



WASHINGTON STATE DEPARTMENT OF  
**Natural Resources**  
Peter Goldmark - Commissioner of Public Lands

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## Pacific Cascade Region

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# INVITATION TO BID

## Contract Number #1343

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**Contract Digest:** Site Preparation and Conifer Release  
(Ground based herbicide application to reduce competition for  
planted seedlings.)

### **SECTION I**

- Notice to All Bidders
- Instructions to Bidders

### **SECTION II**

- Division I Bidding Requirements
- Division II General Provisions
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### **SECTION III**

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### **SECTION IV**

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### **SECTION V**

- Offer and Contract Award

**SECTION I  
NOTICE TO ALL BIDDERS**

Bids will be received at the Department's Pacific Cascade Region office. Mailing address:

Department of Natural Resources  
P.O. Box 280  
Castle Rock, Washington 98611

**Bid Opening:** Bids will be accepted at the Department's Pacific Cascade Region office until **2:00 P.M. on Thursday, March 22, 2012** at which time and place all bids will be opened and read aloud.

**Examination of Units:** You are invited to bid this work and are **strongly** advised to examine the areas prior to bidding. Questions pertaining to unit(s) can be answered by contacting Department Representative Chris Rasor at 360.880.8288 (Cell) or 360.575.5058 (Office).

**SECTION 2  
INSTRUCTIONS TO ALL BIDDERS**

**Deliver of All Requested Forms:** bid deposits, performance/damage deposits, certification of insurance, Contractor's Declaration of Industrial Insurance, and equipment and/or operator certifications when required to:

Chris Rasor, Intensive Management Forester  
Department of Natural Resources  
P.O. Box 280  
Castle Rock, WA 98611

**Bid and Bid Deposit:** must be received at the Department's Pacific Cascade Region office prior to Bid Opening (see Notice To All Bidders, SECTION II).

**The Sealed Bid Envelope:** should be prepared in the following manner:

Addressed to: Eric Wisch, Pacific Cascade Region Manager  
Attn: Chris Rasor  
PC Region Intensive Management Forester  
Department of Natural Resources  
P.O. Box 280  
Castle Rock, WA 98611

Upper left corner: Bidder's Address

Lower left corner: Ground Herbicide - "Sealed Bid"  
Invitation to Bid/Contract No. 1343

Questions concerning this Invitation to Bid/Contract should be referred to Department Representative Chris Rasor of the Pacific Cascade Region office by calling 360.880.8288 (Cell) or 360.575.5058 (Office).

## SECTION II

### Special Notices

#### Division I - Bidding Requirements

#### Division II - General Requirements

#### Division III - Specifications

### Section II - SPECIAL NOTICES:

#### Special Notice Regarding Contract Requirements:

##### Term of Contract:

1. Site Preparation Units:

Herbicide mixes 3, 4: March 26, 2012 to April 6, 2012

2. Release Units:

Herbicide mix 1, 2, 6, 7, 8, 9: April 2, 2012 to April 29, 2012

Herbicide mix 5: April 15, 2012 to May 15, 2012

3. Contract Administrator may modify order and start time of release units if crop trees are susceptible to herbicide injury.
4. Contractors are no longer required to be present at bid opening to be eligible for contract award at Pacific Cascade Region.
5. Bid deposit checks will be mailed back to all bidders not receiving the contract award following the contract award to the successful bidder.
6. Please note walk-ins and closed/abandoned roads as identified on unit maps and/or on the unit description comments column.
7. No generic herbicide substitutions are allowed on garlon or transline products. Allowable generic substitutes are listed in clause 3-21.01
8. A **\$1,000.00** BID DEPOSIT IS REQUIRED WITH THIS BID OPENING (SEE CLAUSE 1-23).
9. Must provide proof of 2012 Farm Labor Contractor's License or letter of exemption from the Department of Labor & Industries before work begins.
10. Preview maps detailing access roads & units and a temporary Discovery Pass may be picked up at the Pacific Cascade Region Office in Castle Rock.
11. Questions pertaining to this Invitation to Bid can be answered by contacting Chris Rasor at (Office) 360.575.5058 or (Cell) 360.880.8288 or [Chris.Rasor@dnr.wa.gov](mailto:Chris.Rasor@dnr.wa.gov). Oral explanations, interpretation, or instructions given before the award will not be binding. The Department reserves the right to amend this Invitation to Bid/Contract by giving written notification to all known bidders at least seven (7) days prior to bid opening.

**Hospitals: It is the contractor’s responsibility to identify appropriate hospitals for any emergency care required. The following is a courtesy list and should be verified by any potential contractor.**

<b>Pacific Cascade Region Hospital List</b>						
<b>HOSPITAL NAME</b>	<b>ADDRESS</b>	<b>CITY</b>	<b>ZIP</b>	<b>PHONE</b>	<b>LATITUDE</b>	<b>LONGITUDE</b>
Morton General Hospital	521 Adams St	Morton	98356	360-496-5112	46.556	-122.28
Ocean Beach Hospital	First & Fir	Ilwaco	98624	360-642-3181	46.311	-124.043
Willapa Harbor Hospital	800 Alder St	South Bend	98586	360-875-5526	46.664	-123.812
PeaceHealth Saint John Medical Center	1615 Delaware	Longview	98632	360-414-2000	46.131	-122.942
PeaceHealth Saint John Medical Center	600 Broadway	Longview	98632	360-414-2223	46.136	-122.924
Southwest Washington Medical Center	400 NE Mother Joseph Place	Vancouver	98668	360-256-2000	45.625	-122.581
Mark Reed Memorial Hospital	322 Birch St S	McCleary	98557	360-495-3244	47.056	-123.261
Providence Centralia Hospital	914 South Scheuber Road	Centralia	98531	360-736-2803	46.712	-122.988
Capital Medical Center	3900 Capital Mall Dr SW	Olympia	98502	360-754-5858	47.043	-122.952
Southwest Washington Medical Center	3400 Main St	Vancouver	98663	360-256-2000	45.645	-122.669
Providence Saint Peter Hospital	413 Lilly Rd NE	Olympia	98506	360-491-9480	47.053	-122.848
Legacy Salmon Creek	2211 NE 139th St	Vancouver	98686	360-487-1000	45.722	-122.65

## SECTION II, Division I - Bidding Requirements

### 1-10 Preparation of Bids

- 1-11 Bidders are expected to examine this entire Invitation to Bid/Contract and are urged to inspect the work unit(s) prior to submission of any bid. No consideration shall be given any claim of bidding without comprehension of conditions.

### 1-20 Submission of Bids

- 1-21 Your bid response to this Invitation to Bid/Contract is an offer to contract with the Department of Natural Resources. A bid response becomes a contract when officially accepted and awarded by the department as evidenced by return of a countersigned SECTION V, "Offer and Contract Award".
- 1-22 Bids shall be submitted using the Bid Form, and the Offer and Contract Award form from SECTIONS IV and V of this document. The following shall be delivered to the Department's Region office in an envelope which shall be marked "Sealed Bid" and addressed to the Department's Region Manager as specified in Instructions To All Bidders. The Bid Form and the Offer and Contract Award form properly completed and signed, and a bid deposit as specified in Clause 1-23. No Facsimiled, E-mailed or any other non-original form of bids will be considered. Failure to comply with the above requirements or the requirements of Clause 1-23 prior to bid opening shall be cause to reject the Contractor's bid(s).
- 1-23 A bid deposit of **ONE-THOUSAND DOLLARS** (\$1,000) is required. This deposit is for the express purpose of assuring the Department that the Contractor will honor said bid and accept award of any and all items on which the Contractor may be the lowest responsible bidder. In the event the Contractor fails to honor said bid by rejecting award of any item, the Contractor will automatically forfeit the bid deposit. The bid deposit must be in the form of certified check and must be delivered to the Department's Region office as per Clause 1-22. The bid deposit of a successful bidder will be released when the required performance/damage deposit (Clause 1-31) has been submitted and approved.

### 1-30 Performance/Damage Deposit

- 1-31 Contractor agrees to furnish a performance/damage deposit in the amount of ten percent (10%) of the Contractor's total award. The deposit shall be submitted as per clause 1-45, and shall be in the form of certified check, savings account assignment, or irrevocable letter of credit acceptable to the Department. This deposit is to guarantee performance of all provisions of this contract and payment of any damages caused by operations under this contract or resulting from Contractors' noncompliance with any contract provisions or the law.
- 1-32 Bid deposits may be converted to apply to part or all of the required performance/damage deposits after successfully securing a bid.

## 1-40 Award of Contract

- 1-41 Oral explanation and interpretations prior to bid opening shall not be binding.
- 1-42 Award of contract shall be on the basis of an "Item" or an individual "Unit" as specified in the Bid Form. An "Item" shall be a specific group of individual "Units". "Items" or "Units" to be awarded are identified in the Bid Form. Individual "Units" are described in the Unit Description. The Department reserves the right to amend this Invitation to Bid/Contract by giving written notification to all bidders seven (7) days or more prior to bid opening.
- 1-43 Award of contract shall be to the lowest responsible bidder as determined by the Department of Natural Resources (Clause 1-44). To be considered, bids must conform to the bidding requirements herein, except that the Department may waive informalities and minor irregularities in bids received. The Department further reserves the right to reject any or all bids received.
- 1-44 Award is conditioned in addition to price, on the Contractor showing upon request by the Department of Natural Resources the capability of fulfilling the contract terms herein by reason of past performance, ability to complete work in the specified time, previous and existing compliance with laws relating to this contract, and the character, reputation, judgment, and experience of the bidder, and other information which may be secured and have a bearing upon award. Failure to demonstrate this capability or to conform to the contract terms herein, will nullify award on all or certain items tentatively awarded. In the event of such failure, the Department shall be the sole judge of the items to be selected for award and/or nullification of award.
- 1-45 An Award Instructions letter and a copy of the executed contract will be mailed to the successful bidder. The contract award is conditioned on the following: Within ten (10) days after the Contractor receives their Award Instructions letter the Department must receive from the Contractor the performance/damage deposit, certification of insurance, and the Contractor's Declaration of Industrial Insurance Status as specified in Clauses 1-31, 2-24 and 2-29 respectively, and furthermore the Contractor shall submit the aforementioned through the Department's Region office specified in Instructions To All Bidders. It shall be the Department's prerogative to extend the time allowed for receipt of the above items if such an extension is in the best interest of the Department. Failure by the Contractor to submit the above items to the Department within the time specified or within an extension of that time as provided for shall be cause for the Department to consider the contract award rejected (Clause 1-23).

## SECTION II, Division II - General Requirements

### 2-10 Definitions

- 2-11 Department: The Department of Natural Resources of the State of Washington, action by or through an authorized employee or agent.
- 2-12 Contractor: The person, partnership, or corporation to whom the contract is awarded.

### 2-20 Responsibilities and Legal Relations

- 2-21 The Contractor shall abide by and comply with all the laws and regulations of the United States, State of Washington and counties wherein the work is executed insofar as they affect his/her contract. The Contractor will make any payments, contributions, remittances and all reports and statements required under said laws.
- 2-22 The Contractor shall, without additional expense to the Department, obtain all required licenses and permits necessary for executing provisions of his/her contract with the Department.
- 2-23 The Contractor shall save harmless the State of Washington, the Department, their officers, agents and employees from any and all claims for damages, injuries to persons or property that may occur as a result of the performance of the Contractor, agents or employees in connection with this contract.
- 2-24 Before commencing Work, the Contractor shall obtain and keep during the term of this Contract the following liability insurance policies, insuring Contractor against liability arising out of its operations, including use of vehicles. Failure to buy and maintain the required insurance may result in termination of the Contract. The limits of insurance, which may be increased by the Department as deemed necessary, shall not be less than as follows:
- A. **Commercial General Liability (CGL) insurance**, with a limit of not less than \$1,000,000 per each occurrence. If such CGL insurance contains aggregate limits, the general aggregate limits shall be at least twice the “each occurrence” limit, and the products-completed operations aggregate limit shall be at least twice the “each occurrence” limit.
  - B. **Employer’s liability (“Stop Gap”) insurance**, and if necessary, commercial umbrella liability insurance with limits not less than \$1,000,000 each accident for bodily injury by accident or \$1,000,000 each employee for bodily injury by disease.
  - C. **Business Auto Policy (BAP) insurance**, and if necessary, commercial umbrella liability insurance with a limit of not less than \$1,000,000 per accident, with such insurance covering liability arising out of “Any Auto.”

Contractor shall comply with all State of Washington workers’ compensation statutes and regulations. Workers’ compensation coverage shall be provided for all employees of Contractor. Except as prohibited by law, Contractor waives all rights of subrogation against State for recovery of damages to the extent they are covered by workers compensation, employer’s liability, commercial general liability or commercial umbrella liability insurance.

All insurance must be purchased on an occurrence basis and should be issued by companies admitted to do business within the State of Washington and have a rating of A- or better in the most recently published edition of Best’s Reports. Any exception shall be reviewed and approved in advance by the Risk Manager for the Department. If an insurer is not admitted, all insurance policies and procedures for issuing the insurance policies must comply with Chapters 48.15 RCW and 284-15 WAC.

## 2-20 Responsibilities and Legal Relations (continued)

The “State of Washington, Department of Natural Resources, its elected and appointed officials, agents and employees” shall be named as an additional insured on all general liability, excess, and umbrella insurance policies.

Before using any rights granted herein, Contractor shall furnish the Department with a certificate(s) of insurance, executed by a duly authorized representative of each insurer, showing compliance with the insurance requirements specified above. Certificate(s) **must reference the Contract number 1343** in the time required by Clause 2-24.

The Contractor shall provide the Department written notice before cancellation or non-renewal of any insurance referred to herein, as prescribed in statute (RCW Title 48).

All insurance provided in compliance with this Contract shall be primary as to any other insurance or self-insurance programs afforded to or maintained by State. Contractor waives all rights against State for recovery of damages to the extent these damages are covered by general liability or umbrella insurance maintained pursuant to this Contract.

By requiring insurance herein, State does not represent that coverage and limits will be adequate to protect Contractor, and such coverage and limits shall not limit Contractor’s liability under the indemnities in this Contract.

- 2-25 The Contractor shall abide by and comply with all laws and regulations of the United States, State of Washington and counties wherein the work is executed insofar as they affect the safety, health and welfare of any and all employees.
- 2-26 In the event of legal conflict, the Contractor agrees to submit to the jurisdiction of the courts of the State of Washington and further agrees the venue shall be laid in Thurston County.
- 2-27 The State is not liable for delay or nonshipment of supplies and materials or for delay or nonperformance of its obligations if occasioned by war, civil commotions, strikes, lockouts or labor disturbances.
- 2-28 For all active work sites the Contractor shall provide a contract representative who shall be on the site and responsible for directing the contracted activities of that site. The Contractor shall designate the contract representative(s) in writing at the time of the prework conference (Clause 2-71).
- 2-29 The Contractor shall complete and submit to the Department a Contractor's Declaration of Industrial Insurance Status form; the form shall be submitted as per Clause 1-45. A Contractor's Declaration of Industrial Insurance Status form will accompany the Award Instructions letter.

## 2-30 Subcontracting

- 2-31 The Contractor shall not, without written approval from the Department enter into any subcontract or assignment of contract relating to the performance of this contract.
- 2-32 All laws and regulations applicable to the contract also apply to all subcontracts.

## 2-40 Determination of Payment

- 2-41 The boundaries as designated under Clause Section 2-100, and defined in detail on the Unit Description attached, provide the basis for determining acreage completed. Failure to complete work to boundaries established by the Department renders work unsatisfactorily completed. The Contractor is to take the initiative in determining whether boundaries are sufficiently marked. No consideration will be given for work that extends beyond unit boundaries. If work extends beyond unit boundaries, charges may be levied against the Contractor by the Department for damages suffered.
- 2-42 Contract compliance inspection of work performed and payment for work performed will be based on acreage completed (Clause 2-41).
- 2-42.01 Using specifications contained in Clause Section 3-20 and in the Unit Description the Department representative will inspect and determine if work performed is satisfactory.
- 2-43 The Department may at its option subdivide and inspect units to determine the acceptability of work performed. Subdivisions for this purpose will be a minimum of one (1) acre in size.
- 2-44 At the Department's option, the Contractor shall rework a unit or subdivision of a unit on which the Contractor's work performance is not rated satisfactory, and further, it shall be the Department's option to require the rework be completed prior to starting new work. Reworked areas will be reexamined for contract compliance, the resulting performance rating will supersede the previous performance rating for the area in question.
- 2-45 Payment shall be made as follows:
- 2-45.01 Payment may be made by the month, unit or by one total payment. Details of payment schedule will be determined in the prework conference (Clause 2-71). The Department will attempt to comply with the desires and needs of the Contractor but assumes no legal duty or obligation to adhere to the schedule of payment so arranged.
- 2-45.02 Partial payment may be made upon completion of part of a unit as determined by the Department. Request for partial payment is to be made by the Contractor utilizing the Unit Completion Form provided by the Department. The Contractor or contract representative (Clause 2-28) shall sign the Unit Completion Form after completion of each such "sub-unit" being submitted for payment. The Department Representative will then make payment recommendations for the invoice and forward the Unit Completion Form to the Department's Region office for processing.
- 2-45.03 The Contractor or contract representative (Clause 2-28) and the Department representative shall sign the Unit Completion Form at the conclusion of work on each unit. Final payment will not be made to the Contractor unless the Unit Completion Form is signed by the Contractor or contract representative and the Department representative, and "final" payment is designated thereon.
- 2-45.04 If a unit's contract acreage is disputed the Contractor may upon completion of the unit request a verification traverse by the Department, the request must be in writing and signed by the Contractor. The Department will pay the Contractor based on acres determined from the verification traverse. If the verification traverse indicates the net acres specified in the Unit Description are correct within plus or minus five percent (5%) the Contractor shall pay the cost of the verification traverse at a rate of ten dollars (\$10.00) per one hundred (100) feet of traversed boundary.

