractor shall complete Bonneville form 6410.15e Contractor's Report of Personal Injury, Illness, or Property Damage Accident and submit the form to the CO, COR, and Safety Office within five (5) working days of such an occurrence. The Contractor shall include photographs and witness statements with the report.
   (4) In the case of a Near Miss Incident that does not involve injury, illness, or property damage, the Contractor shall complete Bonneville Form 6410.18e Contractor's Report of Incident/Near Miss and submit the form to the CO, COR, and Safety Office within five (5) working days of such an occurrence. The Contractor shall include photographs and witness statements with the report.

(e) Notification of Imminent Danger and Workers Right to Decline Work
   (1) All workers, including contractors and Bonneville employees, are responsible for identifying and notifying other workers in the affected area of imminent danger at the site of work. Imminent danger is any condition or practice that poses a danger that could reasonably be expected to cause death or severe physical hardship before the imminence of such danger could be eliminated through normal procedures.
   (2) A contract worker has the right to ask, without reprisal, their onsite management and other workers to review safe work procedures and consider other alternatives before proceeding with a work procedure. Reprisal means any action taken against an employee in response to, or in revenge for, the employee having raised, in good faith, reasonable concerns about a safety and health aspect of the work required by the contract.
   (3) A contract worker has the right to decline to perform tasks, without reprisal, that will endanger the safety and health of themself or of other workers.
   (4) The Contractor shall establish procedures that allow workers to cease or decline work that may threaten the safety and health of the worker or other workers.

(f) Bonneville encourages all contractor workers to raise safety and health concerns as a way to identify and control safety hazards. The Contractor shall develop and communicate a formal procedure for submittal, resolution, and communication of resolution and corrective action to the worker submitting the concern. The procedure shall (1) encourage workers to identify safety and health concerns directly to their supervisor and employer using the employer's reporting process; and (2) inform workers that they may raise safety concerns to Bonneville or the State OSHA. Workers may notify the Safety Office at (360) 418-2397 if the employer's work process does not resolve the worker's safety and health concern. Bonneville may coordinate the response to a contractor worker's safety and health concerns with the State OSHA when necessary to facilitate resolution.

(g) Bonneville employees may direct the contractor to stop a work activity due to safety and health concerns. The Bonneville employee shall notify the Contractor orally with written confirmation, and request immediate initiation of corrective action. After receipt of the notice the Contractor shall immediately take corrective action to eliminate or mitigate the safety and health concern. When a Bonneville employee stops a work activity due to a safety and health concern the Contractor shall immediately notify the CO, provide a description of the event, and identify the Bonneville employee that halted the work activity. The Contractor shall not resume the stopped work activity until authorization to resume work is issued by a Bonneville Safety Official. The

Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule when Bonneville stops a work activity due to safety and health concerns that occurred under the Contractor's control.

(h) The Contractor shall keep a record of total monthly labor hours worked at the site of work. The Contractor shall include a separate calculation of the monthly total labor hours for each subcontractor in the contractor's monthly data. Upon request by the CO, COR or Bonneville Safety Office, the Contractor shall provide the total labor hours for a completed month to Bonneville no later than the 15th calendar day of the following month. The requestor shall identify the required reporting format and procedures.

(i) The Contractor shall include this clause, including paragraph (i) in subcontracts. The Contractor may make appropriate changes in the designation of the parties to reflect the prime contractor--subcontractor arrangement. The Contractor is responsible for enforcing subcontractor compliance with this clause.

CONTRACTOR SAFETY AND HEALTH REQUIREMENTS (15-13)
(MAR 2018)(BPI 15.6.4.1(b))

(a) The Contractor shall prepare a site specific safety plan (SSSP) and submit the SSSP to the Contracting Officer (CO) or the CO's designee. The Contractor is prohibited from performing on site work without written authorization from the CO. The CO is prohibited from issuing an authorization to proceed with on-site work until the Bonneville Safety Office has reviewed the SSSP and any concerns are resolved.

(b) The Contractor shall follow the work procedures provided in the *Contractor Safety and Health Requirements for Prime and Subcontractors*. The full text of the *Contractor Safety and Health Requirements for Prime and Subcontractor*s is available at http://www.bpa.gov/Doing%20Business/purchase/Pages/default.aspx.

(c) The Contractor shall include this clause in all subcontracts.

HOMELAND SECURITY (15-18)
(MAR 2018) (BPI 15.10.3)

(a) If any portion of the Contractor's maintenance or support service is located in a foreign country, then the Contractor will disclose those foreign countries to Bonneville to determine if the foreign country is on the Sensitive Country List or is a Terrorist Country as determined by the United States Department of State. Bonneville will notify the Contractor in writing whether or not it can allow an intangible export of Bonneville's Critical Information or if a Deemed Export License is required.

(b) The Contractor shall notify the CO in writing in advance of any consultation with a foreign national or other third party that would expose them to Bonneville Critical Information. Bonneville will approve or reject consultation with the third party.

(c) Notification of Security Incident. The Contractor shall immediately notify Bonneville's Office of the Chief Information Officer (OCIO) Chief Information Security Officer (CISO) of any security incident and cooperate with Bonneville in investigating and resolving the security incident. In the event of a security incident, the Contractor shall notify the CISO by telephone at 503-230-5088 and ask for a Cyber Security Officer. Bonneville may also provide in writing to the Contractor alternate phone numbers for contacting Cyber Security Officers. A call back voice message may be left but not the details of the Security Incident.

SAFETY VERIFICATION SUBSCRIPTION (15-52)
(MAR 2018)

The Contractor agrees to maintain, a subscription with Bonneville's third party safety verification provider for the duration of this Contract. For subscription information, please visit http://www.bpa.gov/Doing%20Business/Pages/Contractor-Safety.aspx. The information requested will assist Bonneville in evaluation of the health, safety and environmental performance of the Contractor.

A minimum safety rating of "C" is required for performing the services requested in this contract. Depending on the size of this contract action and other scope-specific factors, contractors with a rating of "C" may be required by

Bonneville to provide safety risk mitigation at no cost. This mitigation may include a requirement to have a full time safety professional at the contract location during the performance of the work.

In the event that the Contractor's safety rating falls below a “C” rating, Contractor shall promptly take all steps necessary to improve the rating to maintain a rating of “C” or better during the performance of the Contract. If the Contractor does not improve such rating within 30 days after the issuance of the rating, Contractor shall be considered to have an unacceptable safety performance rating and the Contracting Officer shall determine the course of action, up to and including contract termination.

Bonneville makes no representation about the quality of services being performed by the third party safety verification provider. The use of information obtained from the third party safety verification provider in connection with this contract shall not constitute, nor be construed as, an assumption of responsibility or liability for safety under the Contract by Bonneville. Use of information obtained by Bonneville does not relieve Contractor from its legal and contractual obligations. The third party safety verification provider is an independent contractor and is not an agent of Bonneville. Any acts or omissions by the third party safety verification provider shall not be considered an act or omission of Bonneville.

WORK ON A GOVERNMENT INSTALLATION (16-7)
(MAR 2018) (BPI 16.4.8.1)

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in this contract.
(b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government’s interest shall not be effective –
    (1) For such period as the laws of the State in which this contract is performed prescribe; or
    (2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.
(c) Each insurance policy required under this contract, other than workers’ compensation insurance, shall contain an endorsement naming the United States as an additional insured with respect to operations performed under this contract. The insurance carrier is required to waive all subrogation rights against any of the named insured.
(d) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors’ proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

RELEASE OF CLAIMS (21-4)
(MAR 2018)(BPI 21.3.10.1)

After completion of work, and prior to final payment, the Contracting Officer may, at his or her option, require the Contractor to furnish a release of claims against Bonneville arising out of the contract, other than claims specifically excepted from the operation of the release.

LIMITATION ON TRAVEL COSTS (22-50)
(MAR 2018)

Costs incurred for lodging, meals, and incidental expenses shall be reimbursed on an actual cost basis to the extent that they do not exceed, on a daily basis, the per diem rates in effect at the time of travel as set forth in the Federal Travel Regulation, prescribed by the General Services Administration, for travel in the conterminous 48 United States. Per Diem shall be authorized for travel in excess of 12 hours and shall not exceed 75% of the

daily rate for the first and last day of official travel. Lodging and other expenses exceeding $75.00 must be supported with receipts, which shall be submitted with the request for payment.

Airline costs will be reimbursed on an actual cost basis to the extent determined reasonable and allocable under the Bonneville Purchasing Instructions, Appendix 13A, “Contract Cost Principles for Commercial Organizations”. Generally, airline costs will be limited to coach or economy class. Any variation from these requirements must be approved by the Contracting Officer. Contractors may request a letter from the Contracting Officer, authorizing access to an airline, lodging, or other rates negotiated for government travel to the extent such authorization is honored by the service providers.

Per Diem rates are available at: https://www.gsa.gov/policy-regulations/regulations/federal-travel-regulation/federal-travel-regulation-and-related-files

WD	Revision #	Revision Date	State	County
2015-5589	21	6/26/2022	Oregon	Baker, Grant, Harney, Malheur, Morrow, Umatilla, Union, Wallowa, Wheeler
2015-5567	18	6/26/2022	Oregon	Benton
2015-5563	18	6/26/2022	Oregon, Washington	Oregon: Clackamas, Columbia, Multnomah, Washington, Yamhill Washington: Clark, Skamania
2015-5577	20	6/26/2022	Oregon	Clatsop, Tillamook
2015-5579	18	6/26/2022	Oregon	Coos, Curry, Douglas
2015-5581	20	7/20/2022	Oregon	Crook, Jefferson, Klamath, Lake
2015-5565	18	6/26/2022	Oregon	Deschutes
2015-5789	20	7/20/2022	Oregon	Gilliam
2015-5583	20	7/20/2022	Oregon	Hood River, Sherman, Wasco
2015-5571	18	6/26/2022	Oregon	Jackson
2015-5787	20	7/20/2022	Oregon	Josephine
2015-5569	18	6/26/2022	Oregon	Lane
2015-5575	20	7/20/2022	Oregon	Lincoln
2015-5587	18	6/26/2022	Oregon	Linn
2015-5573	18	6/26/2022	Oregon	Marion, Polk
2015-5559	18	7/20/2022	Washington	Adams, Ferry, Garfield, Grant, Lincoln, Whitman
2015-5521	20	7/20/2022	Washington	Asotin
2015-5527	18	6/26/2022	Washington	Benton, Franklin
2015-5541	18	6/26/2022	Washington	Chelan, Douglas
2015-5545	20	7/20/2022	Washington	Clallam, Jefferson
2015-5813	20	7/20/2022	Washington	Columbia
2015-5529	18	6/26/2022	Washington	Cowlitz
2015-5551	20	7/20/2022	Washington	Gray's Harbor, Mason
2015-5547	20	7/20/2022	Washington	Island, San Juan
2015-5535	18	7/20/2022	Washington	King, Snohomish
2015-5525	20	8/3/2022	Washington	Kitsap
2015-5557	20	7/20/2022	Washington	Kittitas, Okanogan
2015-5555	20	7/20/2022	Washington	Klickitat
2015-5553	20	7/20/2022	Washington	Lewis
2015-5549	20	7/20/2022	Washington	Pacific, Wahkiakum
2015-5537	18	6/26/2022	Washington	Pend Oreille, Spokane, Stevens
2015-5539	21	7/20/2022	Washington	Pierce
2015-5531	18	6/26/2022	Washington	Skagit
2015-5533	18	6/26/2022	Washington	Thurston
2015-5561	20	07/20/222	Washington	Walla Walla
2015-5523	18	6/26/2022	Washington	Whatcom
2015-5543	18	6/26/2022	Washington	Yakima
2015-5399	18	8/9/2022	Montana	Beaverhead, Broadwater, Deer Lodge, Gallatin, Granite, Jefferson, Lewis and Clark, Madison, Meagher, Park, Powell, Silver Bow, Sweet Grass, Yellowstone National Park

2015-5397	18	7/18/2022	Montana	Big Horn, Blaine, Chouteau, Fergus, Glacier, Hill, Judith Basin, Liberty, Musselshell, Petroleum, Pondera, Stillwater, Teton, Toole, Wheatland
2015-5389	18	8/3/2022	Montana	Carbon, Golden Valley, Yellowstone
2015-5395	18	7/18/2022	Montana	Carter, Custer, Daniels, Dawson, Fallon, Garfield, McCone, Phillips, Powder River, Prairie, Richland, Roosevelt, Rosebud, Sheridan, Treasure, Valley, Wibaux
2015-5391	17	7/20/2022	Montana	Cascade
2015-5401	18	8/2/2022	Montana	Flathead, Lake, Lincoln, Mineral, Ravalli, Sanders
2015-5393	18	8/3/2022	Montana	Missoula
2015-5503	18	6/26/2022	Idaho	Ada, Boise, Canyon, Gem, Owyhee
2015-5513	18	7/20/2022	Idaho	Adams, Elmore, Payette, Valley, Washington
2015-5509	18	6/26/2022	Idaho	Bannock
2015-5517	18	7/20/2022	Idaho	Bear Lake, Bingham, Caribou, Clark, Custer, Fremont, Lemhi, Madison, Oneida, Power, Teton
2015-5511	18	6/26/2022	Idaho	Benewah, Bonner, Boundary, Clearwater, Idaho, Latah, Lewis, Shoshone
2015-5515	18	7/20/2022	Idaho	Blaine, Camas, Cassia, Gooding, Jerome, Lincoln, Minidoka, Twin Falls
2015-5507	18	6/26/2022	Idaho	Bonneville, Butte, Jefferson
2015-5499	20	7/19/2022	Idaho	Franklin
2015-5505	18	6/26/2022	Idaho	Kootenai
2015-5519	20	7/20/2022	Idaho	Nez Perce
2015-5495	18	7/19/2022	Utah	Beaver, Garfield, Iron, Kane
2015-5483	19	6/26/2022	Utah	Box Elder, Davis, Morgan, Weber
2015-5501	20	7/19/2022	Utah	Cache
2015-5497	18	7/19/2022	Utah	Carbon, Daggett, Duchesne, Emery, Grand, San Juan, Uintah
2015-5485	19	6/26/2022	Utah	Juab, Utah
2015-5493	18	7/19/2022	Utah	Millard, Piute, Sanpete, Sevier, Wayne
2015-5491	18	7/19/2022	Utah	Rich, Summit, Wasatch
2015-5489	19	6/26/2022	Utah	Salt Lake, Tooele
2015-5487	19	6/26/2022	Utah	Washington
2015-5591	18	6/26/2022	Nevada	Carson City
2015-5597	20	7/20/2022	Nevada	Churchill, Douglas, Lyon, Mineral
2015-5593	21	12/26/2018	Nevada	Clark
2015-5601	18	7/20/2022	Nevada	Elko, Eureka, Humboldt, Lander, Pershing, White Pine
2015-5599	20	7/20/2022	Nevada	Esmerelda, Lincoln, Nye
2015-5595	18	6/26/2022	Nevada	Storey, Washoe
2015-5623	19	7/20/2022	California	Alameda, Contra Costa
2015-5667	20	7/20/2022	California	Alpine
2015-5663	20	07/20/222	California	Amador
2015-5605	18	6/26/2022	California	Butte
2015-5665	20	7/20/2022	California	Calaveras, Tuolumne

2015-5675	18	7/20/2022	California	Colusa, Glenn, Tehama
2015-5673	18	7/20/2022	California	Del Norte, Humboldt, Lake, Mendocino
2015-5631	17	7/25/2022	California	El Dorado, Placer, Sacramento, Yolo
2015-5609	19	6/26/2022	California	Fresno
2015-5607	19	6/26/2022	California	Imperial
2015-5669	20	7/20/2022	California	Inyo
2015-5603	20	6/26/2022	California	Kern
2015-5611	18	6/26/2022	California	Kings
2015-5679	20	6/20/2022	California	Lassen
2015-5613	22	7/20/2022	California	Los Angeles
2015-5615	17	6/26/2022	California	Madera
2015-5725	18	7/20/2022	California	Marin
2015-5661	20	7/20/2022	California	Mariposa
2015-5617	16	7/21/2022	California	Merced
2015-5677	20	7/20/2022	California	Modoc, Nevada, Plumas, Sierra, Siskiyou, Trinity
2015-5671	20	7/20/2022	California	Mono
2015-5633	16	7/25/2022	California	Monterey
2015-5621	16	7/21/2022	California	Napa
2015-5645	21	7/20/2022	California	Orange
2015-5629	19	7/25/2022	California	Riverside, San Bernardino
2015-5639	20	7/20/2022	California	San Benito
2015-5635	20	7/25/2022	California	San Diego
2015-5637	22	7/20/2022	California	San Francisco, San Mateo
2015-5653	16	7/25/2022	California	San Joaquin
2015-5643	16	7/25/2022	California	San Luis Obispo
2015-5647	17	7/25/2022	California	Santa Barbara
2015-5641	20	7/20/2022	California	Santa Clara
2015-5641	20	7/20/2022	California	Santa Cruz
2015-5627	16	7/25/2022	California	Shasta
2015-5655	16	7/25/2022	California	Solano
2015-5651	16	7/11/2022	California	Sonoma
2015-5619	18	7/21/2022	California	Stanislaus
2015-5659	16	7/25/2022	California	Sutter, Yuba
2015-5657	16	7/25/2022	California	Tulare
2015-5625	17	7/25/2022	California	Ventura
2015-5413	18	7/18/2022	Wyoming	Albany, Carbon, Converse, Goshen, Niobrara, Platte
2015-5407	18	7/18/2022	Wyoming	Big Horn, Fremont, Hot Springs, Park, Washakie
2015-5411	18	7/18/2022	Wyoming	Campbell, Crook, Johnson, Sheridan, Weston
2015-5405	18	8/9/2022	Wyoming	Laramie
2015-5409	18	7/18/2022	Wyoming	Lincoln, Sublette, Sweetwater, Teton, Uinta
2015-5403	18	8/9/2022	Wyoming	Natrona

U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT/ORDER

OMB

PAPERWORK REDUCTION ACT BURDEN DISCLOSURE STATEMENT

This data is used to amend a solicitation or modify a contract or order. This form will assist in ensuring all changes are applied appropriately. Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching for existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send any comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Office of the Chief Information Officer, Enterprise Policy Development & Implementation Office, IM-22, Paperwork Reduction Program (OMB) US Department of Energy, 1000 Independence Ave, SW, Washington, DC 20585-1290; and to the Office of Management & Budget (OMB), OIRA, Paperwork Reduction Project (OMB), Washington, DC 20503.

1. Solicitation/Contract/Order Number:	2. Amendment/Modification Number:
BPA - 19 - D - 81891	M - 004

3. Effective Date:	4. Requisition/Purchase Req Number *(used for COOP event only)*:	5. Contract Specialist *(Name, Phone, Email)*:
09/01/2022		Holtcamp Jr,Terry A (BPA) - NSSV-4400-2 taholtcamp@bpa.gov.

AMENDMENTS OF SOLICITATIONS

6. The above numbered solicitation is amended as set forth in Item 12. The hour and date specified for receipt of Offers,
☐ is extended to ☐ is not extended.

Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation. If a signature is requested in Item 11, acknowledge this amendment by completing Items 13 and 14 and returning the amendment with your proposal. Failure of your acknowledgment to be received at the place designated for the receipt of proposal prior to the hour and date specified may result in rejection of your proposal. If by virtue of this amendment you desire to change a proposal already submitted, such a change must be received prior to the due date and hour specified in the solictation.

MODIFICATIONS OF CONTRACTS/ORDERS (Modifies the contract/order as described in item 12.)

CHECK ONE	
☐	7. This unilateral modification is issued pursuant to: (*specify authority below*). The changes set forth in item 12 are made in the Contract/Order in Item 1.
☐	8. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, spelling correction, etc.*) set forth in item 12 pursuant to the authority of BPI Part 14.10.3(b)(1).
☑	9. Bilateral/Other (*specify authority*): OPTION TO EXTEND (7-40)(MAR 2018).

10. Accounting and Appropriation Data *(used for COOP event only)*:

IMPORTANT 11. Contractor ☐ is not, ☑ is required to sign this document and return via email to the Contract Specialist.

12. Description of Amendment/Modification (*Attach additional documentation if needed and state SEE CONTINUATION SHEET.*)

The purpose of this modification is to exercise Option Year 003 and because of this:

1) The performance period end date is extended to 08/31/2023.

This modification represents the total equitable adjustment for the changes described herein.

All other terms and conditions remain the same.

Except as provided herein, all terms and conditions of the document referenced in Item 1 or 2 remain unchanged.

13. Company Name:
NC Services.

14a. Name, Phone and Title of Signer:	15a. Name of Contracting Officer:
Mitch Pinkston - (b) (6) President	Holtcamp Jr,Terry A (BPA).

14b. Contractor/Offeror	14c. Date Signed:	15b. Signature of Contracting Officer	15c. Date Signed:
(b) (6) (*Signature of person authorized to sign*)	9-7-22	TERRY HOLTCAMP By: _____ (*Signature of Contracting Officer*) Digitally signed by TERRY HOLTCAMP Date: 2022.09.09 18:18:53 -07'00'	

B. SCHEDULE OF ITEMS/CONTINUATION PAGE

Line Item No.	Description	Quantity	Unit	Unit Price	Amount
0001	BARE GROUND TREATMENTS AREAS 2, 3, 6 & 7.	1	Job	Each	$0.00
			TOTAL - All Items		$0.00
			There remains sufficient funds on the contract to cover Option Year 003.		

C. SUBMISSION OF INVOICES & CONTACT INFORMATION

1. Invoices should be sent electronically to:

   Vegmgmt@bpa.gov

2. Payment Terms:

   Net 15

3. Bonneville Contact Information:

   Bonneville Office: Bonneville Power Administration
   Attention: Strombom,Jennifer L (BPA) - TFBV-CHEMAWA
   Contact Email: <jlknoellinger@bpa.gov>

4. Contractor Contact Information:

   Company Name: NC Services
   Attention: (b) (6)

D. DELIVERY INFORMATION

Line Item No.	Period of Performance/ Delivery Date	Quantity	Unit	Delivery Terms	Ship To Address or Place of Performance
0001	8/31/2023	1.00	Job	Block 11	See SOW/SOP.

E. INSPECTION AND ACCEPTANCE TERMS

All line item(s) in Section B will be inspected and accepted by the COR at the address specified in Section C unless otherwise stated in the table below.

Line Item No.	Inspection At/Inspection By		Acceptance At/Acceptance By		Additional Info
0001	Government	Government	Government	Government	

F. ATTACHMENTS

	Description
F1	Statement of Work.
F2	Commercial Terms and Conditions.
F3	Wage Determinations Table.
F4	Schedule of Prices. See Terms and Conditions.
F5	

Bonneville Power Administration Bare Ground Vegetation Control.

Statement of Work.

Substations, Switchyards, Microwave Sites, and other identified areas.

Section 1: GENERAL

This contract is for the implementation of the bare ground vegetation management program for facilities located within the Bonneville Power Administration's (BPA) identified regional service areas:

Area 2: Olympia and Longview Districts,
Area 3: Salem, Eugene, and North Bend Districts,
Area 6: Kalispell District
Area 7: Idaho Falls District

The Contractor will be responsible for providing a continual, vegetation-free environment at these facilities. The contractor shall be the professional resource to apply and determine where the most practical and effective treatment combinations are required, within the parameters of this document, to achieve a vegetation-free environment. The contractor will provide all follow-up reviews and inspections to assure that this contract is performed to the standards contained herein.

Section 2: TECHNICAL

1. The Contractor shall furnish all equipment, tools, and **herbicides**; drift control agents, additives, supplies, transportation and labor required for the successful execution of this contract, according to the specifications, provisions and attachments contained herein.

2. The Contractor shall apply herbicides (and other approved necessary products/methods) to the list of facilities identified in this Statement of Work (SOW). Facilities include substations, microwave sites, and field switch platform locations. The Contractor shall not sub-contract herbicide application under this contract.

3. The Contractor shall use the appropriate herbicide regime to manage all vegetation in areas identified as bare ground or gravel (in blue highlight) in drawings that will be supplied to contractor with award documents. The primary treatment method will be broadcast residual herbicide application. This does not preclude the use of other methods of vegetation management. Foliar herbicide, manual, mechanical and other methods may be needed to satisfy the requirements of this contract. Several facilities have sensitive environmental resources on or adjacent to the facility, and can be located on federal lands that may have further restrictions on the use of residual herbicides. The Contractor will develop a program under those limitations so that a vegetation-free environment can be maintained.

4. At substations, the Contractor shall apply all herbicide products inside the substation fence and an additional 10 foot perimeter outside the fence. Where high-security perimeter fencing prevents spraying through the fence, the Contractor shall spray the 10 foot perimeter from outside the fence. The contractor is to ensure that the herbicide products do not spray beyond the exterior 10 foot distance. At switchyard platforms, vegetation will be managed to eliminate contact with the ground mat, and may include driveways, parking areas, and field switching areas. Acreages at each switch platform location will vary.

5. The Contractor shall obtain all necessary licenses and permits. Herbicide applicator employees shall have appropriate State Herbicide Applicator's License(s).

6. When available, Contractor will use BPA supplied safety watcher. The Contractor shall contact the District's Chief Substation Operator at least 60 days prior to treatments (exception for base year in which case within two weeks (2) after contract award, and no less than 45 days prior to commencing work) to schedule a BPA supplied safety watcher if available as determined by the Chief Substation Operator.

7. A BPA representative (Substation Operator) or contract safety watcher, approved by the Contracting Officer's Representative (COR) at each site, will provide access to each facility (some facilities, such as switch platforms, may be publicly accessible). Some electrical equipment (Capacitor yards) within substation grounds may require a clearance prior to applications being performed. The contractor shall coordinate with the Chief Operator of the district to determine appropriate schedules and clearances.

8. All herbicide application work shall be completed by, or under the supervision of, an individual with a valid herbicide license as required by state law, and provide the license upon request for BPA inspection. A copy of this license shall be furnished to the COR prior to starting work. The Contractor shall conduct all operations and public contacts in a manner creditable to the Government and the Contractor.

9. The COR or Field Inspector will meet or make contact with the contract supervisor to discuss activities and the plans for treatment. No work will be performed on the weekends and/or holidays, unless special conditions require work outside of normal hours, and with the approval of the COR or Field Inspector 2 working days prior.

Section 3: HERBICIDE APPLICATIONS AND ENVIROMENTAL PROTECTION

1. The Contractor shall apply herbicides in accordance with the label and consistent with standard industry practices. All herbicides, applications, mixtures, and adjuvants utilized must be consistent with BPA's List of Approved Herbicides.

2. The contractor shall select the herbicide product to be used, rotating the group number selection as necessary to prevent herbicide resistance evolving in vegetative species. Information on past applications is available from the COR.

3. Herbicide application rates and mixes shall be the responsibility of the Contractor. In no case shall the mixtures exceed the label rates for a particular herbicide or herbicide formulation. Certain facilities may have restrictions/mitigations that limit options for herbicide use. The COR may determine herbicide application rates and mixes at these sites and that information will be included in this contract. Additional guidelines for application rates and mixes are contained in Herbicide Impacts Mitigation Measures - Substation.

4. Prior to any herbicide applications, the Contractor shall thoroughly review the project area, along with substation vegetation management drawings and associated environmental documentation to identify and mark, if necessary, any buffer requirements, specific herbicide restrictions, or other mitigations/restrictions identified. The contractor shall adhere to the restrictions and/or mitigations identified in the contract documentation. Current substation vegetation drawings will be supplied in the contract documentation, identifying specific areas of treatment and restrictions on herbicide use due to the presence of sensitive resources (i.e. water, wells, vaults, secondary containment). Restrictions on herbicide use are detailed in Mitigation Measures - Substations and are to be applied to the substation management drawings.

5. The Contractor shall follow all weather restriction requirements and will observe all label, Federal, State, and local weather requirements relating to herbicide applications. No applications are allowed during periods of excessive moisture or wind, or during periods of low visibility (darkness or fog). The Contractor is responsible for making adjustments to schedules to assure compliance is maintained.

6. The contractor shall follow product label directions, as required by FIFRA, including "mandatory" statements (such as registered uses, maximum use rates, application restrictions, worker safety standards, environmental hazards, weather restrictions, and equipment cleaning).

7. The contractor shall follow all product label "advisory" statements (such as techniques for mixing, applying and cleaning within the mandatory requirements, recommendations for protection clothing, guidelines for differing soil types, etc.).

8. The contractor shall have a copy each herbicide label and Material Safety Data Sheet (MSDS) of products in use at work sites during all mixing and applications. The Contractor shall use drift reduction agents, as appropriate, to reduce the drift hazard when applying herbicides as broadcast or localized foliar treatments.

9. All herbicide applications shall be applied using liquid formulations in substations and microwave sites. Granular formulations may be applied, but only after prior approval from the COR. Switchyard platforms may be managed with liquid and/or dry (pelletized) herbicide formulations. With the COR's approval, and after review by BPA, new products or use areas may be used. BPA has the option to revise its Approved Herbicide List during any option performance year in the contract.

   The contractor shall identify and mark each of the facilities' catch basins, outfalls, containment liners, and utility vaults (to ensure no herbicides enter drainage or containment systems). The contractor may elect to cover the entry points to these systems to ensure no exposure to chemical formulations. If unable to locate drains, the Contractor shall contact the COR and/or Substation Operator for help locating the drain. These systems may have buffer requirements for certain chemicals, or may require "non-surface advisory warning" herbicides identified by substation maps. Substation maps are stored at (https://portal.bud.bpa.gov/orgs/ppa/ROW/vegetation/Substation%20Vegetation%20Management%20Drawings/Forms/AllItems.aspx).

10. The Contractor shall not apply herbicide in any stream, wetland, standing water, or any body of water. Some facilities may have standing water at certain times of the year. No applications can be made to facilities with standing water present.

11. Soil residual herbicide applications shall not be made when soils are saturated or when heavy precipitation is imminent (forecast within 12 hours).

14. The contractor shall use appropriate anti-siphon devices/methods when filling herbicide tanks from any water sources.

15. The Contractor shall ensure all mixing and loading areas for herbicide control are at least 250 feet from any waterway, well, or wetland areas.

16. The Contractor shall immediately notify BPA and the appropriate Federal/State of any and all spills, chemical or otherwise. The Contractor, at their expense and in accordance with the appropriate regulations, will clean up all spills immediately. Refer to the facility's Spill Prevention, Control and Countermeasure (SPCC) plan in the event of a spill (located inside each substation facility (some facilities do not have SPCC plans)). The Contractor and applicable personnel will be required to cooperate with any BPA or State investigation surrounding any spill.

17. The Contractor shall empty all herbicide containers which are triple rinsed and dispose them in accordance with applicable state and county regulations. No empty containers will be disposed of on BPA property. The Contractor is responsible for removal, from BPA property, all litter and/or garbage generated by the Contractor, his employees or representatives.

18. At times, weeds and other debris will blow into the control areas and along fences. Application of herbicides over this debris has shown to be ineffective. The Contractor is required to remove this debris from treatment areas before applications are performed.

19. The COR, or his Field Inspector, without prior notification, may test the product(s) being applied to substation yards for content and strength at any time during application. Failure to perform herbicide application to manufacturer's label recommendations may result in all work being stopped.

20. All spray mixes shall have blue marking die add to the mix so BPA personnel can inspect for overspray on equipment.

21. All district maintenance headquarters are to be treated after 5 p m. or on weekends to minimize herbicide exposer to BPA employees and to treat parking areas.

Section 4: NOTIFICATIONS AND RECORD-KEEPING

1. The Contractor shall obtain permission from private landowners or occupants prior to entering or taking water from their property and shall assume all responsibility to acquire and handle thereof.

2. Within two weeks of contract award, the Contractor shall notify the COR, Chief Substation Operator, or Field Inspector, of the schedule for herbicide application. Unless agreed to by the COR, Chief Substation Operator, or their Field Representative, coordination must occur at least 6 months prior to work initiation to assure compliance with outage scheduling for significant equipment and staff availability. Schedules will also be cross-referenced with planned Construction work and may require modifications as to not interrupt on-going projects

3. In October of each year, the Contractor shall notify the COR, Chief Substation Operator, or Field Inspector, of the schedule for herbicide application. Coordination must occur at least 90 days prior to work initiation to assure compliance with outage scheduling for significant equipment and staff availability. Schedules will also be cross-referenced with planned Construction work and may require modifications as to not interrupt on-going projects.

4. A TFBV Daily Herbicide Application Log (or a State mandated equivalent form) shall be completed for each facility at the time of application and submitted to the COR along with payment and invoice documents. No payment will be made for any work not documented by a BPA Form 5462.02 or equivalent.

5. The Contractor is responsible for submitting appropriate herbicide information on all applications to the state(s) that applications were made, as outlined in state regulations.

Section 5: SAFETY AND PROPERTY PROTECTION-

1. The Contractor shall be required to follow all applicable BPA regulations pertaining to entry and applicable safety rules contained in BPA's Accident Prevention Manual.

2. The Contractor shall be required to have a Job Hazard Analysis (JHA) on file and approved by BPA. Prior to entering a facility, a daily safety job briefing will be conducted in accordance with the Contractor's JHA and BPA's Accident Prevention Manual J-1 job briefing protocol.

3. Each person entering a BPA substation is required to sign the Security Log and record time of entry and departure, reason for entry, and organization represented. Supervisors are permitted to sign in and out for members of their crew, listing each person's name and entering it into the Security Log. At substations without a Security Log, the entry information is entered into the Substations Operating Log.

4. All Contractor employees will wear approved non-metallic **white** hard hats while performing work under this contract, with no exceptions. The Contractor shall furnish hard hats and other required safety equipment except that which has been specified to be furnished by the Government. See BPA's Contractor Safety & Health Requirements for additional PPE information.

5. The Contractor's equipment shall **not exceed 8 feet 6 inches** in height, including antenna. Any hoses that the contractor use must be non-conductive.