## 2-40 Determination of Payment (continued)

- 2-45.05 Five percent (5%) of all payments due Contractors who employ workers shall be retained by DNR as security for L&I industrial insurance premiums owed for their workers. Upon determination that the Contractor has met all financial obligations for industrial insurance premiums related to the Item(s) of this Contract, the 5% retainage will be returned to the Contractor. DNR will return this retainage approximately 45 days following close of the quarter in which the work was completed. However, if the Contractor notifies DNR in writing that they have paid all L&I premiums associated with the Item(s) of this Contract, DNR will, upon determination that the Contractor has met all financial obligations for industrial insurance premiums related to the Item(s) of this Contract, work diligently to return the retainage as soon as practical.

## 2-50 Nondiscrimination

- 2-51 Except to the extent permitted by a bona fide occupational qualification the Contractor agrees as follows:
- 2-51.01 The Contractor shall not discriminate against any employee or applicant for employment because of race, creed, national origin, sex or age. The Contractor will insure that applicants are employed and that employees are treated during employment without regard to race, creed, color, national origin, sex or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training.
- 2-51.02 The Contractor shall, in all solicitations for employees or job orders for employees placed with any employment agency, union or other firm or agency, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, national origin, sex or age. The words "equal opportunity employer" in advertisements shall constitute compliance with this section.
- 2-51.03 The Contractor shall send to each labor union or representative of workers with which the Contractor has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union, or worker's representative of the Contractor's commitments under this section.
- 2-51.04 The Contractor shall include the provisions of the foregoing paragraphs: 2-51.01, 2-51.02 and 2-51.03 in every subcontract or purchase order for the goods or services which are the subject matter of this contract.
- 2-52 In the event of noncompliance by the Contractor with any of the nondiscrimination provisions of the contract, the Department shall have the right, as its option, to cancel the contract in whole or in part. The Contractor shall be paid only for that work performed prior to cancellation of the contract and in accordance with provisions of the contract (Clause Section 2-40). In the event the Department suffers damages resulting from such noncompliance the Contractor shall be liable.

## 2-60 Contract Administration

- 2-61 The Department will select compliance foresters to enforce compliance of the contract as required in all specifications and to make recommendations for payment.

## 2-70 Contract Work Procedure

- 2-71 The Contractor shall attend a prework conference prior to commencing contract work (see Clauses 2-28, 2-45.01 and 2-72). The time and place of the prework conference shall be determined by the Department, the Contractor will be notified of the time and place when the contract is awarded. When considered practical by the Department the time and/or place of the prework conference may be altered if requested in writing by the Contractor.
- 2-72 A work schedule is required from the contractor. The work schedule shall be set at the prework conference (Clause 2-71) and must be acceptable to the Department. To be acceptable the work schedule must be practicable: The work schedule must identify the latest date by which the Contractor agrees to commence contract work on each unit awarded. The work schedule must allow a reasonable time period for the work to be completed according to contract requirements herein, and further, if more than one unit has been awarded the work schedule must indicate the sequence in which the units will be worked by the Contractor. If for any reason during the contract period the Contractor's work schedule is no longer viable, the Contractor must submit a revised work schedule for Department approval.
- 2-73 The Contractor shall obtain verbal permission to begin work on a unit from the compliance forester designated at the prework conference. Such permission shall be applied for through the Department's Region office listed in the Notice To All Contractors section of the contract. Permission requests will require a minimum of two working days to process. The Department at its option may require person-to-person discussions between the Contractor and selected Department representatives prior to granting the required written permission. In the event the Contractor stops work for a period of one (1) week or more, or if the initial start-up is delayed by one (1) week or more the Contractor must reapply for permission to begin work.
- 2-74 Work shall only proceed on regular Monday through Friday workdays. If allowed, work on weekends or designated State holidays will require written permission from the Department.

## 2-80 Work Progress and Contract Performance

- 2-81 The Contractor shall begin work as per the work schedule (Clause 2-72) and in accordance with contract requirements herein (see Clauses 1-45, 2-71, 2-73 and 2-74). The Contractor shall work diligently and complete the unit(s) within the contract period specified in the Unit Description. As units are sequenced in the work schedule, work started on one unit must be completed prior to beginning work on the next.
- 2-82 The Department reserves the right to modify or cancel this contract in part or whole without cause. The Contractor shall be paid only for that work performed prior to cancellation of the contract and in accordance with provisions of the contract (Clause Section 2-40).
- 2-83 Nonperformance or unsatisfactory performance or willful violation of contract requirements by the Contractor shall constitute breach of contract and the Department may at its sole option extend the contract and collect liquidated damages or terminate the contract with forfeiture of the performance/damage deposit or declare breach of contract and make claim for actual damages suffered by the Department.

## 2-90 Fire Responsibility

- 2-91 The Contractor and the Contractor's employees shall familiarize themselves with the Washington State Forest Fire Protection Requirements and adhere to them at all times. The operation will be subject to inspection by State personnel for adherence to regulations and presence of fire tools. All spark emitting engines will be equipped with approved spark arresters.
- 2-92 The Contractor shall not operate faulty power equipment.
- 2-93 The Contractor shall not build any open fires at anytime of the year on the contract area without first obtaining written permission from the Department.

## 2-100 Boundaries

- 2-101 The boundaries except for easily identified ground features have been plainly marked with colored plastic flagging.
- 2-102 Treatment acreage as indicated in the Unit Description was measured on the horizontal plane. Large openings, roads, and buffer zones have been deducted from the gross acreage and are designated on the unit map.

## 2-110 Merchantable Products

- 2-111 This contract, unless specifically amended, in no way permits the contractor to remove merchantable or potentially merchantable products from the operating area for the purpose of sale or use. Contractors wanting to remove Christmas trees, boughs, brush pickings, decorative shrubs, or trees, firewood, poles, posts and other merchantable or potentially merchantable material from Department managed land must enter into a separate agreement with the Department.

## 2-120 Litter and Refuse

- 2-121 Litter and/or refuse brought into operating areas or campsites and rest areas used by the contractor or employees, shall be removed from the premises and disposed of in garbage disposal areas meeting all State, county, and local requirements. Such litter will include refuse resulting from equipment maintenance, abandoned equipment and containers and other expended materials.

## 2-130 Camping

- 2-131 Use of State owned lands, landings, roads, and Department campgrounds by the Contractor or the Contractor's employees for the purpose of lodging, parking, or camping done in connection with operation is permitted only at the express approval of the Department and may be revised or revoked for cause at any time. Camping restrictions or requirements such as chemical toilets and garbage can, but not limited thereto, may be imposed at the option of the Department.

**SECTION II, Division III - Specifications**

**3-10 Unit Description**

- 3-11 The Unit Description details the characteristics and specific work requirements for each unit.
- 3-12 If specific requirements of the Unit Description conflict with the specifications in this division of the contract, the specific requirements of the Unit Description will prevail.

**3-20 Contractor and Department Obligations**

- 3-21 The Contractor shall be responsible for the following:
  - 3-21.01 To provide all herbicide and carrier required to perform contract work as specified in the Unit Description(s). Allowable product substitutions are as follows except no substitutions will be allowed on mix 1, 2, 5:

<b><u>Brand Name Herbicide:</u></b>	<b><u>Approved Substitute(s):</u></b>
<b>Accord Concentrate/Rodeo EPA # 62719-324</b>	<b>Foresters EPA # 228-381 Glyphosate 5.4 EPA# 81927-8</b>
<b>Oust XP EPA # 352-601</b>	<b>Spyder EPA# 228-408 SFM 75 EPA# 81927-26 Sulfomet EPA# 352-401-85588</b>
<b>Milestone VM Plus EPA # 62719-572</b>	<b>None</b>
<b>Transline EPA# 62719-259</b>	<b>None</b>
<b>Forestry Garlon XRT EPA # 62719-553</b>	<b>Garlon 4 Ultra (higer rate required per EPA # 62719-527 page 4 of unit description)</b>
<b>Liberate (Loveland)</b>	<b>Dyne-amic (Helena) or Syl-Tac (Wilbur-Ellis)</b>
<b>SuperSpread MSO (Wilbur Ellis)</b>	<b>Premium MSO (Helena) MSO Concentrate (Lovland)</b>

- 3-21.02 To provide liquid coloring agent if specified in the Unit Description(s). Liquid coloring agent shall be "BullsEye" (blue or red) manufactured by Milliken Chemicals or Blazon Blue; an equivalent product may be substituted if approved in writing by the Department.
- 3-21.03 Upon request, provide a sample of the herbicide solution being applied as treatment.
- 3-21.04 To keep records of each day's application work. The records to be kept shall be as per the Department's "Chemical Application Record". The Contractor shall provide the Department with such records prior to payment for work completed, or at any time earlier if requested by the Department.
- 3-21.05 To bear all costs of operation not specifically furnished by the Department under Clause Section 3-22.
- 3-21.06 To provide a licensed Commercial Operator or Applicator on the work site when herbicide is being applied.
- 3-21.07 To provide all workers adequate crew supervision and serviceable equipment to satisfactorily accomplish treatment of acres described in the Unit Description.
- 3-21.08 To furnish all safety equipment.

- 3-21.09 To mix and apply herbicide on site as per the Unit Description(s).
- 3-21.10 To keep herbicide from contacting conifer trees and planted red alder trees on directed release units.
- 3-21.11 To identify treatment strips, spots, stems, or clumps with colored flagging, and/or dye.
- 3-21.12 To properly dispose of all herbicide solutions, residues and empty containers.
- 3-21.13 To cease operations when:
  - a) wind exceeds twelve (12) miles per hour, or
  - b) air temperature is less than 40°F or greater than 85°F, or
  - c) rainfall causes water to run down stems of target plants, or
  - d) the Department's representative determines spray conditions are unsuitable.

3-20 Contractor and Department Obligations (continued)

- 3-21.14 To refrain from applying herbicide to Department designated buffer area.
- 3-22 The Department shall be responsible for the following:
  - 3-22.01 To provide maps, photos or other data necessary to orient the Contractor.
  - 3-22.02 To provide a Department representative to acquaint the Contractor with the unit(s) and to conduct periodic field inspections.

3-30 General Specifications

- 3-31 Any debris or soil deposited in ditches, culverts, or roadways shall be removed immediately.
- 3-32 Activities that will result in excessive deterioration of ditches, culverts, or roadways shall be avoided.
- 3-33 Any legal land subdivision survey corners and/or witness objects are to be preserved. If destroyed or disturbed such points shall be re-established by a licensed land surveyor in accordance with the U.S. General Land Office Standards.

## **SECTION III**

### **Unit Descriptions**

#### **Unit Maps**

**CONTRACT 1343 UNIT DESCRIPTION SPREADSHEET**

Item	Unit	Activity Type	Work Unit	Local	Mix	Unit Name	Unit Acres	T r e a t m e n t s	H a r v e s t	Legal Location				Elevation	Gate	Key	Special Requirements/Comments
										T	R	E/W	S				
A	1	Broadcast Site Preparation	Black Hills	Black River	3	Jolo Island Sort U1	54	44	2011	16	5	W	8	302-541	Yes	PCP1-1 - DNR	Broadcast mix 3 to entire treatment area.
A	2	Broadcast Site Preparation	Black Hills	Black River	4	Jolo Island Sort U2A	27	24	2011	16	5	W	9	412-572	Yes	PCP1-1 - DNR	Broadcast mix 4 to entire treatment area. <b>Triple rinse sprayers to remove oust residue before starting.</b>
A	3	Broadcast Site Preparation	Black Hills	Black River	3	Jolo Island Sort U2B	15	15	2011	16	5	W	9	258-549	Yes	PCP1-1 - DNR	Broadcast mix 3 to entire treatment area.
A	4	Broadcast Site Preparation	Black Hills	Black River	3	Jolo Island Sort U2C	11	10	2011	16	5	W	8	263-482	Yes	PCP1-1 - DNR	Broadcast mix 3 to entire treatment area.
A	5	Broadcast and Directed Release	Black Hills	Black River	1;3	V200	2	2	2009	16	5	W	27	590-608	Yes	PCP1-1 - DNR	Broadcast mix 3 to entire treatment area. Apply mix 1 to all hardwood stems greater than 2 feet tall.
A	6	Directed Release	Black Hills	Capitol	2	Mclane 2008 U3	8	8	2009	18	3	W	36	210-264	Yes	PCP1-1 - DNR	Apply directed foliar treatment of mix 2 to all scotchbroom.
A	7	Directed Release	Black Hills	Capitol	5	Mima Pit	18	16	n/a	16	3	W	10	202-213	Yes	PCP1-1 - DNR	Apply directed foliar treatment of mix 5 to all scotchbroom, blackberry foliage. Treat ditchline, fenceline along Bordeaux road.
A	8	Directed Release	Black Hills	Capitol	2	Vanilla Bean U9	62	15	2005	18	3	W	3	386-906	Yes	PCP1-1 - DNR	Apply directed foliar treatment of mix 2 to all scotchbroom.
A	9	Directed Release	St Helens	Grn. Mtn.	2	Fredrickson Rd U7	12	10	2007	6	2	E	32	600 - 900	No		<b>Walk-in Access.</b> Apply directed foliar treatment of mix 2 to all scotchbroom.
A	10	Directed Basal Release	St Helens	Grn. Mtn.	1;2	Fredrickson Rd U8	21	20	2007	6	2	E	32	500 - 1000	No		Treat all scotchbroom with mix 2; bigleaf maple stems with mix 1.
A	11	Directed Basal Release	St Helens	Grn. Mtn.	1;2	Fredrickson Rd U9	8	8	2007	6	2	E	32	700 - 1000	Yes	PCP1-1 - DNR	Treat all scotchbroom with mix 2; bigleaf maple stems with mix 1.

**CONTRACT 1343 UNIT DESCRIPTION SPREADSHEET**

Item	Unit	Activity Type	Work Unit	Local	Mix	Unit Name	Unit Acres	T r e a t m e n t s	H a r v e s t	Legal Location				Elevation	Gate	Key	Special Requirements/Comments
										T	R	E/W	S				
A	12	Broadcast Release	St Helens	Naselle	6	High Bridge Alder	5	5	2009	11	8	W	36	400-500	No		Broadcast mix 6 to entire treatment area.
A	13	Broadcast Site Preparation	Lewis	Pacific	4	Lunar Hardwood U-4	23	21	2010	13	7	W	27	400-700	No		Broadcast mix 4 to entire treatment area. <b>Triple rinse sprayers to remove oust residue before starting.</b>
A	14	Broadcast Site Preparation	Lewis	Pacific	4	Lunar HWDS Alder U-4	24	23	2010	13	7	W	27	400-600	No		Broadcast mix 4 to entire treatment area. <b>Triple rinse sprayers to remove oust residue before starting.</b>
A	15	Broadcast Site Preparation	Lewis	Pacific	3	Lunar U-4 Conifer	1	1	2012	13	7	W	27	600-700	No		Broadcast mix 3 to entire treatment area.
A	16	Directed Basal Release	Lewis	Pacific	1	Oddfellows BD U-1	116	1	2009	14	9.0	W	36	150-360	Yes	PCP1-1 - DNR	Basal treat all gorse, scotchbroom, red alder within 50 feet of the roadsides as shown on map with mix 1.
A	17	Directed Release	Lewis	Salkum	2	American Idol U2	55	53	2008	13	2.0	E	36	1052-1407	Yes	PCP1-1 - DNR	Apply directed foliar treatment of mix 2 to all scotchbroom.
A	18	Directed Release	Lewis	Salkum	2	Penning	31	31	1999	13	3.0	W	21	653-817	Yes	PCP1-1 - DNR	Apply directed foliar treatment of mix 2 to all scotchbroom.
A	19	Broadcast and Directed Release	St Helens	Stella	2;4	Agren U1	27	18	2010	10	2.0	W	6	850-1050	No		Broadcast mix 4 to entire treatment area. Apply mix 2 to all scotchbroom. <b>Triple rinse sprayers to remove oust residue before starting.</b>
A	20	Broadcast and Directed Release	St Helens	Stella	2;4	Agren U1 WRC	5	5	2010	10	2.0	W	7	950-1000	No		Broadcast mix 4 to entire treatment area. Apply mix 2 to all scotchbroom. <b>Triple rinse sprayers to remove oust residue before starting.</b>

**CONTRACT 1343 UNIT DESCRIPTION SPREADSHEET**

Item	Unit	Activity Type	Work Unit	Local	Mix	Unit Name	Unit Acres	Treatments	Harvest Years	Legal Location				Elevation	Gate	Key	Special Requirements/Comments
										T	R	E/W	S				
A	21	Broadcast and Directed Release	St Helens	Stella	1;7	Agren U2 RA	8	8	2010	10	2.0	W	6	950-1100	No		Broadcast mix 4 to entire treatment area. Apply mix 1 to all scotchbroom, bigleaf maple stump sprouts. <b>Triple rinse sprayers to remove oust residue before</b>
A	22	Broadcast and Directed Release	St Helens	Stella	1;7	Agren U2 WRC	1	1	2010	10	2.0	W	6	1050-1080	No		Broadcast mix 7 to entire treatment area <b>avoiding drift onto upper half of alder seedlings</b> . Apply mix 1 to all scotchbroom, bigleaf maple.
A	23	Broadcast and Directed Release	St Helens	Stella	2;4	Agren U3	73	68	2010	10	2.0	W	6	525-880	No		Broadcast mix 4 to entire treatment area. <b>Triple rinse sprayers to remove oust residue before starting</b> . Treat all scotchbroom with mix 2.
A	24	Directed Basal Release	St Helens	Stella	2	Alder Ridge U1	2	2	2010	9	4.0	W	31	800-880	No		Basal treat all scotchbroom with mix 2. Avoid overspray onto red alder seedlings.
A	25	Broadcast Release	St Helens	Stella	9	Barnes A Burning U5	4	4	2010	10	2.0	W	10	140-145	Yes	PCP1-1 - DNR	Broadcast apply mix 9 <b>avoiding drift onto upper half of red alder seedlings</b> .
A	26	Broadcast Release	St Helens	Stella	6	Barnes A Burning U5 WMZ	9	7	2010	10	2.0	W	10	140-145	Yes	PCP1-1 - DNR	No treatment area flagged with pink ribbon in eastern portion of unit.
A	27	Broadcast Release	St Helens	Stella	7	Barnes A Burning U7	27	25	2010	10	2.0	W	10	135-150	No		Broadcast apply mix 7 <b>avoiding drift onto upper half of red alder seedlings</b> .
A	28	Broadcast Release	St Helens	Stella	8	Dark Roast U5	12	11	2009	9	4.0	W	30	700-800	No		Broadcast mix 8 to entire treatment area.
A	29	Broadcast Release	St Helens	Stella	8	North Fork Mill U1	13	13	2009	9	4.0	W	30	733-849	No		Broadcast mix 8 to entire treatment area.

**CONTRACT 1343 UNIT DESCRIPTION SPREADSHEET**

Item	Unit	Activity Type	Work Unit	Local	Mix	Unit Name	Unit Acres	Treatments	Harvest Years	Legal Location				Elevation	Gate	Key	Special Requirements/Comments
										T	R	E/W	S				
A	30	Directed Basal Release	St Helens	Stella	1	South Ax Apart U1	26	25	2001	10	3.0	W	1	1270-1450	No		Basal treat all scotchbroom with mix 1. Avoid overspray on all conifer.
A	31	Directed Basal Release	St Helens	Stella	1	Final Casey U1	46	22	2008	10	2.0	W	18	1200-1350	No		Basal treat all scotchbroom with mix 1. Avoid overspray on all conifer.
A	32	Directed Basal Release	St Helens	Stella	1	Final Casey U2	31	9	2008	10	2.0	W	7	900-1000	No		Basal treat all scotchbroom with mix 1. Avoid overspray on all conifer.
A	33	Directed Basal Release	St Helens	Stella	1	Final Casey U3	16	16	2008	10	2.0	W	7	1150-1200	No		Basal treat all scotchbroom, bigleaf maple with mix 1. Avoid overspray on all conifer.
A	34	Directed Basal Release	St Helens	Stella	1	Casey Outbreak U10	15	3	2007	10	2.0	W	17	400-500	No		Basal treat all scotchbroom with mix 1. Avoid overspray on all red alder.
A	35	Directed Basal Release	St Helens	Stella	1	Casey Outbreak U8	37	10	2007	10	2.0	W	17	500-600	No		Basal treat all scotchbroom with mix 1. Avoid overspray on all red alder.
A	36	Directed Basal Release	St Helens	Stella	1	Casey Outbreak U9	1	1	2007	10	2.0	W	17	500-550	No		Basal treat all scotchbroom with mix 1. Avoid overspray on all red alder.

**Contract Summary:**

Acres by Mix (includes overlapping treatment acres)									
Mix:	1	2	3	4	5	6	7	8	9
Mix Acres:	126	238	72	159	16	12	25	24	4

Total Mix Acres: 555      \*119 overlapping mix acres  
 Total Treatment Acres: 676

**CONTRACT 1343 UNIT DESCRIPTION PAGE 5: REQUIRED HERBICIDE MIXES**

MIX	PRODUCT	ACTIVE INGREDIENT (A.I.)	EPA Registration #	SOLUTION % By Volume or acre	CARRIER	TOTAL SOLUTION per ACRE	MARKING	Total Treatment Acres
1	Garlon XRT	Triclopyr	62719-553	25%	MSO OR OTHER COMPATIBLE SEED OIL	Variable-thinline treatment method	Per specifications on page 6 of unit description.	126
	MSO	Methylated Seed Oil	n/a	75%				
	OR							
	Garlon 4 Ultra	Triclopyr	62719-527	50%				
	MSO	Methylated Seed Oil	n/a	50%				
2	Garlon 4 Ultra	Triclopyr	62719-527	2.00%	Water	spray to wet- per page 6 of unit description	Per specifications on page 6 of unit description.	238
	MSO	Methylated Seed Oil	n/a	0.50%				
	OR							
	Garlon XRT	Triclopyr	62719-553	1.50%				
	MSO	Methylated Seed Oil	n/a	0.50%				
3	Rodeo/Accord Concentrate	Glyphosate	62719-324	48 oz/acre	Water	8-10 Gallons	Per specifications on page 6 of unit description.	72
	Oust XP	Sulfmeturon methyl	352-601	2 oz/acre				
	Transline	Aminopyralid	62719-259	8 oz/acre				
	Liberate	non-ionic surfactant	n/a	8 oz/acre				
4	Rodeo/Accord Concentrate	Glyphosate	62719-324	64 oz/acre	Water	8-10 Gallons	Same as above	159
	Transline	Aminopyralid	62719-259	16 oz/acre				
	Liberate	non-ionic surfactant	n/a	8 oz/acre				
5	Milestone VM Plus	Aminopyralid + Triclopyr	62719-572	4.00%	Water	spray to wet- up to 9 pints/ac max rate	Per specifications on page 6 of unit description.	16
	MSO	Methylated Seed Oil	n/a	1.00%				

**CONTRACT 1343 UNIT DESCRIPTION PAGE 6: REQUIRED HERBICIDE MIXES (CONTINUED)**

<b>6</b>	Rodeo/Accord Concentrate	Glyphosate	62719-324	24 oz/acre	Water	8-10 Gallons	Per specifications on page 6 of unit description.	<b>12</b>
	Oust XP	Sulfmeturon methyl	352-601	3 oz/acre				
	Transline	Aminopyralid	62719-259	12 oz/acre				
<b>7</b>	Transline	Aminopyralid	62719-259	16 oz/acre	Water	8-10 Gallons	Same as above	<b>25</b>
<b>8</b>	Rodeo/Accord Concentrate	Glyphosate	62719-324	16 oz/acre	Water	8-10 Gallons	Same as above	<b>24</b>
	Transline	Aminopyralid	62719-259	16 oz/acre				
	Oust XP	Sulfmeturon methyl	352-601	1 oz/acre				
<b>9</b>	Rodeo/Accord Concentrate	Glyphosate	62719-324	16 oz/acre	Water	8-10 Gallons	Same as above	<b>4</b>
	Transline	Aminopyralid	62719-259	16 oz/acre				

## BID 1343 UNIT DESCRIPTION PAGE 7: ADDITIONAL TREATMENT REQUIREMENTS

### Treatment Timing:

Site Preparation (Mix 3, 4): March 26 – April 6, 2012

\*Conifer Release (Mixes 1, 2, 6, 7, 8, 9): April 1, 2012 – April 29, 2012

\*Non-forest Site Mix 5: April 15, 2012 - May 15, 2012

\*Contract Administrator may modify order of release units to minimize herbicide injury to active crop trees.

**Treatment Techniques (all mixes):** Herbicide must be mixed on site in the presence of the DNR compliance representative. Applicator's equipment including Personal Protective Equipment (PPE) and application method must be in compliance with herbicide labels used by the contractor and Washington Department of Agriculture regulations. All strip edges shall be flagged in color ribbon and a compatible blue or red dye shall be utilized at a minimum rate of 2.5 ounces per gallon in the spray solution by the contractor to produce a visible coloring on the treated foliage during treatment.

**Treatment Techniques for Broadcast Waving Wand (Mixes 3, 4, 6, 7, 8, 9):** Ground broadcast, waving wand application with backpack sprayers to all exposed soil and vegetation up to 10 feet in height except for planted red alder seedlings (mixes 7, 9). Evenly distribute all specified herbicide rates at the 8-10 gallon per acre total solution rate except within no spray buffer areas identified on the unit map or by the DNR compliance forester.

**Treatment Techniques for Directed Spray (Mix 2):** Apply mix 1 evenly to all foliage of all scotchbroom plants to the wetting point at which all foliage is covered but not allowing the herbicide solution to run-off or drip off the foliage. Avoid over-spray or drift onto conifer trees or red alder crop trees.

**Treatment Techniques for Directed Basal (Mix 1):** Apply Mix 1 with backpack sprayer using an adjustable or fan nozzle. Apply complete spray to wet coverage to all sides of each and every stem of bigleaf maple and other target stems listed in the special requirements column on the unit description spreadsheet. The coverage shall be around the entire circumference of each stem using an average of approximately 0.25 to 1 fluid ounce per single stem plants and from 3 to 10 fluid ounces per clump of stems attached to stump sprouts. Coverage shall be applied from stem initiation upward to a point at least six (6) inches above stem initiation on single stems and twelve (12) inches above stem initiation on all stems attached to a clump resulting in a length of stem covered on all sides 6-12 inches. Each stump sprout clump or single stem shall be marked at time of treatment by the applicator tying a length of colored flagging hanging 12 inches from the knot at a height greater than 4 feet above the ground or at the top of the stem if the stem is less than 4 feet tall. A compatible red or blue dye visible during treatment must be used to indicate even coverage to all treated stems.

**Equipment Requirements:** For broadcast waving wand technique, backpack sprayers must be minimum 4 gallon capacity. All nozzles used by the crew for a like treatment technique must be the same configuration and orifice size to facilitate even coverage and rate calibration.

**Additional Requirements:** See attached maps for illustration of treatment areas and boundaries. Do not apply or drift within 25 feet of any flowing or standing water.

**BID 1343 UNIT DESCRIPTION PAGE 8: ESTIMATED PRODUCT QUANTITIES**

		Herbicide Estimated Quantities						Adjuvants		
		Gallons	Gallons	Gallons	Gallons	Gallons	pounds (lbs)	Gallons	Gallons	Gallons
Herbicide Mix	Acres by Mix	Rodeo or Accord Concentrate	Forestry Garlon XRT	Garlon 4 Ultra	Milestone VM Plus	Transline	Oust XP	MSO	Liberate	Marking Dye
<b>1*</b>	126	-	TBD	TBD	-	-	-	TBD	-	TBD
<b>2*</b>	238	-	TBD	TBD	-	-	-	TBD	-	TBD
<b>3</b>	72	27.00	-	-	-	4.50	9.00	-	4.50	TBD
<b>4</b>	159	79.50	-	-	-	19.88	-	-	9.94	TBD
<b>5*</b>	16	-	-	-	TBD	-	-	TBD	-	TBD
<b>6</b>	12	<b>2.25</b>	-	-	-	1.13	2.25	-	-	TBD
<b>7</b>	25	-	-	-	-	3.13	-	-	-	TBD
<b>8</b>	24	3.00	-	-	-	3.00	1.50	-	-	TBD
<b>9</b>	4	0.50	-	-	-	0.50	-	-	-	TBD
<b>Item A Totals:</b>	<b>676</b>	<b>112.25</b>	TBD	TBD	TBD	<b>32.13</b>	<b>12.75</b>	<b>TBD</b>	<b>14.44</b>	TBD

Bids should be inclusive of all costs on the unit line item in the bid sheet including costs of overlapping mixes.

Acre totals for mixes exceed treatment acres due to 119 acres of overlapping mixes.

**\*PRODUCT QUANTITIES FOR DIRECTED APPLICATIONS TO BE DETERMINED (TBD) BY BIDDER.**

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Black Hills

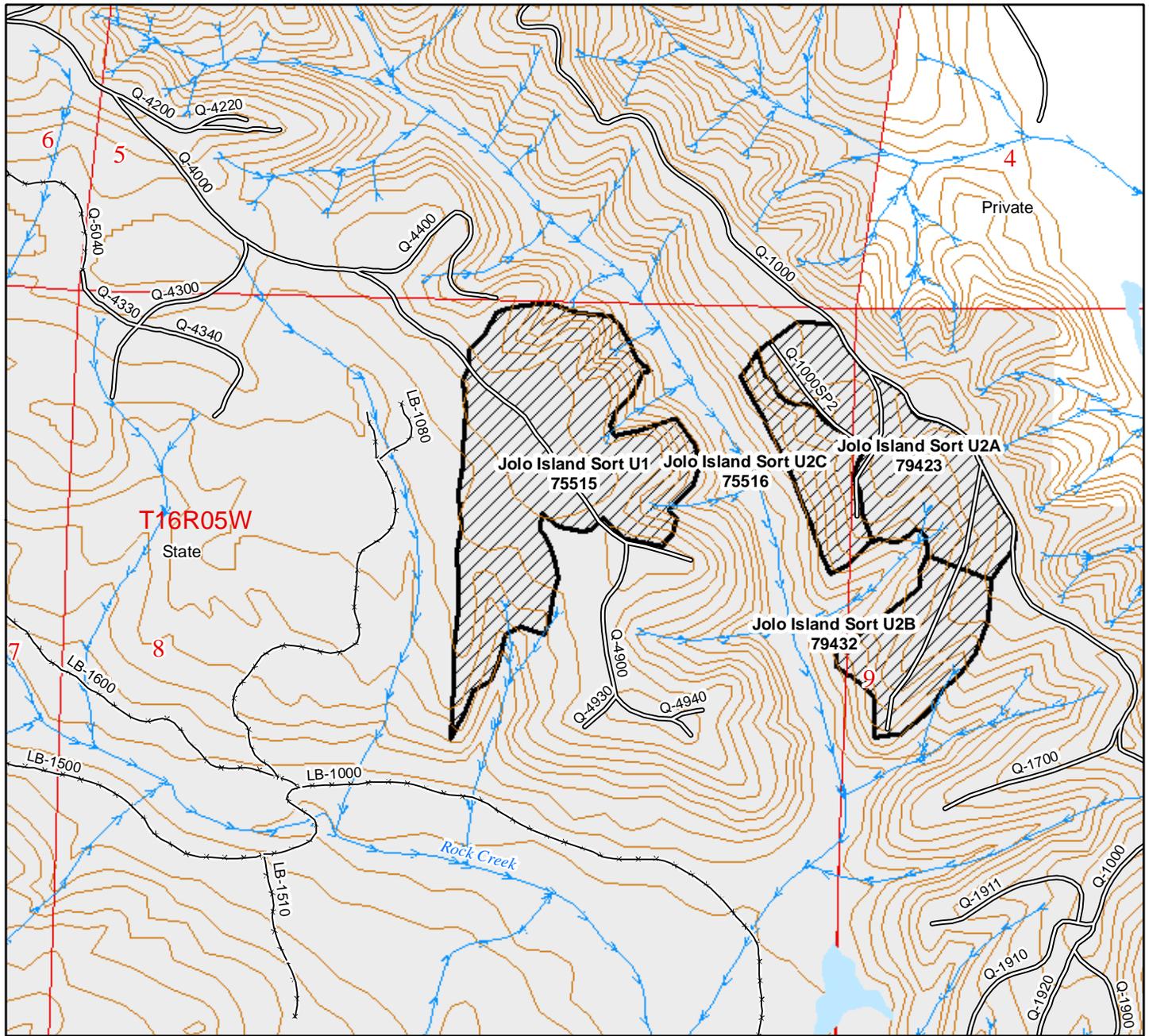
Unit Acres: 54

Item No. A

Unit Name: Jolo Island Sort U1

Treatment Acres: 44

Unit No. 1



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 302-541  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 2011  
 Herbicide Formulation: 3