6. Whenever a Contractor employee enters an energized substation yard, communication equipment sites or building of the Government, or whenever work is in proximity to the Government's normally-energized transmission facilities, the Contractor shall provide for the safety of the crew and shall at all times take necessary precautions to protect the Government's facilities from accidental contact that will cause an outage or damage the facilities**. Do not apply herbicide directly on to electrical equipment, including all: cabinets, switches, switchboxes, control panels, conduit, standpipes, stations, grounding equipment, etc., that contains, or may contain, wires, breakers, switches, meters, gauges, etc., and all handles for opening or operating such. Electrical equipment also includes all gates, buildings, tools and toolboxes. Minimal overspray on concrete and metal tower legs is allowable as long as it is not on electrical equipment, and is minimized.**

7. The Contractor is required to immediately and safely clean all overspray off electrical equipment before leaving the site. If overspray is discovered on electrical equipment after the Contractor leaves, they shall return to the site and clean the electrical equipment at their own expense.

8. The Contractor will be escorted by BPA Substation Operators or approved BPA Safety Watchers for access and security reasons. No spray vehicle will be allowed to maneuver within **30 feet** of energized equipment without the full attention of BPA electrical personnel (yellow hat) or a BPA-approved safety watcher provided by the Contractor.

9. Upon receipt of a written notice issued by the Government of an injury or property damage claim, the Contractor will have 30 days to take the required remedial action.

10. Fueling of any gasoline vehicle or power tool on a transmission line right-of-way or within a substation or a communications site requires that the Contractor use safe practices. Safe practices include:
    A. The fueling device should be grounded and bonded to the object being fueled before any vapors are permitted to escape;
    B. No ungrounded object or person should be allowed within the zone of escaping vapors;
    C. Metal containers shall be used;
    D. Plastic or any other non-conductive container shall not be used.

11. The contractor shall leave MSDS/SDS sheets at each area treated, by the log book.

Section 6: DELIVERABLES

1. The contractor will communicate directly with BPA Points of Contact (below) at least 7 months prior to treatments (exception for base year in which case within two weeks (2) after contract award, remembering 500kV substations require at least 6 month notice prior to work, and 6 months prior to the month you want to work for spraying Capacitor yards) to properly schedule outages that may be required for significant equipment (i.e. Cap yards). Other scheduling issues may be pertinent to detail at that time (i.e. BPA supplied safety watchers, construction crews, Operations personnel availability, etc.).

2. The Contractor will guarantee the substation yards to remain vegetation-free for the period of the contract (one calendar year). Any additional herbicide application or other treatments during this period will be performed at the Contractor's expense. Follow-up treatments may be necessary to maintain a vegetation-free environment for the duration of the contract (one calendar year). Inspections occur monthly at each facility by BPA personnel and communication will need to be maintained with Points of Contact per district to assure a continual vegetation-free environment.

3. The contractor shall maintain a quality control program to ensure that all contractual requirements are met. The contractor is responsible for performing or having performed all inspections necessary to substantiate that the supplies or services furnished under this contract conform to contract requirements. The program shall include follow-up treatments as local Operations personnel and/or the COR identify live vegetation.

4. Specific locations may require alternate treatments or restrict the use of certain herbicides (i.e. containing groundwater & surface water advisories). The contractor is responsible for developing a vegetation treatment control plan within these restrictions while maintaining a vegetation-free environment for the duration of the contract.

5. The contractor will submit full completed daily application sheets for treatments performed within two (2) weeks following treatments. At a minimum, invoices shall include the following to be considered complete:

    A. Contract name,
    B. Contract number
    C. TFBV Daily Herbicide Application Log or State equivalent (including start and end times, chemicals applied, quantities applied, etc.), **limit one site per page**
    D. Name and acreage of substations treated, and chemical(s) used,
    E. Name and acreage of switches treated, and chemical(s) used,
    F. Invoice for safety watcher subcontractor (if BPA does not supply safety watcher)

    Complete invoices shall be submitted to the following inbox: Vegmgmt@bpa.gov and CC the districts NRS.

    Incomplete or illegible invoices will be returned to the Contractor.

The data that will be provided to the vendor or the vendor is collecting on BPA's behalf, has a rating of **low** under the FIPS 199 Standards for Security Categorization of Federal Information and Information Systems. This requires the vendor to protect BPA data using the NIST 800-53rev4 Security and Privacy Controls for Federal Information Systems and Organizations for a **low** rated system.

The attestation must include that they are protecting BPA information commensurate with NIST 800-53rev4; security controls for a low data categorization. If the vendor is using this standard, please provide attestation to NIST 800-53rev4. The attestation must be provided on a yearly basis.

Many private organizations use ISO-27001:2005/2013 (ISO/IEC 27001:2005/2013 – Information technology – Security techniques – Information security management systems – Requirements). If the vendor is using this standard, please provide attestation to ISO-27001:2005/2013.

Attestations can be in the form of a formal memorandum, letter, or email.

End SOW.

BPA Districts Points of Contact(s).

Area 1 –
Snohomish District:
Subs/Switch Platforms: Chief Operator, 360-563-3613 office
Microwave Sites: Supervisory Engineer, 360-563-3681 office

Covington District:
Subs/Switch Platforms: Chief Operator, 253-638-3713 office,
Microwave Sites: Supervisory Engineer, 253-638-3781 office

Area 2 –
Olympia District:
Subs/Switch Platforms: Chief Operator, 360 570-4311 office,
Microwave Sites: Supervisory Engineer, 360-570-4381 office

Chehalis (within Olympia District):
Subs/Switch Platforms: Same as above
Microwave Sites: Same as above

Longview District:
Subs/Switch Platforms: Chief Operator, 360 414-5611 office,
Microwave Sites: Supervisory Engineer, 360-414-5681 office

Ross (within Longview District):
Subs/Switch Platforms: Chief Operator, 360-418-2424 office,
Microwave Sites: Power Systems Control Craftsman, 360-418-2548 office, (b) (6)

Area 3 –
Salem District:
Subs/Switch Platforms: Chief Operator, 503-304-5912 office,
Microwave Sites: Supervisory Engineer, 503-304-5941 office

Eugene (aka Alvey) District:
Subs/Switch Platforms: Chief Operator, 541-988-7011 office,
Microwave Sites: Supervisory Engineer, 541-988-7061 office

North Bend District.
Subs/Switch Platforms: Chief Operator, 541-751-4011 office,
Microwave Sites: Supervisory Engineer, 541-988-7061 office

Area 4 –
Tri-Cities District:

Ashe sub-district:
Subs/Switch Platforms: Chief Operator, 509-546-5060 office,
Microwave Sites: Supervisory Engineer, 509-546-4980 office

Franklin sub-district:
Subs/Switch Platforms: Chief Operator, 509-542-5401 office,
Microwave Sites: Supervisory Engineer, 509-542-5411 office

McNary sub-district:
Subs/Switch Platforms: Chief Operator, 541-922-6815 office,
Microwave Sites: Supervisory Engineer, 509-546-4980 office

(b) (6)

(b) (6)

Area 4 –
The Dalles District:
Subs/Switch Platforms: Chief Operator, 541-296-5114x134 office, (b) (6)
Microwave Sites: Supervisory Engineer, 541-296-8032 ex118 office, (b) (6)

Celilo DC substation (within The Dalles District):
Sub: Chief Operator, 541-296-3615 ex196 office, (b) (6)

Area 4 -
Redmond District:
Subs/Switch Platforms: Chief Operator, 541-516-3211 office, (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 541-516-3281 office, (b) (6)

Malin sub-district:
Subs/Switch Platforms: Chief Operator, 541-723-2325 office, (b) (6)

Area 5 -
Spokane District
Bell and Lewiston sub-districts:
Subs/Switch Platforms: Chief Substation Operator III, 509-468-3129 office (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 509-468-3041 office,

Area 5 –
Wenatchee District
Sickler and Schultz sub-districts:
Subs/Switch Platforms: Chief Substation Operator III, 509-886-6015 office, (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 509-886-6082 office, (b) (6)

Area 6 -
Kalispell District
Subs/Switch Platforms: Chief Sub Operator III, 406-751-7891 office, (b) (6) .
Microwave Sites: Supervisory Electronics Engineer, 406-751-7881 office, (b) (6)

Area 7 -
Idaho Falls District
Subs/Switch Platforms: Chief Sub Operator III, 208-612-3160 office, (b) (6)
Microwave Sites: Supervisory Electronics Engineer, 208-612-3120 office, (b) (6)

End Points of Contact.

COMMERCIAL TERMS AND CONDITIONS.

CONTRACT-BASIC TERMS (28-1.1)
(MAR 2018)(BPI 28.3.4(a))

(a) This is a FFP contract with a Base Period and three pre-priced option year periods. By signing the contract cover page, Bonneville and the Contractor agree, subject to the attached terms and conditions, that Contractor shall sell to Bonneville the services identified herein at the prices set forth in the Schedule of Pricing.
(b) This contract shall become effective upon receipt of the signed contract and shall continue until the earlier of its expiration or termination pursuant to Clauses 28-9.1 and 28-9.2, Termination for Cause or Clauses 28-10.1 and 28-10.2, Termination for Bonneville's Convenience. Bonneville may extend the term of the base contract by exercising the pre-priced option, if any, by giving written notice to the Contractor.

SCHEDULE OF PRICING (28-2)
(jul 2013)(BPI 28.3.4(f))

The contractor shall provide the services at the prices identified in accordance with the Statement of Work and other associated documents.

Area 2: Olympia, Ross

4/1/2019 to 8/30/2020 Base Year

Item	Sub Item	Description	Qty	Unit	Unit Price	Total
0001		Olympia/Ross/Longview Bareground Herbicide Treatment	542.3	Acre	$ 275.00	$ 149,132.50
	0001a	Olympia Bareground Herbicide Treatment	241.4	Acre	$ 275.00	
	0001b	Longview Bareground Herbicide Treatment	300.9	Each	$ 275.00	
	0001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	0001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
0002		Switches	124	Each	$ 100.00	$ 12,400.00
	0002a	Switch Platforms Olympia	76	Each	$ 100.00	
	0002b	Switch Platforms Longview	48	Each	$ 100.00	
0003		Safety Watcher's				
	0003a	Safety Watcher Olympia		NTE		$ 25,000.00
	0003b	Safety Watcher Longview		NTE		$ 25,000.00
0004		Microwave Sites				
	0004b	Microwave Site - Rainier (Longview)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Megler (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Naselle Ridge (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Blyn (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Boisfert Peak (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Capitol Peak (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Chehalis (Olympia)	2	Each	$ 200.00	$ 400.00

	0004a	Microwave Site - Holcomb (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Minot Peak (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Raymond Hill (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - Raymond (Olympia)	2	Each	$ 200.00	$ 400.00
	0004a	Microwave Site - South Mtn. (Olympia)	2	Each	$ 200.00	$ 400.00
	0004b	Microwave Site - W. Portland (Ross)	2	Each	$ 200.00	$ 400.00
	0004b	Microwave Site - Biddle Butte (Ross)	2	Each	$ 200.00	$ 400.00
	0004b	Microwave Site - Ross Radio (Ross)	2	Each	$ 200.00	$ 400.00
				TOTAL PRICE		**$ 217,532.50**

9/1/2020 to 8/31/2021 Option Year 1						
1001		Olympia/Ross/Longview Bareground Herbicide Treatment	271.15	Acre	$ 275.00	$ 74,566.25
	1001a	Olympia Bareground Herbicide Treatment	120.7	Acre	$ 275.00	
	1001b	Longview Bareground Herbicide Treatment	150.45	Each	$ 275.00	
	1001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	1001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
1002		Switches	62	Each	$ 100.00	$ 6,200.00
	1002a	Switch Platforms Olympia	38	Each	$ 100.00	
	1002b	Switch Platforms Longview	24	Each	$ 100.00	
1003		Safety Watcher's				
	1003a	Safety Watcher Olympia		NTE		$ 12,500.00
	1003b	Safety Watcher Longview		NTE		$ 12,500.00
1004		Microwave Sites				
	1004b	Microwave Site - Rainier (Longview)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Megler (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Naselle Ridge (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Blyn (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Boisfert Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Capitol Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Chehalis (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Holcomb (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Minot Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Raymond Hill (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - Raymond (Olympia)	1	Each	$ 200.00	$ 200.00
	1004a	Microwave Site - South Mtn. (Olympia)	1	Each	$ 200.00	$ 200.00
	1004b	Microwave Site - W. Portland (Ross)	1	Each	$ 200.00	$ 200.00
	1004b	Microwave Site - Biddle Butte (Ross)	1	Each	$ 200.00	$ 200.00
	1004b	Microwave Site - Ross Radio (Ross)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		**$ 108,766.25**

9/1/2021 to 8/31/2022 Option Year 2

2001		Olympia/Ross/Longview Bareground Herbicide Treatment	271.15	Acre	$ 275.00	$ 74,566.25
	2001a	Olympia Bareground Herbicide Treatment	120.7	Acre	$ 275.00	
	2001b	Longview Bareground Herbicide Treatment	150.45	Each	$ 275.00	
	2001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	2001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
2002		Switches	62	Each	$ 100.00	$ 6,200.00
	2002a	Switch Platforms Olympia	38	Each	$ 100.00	
	2002b	Switch Platforms Longview	24	Each	$ 100.00	
2003		Safety Watcher's				
	2003a	Safety Watcher Olympia		NTE		$ 12,500.00
	2003b	Safety Watcher Longview		NTE		$ 12,500.00
2004		Microwave Sites				
	2004b	Microwave Site - Rainier (Longview)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Megler (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Naselle Ridge (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Blyn (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Boisfert Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Capitol Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Chehalis (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Holcomb (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Minot Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Raymond Hill (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - Raymond (Olympia)	1	Each	$ 200.00	$ 200.00
	2004a	Microwave Site - South Mtn. (Olympia)	1	Each	$ 200.00	$ 200.00
	2004b	Microwave Site - W. Portland (Ross)	1	Each	$ 200.00	$ 200.00
	2004b	Microwave Site - Biddle Butte (Ross)	1	Each	$ 200.00	$ 200.00
	2004b	Microwave Site - Ross Radio (Ross)	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			**$ 108,766.25**

9/1/2022 to 8/31/2023 Option Year 3						
3001		Olympia/Ross/Longview Bareground Herbicide Treatment	271.15	Acre	$ 275.00	$ 74,566.25
	3001a	Olympia Bareground Herbicide Treatment	120.7	Acre	$ 275.00	
	3001b	Longview Bareground Herbicide Treatment	150.45	Each	$ 275.00	
	3001c	Additional Acreage Olympia	TBD	Acre	$ 275.00	
	3001d	Additional Acreage Longview	TBD	Acre	$ 275.00	
3002		Switches	62	Each	$ 100.00	$ 6,200.00
	3002a	Switch Platforms Olympia	38	Each	$ 100.00	
	3002b	Switch Platforms Longview	24	Each	$ 100.00	

3003		Safety Watcher's				
	3003a	Safety Watcher Olympia		NTE		$ 12,500.00
	3003b	Safety Watcher Longview		NTE		$ 12,500.00
3004		Microwave Sites				
	3004b	Microwave Site - Rainier (Longview)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Megler (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Naselle Ridge (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Blyn (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Boisfert Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Capitol Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Chehalis (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Holcomb (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Minot Peak (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Raymond Hill (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - Raymond (Olympia)	1	Each	$ 200.00	$ 200.00
	3004a	Microwave Site - South Mtn. (Olympia)	1	Each	$ 200.00	$ 200.00
	3004b	Microwave Site - W. Portland (Ross)	1	Each	$ 200.00	$ 200.00
	3004b	Microwave Site - Biddle Butte (Ross)	1	Each	$ 200.00	$ 200.00
	3004b	Microwave Site - Ross Radio (Ross)	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			**$ 108,766.25**

TOTAL AREA 1 PRICE	**$ 543,831.25**

Area 3: Salem, Eugene Districts

3/15/2019 to 8/31/2020 Base Year

Item	Sub Item	Description	Qty	Unit	Unit Price	Total
0001		Salem/Eugene Bareground Herbicide Treatment	452.5	Acre	$ 275.00	$ 124,437.50
	0001e	Salem Bareground Herbicide Treatment	263	Acre	$ 275.00	
	0001f	Eugene Bareground Herbicide Treatment	189.5	Acre	$ 275.00	
	0001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	0001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
0002		Switch Platforms	120	Each	$ 100.00	$ 12,000.00
	0002e	Switch Platforms Salem	46	Each	$ 100.00	
	0002f	Switch Platforms Eugene	74	Each	$ 100.00	
0003		Safety Watcher		NTE		$ 50,000.00
	0003e	Safety Watcher Salmen		NTE	$ 25,000.00	
	0003f	Safety Watcher Eugene		NTE	$ 25,000.00	
0004		Microwave Sites				
	0004f	Microwave Site - Coburg	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Lowell Butte	2	Each	$ 100.00	$ 200.00

	0004f	Microwave Site - Mary's Peak	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Noti	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Scott Mt.	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Blue Ridge	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Goodwin Peak	2	Each	$ 100.00	$ 200.00
	0004f	Microwave Site - Kenyon	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Bald Peak	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Hall Ridge	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Mt. Hebo	2	Each	$ 100.00	$ 200.00
	0004e	Microwave Site - Prospect	2	Each	$ 100.00	$ 200.00
				TOTAL PRICE		**$ 188,837.50**