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Black Hills

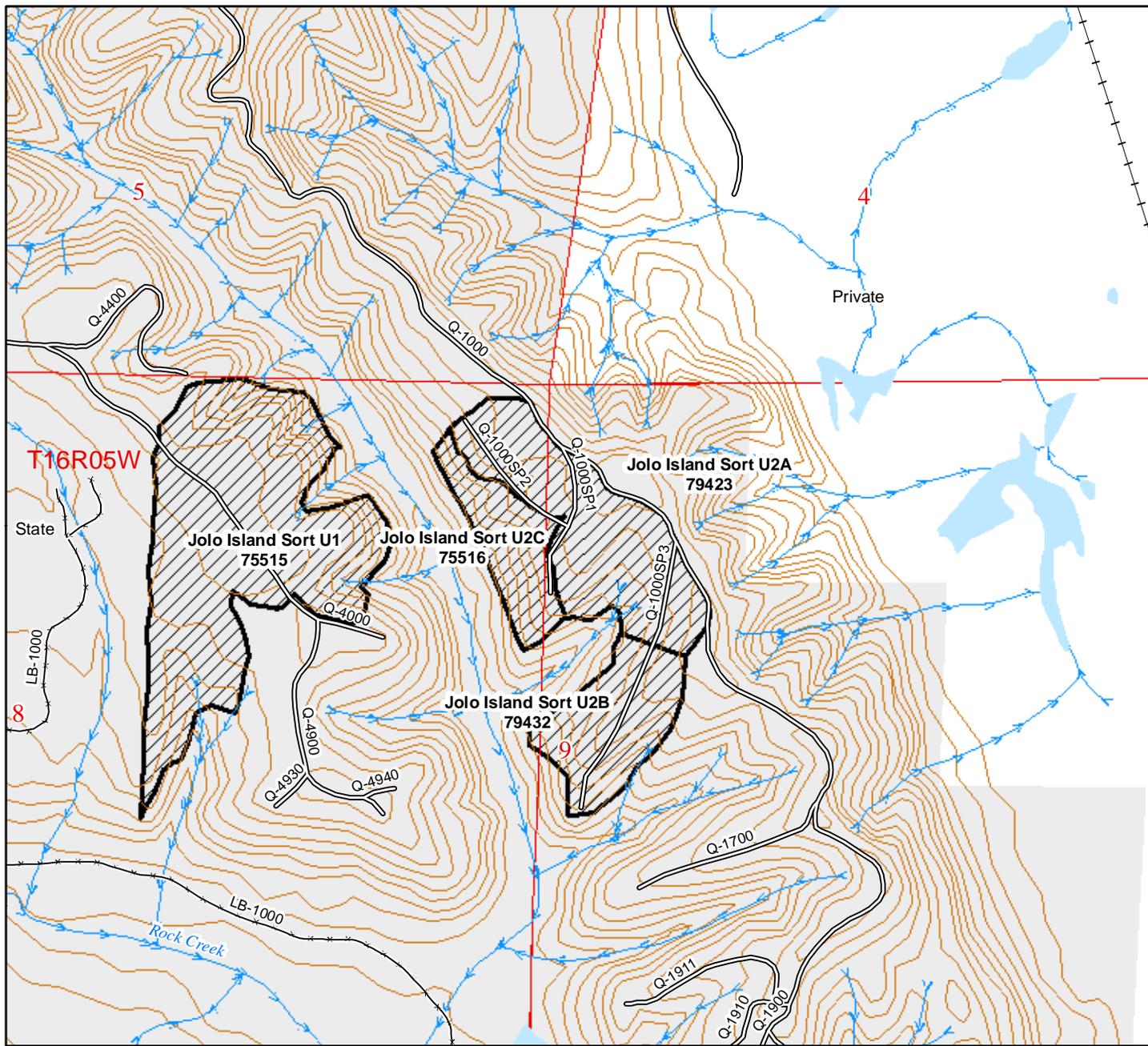
Unit Acres: 27

Item No. A

Unit Name: Jolo Island Sort U2A

Treatment Acres: 24

Unit No. 2



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 412-572  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 2011  
 Herbicide Formulation: 4

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Black Hills

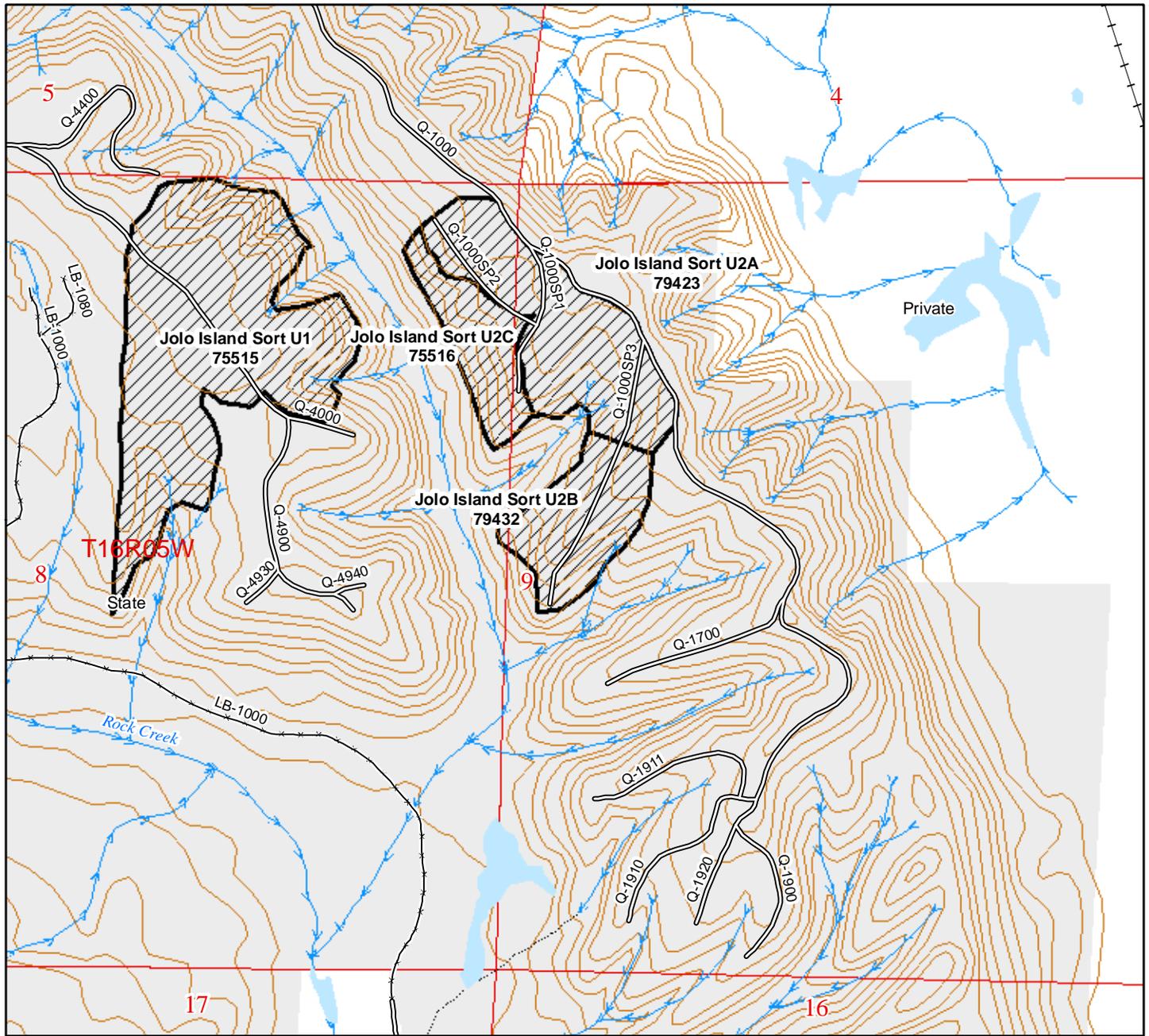
Unit Acres: 15

Item No. A

Unit Name: Jolo Island Sort U2B

Treatment Acres: 15

Unit No. 3



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagger  |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 258-549  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 2011  
 Herbicide Formulation: 3

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Black Hills

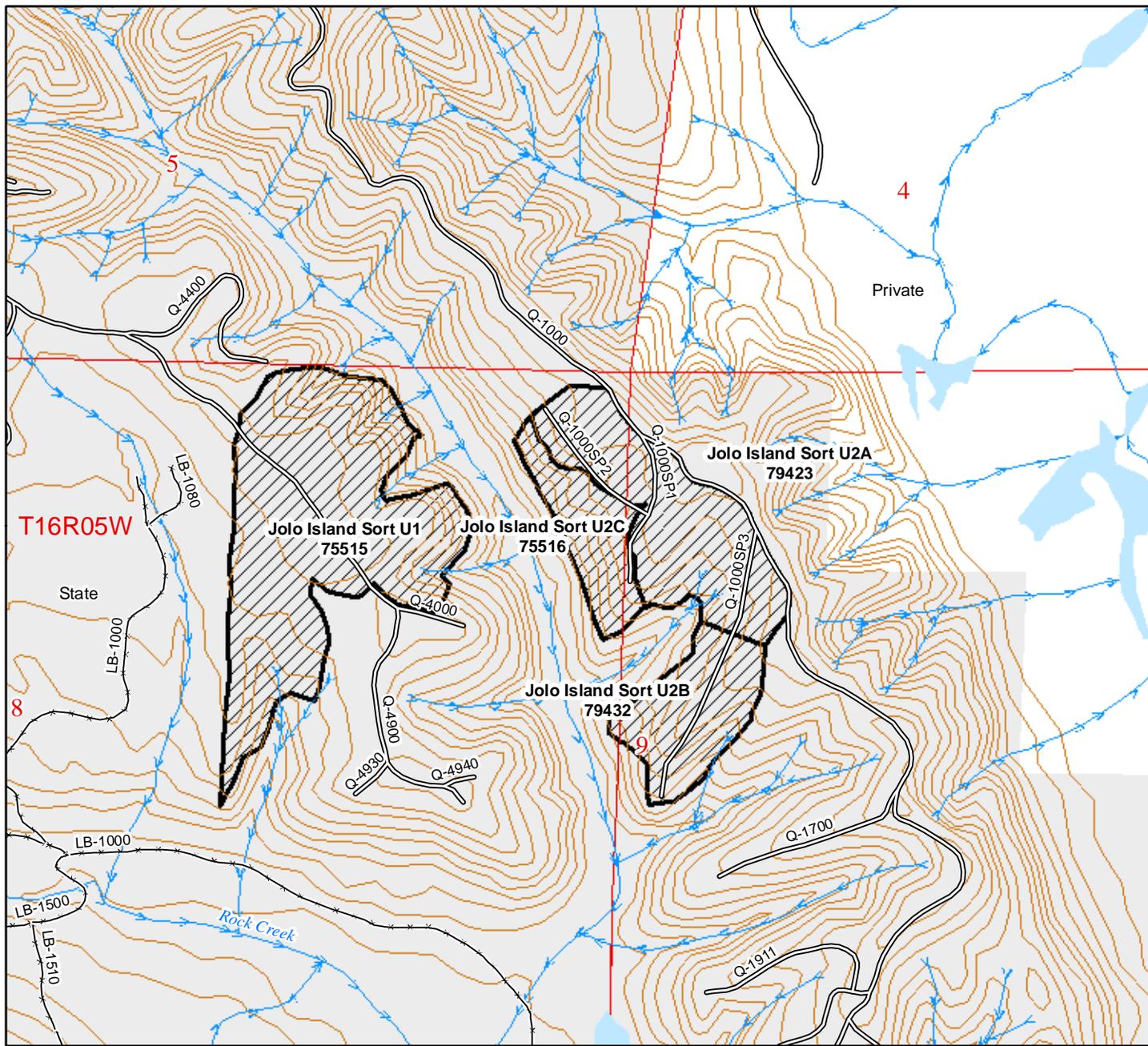
Unit Acres: 11

Item No. A

Unit Name: Jolo Island Sort U2C

Treatment Acres: 10

Unit No. 4



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |

Elevation Range: 263-482  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 2011  
 Herbicide Formulation: 3

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Black Hills

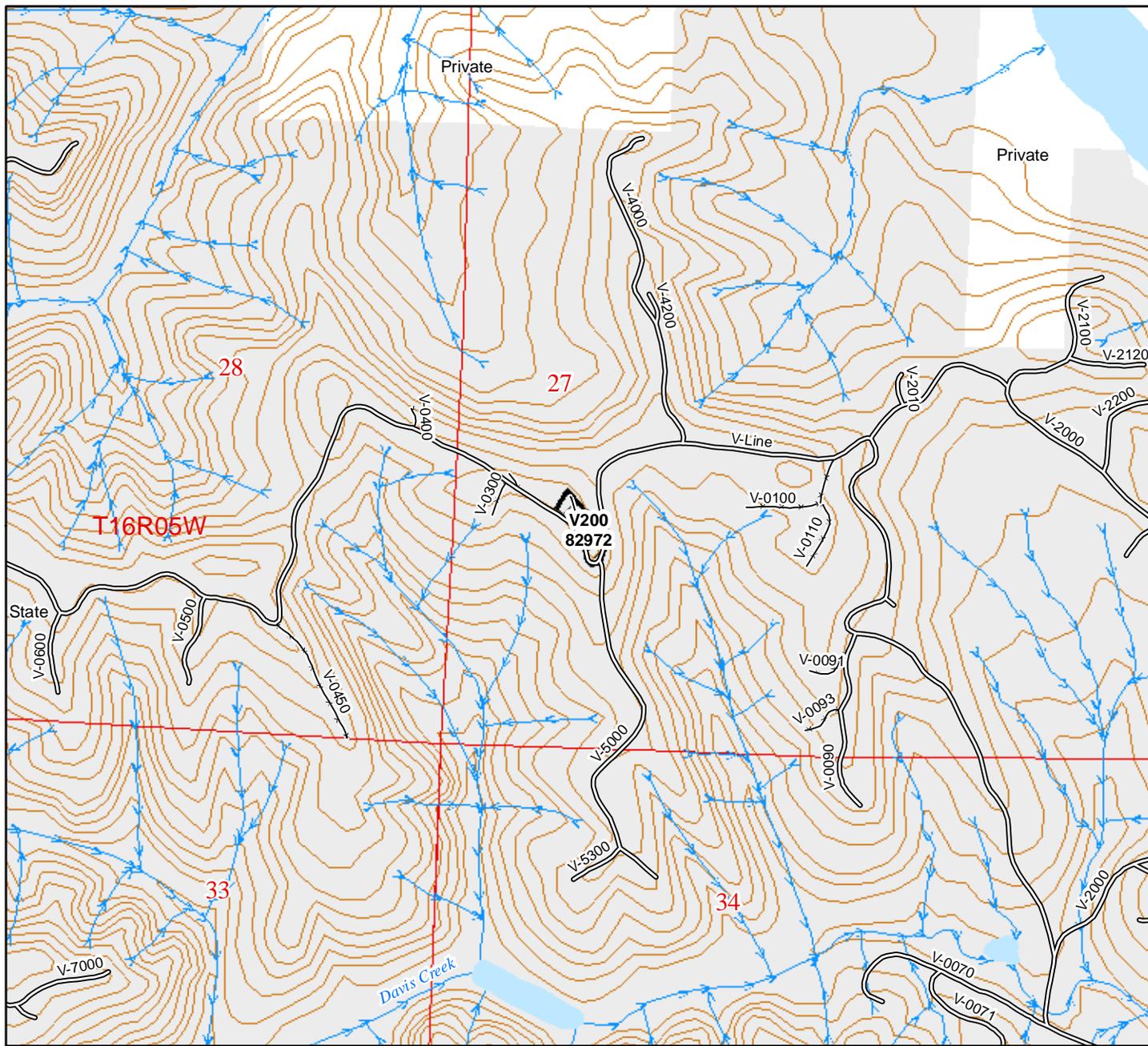
Unit Acres: 2

Item No. A

Unit Name: V200

Treatment Acres: 2

Unit No. 5



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 590-608  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 2009  
 Herbicide Formulation: 1,3