9/1/2020 to 8/31/2021 Option Year 1						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
1001		Salem/Eugene Bareground Herbicide Treatment	226.25	Acre	$ 275.00	$ 62,218.75
	1001e	Salem Bareground Herbicide Treatment	131.5	Acre	$ 275.00	
	1001f	Eugene Bareground Herbicide Treatment	94.75	Acre	$ 275.00	
	1001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	1001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
1002		Switch Platforms	60	Each	$ 100.00	$ 6,000.00
	1002e	Switch Platforms Salem	23	Each	$ 100.00	
	1002f	Switch Platforms Eugene	37	Each	$ 100.00	
1003		Safety Watcher		NTE		$ 25,000.00
	1003e	Safety Watcher Salmen		NTE	$ 12,500.00	
	1003f	Safety Watcher Eugene		NTE	$ 12,500.00	
1004		Microwave Sites				
	1004f	Microwave Site - Coburg	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Lowell Butte	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Mary's Peak	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Noti	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Scott Mt.	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Blue Ridge	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Goodwin Peak	1	Each	$ 200.00	$ 200.00
	1004f	Microwave Site - Kenyon	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Bald Peak	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Hall Ridge	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Mt. Hebo	1	Each	$ 200.00	$ 200.00
	1004e	Microwave Site - Prospect	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		**$ 95,618.75**

9/1/2021 to 8/31/2022 Option Year 2						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
2001		Salem/Eugene Bareground Herbicide Treatment	226.25	Acre	$ 275.00	$ 62,218.75
	2001e	Salem Bareground Herbicide Treatment	131.5	Acre	$ 275.00	
	2001f	Eugene Bareground Herbicide Treatment	94.75	Acre	$ 275.00	
	2001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	2001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
2002		Switch Platforms	60	Each	$ 100.00	$ 6,000.00
	2002e	Switch Platforms Salem	23	Each	$ 100.00	
	2002f	Switch Platforms Eugene	37	Each	$ 100.00	
2003		Safety Watcher		NTE		$ 25,000.00
	2003e	Safety Watcher Salmen		NTE	$ 12,500.00	
	2003f	Safety Watcher Eugene		NTE	$ 12,500.00	
2004		Microwave Sites				
	2004f	Microwave Site - Coburg	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Lowell Butte	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Mary's Peak	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Noti	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Scott Mt.	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Blue Ridge	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Goodwin Peak	1	Each	$ 200.00	$ 200.00
	2004f	Microwave Site - Kenyon	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Bald Peak	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Hall Ridge	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Mt. Hebo	1	Each	$ 200.00	$ 200.00
	2004e	Microwave Site - Prospect	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			$ 95,618.75

9/1/2022 to 8/31/2023 Option Year 3						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
3001		Salem/Eugene Bareground Herbicide Treatment	226.25	Acre	$ 275.00	$ 62,218.75
	3001e	Salem Bareground Herbicide Treatment	131.5	Acre	$ 275.00	
	3001f	Eugene Bareground Herbicide Treatment	94.75	Acre	$ 275.00	
	3001g	Additional Acreage Salmen	TBD	Acre	$ 275.00	
	3001h	Additional Acreage Eugene	TBD	Acre	$ 275.00	
3002		Switch Platforms	60	Each	$ 100.00	$ 6,000.00
	3002e	Switch Platforms Salem	23	Each	$ 100.00	
	3002f	Switch Platforms Eugene	37	Each	$ 100.00	
3003		Safety Watcher		NTE		$ 25,000.00

	3003e	Safety Watcher Salmen		NTE	$ 12,500.00	
	3003f	Safety Watcher Eugene		NTE	$ 12,500.00	
3004		Microwave Sites				
	3004f	Microwave Site - Coburg	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Lowell Butte	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Mary's Peak	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Noti	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Scott Mt.	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Blue Ridge	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Goodwin Peak	1	Each	$ 200.00	$ 200.00
	3004f	Microwave Site - Kenyon	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Bald Peak	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Hall Ridge	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Mt. Hebo	1	Each	$ 200.00	$ 200.00
	3004e	Microwave Site - Prospect	1	Each	$ 200.00	$ 200.00
			TOTAL PRICE			**$ 95,618.75**

TOTAL AREA 4 PRICE	**$ 475,693.75**

Area 6: Kalispell District

3/15/2019 to 8/31/2020 Base Year						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
0001		Kalispell Bareground Herbicide Treatment	180	Acre	$ 275.00	$ 49,500.00
	0001i	Kalispell Bareground Herbicide Treatment	180	Acre	$ 275.00	
	0001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
0002		Switches	78	Each	$ 100.00	$ 7,800.00
	0002i	Switch Platforms Kalispell	78	Each	$ 100.00	
0003		Safety Watcher's		NTE		$ 50,000.00
	0003i	Safety Watcher Kalispell		NTE	$ 50,000.00	
0004		Microwave Sites				
	0004i	Blacktail Peak MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Thompson Falls MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Bald Mountain MW (BELL)	2	Each	$ 200.00	$ 400.00
	0004i	Miller Peak MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Rocky Ridge MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Jack Mountain MW (KMHQ)	2	Each	$ 200.00	$ 400.00
	0004i	Grassy Mountain MW (KMHQ)	2	Each	$ 200.00	$ 400.00

	0004i	Hungry Horse MW (KMHQ)	2	Each	$ 200.00	$ 400.00
				TOTAL PRICE		$ 110,500.00

9/1/2020 to 8/31/2021 Option Year 1						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
1001		Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	$ 24,750.00
	1001i	Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	
	1001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
1002		Switches	39	Each	$ 100.00	$ 3,900.00
	1002i	Switch Platforms Kalispell	39	Each	$ 100.00	
1003		Safety Watcher's		NTE		$ 25,000.00
	1003i	Safety Watcher Kalispell		NTE	$ 25,000.00	
1004		Microwave Sites				
	1004i	Blacktail Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Thompson Falls MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Bald Mountain MW (BELL)	1	Each	$ 200.00	$ 200.00
	1004i	Miller Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Rocky Ridge MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Jack Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Grassy Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	1004i	Hungry Horse MW (KMHQ)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 55,250.00

9/1/2021 to 8/31/2022 Option Year 2						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
2001		Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	$ 24,750.00
	2001i	Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	
	2001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
2002		Switches	39	Each	$ 100.00	$ 3,900.00
	2002i	Switch Platforms Kalispell	39	Each	$ 100.00	
2003		Safety Watcher's		NTE		$ 25,000.00
	2003i	Safety Watcher Kalispell		NTE	$ 25,000.00	
2004		Microwave Sites				
	2004i	Blacktail Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Thompson Falls MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Bald Mountain MW (BELL)	1	Each	$ 200.00	$ 200.00
	2004i	Miller Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Rocky Ridge MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Jack Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00

	2004i	Grassy Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	2004i	Hungry Horse MW (KMHQ)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 55,250.00

9/1/2022 to 8/31/2023 Option Year 3						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
3001		Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	$ 24,750.00
	3001i	Kalispell Bareground Herbicide Treatment	90	Acre	$ 275.00	
	3001j	Additional Acreage Kalispell	TBD	Acre	$ 275.00	
3002		Switches	39	Each	$ 100.00	$ 3,900.00
	3002i	Switch Platforms Kalispell	39	Each	$ 100.00	
3003		Safety Watcher's		NTE		$ 25,000.00
	3003i	Safety Watcher Kalispell		NTE	$ 25,000.00	
3004		Microwave Sites				
	3004i	Blacktail Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Thompson Falls MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Bald Mountain MW (BELL)	1	Each	$ 200.00	$ 200.00
	3004i	Miller Peak MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Rocky Ridge MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Jack Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Grassy Mountain MW (KMHQ)	1	Each	$ 200.00	$ 200.00
	3004i	Hungry Horse MW (KMHQ)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 55,250.00

TOTAL AREA 5 PRICE	$ 276,250.00

Area 7: Idaho Falls District

3/15/2019 to 8/31/2020 Base Year						
Item	Sub Item	Description	Qty	Unit	Unit Price	Total
0001		Idaho Falls Bareground Herbicide Treatment	100	Acre	$ 275.00	$ 27,500.00
	0001k	Idaho Falls Bareground Herbicide Treatment	100	Acre	$ 275.00	
	0001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
0002		Switches	20	Each	$ 100.00	$ 2,000.00
	0002k	Switch Platforms Idaho Falls	20	Each	$ 100.00	
0003		Safety Watcher's		NTE		$ 50,000.00
	0003k	Safety Watcher Idaho Falls		NTE	$ 50,000.00	
0004		Microwave Sites				

	0004k	Ashton Hill Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
	0004k	Bonanza Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
	0004k	Minidoka Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
	0004k	Thunder Ridge MW Radio Site (IDFM)	2	Each	$ 200.00	$ 400.00
				TOTAL PRICE		**$ 81,100.00**

9/1/2020 to 8/31/2021 Option Year 1						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
1001		Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	$ 13,750.00
	1001k	Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	
	1001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
1002		Switches	10	Each	$ 100.00	$ 1,000.00
	1002k	Switch Platforms Idaho Falls	10	Each	$ 100.00	
1003		Safety Watcher's		NTE		$ 25,000.00
	1003k	Safety Watcher Idaho Falls		NTE	$ 25,000.00	
1004		Microwave Sites				
	1004k	Ashton Hill Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	1004k	Bonanza Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	1004k	Minidoka Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	1004k	Thunder Ridge MW Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		**$ 40,550.00**

9/1/2021 to 8/31/2022 Option Year 2						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
2001		Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	$ 13,750.00
	2001k	Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	
	2001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
2002		Switches	10	Each	$ 100.00	$ 1,000.00
	2002k	Switch Platforms Idaho Falls	10	Each	$ 100.00	
2003		Safety Watcher's		NTE		$ 25,000.00
	2003k	Safety Watcher Idaho Falls		NTE	$ 25,000.00	
2004		Microwave Sites				
	2004k	Ashton Hill Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	2004k	Bonanza Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	2004k	Minidoka Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00

	2004k	Thunder Ridge MW Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 40,550.00

9/1/2022 to 8/31/2023 Option Year 3						
Item	**Sub Item**	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**
3001		Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	$ 13,750.00
	3001k	Idaho Falls Bareground Herbicide Treatment	50	Acre	$ 275.00	
	3001L	Additional Acreage Idaho Falls	TBD	Acre	$ 275.00	
3002		Switches	10	Each	$ 100.00	$ 1,000.00
	3002k	Switch Platforms Idaho Falls	10	Each	$ 100.00	
3003		Safety Watcher's		NTE		$ 25,000.00
	3003k	Safety Watcher Idaho Falls		NTE	$ 25,000.00	
3004		Microwave Sites				
	3004k	Ashton Hill Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	3004k	Bonanza Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	3004k	Minidoka Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
	3004k	Thunder Ridge MW Radio Site (IDFM)	1	Each	$ 200.00	$ 200.00
				TOTAL PRICE		$ 40,550.00

TOTAL AREA 5 PRICE	$ 202,750.00

TOTAL CONTRACT PRICE	$ 1,498,525.00

INVOICE (28-3)
(oct 2014) BPI 28.3.4(g))

(a) The Contractor shall submit an electronic invoice (or one hard-copy invoice, if authorized) to the address designated in the contract to receive invoices. The contractor will submit full completed daily application sheets for treatments performed within two (2) weeks following treatments. At a minimum, invoices shall include the following to be considered complete:
(1) Name and address of the Contractor;
(2) Invoice date and number;
(3) Contract number, contract line item number and, if applicable, the order number;
(4) Description, quantity, unit of measure, unit price and extended price of the items delivered;
(5) TFBV Daily Herbicide Application Log or State equivalent (including start and end times, chemicals applied, quantities applied, etc.), **limit one site per page**
(6) Name and acreage of substations treated, and chemical(s) used,
(7) Name and acreage of switches treated, and chemical(s) used,
(8) Invoice for safety watcher subcontractor (if BPA does not supply safety watcher)
(9) Terms of any discount for prompt payment offered;
(10) Name and address of official to whom payment is to be sent;
(11) Name, title, and phone number of person to notify in event of defective invoice; and

(12)Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.
(13)Electronic funds transfer (EFT) banking information.

(b) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR part 1315.

PAYMENT-FIRM FIXED PRICE (28-4.1)
(MAR 2018)(BPI 28.3.4(h))

(a) Payment.
(1) Items accepted. Payment shall be made for items accepted by Bonneville that have been delivered to the delivery destinations set forth in this contract.
(2) Prompt Payment. Bonneville will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR Part 1315.
(3) Electronic Funds Transfer.
(i) Payments under this contract shall be made by electronic funds transfer (EFT). Contractor shall provide its taxpayer identification number (TIN) and other necessary banking information for Bonneville to make payments through EFT. Receipt of payment information, including any changes, must be received by Bonneville 30 days prior to effective date of the change. Bonneville shall not be liable for any payment under this contract until receipt of the correct EFT information from Contractor, nor be liable for any penalty on delay of payment resulting from incorrect EFT information. Bonneville shall notify the Contractor within 7 days of its receipt of EFT information which it determines to be defective.
(ii) If Contractor assigns the proceeds of this contract per Clause 28-18 Assignment, the Contractor shall require, as a condition of any such assignment, that the assignee agrees to be paid by EFT and shall provide its EFT information as identified in (iii) below. The requirements of this clause shall apply to the assignee as if it were the Contractor.
(iii) Submission of EFT banking information to Bonneville. The Contractor shall submit EFT enrollment banking information directly to Bonneville Vendor Maintenance Team, using Substitute IRS Form w9e, Request for Taxpayer Identification Number and Certification, available from the CO or the Bonneville Vendor Maintenance Team. Contact and mailing information:

Bonneville Power Administration
PO Box 491
ATTN: NSTS-MODW Vendor Maintenance
Vancouver, WA 98666-0491

email: VendorMaintenance@bpa.gov
phone: 360-418-2800
fax: 360-418-8904

(4) Discount. In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.
(5) Overpayments. If the Contractor becomes aware of a duplicate contract financing or invoice payment or that Bonneville has otherwise overpaid on a contract financing or invoice payment, the Contractor shall:
(i) Remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including the –
(A) Circumstances of the overpayment (e.g. duplicate payment, erroneous payment, liquidation error, date(s) of overpayment);
(B) Affected contract number and delivery order number, if applicable;
(C) Affected contract line item or subline item, if applicable; and
(D) Contractor point of contact.
(ii) Provide a copy of the remittance and supporting documentation to the Contracting Officer.
(6) Interest.
(i) All amounts that become payable by the Contractor to Bonneville under this contract shall bear simple interest from the date due until paid unless paid within 30 days of becoming due. The interest

rate shall be the interest rate established by the Secretary of Treasury as provided in Section 611 of the Contracts Disputes Act of 1978 (Public Law 95-563)(41 U.S.C. 7101-7109), which is applicable to the period in which the amount becomes due, as provided in (a)(6)(v) of this clause, and then at the rate applicable for each six-month period as fixed by the Secretary until the amount is paid.

(ii) Bonneville may issue a demand for payment to the Contractor upon finding that a debt is due under the contract.

(iii) Final decision. The Contracting Officer will issue a final decision as required by BPI 21.3.11 if:
  (A) The Contracting Officer and the Contractor are unable to reach agreement on the existence or amount of a debt within 30 days;
  (B) The Contractor fails to liquidate a debt previously demanded by the Contracting Officer within the timeline specified in the demand for payment unless the amounts were not repaid because the Contractor has requested an installment payment agreement; or
  (C) The Contractor requests a deferment of collection on a debt previously demanded by the Contracting Officer.

(iv) If a demand for payment was previously issued for the debt, the demand for payment included in the final decision shall identify the same due date as the original demand for payment.

(v) Amounts shall be due at the earliest of the following dates:
  (A) The date fixed under this contract.
  (B) The date of the first written demand for payment, including any demand for payment resulting from a default termination.

(vi) The interest charge shall be computed for the actual number of calendar days involved beginning on the due date and ending on –
  (A) The date on which the designated office receives payment from the Contractor;
  (B) The date of issuance of a Bonneville check to the Contractor from which an amount otherwise payable has been withheld as a credit against the contract debt; or
  (C) The date on which an amount withheld and applied to the contract debt would otherwise have become payable to the Contractor.

INSPECTION/ACCEPTANCE-FIRM FIXED PRICE (28-5.1)
(MAR 2018)(BPI 28.3.4(j))

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. Bonneville reserves the right to inspect or test any supplies or services that have been tendered for acceptance. Bonneville may require repair or replacement of nonconforming supplies or re-performance of nonconforming services at no increase in contract price. If repair/replacement or re-performance will not correct the defects or is not possible, Bonneville may seek an equitable price reduction or adequate consideration for acceptance of nonconforming supplies or services. Bonneville must exercise its post-acceptance rights:

(a) within a reasonable time after the defect was discovered or should have been discovered; and
(b) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

CHANGES (28-6)
(JUL 2013)(BPI 28.3.4(l))

Changes in the terms and conditions of this contract may be made only by written agreement of the parties.

STOP WORK ORDER (28-7)
(MAR 2018)(BPI 28.3.4(m))

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop work order issued under this clause. Upon receipt of the order, the Contractor shall immediately

comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop work order is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either—

(1) Cancel the stop work order; or
(2) Terminate the work covered by the order as provided in the Termination for Bonneville's Convenience clause of this contract.

(b) If a stop work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume the work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if—

(1) The stop work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and
(2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop work order is not canceled and the work covered by the order is terminated for the convenience of Bonneville, the Contracting Officer shall allow reasonable costs resulting from the stop work order in arriving at the termination settlement.

(d) If a stop work order is not canceled and the work covered by the order is terminated for cause, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop work order.

FORCE MAJEURE/EXCUSABLE DELAY (28-8)
(JUL 2013)(BPI 28.3.3.6(n))

The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

TERMINATION FOR CAUSE – FIRM FIXED PRICE (28-9.1)
(MAR 2018)(BPI 28.3.4(o))

Bonneville may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide Bonneville, upon request, with adequate assurances of future performance. In the event of termination for cause, Bonneville shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to Bonneville for any and all rights and remedies provided by law. If it is determined that Bonneville improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

TERMINATION FOR BPA'S CONVENIENCE-FIRM FIXED PRICE (28-10.1)
(MAR 2018)(BPI 28.3.4(q))

Bonneville reserves the right to terminate this contract, or any part thereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid an amount for direct labor hours (as defined in the Schedule of the contract) determined by multiplying the number of direct labor hours expended before the effective date of termination by the hourly rate(s) in the contract, less any hourly rate payments already made to the Contractor plus reasonable charges the Contractor can demonstrate to the satisfaction of Bonneville using its standard record keeping system that have resulted

from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give Bonneville any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided.

WARRANTY (28-11)
(JUL 2013)(BPI 28.3.4(s))

The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract. All express warranties offered by the Contractor shall be incorporated into this contract.

LIMITATION OF LIABILITY (28-12)
(JUL 2013)(BPI 28.3.4(t))

Except as otherwise provided by an express warranty, the Contractor shall not be liable to Bonneville for consequential damages resulting from any defect or deficiencies in accepted items.

DISPUTES (28-13)
(JUL 2013)(BPI 28.3.4(u))

This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 7101-7109). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal, or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at BPI Clause 21-2 Disputes, which is incorporated by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute under the contract.

INDEMNIFICATION (28-14)
(MAR 2018)(BPI 28.3.4(v))

The Contractor shall indemnify Bonneville and its officers, employees, and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark, or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.

RISK OF LOSS (28-15)
(MAR 2018)(BPI 28.3.4(w))

Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to Bonneville upon:

(a) Delivery of the supplies to a carrier, if transportation is f.o.b. origin; or
(b) Delivery of the supplies to Bonneville at the destination specified in the contract, if transportation is f.o.b. destination.

TITLE (28-16)
(MAR 2018)(BPI 28.3.4(x))

Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to Bonneville upon acceptance, regardless of when or where Bonneville takes physical possession.

TAXES (28-17)
(JUL 2013)(BPI 28.3.4(y))

The contract price includes all applicable Federal, State, and local taxes and duties.

ASSIGNMENT (28-18)
(MAR 2018) (BPI 28.3.4(z))

The Contractor or its assignee may assign rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g. use of a Bonneville purchase card), the Contractor may not assign its rights to receive payments under this contract.

OTHER COMPLIANCES (28-19)
(JUL 2013)(BPI 28.3.4(aa))

The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.

REQUIREMENTS UNIQUE TO GOVERNMENT CONTRACTS – SERVICES (28-20.2)
(MAR 2018)(BPI 28.3.4(bb))

The Contractor shall comply with the following clauses that are incorporated by reference to implement provisions of law or Executive Orders applicable to acquisitions of commercial services:

APPLICABLE TO ALL SOLICITATIONS AND CONTRACTS:

(a) The following clauses are applicable to all contracts and solicitations:
- (1) Organizational Conflicts of Interest (Clause 3-2)
- (2) Certification, Disclosure and Limitation Regarding Payments to Influence Certain Federal Transactions (Clause 3-3)
- (3) Contractor Policy to Ban Text Messaging While Driving (Clause 15-14)
- (4) Contractor Employee Whistleblower Rights (Clause 3-10)
- (5) Utilization of Supplier Diversity Program Categories (Clause 8-3)
- (6) Restriction on Certain Foreign Purchases (Clause 9-8)
- (7) Combating Trafficking in Persons (Clause 10-25)
- (8) Printing (Clause 11-9)
- (9) Ozone Depleting Substances (Clause 15-7)
- (10) Refrigeration Equipment (Clause 15-8)
- (11) Energy Efficiency in Energy Consuming Products (Clause 15-9)
- (12) Recovered Materials (Clause 15-10)
- (13) Bio-Based Materials (Clause 15-11)
- (14) Acceleration of Payments to Small Business Contractors (Clause 22-21)
- (15) Subcontracting with Debarred or Suspended Entities (Clause 11-7)
- (16) Affirmative Action for Workers with Disabilities (Clause 10-2) except under the following conditions –
  - (i) Work performed outside the United States by employees who were not recruited within the United States; or
  - (ii) Contracts with State or local governments (or any agency, instrumentality, or subdivision) when that entity does not participate in work on or under the contract.
- (17) Equal Opportunity (Clause 10-1) except under the following conditions –
  - (i) Work performed on or within 40 miles of an Indian reservation where a Tribal Employment Rights Ordinance (TERO) is known to be in effect;

(ii) Work performed outside the United States by employees who were not recruited within the United States;
(iii) Individuals (as opposed to a firm with multiple employees); or
(iv) Contracts with State or local governments or any agency, instrumentality or subdivision thereof.

(18) Minimum Wage for Federal Contracts (Clause 10-28), except for work performed outside the United States by employees recruited outside the United States.

(19) Buy American Act – Supplies (Clause 9-3) except for the purchase of –
(i) Civil aircraft and related articles;
(ii) Supplies subject to trade agreement thresholds; or
(iii) Commercial IT equipment and supplies.

(20) Examination of Records.
(i) The Comptroller General of the United States, an appropriate Inspector General appointed under section 3 or 8G of the Inspector General Act of 1978 (5 U.S.C. app.), the Contracting Officer or authorized representatives thereof shall have access to and right to –
(A) Examine any of the Contractor's or any subcontractors' records that pertain to, and involve transactions relating to, this contract: and
(B) Interview any officer or employee regarding such transactions.
(ii) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until three years after final payment under this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for three years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.
(iii) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

APPLICABLE TO ALL SOLICITATIONS AND CONTRACTS ABOVE $150K:

(b) In addition to the requirements above, the following clauses are applicable to all contracts and solicitations that exceed or are expected to exceed $150K:
(1) Equal Opportunity for Veterans (Clause 10-19)
(2) Employment Reports on Veterans (Clause 10-20)
(3) Contract Work Hours and Safety Standards Act – Overtime Compensation (Clause 10-21)
(4) Nondisplacement of Qualified Workers (Clause 23-5), except for:
(i) Contracts and subcontracts awarded pursuant to 41 U.S.C. chapter 85, Committee for Purchase from People Who Are Blind or Severely Disabled;
(ii) Guard, elevator operator, messenger, or custodial services provided to the Government under contracts or subcontracts with sheltered workshops employing the "severely handicapped" as described in 40 U.S.C. 593;
(iii) Agreements for vending facilities entered into pursuant to the preference regulations issued under the Randolph Sheppard Act, 20 U.S.C. 107; or
(iv) Service employees who were hired to work under a Federal service contract and one or more nonfederal service contracts as part of a single job, provided that the service employees were not deployed in a manner that was designed to avoid the purposes of this subpart.
(v) Employment Eligibility Verification (Clause 10-18). All solicitations, contracts and IGCs; unless one, or more, of the following conditions exists:
(A) Are only for work that will be performed outside the United States;
(B) Are for a period of performance of less than 120 days; or
(C) Are only for:
(1) Commercially available off-the-shelf items;
(2) Items that would be COTS items, but for minor modifications (as defined in BPI 2.2); or

(3) Commercial services that are –
  (i) Part of the purchase of a COTS item (or an item that would be a COTS item, but for minor modifications);
  (ii) Performed by the COTS provider; and
  (iii) Are normally provided for that COTS item.
(4) Are with other U.S. federal government agencies.

ADDITIONAL REQUIREMENTS FOR SUBCONTRACTS

(c) The Contractor shall include the requirements in the following clauses in its subcontracts when these clauses are included in the Bonneville contract for commercial items or services:
  (1) Paragraph (c) Examination of Record of this clause. This paragraph shall be included in all subcontracts, except the authority of the Inspector General under paragraph (c)(2) does not flow down; and
  (2) Those clauses contained in this paragraph (d)(2). Unless otherwise indicated below, the extent of the requirement shall be as identified by the clause:
    (i) Contractor Employee Whistleblower Rights (Clause 3-10)
    (ii) Utilization of Supplier Diversity Program Categories (Clause 8-3), if the subcontract offers further subcontracting opportunities
    (iii) Equal Opportunity (Clause 10-1)
    (iv) Affirmative Action for Workers with Disabilities (Clause 10-2)
    (v) Employment Eligibility Verification (Clause 10-18), unless subcontracting for commercial items
    (vi) Equal Opportunity for Veterans (Clause 10-19)
    (vii) Employment Reports on Veterans (Clause 10-20)
    (viii) Contract Work Hours and Safety Standards Act (Clause 10-21)
    (ix) Combating Trafficking in Persons (Clause 10-25)
    (x) Minimum Wage for Federal Contracts (Clause 10-28)
    (xi) Subcontracting with Debarred or Suspended Entities (Clause 11-7), unless subcontracting for COTS items
    (xii) Acceleration of Payments to Small Business Contractors (Clause 22-21)
    (xiii) Nondisplacement of Qualified Workers (Clause 23-5)

(d) Text of clauses incorporated by reference is available at: http://www.bpa.gov/Doing%20Business/purchase/Pages/default.aspx.

ORDER OF PRECEDENCE (28-21)
(JUL 2013)(BPI 28.3.4(cc))

Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order:

(a) The Schedule of Pricing.
(b) The Assignments, Disputes, Payments, Invoice, Other Compliances, and Requirements Unique to Government Contracts clauses of this contract.
(c) Solicitation provisions if this is a solicitation.
(d) Other documents, exhibits, and attachments, including any license agreements for computer software.
(e) The specification or statement of work.

APPLICABLE LAW (28-22)
(JUL 2013)(BPI 28.3.4(dd))

United States law will apply to resolve any claim of breach of this contract.

UNIT 2 – OTHER CLAUSES

PRIVACY ASSURANCE (5-1)
(MAR 2018)(BPI 5.1.4 (a))

The contractor acknowledges and agrees that, in the course of its contract with Bonneville, contractor may receive or access personally identifiable information (PII) belonging to Bonneville. Contractor represents and warrants that its collection, access, use, storage, disposal, and disclosure of PII will comply with all applicable privacy laws and regulations, including the Privacy Act (5 U.S.C. § 552a), the E-Government Act (44 U.S.C. § 101), and DOE regulations (10 CFR § 1008, et seq.). Contractor is responsible for the actions and omissions of its employees for the handling of PII. The contractor agrees not to share PII with any entity not explicitly authorized by the contract. The contractor agrees to report any security breach of PII within 24 hours of discovery of the breach. The contractor shall seek express consent from Bonneville before storing any PII on data servers, including redundant servers, which reside outside of the United States.

OPTION TO EXTEND SERVICES (7-39)
(MAR 2018) (BPI 7.9.8(f))

Bonneville may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 5 days.

OPTION TO EXTEND THE TERM OF THE CONTRACT (7-40)
(MAR 2018) (BPI 7.9.8(g))

(a) Bonneville may extend the term of this contract by written notice to the Contractor within 5 days; provided that Bonneville gives the Contractor a preliminary written notice of its intent to extend at least 15 before the contract expires. The preliminary notice does not commit Bonneville to an extension.
(b) If Bonneville exercises this option, the extended contract shall be considered to include this option clause.
(c) The total duration of this contract, including the exercise of any options under this clause; shall not exceed 5 years and six months.

SERVICE CONTRACT LABOR STANDARDS (10-3)
(MAR 2018)(BPI 10.2.2.3)

(a) Definitions. As used in this clause-
"Act" means the Service Contract Labor Standards statute (41 U.S.C. § 6701-6707, et seq.).
"Contractor" when used in any subcontract, shall include the subcontractor, except in the term "Bonneville Prime Contractor."
"Service employee" means any person engaged in the performance of this contract other than any person employed in a bona fide executive, administrative, or professional capacity, as these terms are defined in Part 541 of Title 29, Code of Federal Regulations, as revised. It includes all service persons regardless of any contractual relationship that may be alleged to exist between a Contractor or subcontractor and such persons.
(b) Applicability. This contract is subject to the following provisions and to all other applicable provisions of the Act and regulations of the Secretary of Labor (29 CFR Part 4). This clause does not apply to contracts or subcontracts administratively exempted by the Secretary of Labor or exempted by 41 U.S.C. 6702, as interpreted in Subpart C of 29 CFR Part 4.
(c) Compensation.
(1) Each service employee employed in the performance of this contract by the Contractor or any subcontractor shall be paid not less than the minimum monetary wages and shall be furnished fringe

benefits in accordance with the wages and fringe benefits determined by the Secretary of Labor, or authorized representative, as specified in any wage determination attached to this contract.

(2)

(i) If a wage determination is attached to this contract, the Contractor shall classify any class of service employee not listed therein which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination) so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed class of employees shall be paid the monetary wages and furnished the fringe benefits which are determined pursuant to the procedures in this paragraph (c).

(ii) This conforming procedure shall be initiated by the Contractor prior to the performance of contract work by the unlisted class of employee. The Contractor shall submit Standard Form (SF) 1444, Request for Authorization of Additional Classification and Rate, to the Contracting Officer (CO) no later than 30 days after the unlisted class of employee performs any contract work. The CO shall review the proposed classification and rate and promptly submit the completed SF 1444 (which must include information regarding the agreement or disagreement of the employees' authorized representatives or the employees themselves together with the agency recommendation), and all pertinent information to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor. The Wage and Hour Division will approve, modify, or disapprove the action or render a final determination in the event of disagreement within 30 days of receipt or will notify the CO within 30 days of receipt that additional time is necessary.

(iii) The final determination of the conformance action by the Wage and Hour Division shall be transmitted to the Contracting Officer who shall promptly notify the Contractor of the action taken. Each affected employee shall be furnished by the Contractor with a written copy of such determination or it shall be posted as a part of the wage determination.

(iv) Establishing rates.

(A) The process of establishing wage and fringe benefit rates that bear a reasonable relationship to those listed in a wage determination cannot be reduced to any single formula. The approach used may vary from wage determination to wage determination, depending upon the circumstances. Standard wage and salary administration practices which rank various job classifications by pay grade pursuant to point schemes or other job factors may, for example, be relied upon. Guidance may also be obtained from the way different jobs are rated under federal pay systems (Federal Wage Board Pay System and the General Schedule) or from other wage determinations issued in the same locality. Basic to the establishment of any conformable wage rate(s) is the concept that a pay relationship should be maintained between job classifications based on the skill required and the duties performed.

(B) In the case of a contract modification, an exercise of an option or extension of an existing contract, or in any other case where a contract succeeds a contract under which the classification in question was previously conformed pursuant to paragraph (c) of this clause, a new conformed wage rate and fringe benefits may be assigned to such conformed classification by indexing (i.e., adjusting) the previous conformed rate and fringe benefits by an amount equal to the average (mean) percentage increase (or decrease, where appropriate) between the wages and fringe benefits specified for all classifications to be used on the contract which are listed in the current wage determination, and those specified for the corresponding classifications in the previously applicable wage determination. Where conforming actions are accomplished in accordance with this paragraph prior to the performance of contract work by the unlisted class of employees, the Contractor shall advise the CO of the action taken, but the other procedures in paragraph (c)(2)(ii) of this section need not be followed.

(C) No employee engaged in performing work on this contract shall in any event be paid less than the currently applicable minimum wage specified under section 6(a)(1) of the Fair Labor Standards Act of 1938, as amended.

(v) The wage rate and fringe benefits finally determined under this subparagraph (c)(2) of this clause shall be paid to all employees performing in the classification from the first day on which contract work is performed by them in the classification. Failure to pay the unlisted employees the

compensation agreed upon by the interested parties and/or finally determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract.

(vi) Upon discovery of failure to comply with subparagraph (c)(2) of this clause, the Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits, which shall be retroactive to the date such class or classes of employees commenced contract work.

(3) Adjustment of compensation. If the term of this contract is more than one year, the minimum monetary wages and fringe benefits required to be paid or furnished thereunder to service employees under this contract shall be subject to adjustment after one year and not less often than once every two years, under wage determinations issued by the Wage and Hour Division.

(d) Obligation to furnish fringe benefits. The Contractor or subcontractor may discharge the obligation to furnish fringe benefits specified in the attachment or determined under subparagraph (c)(2) of this clause by furnishing equivalent combinations of bona fide fringe benefits, or by making equivalent or differential cash payments only in accordance with Subpart D of 29 CFR Part 4.

(e) Minimum wage. In the absence of a wage determination for this contract, neither the Contractor nor any subcontractor under this contract shall pay any person performing work under this contract (regardless of whether the person is a service employee) less than the minimum wage specified by section 6(a)(1) of the Fair Labor Standards Act of 1938. Nothing in this clause shall relieve the Contractor or any subcontractor of any other obligation under law or contract for the payment of a higher wage to any employee.