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Black Hills

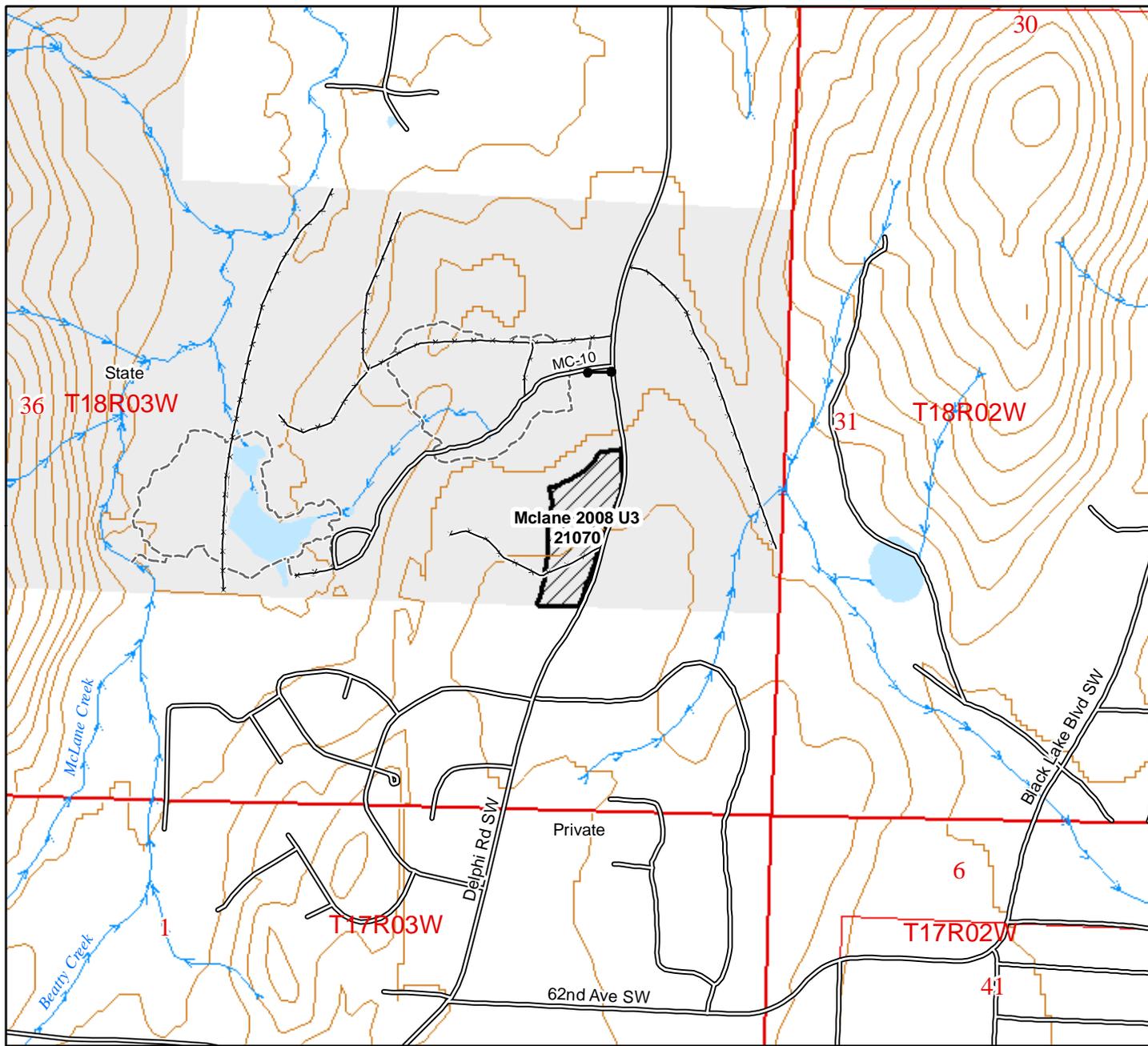
Unit Acres: 8

Item No. A

Unit Name: McLane 2008 U3

Treatment Acres: 8

Unit No. 6



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |

Elevation Range: 210-264  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 2009  
 Herbicide Formulation: 2

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Black Hills

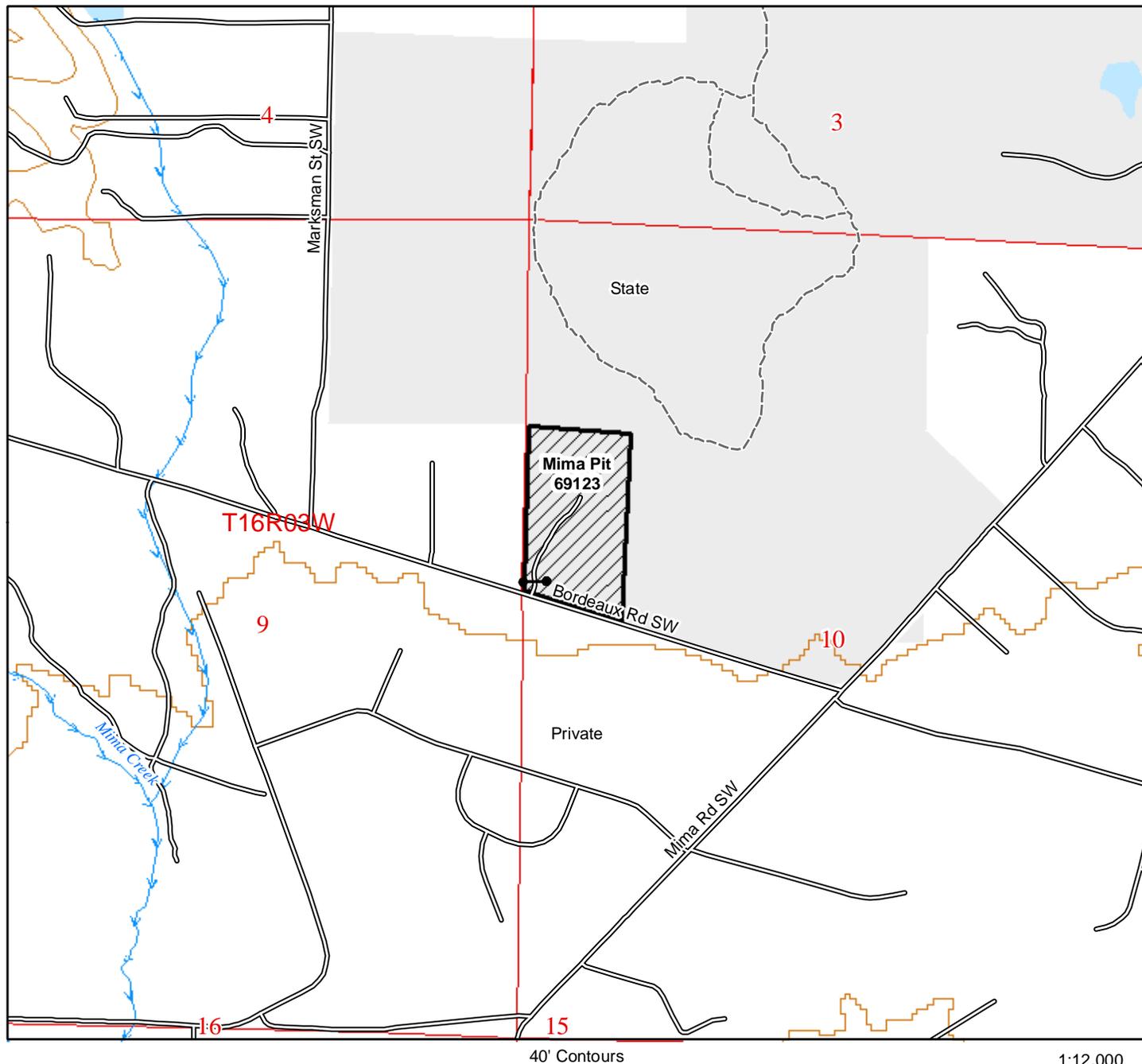
Unit Acres: 18

Item No. A

Unit Name: Mima Pit

Treatment Acres: 16

Unit No. 7



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |

Elevation Range: 202-213  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 0  
 Herbicide Formulation: 5

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Black Hills

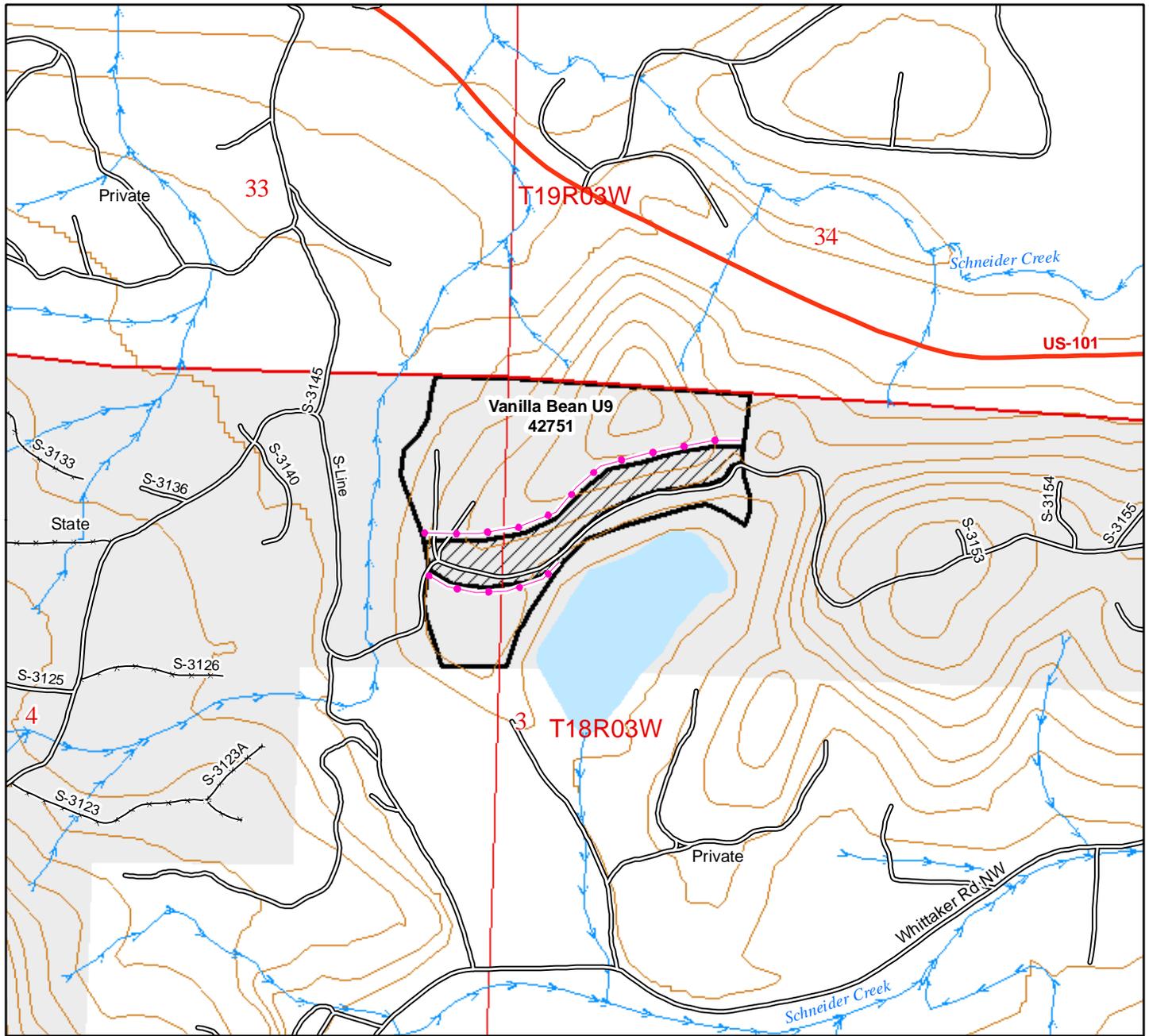
Unit Acres: 62

Item No. A

Unit Name: Vanilla Bean U9

Treatment Acres: 15

Unit No. 8



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 386-906  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 2005  
 Herbicide Formulation: 2

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

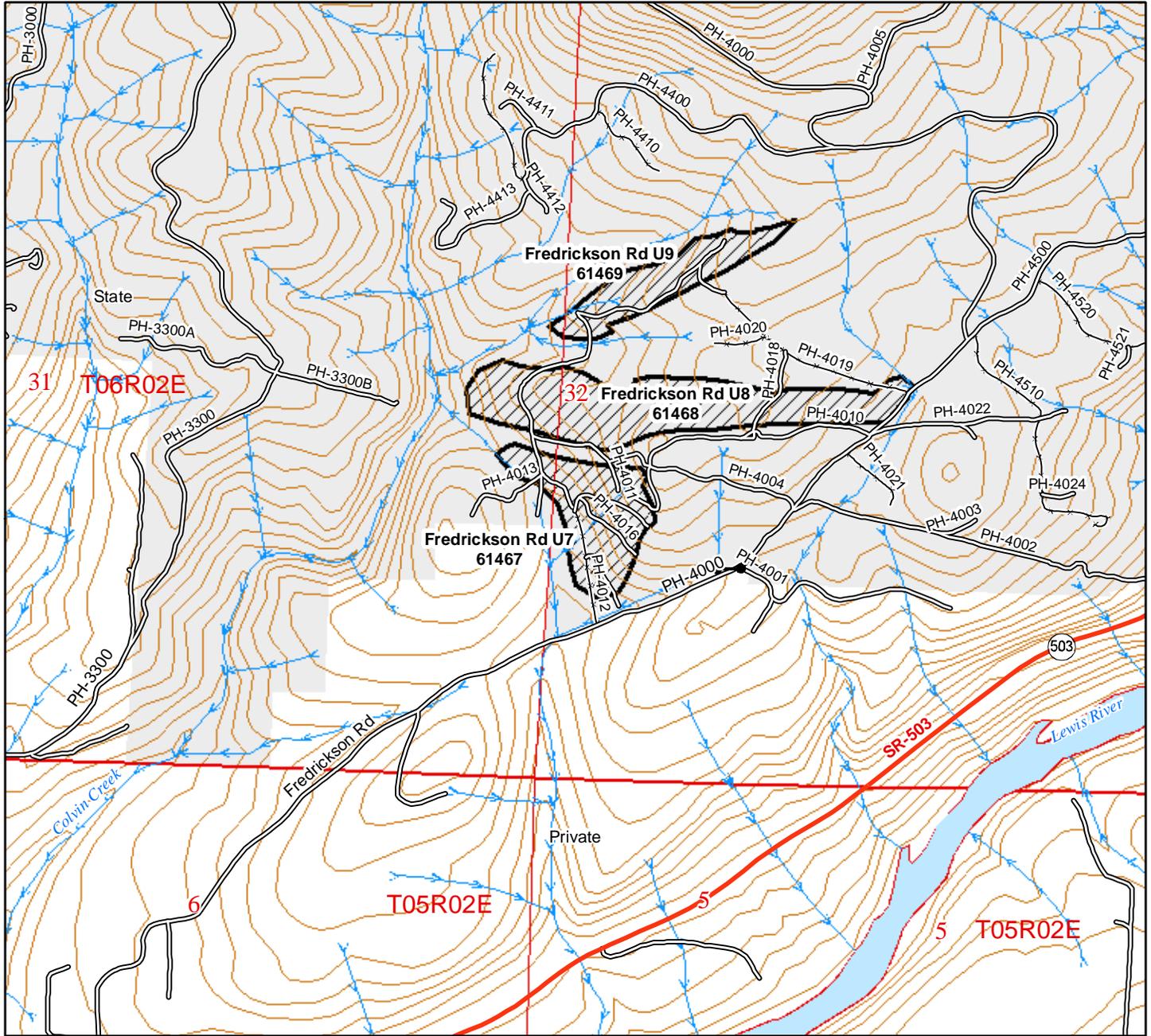
Unit Acres: 12

Item No. A

Unit Name: Fredrickson Rd U7

Treatment Acres: 10

Unit No. 9



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |

Elevation Range: 600 - 900  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2007  
 Herbicide Formulation: 2