(f) Successor contracts. If this contract succeeds a contract subject to the Act under which substantially the same services were furnished in the same locality, and service employees were paid wages and fringe benefits provided for in a collective bargaining agreement, in the absence of the wage determination for this contract setting forth such collectively bargained wage rates and fringe benefits, neither the Contractor nor any subcontractor under this contract shall pay any service employee performing any of the contract work (regardless of whether or not such employee was employed under the predecessor contract), less than the wages and fringe benefits provided for in such collective bargaining agreements, to which such employee would have been entitled if employed under the predecessor contract, including accrued wages and fringe benefits and any prospective increases in wages and fringe benefits provided for under such agreement. No contractor or subcontractor under this contract may be relieved of the foregoing obligation unless the limitations of 29 CFR Part 4.1b(b) apply or unless the Secretary of Labor or the Secretary's authorized representative finds, after a hearing as provided in 29 CFR Part 4.10, that the wages and/or fringe benefits provided for in such agreement are substantially at variance with those which prevail for services of a character similar in the locality, or determines, as provided in 29 CFR Part 4.11, that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's-length negotiations. Where it is found in accordance with the review procedures provided in 29 CFR 4.10 and/or 4.11 and Parts 6 and 8 that some or all of the wages and/or fringe benefits contained in a predecessor Contractor's collective bargaining agreement are substantially at variance with those which prevail for similar services in the locality, and/or that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's-length negotiations, the Department will issue a new or revised wage determination setting forth the applicable wage rates and fringe benefits. Such determination shall be made part of the contract or subcontract, in accordance with the decision of the Administrator, the Administrative Law Judge, or the Administrative Review Board, as the case may be, irrespective of whether such issuance occurs prior to or after the award of a contract or subcontract (53 Comp. Gen. 401 (1973)). In the case of a wage determination issued solely as a result of a finding of substantial variance, such determination shall be effective as of the date of the final administrative decision.

(g) Notification to employees. The Contractor and any subcontractor under this contract shall notify each service employee commencing work on this contract of the minimum monetary wage and any fringe benefits required to be paid pursuant to this contract, or shall post the wage determination attached to this contract. The poster provided by the Department of Labor (Publication WH 1313) shall be posted in a prominent and accessible place at the worksite. Failure to comply with this requirement is a violation of section 2(a)(4) of the Act and of this contract.

(h) Safe and sanitary working conditions. The Contractor or subcontractor shall not permit any part of the services called for by this contract to be performed in buildings or surroundings or under working conditions provided by or under the control or supervision of the Contractor or subcontractor which are unsanitary, hazardous, or dangerous to the health and safety of the service employees. The Contractor or subcontractor shall comply with the safety and health standards applied under 29 CFR Part 1925.

(i) Records.

(1) The Contractor and each subcontractor performing work subject to the Act shall make and maintain for three years from the completion of the work, and make them available for inspection and transcription by authorized representatives of the Wage and Hour Division, Employment Standards Administration, a record of the following:

(i) For each employee subject to the Act:

(A) Name, address and social security number;

(B) Correct work classification or classifications, rate or rates of monetary wages paid and fringe benefits provided, rate or rates of payment in lieu of fringe benefits and total daily and weekly compensation;

(C) Daily and weekly hours worked by each employee; and

(D) Any deductions, rebates, or refunds from the total daily or weekly compensation of each employee.

(ii) For those classes of service employees not included in any wage determination attached to this contract, wage rates or fringe benefits determined by the interested parties or by the Administrator or authorized representative under the terms of paragraph (iii) of this clause. A copy of the report required by subdivision (c)(2)(iv)(B) of this clause will fulfill this requirement.

(iii) Any list of the predecessor Contractor's employees which had been furnished to the Contractor as prescribed by paragraph (n) of this clause.

(2) The Contractor shall also make available a copy of this contract for inspection or transcription by authorized representatives of the Wage and Hour Division.

(3) Failure to make and maintain or to make available these records for inspection and transcription shall be a violation of the regulations and this contract, and in the case of failure to produce these records, the CO, upon direction of the Department of Labor and notification of the Contractor, shall take action to cause suspension of any further payment or advance of funds until the violation ceases.

(4) The Contractor shall permit authorized representatives of the Wage and Hour Division to conduct interviews with employees at the worksite during normal working hours.

(j) Pay periods. The Contractor shall unconditionally pay to each employee subject to the Act all wages due free and clear and without subsequent deduction (except as otherwise provided by law or regulations, 29 CFR Part 4), rebate, or kickback on any account. These payments shall be made no later than one pay period following the end of the regular pay period in which the wages were earned or accrued. A pay period under this Act may not be of any duration longer than semi-monthly.

(k) Withholding of payments and termination of contract. The CO shall withhold or cause to be withheld from the Bonneville prime contractor under this or any other Government contract with the prime contractor such sums as an appropriate official of the Department of Labor requests, or such sums as the CO decides may be necessary to pay underpaid employees employed by the Contractor or subcontractor. In the event of failure to pay any employees subject to the Act all or part of the wages or fringe benefits due under the Act, the CO may, after authorization or by direction of the Department of Labor and written notification to the Contractor, take action to cause suspension of any further payment or advance of funds until such violations have ceased. Additionally, any failure to comply with the requirements of this clause may be grounds for termination of the right to proceed with the contract work. In such event, the Bonneville may enter into other contracts or arrangements for completion of the work, charging the Contractor in default with any additional cost.

(l) Subcontracts. The Contractor agrees to include this clause in all subcontracts subject to the Act.

(m) Collective bargaining agreements applicable to service employees. If wages to be paid or fringe benefits to be furnished any service employees employed by the Bonneville prime contractor or any subcontractor under the contract are provided for in a collective bargaining agreement which is or will be effective during any period in which the contract is being performed, the Bonneville prime contractor shall report such fact to the CO, together with full information as to the application and accrual of such wages and fringe benefits, including

any prospective increases, to service employees engaged in work on the contract, and a copy of the collective bargaining agreement. Such report shall be made upon commencing performance on the contract, in the case of collective bargaining agreements effective at such time, and in the case of such agreements or provisions or amendments thereof effective at a later time during the period of contract performance, such agreements shall be reported promptly after negotiation thereof.

(n) Seniority Lists. Not less than ten days prior to completion of any contract being performed at a Bonneville facility where service employees may be retained in the performance of the succeeding contract and subject to a wage determination which contains vacation or other benefit provisions based upon length of service with a contractor (predecessor) or successor (29 CFR Part 4.173), the incumbent prime contractor shall furnish to the CO a certified list of the names of all service employees on the Contractor's or subcontractor's payroll during the last month of contract performance. Such list shall also contain anniversary dates of employment on the contract either with the current or predecessor contractors of each such service employee. The CO shall provide this list to the successor contractor at the commencement of the succeeding contract.

(o) Rulings and interpretations. Rulings and interpretations of the Act are contained in 29 CFR Part 4.

(p) Contractor’s certification

(1) By entering into this contract, the Contractor (and officials thereof) certifies that neither it (nor he or she) nor any person or firm who has a substantial interest in Contractor’s firm is a person or firm ineligible to be awarded Government contracts by virtue of the sanctions imposed under section 5 of the Act.

(2) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract under section 5 of the Act.

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

(q) Variations, tolerances and exemptions involving employment. Notwithstanding any of the provisions in paragraphs (b) through (o) of this clause, the following employees may be employed in accordance with the following variations, tolerances, and exemptions, which the Secretary of Labor, pursuant to section 4(b) of the Act prior to its amendment by Pub. L. 92-473, found to be necessary and proper in the public interest or to avoid serious impairment of the conduct of Government business.

(1) Apprentices, student-learners, and workers whose earning capacity is impaired by age, physical or mental deficiency, or injury may be employed at wages lower than the minimum wages otherwise required by section 2(a)(1) or 2(b)(1) of the Act without diminishing any fringe benefits or cash payments in lieu thereof required under section 2(a)(2) of the Act, in accordance with the conditions and procedures prescribed for the employment of apprentices, student-learners, handicapped persons, and handicapped clients of sheltered workshops under section 14 of the Fair Labor Standards Act of 1938, in the regulations issued by the Administrator (29 CFR Parts 520, 521, 524, and 525).

(2) The Administrator will issue certificates under the Act for the employment of apprentices, student-learners, handicapped persons, or handicapped clients of sheltered workshops not subject to the Fair Labor Standards Act of 1938, or subject to different minimum rates of pay under the two acts, authorizing appropriate rates of minimum wages (but without changing requirements concerning fringe benefits or supplementary cash payments in lieu thereof), applying procedures prescribed by the applicable regulations issued under the Fair Labor Standards Act of 1938 (29 CFR Parts 520, 521, 524, and 525).

(3) The Administrator will also withdraw, annul, or cancel such certificates in accordance with the regulations in 29 CFR Parts 525 and 528.

(r) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed and individually registered in a bona fide apprenticeship program registered with a State Apprenticeship Agency recognized by the U.S. Department of Labor, or if no such recognized agency exists in a State, under a program registered with the Office of Apprenticeship Training, Employer, and Labor Services (OATELS) U.S. Department of Labor. Any employee who is not registered as an apprentice in an approved program shall be paid the wage rate and fringe benefits contained in the applicable wage determination for the journeyman classification of work actually performed. The wage rates paid apprentices shall not be less than the wage rate for their level of progress set forth in the registered program, expressed as the appropriate percentage of the journeyman's rate contained in the applicable wage determination. The allowable ratio of apprentices to journeymen employed on the contract work in any craft classification shall not be greater than the ratio permitted to the Contractor as to his entire work force under the registered program.

(s) Tips. An employee engaged in an occupation in which the employee customarily and regularly receives more than $30 a month in tips may have the amount of these tips credited by the employer against the minimum wage required by section 2(a)(1) or section 2(b)(1) of the Act, in accordance with section 3(m) of the Fair Labor Standards Act and regulations, 29 CFR Part 531. However, the amount of the credit shall not exceed $1.34 per hour beginning January 1, 1981. To use this provision—
  (1) The employer must inform tipped employees about this tip credit allowance before the credit is utilized;
  (2) The employees must be allowed to retain all tips (individually or through a pooling arrangement and regardless of whether the employer elects to take a credit for tips received):
  (3) The employer must be able to show by records that the employee receives at least the applicable Service Contract Act minimum wage through the combination of direct wages and tip credit; and
  (4) The use of such tip credit must have been permitted under any predecessor collective bargaining agreement applicable by virtue of section 4(c) of the Act.

(t) Disputes concerning labor standards. The U.S. Department of Labor has set forth in 29 CFR Parts 4, 6, and 8 procedures for resolving disputes concerning labor standards requirements. Such disputes shall be resolved in accordance with those procedures and not the Disputes clause of this contract. Disputes concerning labor standards requirements 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.

FAIR LABOR AND SERVICE CONTRACT LABOR STANDARDS – PRICE ADJUSTMENT (10-4) (MAR 2018)(BPI 10.2.3.3.2)

(a) The Contractor warrants that the prices in this contract do not include any allowance for any contingency to cover increased costs for which adjustment is provided under paragraph (d) below.

(b) The minimum monetary wages and fringe benefits required to be paid or furnished to service employees under this contract as set forth in the wage determination, shall be subject to adjustment if (1) the period of performance of this contract exceeds two years, (2) the contract contains option provisions specifying that a differing wage determination shall apply thereto, (3) an amendment to the Fair Labor Standards Act is enacted revising the minimum wage rate, (4) a contract modification significantly changes the nature of the work, or, (5) the Department of Labor otherwise directs.

(c) The contract price or contract unit priced labor rates will be adjusted to reflect the Contractor's actual increase or decrease in applicable wages and fringe benefits to the extent that the increase is made to comply with the new rates, or the decrease is voluntarily made by the Contractor.

(d) Any such adjustment shall be limited to increases or decreases in wages and fringe benefits as described in paragraph (c) of this clause, and the accompanying increases or decreases in social security and unemployment taxes and workers' compensation insurance, but shall not otherwise include any amount for general and administrative costs, material costs, overhead, or profit. (For example, the prior year wage determination required a minimum wage rate of $4.00 per hour. The Contractor chose to pay $4.10. The new wage determination increases the minimum rate to $4.50 per hour. Even if the Contractor voluntarily increases the rate to $4.75 per hour, the allowable price adjustment is $.40 per hour.)

(e) The Contractor shall notify the Contracting Officer (CO) of any increase claimed under this clause within 30 days after receiving a new wage determination unless this notification period is extended in writing by the CO. The Contractor shall promptly notify the CO of any decrease under this clause, but nothing in the clause shall preclude the Bonneville from asserting a claim within the period permitted by law. The notice shall contain a statement of the amount claimed and any relevant supporting data, including payroll records that the CO may reasonably require. Upon agreement of the parties, the contract price or contract unit price labor rates shall be modified in writing. The Contractor shall continue performance pending agreement on, or determination of, any such adjustment and its effective date.

(f) The CO or an authorized representative shall have access to and the right to examine any pertinent books, documents, papers and records of the Contractor until the expiration of 3 years after final payment under the contract.

SERVICE CONTRACT WAGE DETERMINATION (10-5)
(Oct 2014) (BPI 10.2.2.3(b))

The wage determination(s) referred to in the clause 10-3, Service Contract Labor Standards, are incorporated into the contract, and are identified as follows:

Please see SAM.gov | Search for most up to date SCA wage rates.

NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT (10-6)
(Oct 2014) (BPI 10.1.7.2)

(a) During the term of this contract, the contractor agrees to post a notice, of such size and in such form, and containing such content as the Secretary of Labor shall prescribe, in conspicuous places in and about its plants and offices where employees covered by the National Labor Relations Act engage in activities relating to the performance of the contract, including all places where notices to employees are customarily posted both physically and electronically. The notice shall include the information contained in the notice published by the Secretary of Labor in the Federal Register (Secretary's Notice).
(b) The contractor will comply with all provisions of the Secretary's Notice, and related rules, regulations, and orders of the Secretary of Labor.
(c) In the event that the contractor does not comply with any of the requirements set forth in paragraphs (a) or (b) above, this contract may be cancelled, terminated, or suspended in whole or in part, and the contractor maybe declared ineligible for future Government contracts in accordance with procedures authorized in or adopted pursuant to Executive Order 13496. Such other sanctions or remedies may be imposed as are provided in Executive Order 13496, or by rule, regulation, or order of the Secretary of Labor, or as are otherwise provided by law.
(d) The contractor will include the provisions of paragraphs (a) through (c) above in every subcontract entered into in connection with this contract (unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 3 of Executive Order 13496 of January 30, 2009), so that such provision will be binding upon each subcontractor. The contractor will take such action with respect to any such contract as may be directed by the Secretary of Labor as a means of enforcing such provisions, including the imposition of sanctions for noncompliance: Provided, however, that if the contractor becomes involved in litigation with a subcontractor, or is threatened with such involvement, as a result of such direction, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

PAID SICK LEAVE UNDER EXECUTIVE ORDER 13706 (10-22)
(MAR 2018) (BPI 10.1.12.9)

(a) Definitions. As used in this clause (in accordance with 29 CFR 13.2) –
"Child", "domestic partner", and "domestic violence" have the meaning given in 29 CFR 13.2.

"Employee" –

(1)
(i) Means any person engaged in performing work on or in connection with a contract covered by Executive Order (E.O.) 13706, and
(A) Whose wages under such contract are governed by the Service Contract Labor Standards statute (41 U.S.C. chapter 67), the Wage Rate Requirements (Construction) statute (40 U.S.C. chapter 31, subchapter IV), or the Fair Labor Standards Act (29 U.S.C. chapter 8),
(B) Including employees who qualify for an exemption from the Fair Labor Standards Act's minimum wage and overtime provisions,
(C) Regardless of the contractual relationship alleged to exist between the individual and the employer; and
(ii) Includes any person performing work on or in connection with the contract and individually registered in a bona fide apprenticeship or training program registered with the Department of Labor's

Employment and Training Administration, Office of Apprenticeship, or with a State Apprenticeship Agency recognized by the Office of Apprenticeship.

(2)
  (i) An employee performs “on” a contract if the employee directly performs the specific services called for by the contract; and
  (ii) An employee performs “in connection with” a contract if the employee’s work activities are necessary to the performance of a contract but are not the specific services called for by the contract.

“Individual related by blood or affinity whose close association with the employees is the equivalent of a family relationship” has the meaning given in 29 CFR 13.2.

“Multiemployer” plan means a plan to which more than one employer is required to contribute and which is maintained pursuant to one or more collective bargaining agreements between one or more employee organizations and more than one employer.

“Paid sick leave” means compensated absence from employment that is required by E.O. 13706 and 29 CFR 13.

“Parent”, “sexual assault”, “spouse”, and “stalking” have the meaning given in 29 CFR 13.2.

“United States” means the 50 States and the District of Columbia.

(b) Executive Oder 13706.
  (1) This contract is subject to E.O. 13706 and the regulations issued by the Secretary of Labor in 29 CFR part 13 pursuant to the E.O.
  (2) If this contract is not performed wholly within the United States, this clause only applies with respect to that part of the contract that is performed within the United States.

(c) *Paid sick leave*. The Contractor shall –
  (1) Permit each employee engaged in performing work on or in connection with this contract to earn not less than 1 hour of paid sick leave for every 30 hours worked;
  (2) Allow accrual and use of paid sick leave as required by E.O. 13706 and 29 CFR part 13;
  (3) Comply with the accrual, use, and other requirements set forth in 29 CFR 13.5 and 13.6, which are incorporated by reference in this contract;
  (4) Provide paid sick leave to all employees when due free and clear and without subsequent deduction (except as otherwise provided by 29 CFR 13.24), rebate, or kickback on any account;
  (5) Provide pay and benefits for paid sick leave used no later than one pay period following the end of the regular pay period in which the paid sick leave was taken; and
  (6) Be responsible for the compliance by any subcontractor with the requirements of E.O. 13706, 29 CFR part 13, and this clause.