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

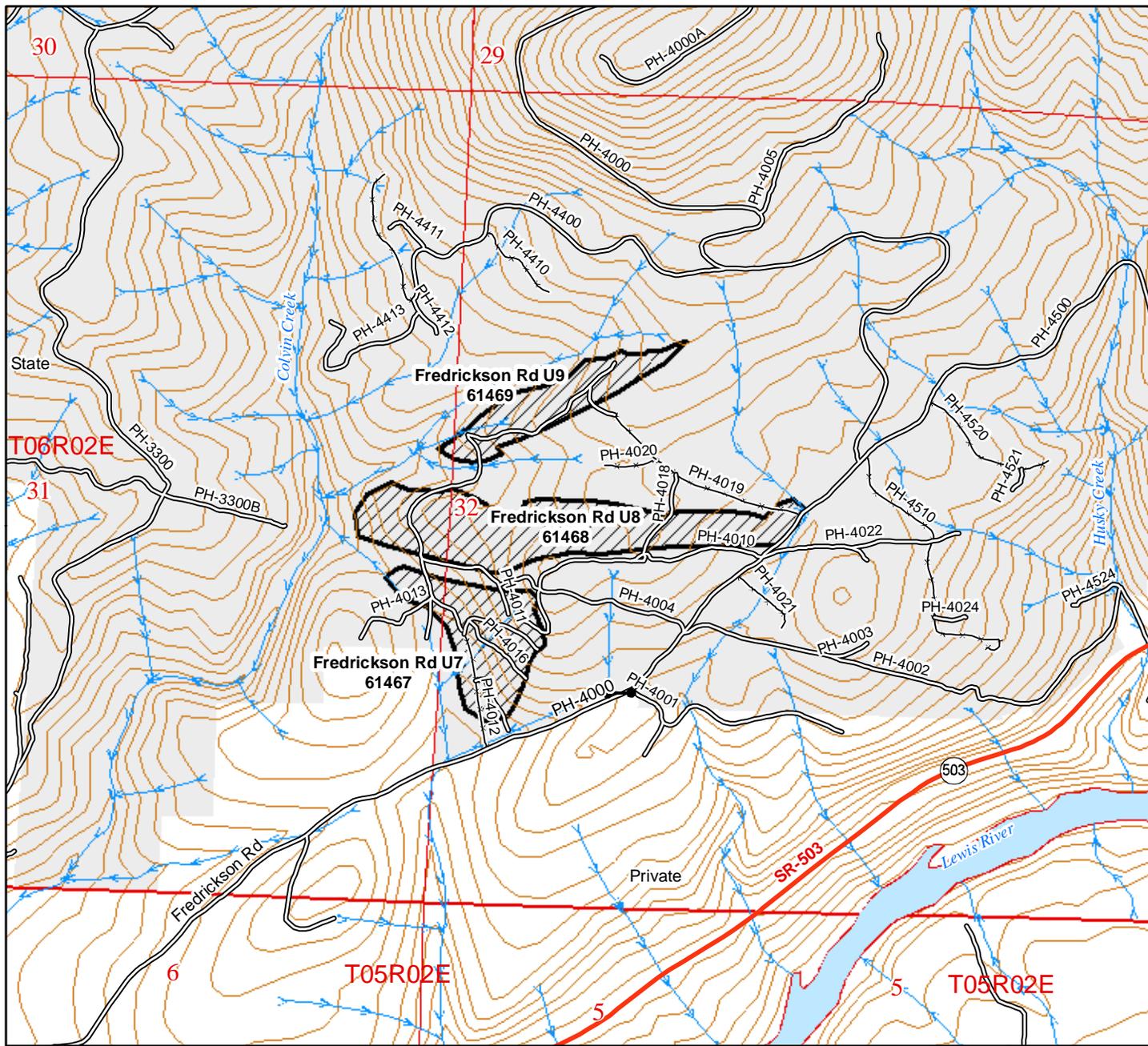
Unit Acres: 21

Item No. A

Unit Name: Fredrickson Rd U8

Treatment Acres: 20

Unit No. 10



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 500 - 1000  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2007  
 Herbicide Formulation: 1,2

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

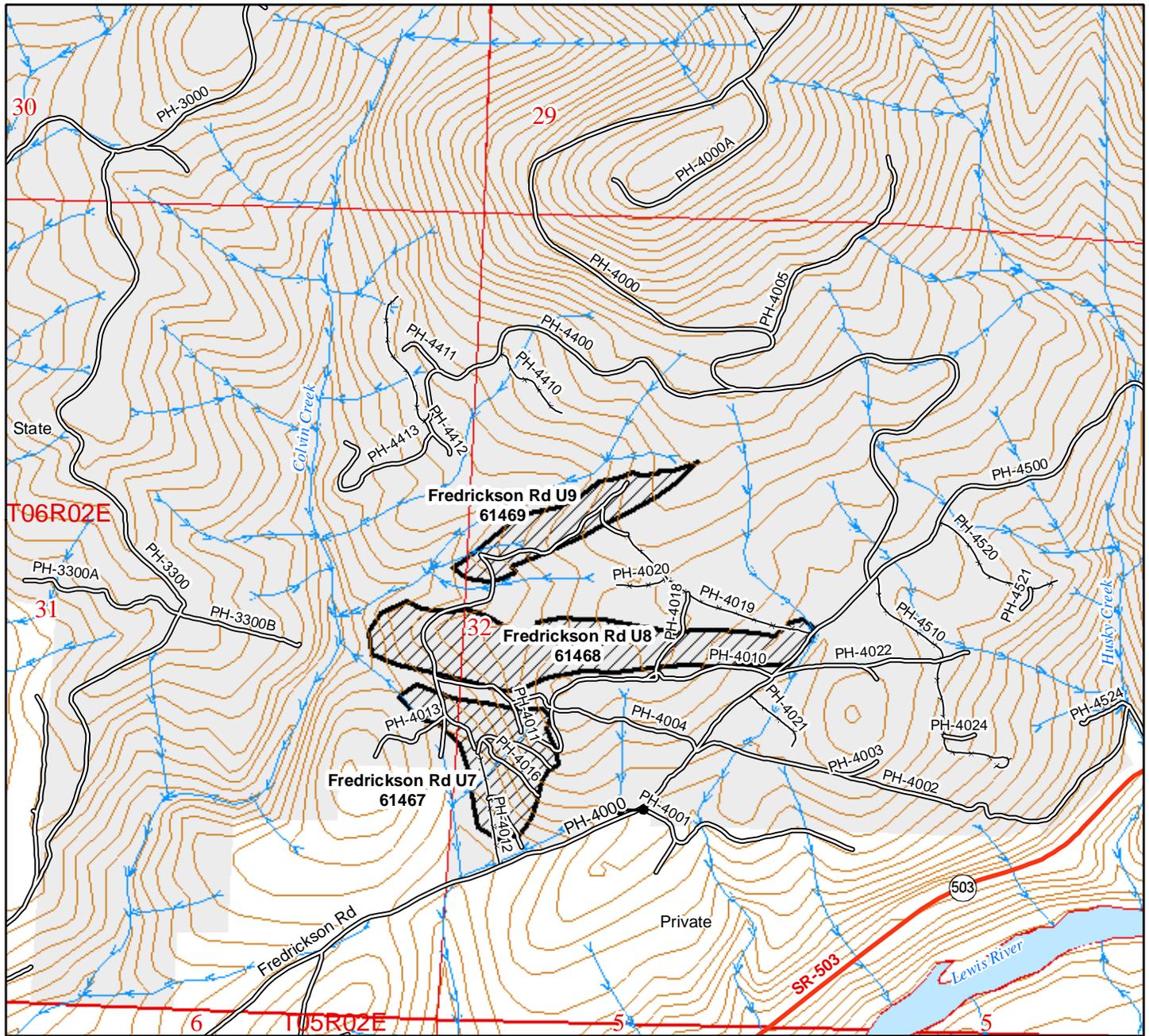
Unit Acres: 8

Item No. A

Unit Name: Fredrickson Rd U9

Treatment Acres: 8

Unit No. 11



40' Contours

1:12,000

- |  |                      |  |                |
|--|----------------------|--|----------------|
|  | Unit Boundary        |  | Pink Flaggging |
|  | Treatment Area       |  | Gate           |
|  | DNR Managed Lands    |  | Tank Trap      |
|  | Existing Roads       |  | Earth Barrier  |
|  | Non-Driveable Access |  | Other Barrier  |
|  | Trails               |  | Streams        |



Elevation Range: 700 - 1000  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 2007  
 Herbicide Formulation: 1,2

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

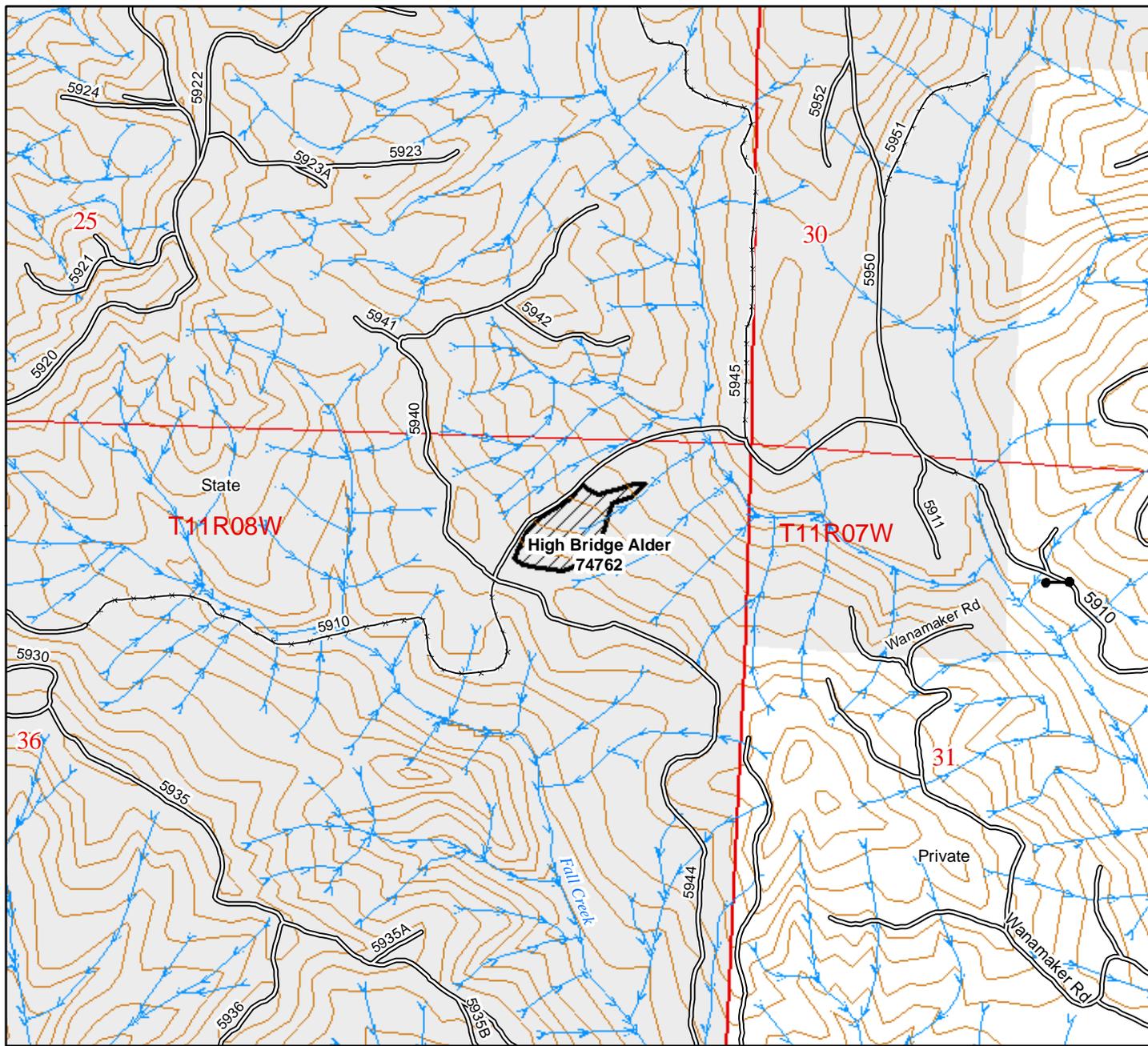
Unit Acres: 5

Item No. A

Unit Name: High Bridge Alder

Treatment Acres: 5

Unit No. 12



40' Contours

1:12,000

- |   |                      |   |               |
|---|----------------------|---|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |

Elevation Range: 400-500  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2009  
 Herbicide Formulation: 6

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Lewis

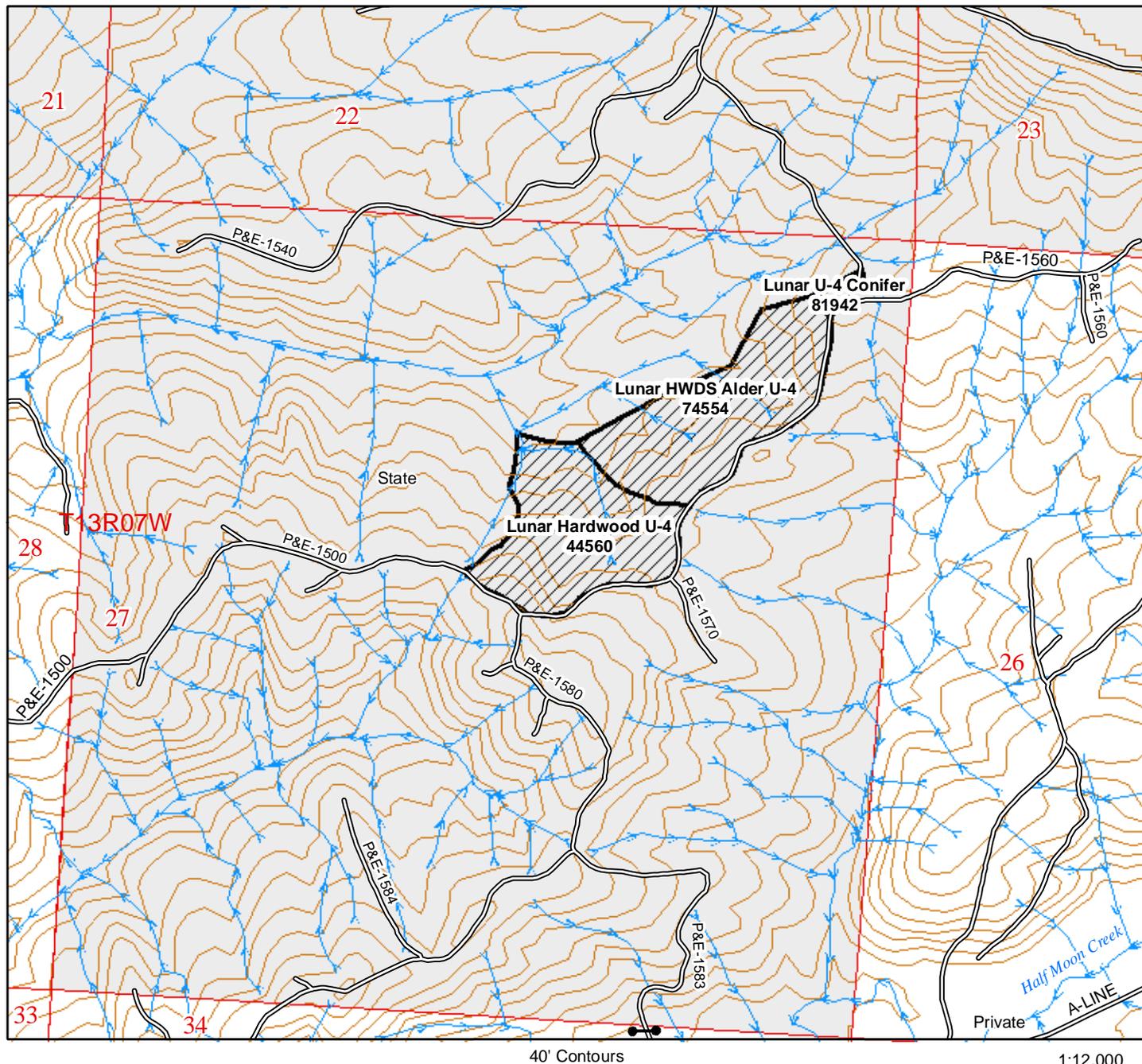
Unit Acres: 23

Item No. A

Unit Name: Lunar Hardwood U-4

Treatment Acres: 21

Unit No. 13



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 400-700  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2010  
 Herbicide Formulation: 4

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Lewis

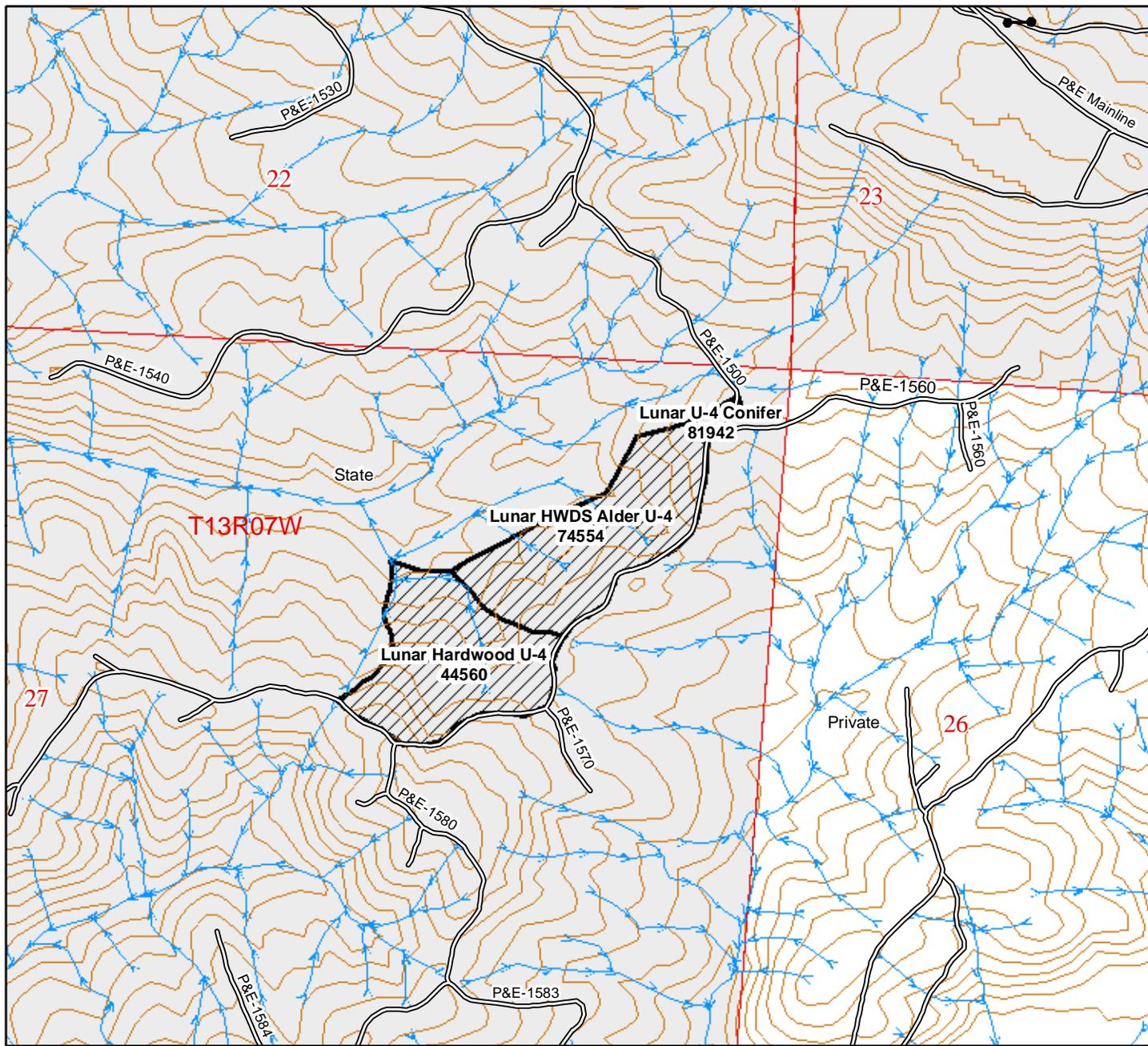
Unit Acres: 24

Item No. A

Unit Name: Lunar HWDS Alder U-4

Treatment Acres: 23

Unit No. 14



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 400-600  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2010  
 Herbicide Formulation: 4