(d) Contractors may fulfill their obligations under E.O. 13706 and 29 CFR part 13 jointly with other contractors through a multiemployer plan, or may fulfill their obligations through an individual fund, plan, or program (see 29 CFR 13.8).

(e) *Withholding*. The Contracting Officer will, upon his or her 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 or any other Federal contract with the same Contractor, so much of the accrued payments or advances as may be considered necessary to pay employees the full amount owed to compensate for any violation of the requirements of E.O. 13706, 29 CFR part 13, or this clause, including –
  (1) Any pay and/or benefits denied or lost by reason of the violation;
  (2) Other actual monetary losses sustained as a direct result of the violation; and
  (3) Liquidated damages.

(f) Payment suspicion/contract termination/contractor debarment.
  (1) In the event of a failure to comply with E.O. 13706, 29 CFR part 13, or this clause, Bonneville may, on its own action or after authorization or by direction of the Department of Labor and written notification to the Contractor take action to cause suspension of any further payment, advance, or guarantee of funds until such violations have ceased.
  (2) Any failure to comply with the requirements of this clause may be grounds for termination for default or cause.

(3) A breach of the contract clause may be grounds for debarment as a contractor and subcontractor as provided in 29 CFR 13.52.

(g) The paid sick leave required by E.O. 13706, 29 CFR part 13, and this clause is in addition to the Contractor's obligations under the Service Contract Labor Standards statute and Wage Rate Requirements (Construction) statute, and the Contractor may not receive credit toward its prevailing wage or fringe benefit obligations under those Acts for any paid sick leave provided in satisfaction of the requirements of E.O. 13706 and 29 CFR part 13.

(h) Nothing in E.O. 13706 or 29 CFR part 13 shall excuse noncompliance with or supersede any applicable Federal or State law, any applicable law or municipal ordinance, or a collective bargaining agreement requiring greater paid sick leave or leave rights than those established under E.O. 13706 and 29 CFR part 13.

(i) Recordkeeping.

(1) The Contractor shall make and maintain, for no less than three (3) years from the completion of the work on the contract, records containing the following information for each employee, which the Contractor shall make available upon request for inspection, copying, and transcription by authorized representatives of the Administrator of the Wage and Hour Division of the Department of Labor:

(i) Name, address, and social security number of each employee.
(ii) The employee's occupation(s) or classification(s).
(iii) The rate or rates of wages paid (including all pay and benefits provided).
(iv) The number of daily and weekly hours worked.
(v) Any deductions made.
(vi) The total wages paid (including all pay and benefits provided) each pay period.
(vii) A copy of notifications to employees of the amount of paid sick leave the employee has accrued, as required under 29 CFR 13.5(a)(2).
(viii) A copy of employees' requests to use paid sick leave, if in writing, or, if not in writing, any other records reflecting such employee requests.
(ix) Dates and amounts of paid sick leave taken by employees (unless the Contractor's paid time off policy satisfies the requirements of E.O. 13706 and 29 CFR part 13 described in 29 CFR 13.5(f)(5), leave shall be designated in records as paid sick leave pursuant to E.O. 13706(d)(3).
(x) A copy of any written responses to employees' requests to use paid sick leave, including explanations for any denials of such requests, as required under 29 CFR 13.5(d)(3).
(xi) Any records reflecting the certification and documentation the Contractor may require an employee to provide under 29 CFR 13.5(e), including copies of any certification or documentation provided by an employee.
(xii) Any other records showing any tracking of or calculations related to an employee's accrual or use of paid sick leave.
(xiii) The relevant contract.
(xiv) The regular pay and benefits provided to an employee for each use of paid sick leave.
(xv) Any financial payment made for unused paid sick leave upon a separation from employment intended, pursuant to 29 CFR 13.5(b)(5), to relieve the Contractor from the obligation to reinstate such paid sick leave as otherwise required by 29 CFR 13.5(b)(4).

(2)

(i) If the Contractor wishes to distinguish between an employees' covered and noncovered work, the Contractor shall keep records or other proof reflecting such distinctions. Only if the Contractor adequately segregates the employee's time will time spent on noncovered work be excluded from hours worked counted toward the accrual of paid sick leave. Similarly, only if the Contractor adequately segregates the employee's time may the Contractor properly refuse an employee's request to use paid sick leave on the ground that the employee was scheduled to perform noncovered work during the time he or she asked to use paid sick leave.
(ii) If the Contractor estimates covered hours worked by an employee who performs work in connection with contracts covered by the E.O. pursuant to 29 CFR 13.5(a)(i) or (iii), the Contractor shall keep records or other proof of the verifiable information on which such estimates are reasonably based. Only if the Contractor relies on an estimate that is reasonable and based on verifiable information will an employee's time spent in connection with noncovered work be excluded from hours worked counted toward the accrual of paid sick leave. If the Contractor estimates the amount of time an

employee spends performing in connection with contracts covered by the E.O., the Contractor shall permit the employee to use his or her paid sick leave during any work time the Contractor.

(3) In the event the Contractor is not obligated by the Service Contract Labor Standards statute, the Wage Rate Requirements (Construction) statute, or the Fair Labor Standards Act to keep records of an employee's hours worked, such as because the employee is exempt from the Fair Labor Standards Act's minimum wage and overtime requirements, and the Contractor chooses to use the assumption permitted by 29 CFR 13.5(a)(1)(iii), the Contractor is excused from the requirement in paragraph (i)(1)(iv) of this clause and 29 CFR 13.25(a)(4) to keep records of the employee's number of daily and weekly hours worked.

(4)

(i) Records relating to medical histories or domestic violence, sexual assault, or stalking, created for purposes of E.O. 13706, whether of an employee or an employee's child, parent, spouse, domestic partner, or other individual related by blood or affinity whose close association with the employee is the equivalent of a family relationship, shall be maintained as confidential records in separate files/records form the usual personnel files.

(ii) If the confidentiality requirements of the Genetic Information Nondiscrimination Act of 2008 (GINA), section 503 of the Rehabilitation Act of 1973, and/or the Americans with Disabilities Act (ADA) apply to records or documents created to comply with the recordkeeping requirements in this contract clause, the records and documents shall also be maintained in compliance with the confidentiality requirements of the GINA, section 503 of the Rehabilitation Act of 1973, and/or ADA as described in 29 CFR 1635.9, 41 CFR 60-741.23(d), and 29 CFR 1630.14(c)(1), respectively.

(iii) The Contractor shall not disclose any documentation used to verify the need to use 3 or more consecutive days of paid sick leave for the purposes listed in 29 CFR 13.5(c)(1)(iv) (as described in 29 CFR 13.5(e)(1)(ii) and shall maintain confidentiality about any domestic abuse, sexual assault, or stalking, unless the employee consents or when disclosure is required by law.

(5) The Contractor shall permit authorized representatives of the Wage and Hour Division to conduct interviews with employees at the worksite during normal working hours.

(6) Nothing in this contract clause limits or otherwise modifies the Contractor's recordkeeping obligations, if any, under the Service Contract Labor Standards statute, the Wage Rate Requirements (Construction) statute, the Fair Labor Standards Act, the Family and Medical Leave Act, E.O. 13658, their respective implementing regulations, or any other applicable law.

(j) Interference/discrimination.

(1) The Contractor shall not in any manner interfere with an employee's accrual or use of paid sick leave as required by E.O. 13706 or 29 CFR part 13. Interference includes, but is not limited to –

(i) Miscalculating the amount of paid sick leave an employee has accrued;

(ii) Denying or unreasonably delaying a response to a proper request to use paid sick leave;

(iii) Discouraging an employee from using paid sick leave;

(iv) Reducing an employee's accrued paid sick leave by more than the amount of such leave used;

(v) Transferring an employee to work on contracts not covered by the E.O. to prevent the accrual or use of paid sick leave;

(vi) Disclosing confidential information contained in certification or other documentation provided to verify the need to use paid sick leave; or

(vii) Making the use of paid sick leave contingent on the employee's finding a replacement worker or the fulfillment of the Contractor's operational needs.

(2) The Contractor shall not discharge or in any other manner discriminate against any employee for –

(i) Using, or attempting to use, paid sick leave as provided for under E.O. 13706 and 29 CFR part 13;

(ii) Filing any complaint, initiating any proceeding, or otherwise asserting any right or claim under E.O. 13706 and 29 CFR part 13;

(iii) Cooperating in any investigation or testifying in any proceeding under E.O. 13706 and 29 CFR part 13; or

(iv) Informing any other person about his or her rights under E.O. 13706 and 29 CFR part 13.

(k) *Notice*. The Contractor shall notify all employees performing work on or in connection with a contract covered by the E.O. of the paid sick leave requirements of E.O. 13706, 29 CFR part 13, and this clause by posting a notice provided by the Department of Labor in a prominent and accessible place at the worksite so it may be

readily seen by employees. Contractors that customarily post notices to employees electronically may post the notice electronically, provided such electronic posting is displayed prominently on any website that is maintained by the Contractor, whether external or internal, and customarily used for notices to employees about terms and conditions of employment.

(l) *Disputes concerning labor standards*. Disputes related to the application of E.O. 13706 to this contract shall not be subject to the general disputes clause of the contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR part 13. Disputes within the meaning of this contract clause include disputes between the Contractor (or any of its subcontractors) and Bonneville Power Administration, the Department of Labor, or the employees or their representatives.

(m) *Subcontracts*. The Contractor shall insert the substance of this clause, including this paragraph (m), in all subcontracts, regardless of the dollar value, that are subject to the Service Contract labor Standards statute or the Wage Rate Requirements (Construction) statute, and are to be performed in whole or in part in the United States.

CONTRACT ADMINISTRATION REPRESENTATIVES (14-2)
(MAR 2018)(BPI 14.1.5(b))

(a) In the administration of this contract, the Contracting Officer may be represented by one or more of the following: Contracting Officer's Representative, Receiving Inspector, and/or Field Inspector for technical matters.

(b) These representatives are authorized to act on behalf of the Contracting Officer in all matters pertaining to the contract, except: (1) contract modifications that change the contract price, technical requirements or time for performance; (2) suspension or termination of the Contractor's right to proceed, either for default or for convenience of Bonneville; and (3) final decisions on any matters subject to appeal, as provided in a disputes clause. In addition, Field Inspectors may not make final acceptance under the contract.

BANKRUPTCY (14-18)
(Oct 2005)(BPI 14.19.3)

In the event the Contractor enters into proceedings relating to bankruptcy, whether voluntary or involuntary, the Contractor agrees to furnish written notification of the bankruptcy to the Contracting Officer responsible for administering the contract. This notification shall be furnished within five days of the initiation of the proceedings relating to bankruptcy filing. This notification shall include the date on which the bankruptcy petition was filed, the identity of the court in which the bankruptcy petition was filed, and a listing of Government contract numbers and contracting officers for all Government contracts against final payment has not been made. This obligation remains in effect until final payment under this contract.

CONTRACTOR COMPLIANCE WITH BONNEVILLE POLICIES (15-4)
(MAR 2018)(BPI 15.3.1.1(a))

(a) The contractor shall comply with all Bonneville policies affecting the Bonneville workplace environment. Examples of specific policies are:
   (1) Bonneville Smoking Policy (Bonneville Policy 440-1),
   (2) Use of Alcoholic Beverages, Narcotics, or Illegal Drug Substances on Bonneville Property or When in Duty Station (BPAM 400/792C),
   (3) Firearms and Other Weapons (BPAM 1086),
   (4) Standards of conduct regarding transmission information (BPI 3.2),
   (5) Identification Badge Program (Bonneville Security Standards Manual, Chapter 200-3)
   (6) Information Protection (Bonneville Policy 433-1),
   (7) Safeguards and Security Program (Bonneville Policy 430-1);
   (8) Managing Access and Access Revocation for NERC CIP Compliance (Bonneville Policy 430-2);
   (9) Cyber Security Program(Bonneville Policy 434-1),
   (10) Business Use of Bonneville Technology Services (BPAM Chapter 1110),

(11)Prohibition on soliciting or receiving donations for a political campaign while on federal property (18 U.S.C. § 607),
(12)Guidance on Violence and Threatening Behavior in the Workplace (DOE G 444-1-1),
(13)Inspection of persons, personal property and vehicles (41 CFR § 102-74.370),
(14)Preservation of property (41 CFR § 102-74.380),
(15)Compliance with Signs and Directions (41 CFR § 102-74.385),
(16)Disturbances (41 CFR § 102-74.390),
(17)Gambling Prohibited (41 CFR § 102-74.395),
(18)Soliciting, Vending and Debt Collection Prohibited (41 CFR § 102-74.410),
(19)Posting and Distributing Materials (41 CFR § 102-74.415)
(20)Photographs for News, Advertising or Commercial Purposes (41 CFR § 102-74.420), and
(21)Dogs and Other Animals Prohibited (41 CFR § 102-74.425).

(b) The contractor shall obtain from the CO information describing the policy requirements. A contractor who fails to enforce workplace policies is subject to suspension or default termination of the contract.

HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (15-6)
(MAR 2018)(BPI 15.4.2)

(a) The Contractor agrees to submit a Material Safety Data Sheet (Department of Labor Form OSHA-20), as prescribed in Federal Standard No. 313C, for all hazardous material 5 days before delivery of the material whether or not it is listed in Appendix A of the Standard. This obligation applies to all materials delivered under this contract which will involve exposure to hazardous materials or items containing these materials.
(b) "Hazardous material," as used in this clause, is as defined in Federal Standard, No. 313C, in effect on the date of this contract.
(c) Neither the requirements of this clause nor any act or failure to act by Bonneville shall relieve the Contractor of any responsibility or liability for the safety of Bonneville, Contractor, or subcontractor personnel or property.
(d) The Contractor shall comply with applicable Federal, state, and local laws, codes, ordinances, and with regulations (including the obtaining of licenses and permits) in connection with hazardous material.
(e) The Contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts at any tier (including purchase orders) under this contract involving hazardous material.

CONTRACTOR SAFETY AND HEALTH (15-12)
(MAR 2018)(BPI 15.6.4.1(a))

(a) The Contractor shall furnish a place of employment that is free from recognized hazards that cause or have the potential to cause death or serious physical harm to employees; and shall comply with occupational safety and health standards promulgated under the Occupational Safety and Health Act of 1970 (Public Law 91-598). Contractor employees shall comply with occupational safety and health standards and all rules, regulations, and orders issued pursuant to this Act which are applicable to their own actions and conduct.
  (1) All construction contractors working on contracts in excess of $100,000 shall comply with Department of Labor Contract Work Hours and Safety Standards (40 U.S.C. § 3701 et seq.).
  (2) The Contractor shall comply with:
    (i) National Fire Protection Association (NFPA) National Fire Codes for fire prevention and protection applicable to the work or facility being occupied or constructed;
    (ii) NFPA 70E, *Standard for Electrical Safety in the Workplace;*
    (iii) American Conference of Governmental Industrial Hygiene *Threshold Limit Values for Chemical Substances and Physical Agents* and Biological Exposure Indices; and,
    (iv) Any additional safety and health measures identified by the Contracting Officer.

  This clause does not relieve the Contractor from complying with any additional specific or corporate safety and health requirements that it determines to be necessary to protect the safety and health of employees.

(b) The Contractor bears sole responsibility for ensuring that all contractor's workers performing contract work possess the necessary knowledge and skills to perform the work correctly and safely. The Contractor shall

make any training and certification records necessary to demonstrate compliance with this requirement available for review upon request by Bonneville.

(c) The Contractor shall hold Bonneville and any other owners of the site of work harmless from any and all suits, actions, and claims for injuries to or death of persons arising from any act or omission of the Contractor, its subcontractors, or any employee of the Contractor or subcontractors, in any way related to the work under this contract.

(d) The Contractor shall immediately notify the Contracting Officer (CO), the Contracting Officer's Representative (COR), and the Safety Office by telephone at (360) 418-2397 of any death, injury, occupational disease or near miss arising from or incident to performance of work under this contract.
   (1) The Bonneville Safety Office business hours are 7:00 AM to 4:00 PM Pacific Time. If the Safety Office Officials are not available to take the phone call the contractor shall leave a voicemail that includes the details of the event, and the Contractor's contact information. The Contractor shall periodically repeat the phone call to the Safety Office until the Contractor is able to speak directly with a Bonneville Safety Official.
   (2) The Contractor shall follow up each phone call notification with an email to SafetyNotification@bpa.gov immediately for any fatality or within 24 hours for non-fatal events.
   (3) The Contractor shall complete Bonneville form 6410.15e Contractor's Report of Personal Injury, Illness, or Property Damage Accident and submit the form to the CO, COR, and Safety Office within five (5) working days of such an occurrence. The Contractor shall include photographs and witness statements with the report.
   (4) In the case of a Near Miss Incident that does not involve injury, illness, or property damage, the Contractor shall complete Bonneville Form 6410.18e Contractor's Report of Incident/Near Miss and submit the form to the CO, COR, and Safety Office within five (5) working days of such an occurrence. The Contractor shall include photographs and witness statements with the report.