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Lewis

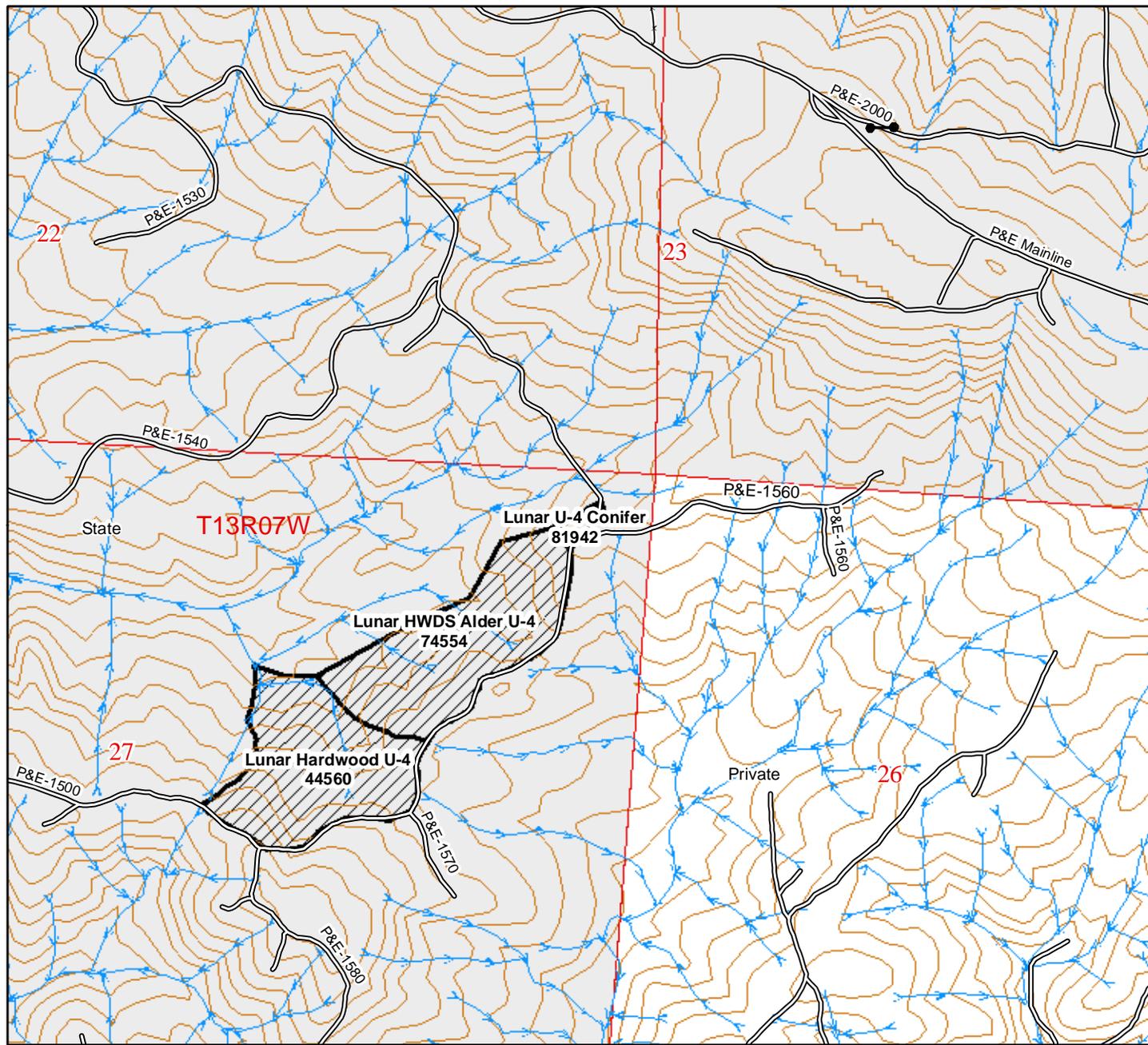
Unit Acres: 1

Item No. A

Unit Name: Lunar U-4 Conifer

Treatment Acres: 1

Unit No. 15



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 600-700  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 0  
 Herbicide Formulation: 3

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Lewis

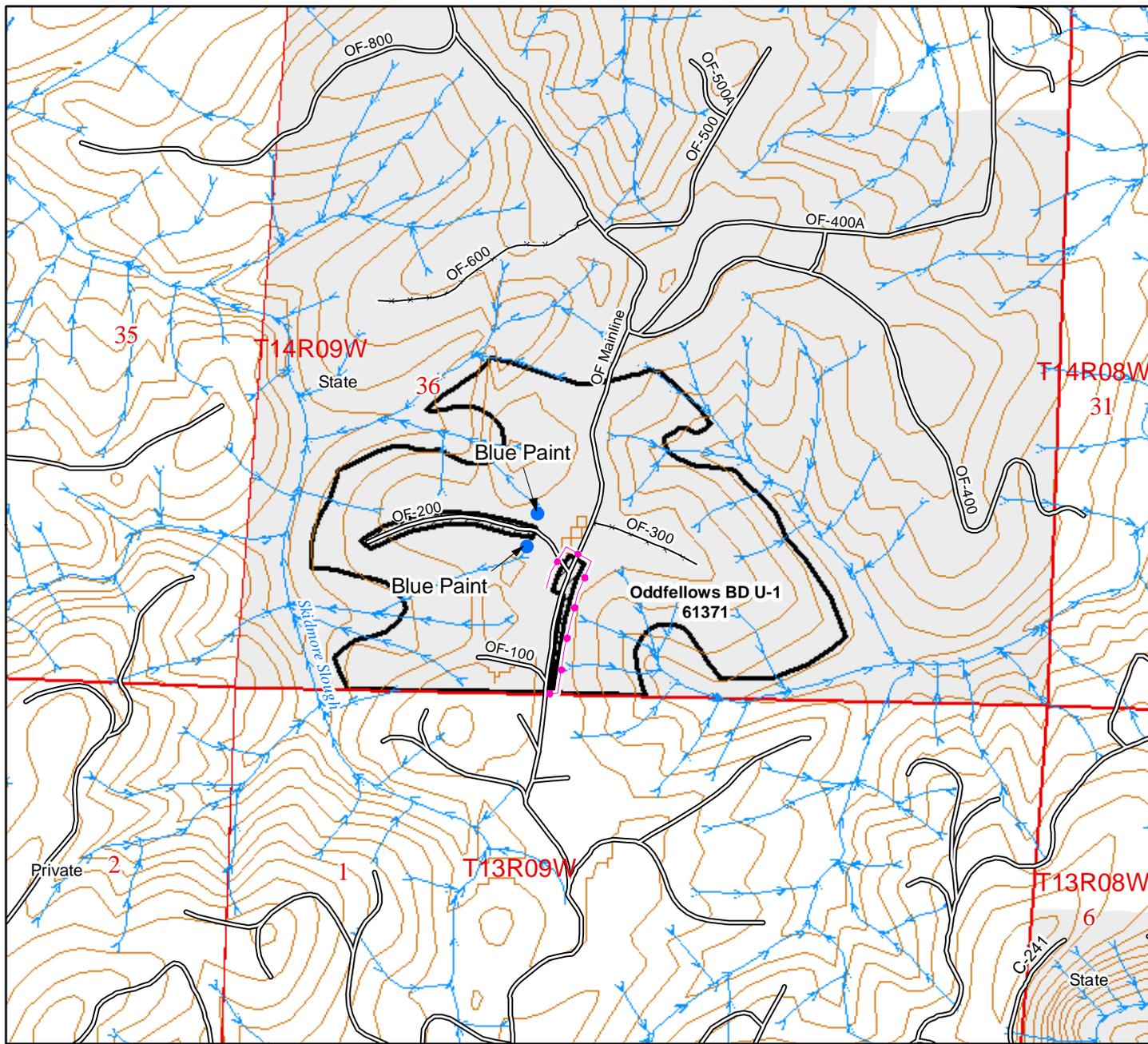
Unit Acres: 116

Item No. A

Unit Name: Oddfellows BD U-1

Treatment Acres: 1

Unit No. 16



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 150-360  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 2009  
 Herbicide Formulation: 1

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Lewis

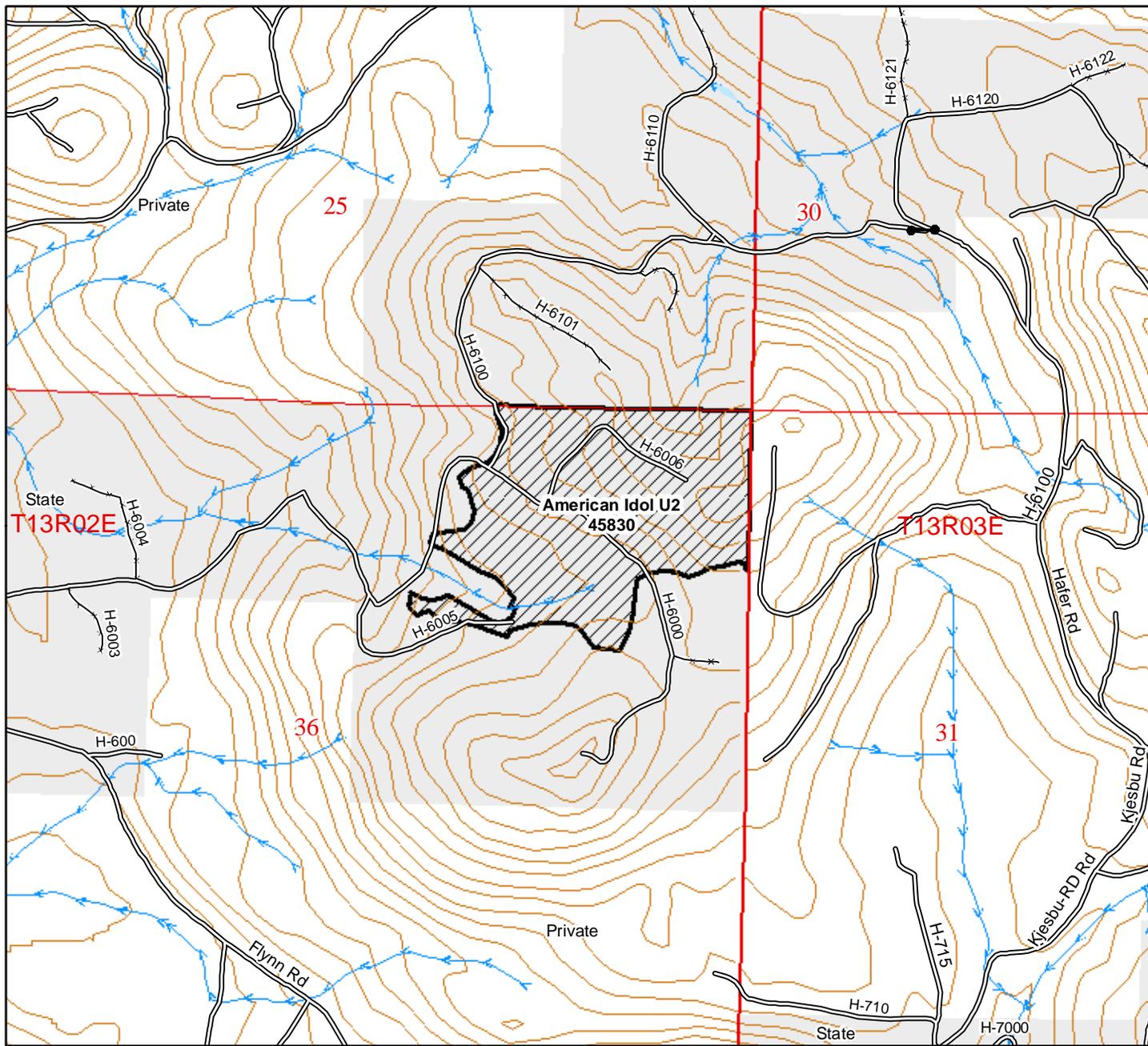
Unit Acres: 55

Item No. A

Unit Name: American Idol U2

Treatment Acres: 53

Unit No. 17



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 1052-1407  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 2008  
 Herbicide Formulation: 2

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: Lewis

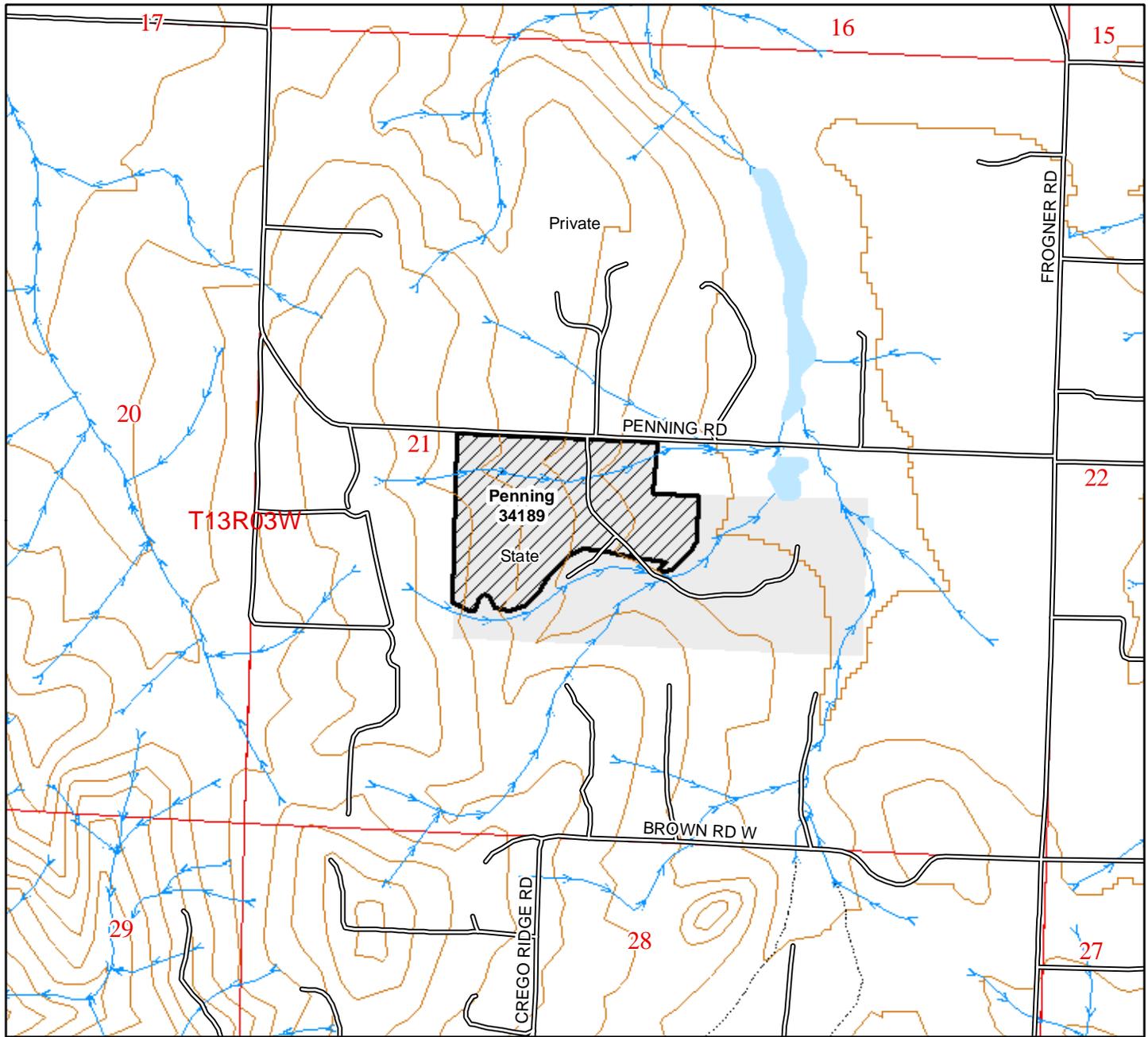
Unit Acres: 31

Item No. A

Unit Name: Penning

Treatment Acres: 31

Unit No. 18



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 653-817  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 1999  
 Herbicide Formulation: 2