(e) Notification of Imminent Danger and Workers Right to Decline Work
   (1) All workers, including contractors and Bonneville employees, are responsible for identifying and notifying other workers in the affected area of imminent danger at the site of work. Imminent danger is any condition or practice that poses a danger that could reasonably be expected to cause death or severe physical hardship before the imminence of such danger could be eliminated through normal procedures.
   (2) A contract worker has the right to ask, without reprisal, their onsite management and other workers to review safe work procedures and consider other alternatives before proceeding with a work procedure. Reprisal means any action taken against an employee in response to, or in revenge for, the employee having raised, in good faith, reasonable concerns about a safety and health aspect of the work required by the contract.
   (3) A contract worker has the right to decline to perform tasks, without reprisal, that will endanger the safety and health of themself or of other workers.
   (4) The Contractor shall establish procedures that allow workers to cease or decline work that may threaten the safety and health of the worker or other workers.

(f) Bonneville encourages all contractor workers to raise safety and health concerns as a way to identify and control safety hazards. The Contractor shall develop and communicate a formal procedure for submittal, resolution, and communication of resolution and corrective action to the worker submitting the concern. The procedure shall (1) encourage workers to identify safety and health concerns directly to their supervisor and employer using the employer's reporting process; and (2) inform workers that they may raise safety concerns to Bonneville or the State OSHA. Workers may notify the Safety Office at (360) 418-2397 if the employer's work process does not resolve the worker's safety and health concern. Bonneville may coordinate the response to a contractor worker's safety and health concerns with the State OSHA when necessary to facilitate resolution.

(g) Bonneville employees may direct the contractor to stop a work activity due to safety and health concerns. The Bonneville employee shall notify the Contractor orally with written confirmation, and request immediate initiation of corrective action. After receipt of the notice the Contractor shall immediately take corrective action to eliminate or mitigate the safety and health concern. When a Bonneville employee stops a work activity due to a safety and health concern the Contractor shall immediately notify the CO, provide a description of the event, and identify the Bonneville employee that halted the work activity. The Contractor shall not resume the stopped work activity until authorization to resume work is issued by a Bonneville Safety Official. The

Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule when Bonneville stops a work activity due to safety and health concerns that occurred under the Contractor's control.

(h) The Contractor shall keep a record of total monthly labor hours worked at the site of work. The Contractor shall include a separate calculation of the monthly total labor hours for each subcontractor in the contractor's monthly data. Upon request by the CO, COR or Bonneville Safety Office, the Contractor shall provide the total labor hours for a completed month to Bonneville no later than the 15th calendar day of the following month. The requestor shall identify the required reporting format and procedures.

(i) The Contractor shall include this clause, including paragraph (i) in subcontracts. The Contractor may make appropriate changes in the designation of the parties to reflect the prime contractor--subcontractor arrangement. The Contractor is responsible for enforcing subcontractor compliance with this clause.

CONTRACTOR SAFETY AND HEALTH REQUIREMENTS (15-13)
(MAR 2018)(BPI 15.6.4.1(b))

(a) The Contractor shall prepare a site specific safety plan (SSSP) and submit the SSSP to the Contracting Officer (CO) or the CO's designee. The Contractor is prohibited from performing on site work without written authorization from the CO. The CO is prohibited from issuing an authorization to proceed with on-site work until the Bonneville Safety Office has reviewed the SSSP and any concerns are resolved.

(b) The Contractor shall follow the work procedures provided in the *Contractor Safety and Health Requirements for Prime and Subcontractors*. The full text of the *Contractor Safety and Health Requirements for Prime and Subcontractor*s is available at http://www.bpa.gov/Doing%20Business/purchase/Pages/default.aspx.

(c) The Contractor shall include this clause in all subcontracts.

HOMELAND SECURITY (15-18)
(MAR 2018) (BPI 15.10.3)

(a) If any portion of the Contractor's maintenance or support service is located in a foreign country, then the Contractor will disclose those foreign countries to Bonneville to determine if the foreign country is on the Sensitive Country List or is a Terrorist Country as determined by the United States Department of State. Bonneville will notify the Contractor in writing whether or not it can allow an intangible export of Bonneville's Critical Information or if a Deemed Export License is required.

(b) The Contractor shall notify the CO in writing in advance of any consultation with a foreign national or other third party that would expose them to Bonneville Critical Information. Bonneville will approve or reject consultation with the third party.

(c) Notification of Security Incident. The Contractor shall immediately notify Bonneville's Office of the Chief Information Officer (OCIO) Chief Information Security Officer (CISO) of any security incident and cooperate with Bonneville in investigating and resolving the security incident. In the event of a security incident, the Contractor shall notify the CISO by telephone at 503-230-5088 and ask for a Cyber Security Officer. Bonneville may also provide in writing to the Contractor alternate phone numbers for contacting Cyber Security Officers. A call back voice message may be left but not the details of the Security Incident.

SAFETY VERIFICATION SUBSCRIPTION (15-52)
(MAR 2018)

The Contractor agrees to maintain, a subscription with Bonneville's third party safety verification provider for the duration of this Contract. For subscription information, please visit http://www.bpa.gov/Doing%20Business/Pages/Contractor-Safety.aspx. The information requested will assist Bonneville in evaluation of the health, safety and environmental performance of the Contractor.

A minimum safety rating of "C" is required for performing the services requested in this contract. Depending on the size of this contract action and other scope-specific factors, contractors with a rating of "C" may be required by

Bonneville to provide safety risk mitigation at no cost. This mitigation may include a requirement to have a full time safety professional at the contract location during the performance of the work.

In the event that the Contractor's safety rating falls below a “C” rating, Contractor shall promptly take all steps necessary to improve the rating to maintain a rating of “C” or better during the performance of the Contract. If the Contractor does not improve such rating within 30 days after the issuance of the rating, Contractor shall be considered to have an unacceptable safety performance rating and the Contracting Officer shall determine the course of action, up to and including contract termination.

Bonneville makes no representation about the quality of services being performed by the third party safety verification provider. The use of information obtained from the third party safety verification provider in connection with this contract shall not constitute, nor be construed as, an assumption of responsibility or liability for safety under the Contract by Bonneville. Use of information obtained by Bonneville does not relieve Contractor from its legal and contractual obligations. The third party safety verification provider is an independent contractor and is not an agent of Bonneville. Any acts or omissions by the third party safety verification provider shall not be considered an act or omission of Bonneville.

WORK ON A GOVERNMENT INSTALLATION (16-7)
(MAR 2018) (BPI 16.4.8.1)

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in this contract.
(b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government’s interest shall not be effective –
    (1) For such period as the laws of the State in which this contract is performed prescribe; or
    (2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.
(c) Each insurance policy required under this contract, other than workers’ compensation insurance, shall contain an endorsement naming the United States as an additional insured with respect to operations performed under this contract. The insurance carrier is required to waive all subrogation rights against any of the named insured.
(d) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors’ proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

RELEASE OF CLAIMS (21-4)
(MAR 2018)(BPI 21.3.10.1)

After completion of work, and prior to final payment, the Contracting Officer may, at his or her option, require the Contractor to furnish a release of claims against Bonneville arising out of the contract, other than claims specifically excepted from the operation of the release.

LIMITATION ON TRAVEL COSTS (22-50)
(MAR 2018)

Costs incurred for lodging, meals, and incidental expenses shall be reimbursed on an actual cost basis to the extent that they do not exceed, on a daily basis, the per diem rates in effect at the time of travel as set forth in the Federal Travel Regulation, prescribed by the General Services Administration, for travel in the conterminous 48 United States. Per Diem shall be authorized for travel in excess of 12 hours and shall not exceed 75% of the

daily rate for the first and last day of official travel. Lodging and other expenses exceeding $75.00 must be supported with receipts, which shall be submitted with the request for payment.

Airline costs will be reimbursed on an actual cost basis to the extent determined reasonable and allocable under the Bonneville Purchasing Instructions, Appendix 13A, “Contract Cost Principles for Commercial Organizations”. Generally, airline costs will be limited to coach or economy class. Any variation from these requirements must be approved by the Contracting Officer. Contractors may request a letter from the Contracting Officer, authorizing access to an airline, lodging, or other rates negotiated for government travel to the extent such authorization is honored by the service providers.

Per Diem rates are available at: https://www.gsa.gov/policy-regulations/regulations/federal-travel-regulation/federal-travel-regulation-and-related-files

WD	Revision #	Revision Date	State	County
2015-5589	21	6/26/2022	Oregon	Baker, Grant, Harney, Malheur, Morrow, Umatilla, Union, Wallowa, Wheeler
2015-5567	18	6/26/2022	Oregon	Benton
2015-5563	18	6/26/2022	Oregon, Washington	Oregon: Clackamas, Columbia, Multnomah, Washington, Yamhill Washington: Clark, Skamania
2015-5577	20	6/26/2022	Oregon	Clatsop, Tillamook
2015-5579	18	6/26/2022	Oregon	Coos, Curry, Douglas
2015-5581	20	7/20/2022	Oregon	Crook, Jefferson, Klamath, Lake
2015-5565	18	6/26/2022	Oregon	Deschutes
2015-5789	20	7/20/2022	Oregon	Gilliam
2015-5583	20	7/20/2022	Oregon	Hood River, Sherman, Wasco
2015-5571	18	6/26/2022	Oregon	Jackson
2015-5787	20	7/20/2022	Oregon	Josephine
2015-5569	18	6/26/2022	Oregon	Lane
2015-5575	20	7/20/2022	Oregon	Lincoln
2015-5587	18	6/26/2022	Oregon	Linn
2015-5573	18	6/26/2022	Oregon	Marion, Polk
2015-5559	18	7/20/2022	Washington	Adams, Ferry, Garfield, Grant, Lincoln, Whitman
2015-5521	20	7/20/2022	Washington	Asotin
2015-5527	18	6/26/2022	Washington	Benton, Franklin
2015-5541	18	6/26/2022	Washington	Chelan, Douglas
2015-5545	20	7/20/2022	Washington	Clallam, Jefferson
2015-5813	20	7/20/2022	Washington	Columbia
2015-5529	18	6/26/2022	Washington	Cowlitz
2015-5551	20	7/20/2022	Washington	Gray's Harbor, Mason
2015-5547	20	7/20/2022	Washington	Island, San Juan
2015-5535	18	7/20/2022	Washington	King, Snohomish
2015-5525	20	8/3/2022	Washington	Kitsap
2015-5557	20	7/20/2022	Washington	Kittitas, Okanogan
2015-5555	20	7/20/2022	Washington	Klickitat
2015-5553	20	7/20/2022	Washington	Lewis
2015-5549	20	7/20/2022	Washington	Pacific, Wahkiakum
2015-5537	18	6/26/2022	Washington	Pend Oreille, Spokane, Stevens
2015-5539	21	7/20/2022	Washington	Pierce
2015-5531	18	6/26/2022	Washington	Skagit
2015-5533	18	6/26/2022	Washington	Thurston
2015-5561	20	07/20/222	Washington	Walla Walla
2015-5523	18	6/26/2022	Washington	Whatcom
2015-5543	18	6/26/2022	Washington	Yakima
2015-5399	18	8/9/2022	Montana	Beaverhead, Broadwater, Deer Lodge, Gallatin, Granite, Jefferson, Lewis and Clark, Madison, Meagher, Park, Powell, Silver Bow, Sweet Grass, Yellowstone National Park

2015-5397	18	7/18/2022	Montana	Big Horn, Blaine, Chouteau, Fergus, Glacier, Hill, Judith Basin, Liberty, Musselshell, Petroleum, Pondera, Stillwater, Teton, Toole, Wheatland
2015-5389	18	8/3/2022	Montana	Carbon, Golden Valley, Yellowstone
2015-5395	18	7/18/2022	Montana	Carter, Custer, Daniels, Dawson, Fallon, Garfield, McCone, Phillips, Powder River, Prairie, Richland, Roosevelt, Rosebud, Sheridan, Treasure, Valley, Wibaux
2015-5391	17	7/20/2022	Montana	Cascade
2015-5401	18	8/2/2022	Montana	Flathead, Lake, Lincoln, Mineral, Ravalli, Sanders
2015-5393	18	8/3/2022	Montana	Missoula
2015-5503	18	6/26/2022	Idaho	Ada, Boise, Canyon, Gem, Owyhee
2015-5513	18	7/20/2022	Idaho	Adams, Elmore, Payette, Valley, Washington
2015-5509	18	6/26/2022	Idaho	Bannock
2015-5517	18	7/20/2022	Idaho	Bear Lake, Bingham, Caribou, Clark, Custer, Fremont, Lemhi, Madison, Oneida, Power, Teton
2015-5511	18	6/26/2022	Idaho	Benewah, Bonner, Boundary, Clearwater, Idaho, Latah, Lewis, Shoshone
2015-5515	18	7/20/2022	Idaho	Blaine, Camas, Cassia, Gooding, Jerome, Lincoln, Minidoka, Twin Falls
2015-5507	18	6/26/2022	Idaho	Bonneville, Butte, Jefferson
2015-5499	20	7/19/2022	Idaho	Franklin
2015-5505	18	6/26/2022	Idaho	Kootenai
2015-5519	20	7/20/2022	Idaho	Nez Perce
2015-5495	18	7/19/2022	Utah	Beaver, Garfield, Iron, Kane
2015-5483	19	6/26/2022	Utah	Box Elder, Davis, Morgan, Weber
2015-5501	20	7/19/2022	Utah	Cache
2015-5497	18	7/19/2022	Utah	Carbon, Daggett, Duchesne, Emery, Grand, San Juan, Uintah
2015-5485	19	6/26/2022	Utah	Juab, Utah
2015-5493	18	7/19/2022	Utah	Millard, Piute, Sanpete, Sevier, Wayne
2015-5491	18	7/19/2022	Utah	Rich, Summit, Wasatch
2015-5489	19	6/26/2022	Utah	Salt Lake, Tooele
2015-5487	19	6/26/2022	Utah	Washington
2015-5591	18	6/26/2022	Nevada	Carson City
2015-5597	20	7/20/2022	Nevada	Churchill, Douglas, Lyon, Mineral
2015-5593	21	12/26/2018	Nevada	Clark
2015-5601	18	7/20/2022	Nevada	Elko, Eureka, Humboldt, Lander, Pershing, White Pine
2015-5599	20	7/20/2022	Nevada	Esmerelda, Lincoln, Nye
2015-5595	18	6/26/2022	Nevada	Storey, Washoe
2015-5623	19	7/20/2022	California	Alameda, Contra Costa
2015-5667	20	7/20/2022	California	Alpine
2015-5663	20	07/20/222	California	Amador
2015-5605	18	6/26/2022	California	Butte
2015-5665	20	7/20/2022	California	Calaveras, Tuolumne

2015-5675	18	7/20/2022	California	Colusa, Glenn, Tehama
2015-5673	18	7/20/2022	California	Del Norte, Humboldt, Lake, Mendocino
2015-5631	17	7/25/2022	California	El Dorado, Placer, Sacramento, Yolo
2015-5609	19	6/26/2022	California	Fresno
2015-5607	19	6/26/2022	California	Imperial
2015-5669	20	7/20/2022	California	Inyo
2015-5603	20	6/26/2022	California	Kern
2015-5611	18	6/26/2022	California	Kings
2015-5679	20	6/20/2022	California	Lassen
2015-5613	22	7/20/2022	California	Los Angeles
2015-5615	17	6/26/2022	California	Madera
2015-5725	18	7/20/2022	California	Marin
2015-5661	20	7/20/2022	California	Mariposa
2015-5617	16	7/21/2022	California	Merced
2015-5677	20	7/20/2022	California	Modoc, Nevada, Plumas, Sierra, Siskiyou, Trinity
2015-5671	20	7/20/2022	California	Mono
2015-5633	16	7/25/2022	California	Monterey
2015-5621	16	7/21/2022	California	Napa
2015-5645	21	7/20/2022	California	Orange
2015-5629	19	7/25/2022	California	Riverside, San Bernardino
2015-5639	20	7/20/2022	California	San Benito
2015-5635	20	7/25/2022	California	San Diego
2015-5637	22	7/20/2022	California	San Francisco, San Mateo
2015-5653	16	7/25/2022	California	San Joaquin
2015-5643	16	7/25/2022	California	San Luis Obispo
2015-5647	17	7/25/2022	California	Santa Barbara
2015-5641	20	7/20/2022	California	Santa Clara
2015-5641	20	7/20/2022	California	Santa Cruz
2015-5627	16	7/25/2022	California	Shasta
2015-5655	16	7/25/2022	California	Solano
2015-5651	16	7/11/2022	California	Sonoma
2015-5619	18	7/21/2022	California	Stanislaus
2015-5659	16	7/25/2022	California	Sutter, Yuba
2015-5657	16	7/25/2022	California	Tulare
2015-5625	17	7/25/2022	California	Ventura
2015-5413	18	7/18/2022	Wyoming	Albany, Carbon, Converse, Goshen, Niobrara, Platte
2015-5407	18	7/18/2022	Wyoming	Big Horn, Fremont, Hot Springs, Park, Washakie
2015-5411	18	7/18/2022	Wyoming	Campbell, Crook, Johnson, Sheridan, Weston
2015-5405	18	8/9/2022	Wyoming	Laramie
2015-5409	18	7/18/2022	Wyoming	Lincoln, Sublette, Sweetwater, Teton, Uinta
2015-5403	18	8/9/2022	Wyoming	Natrona