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

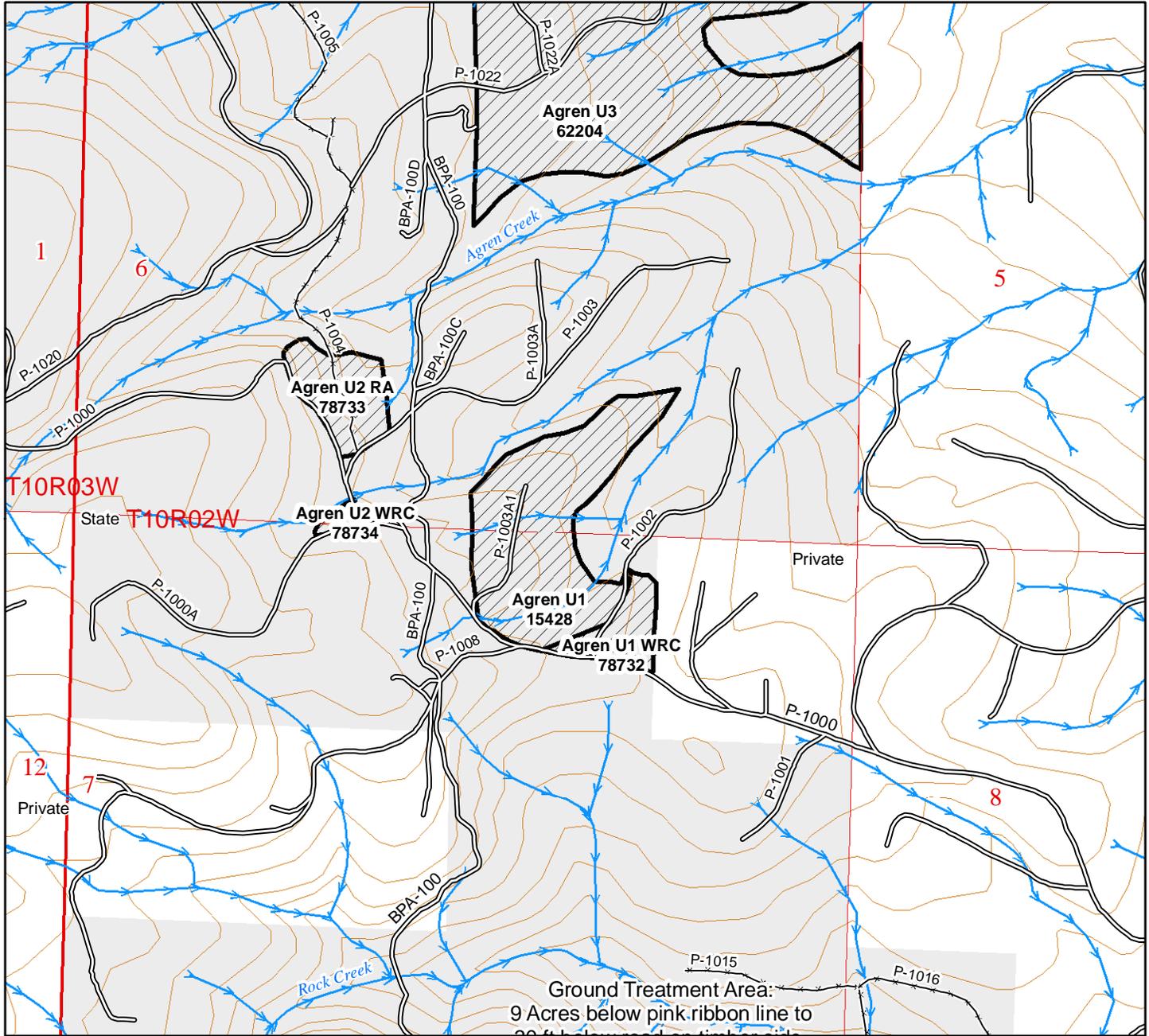
Unit Acres: 27

Item No. A

Unit Name: Agren U1

Treatment Acres: 18

Unit No. 19



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagger  |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 850-1050  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2010  
 Herbicide Formulation: 2,4

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

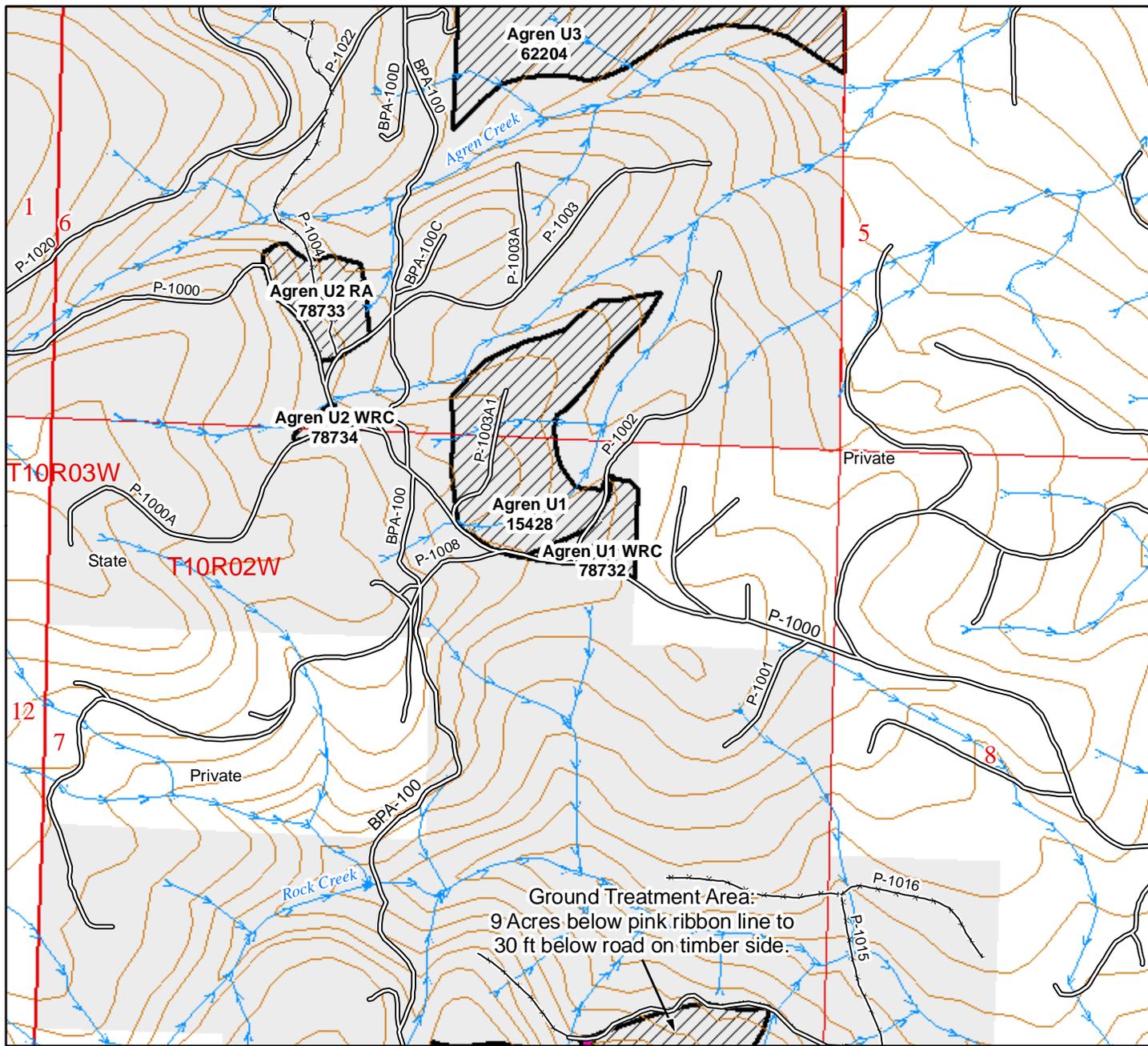
Unit Acres: 5

Item No. A

Unit Name: Agren U1 WRC

Treatment Acres: 5

Unit No. 20



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagger  |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 950-1000  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2010  
 Herbicide Formulation: 2,4

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

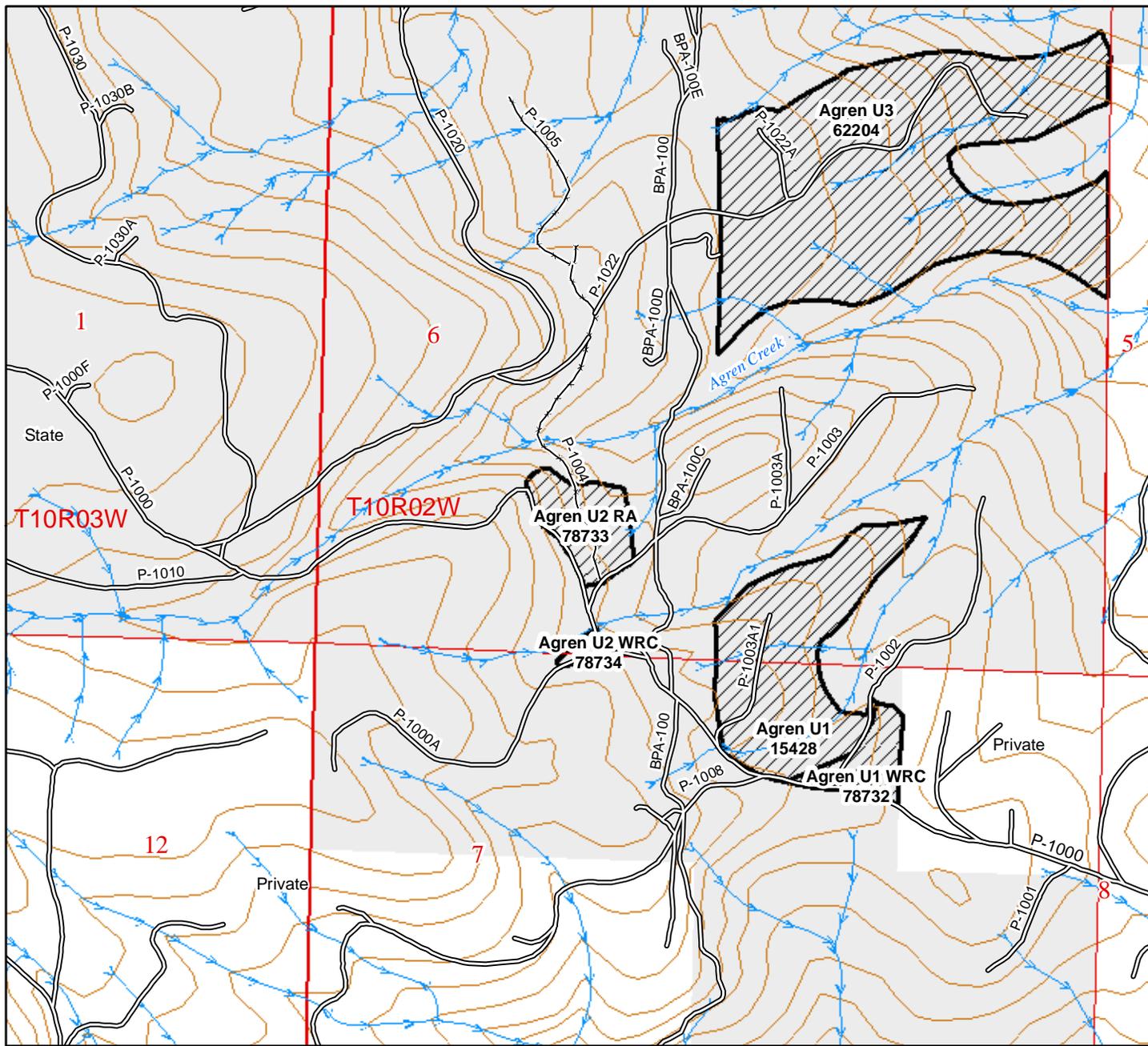
Unit Acres: 8

Item No. A

Unit Name: Agren U2 RA

Treatment Acres: 8

Unit No. 21



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 950-1100  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2010  
 Herbicide Formulation: 1,7

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

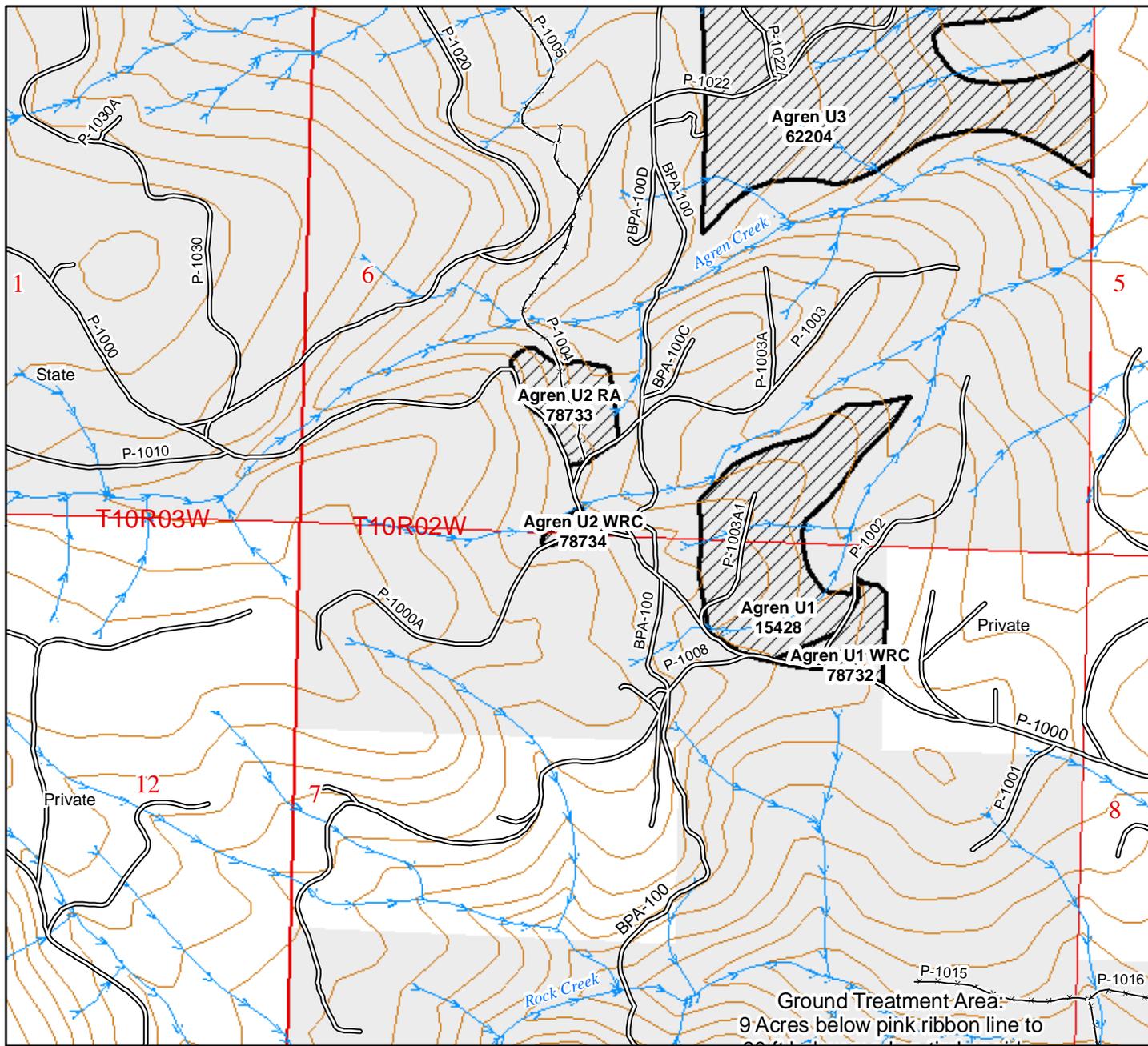
Unit Acres: 1

Item No. A

Unit Name: Agren U2 WRC

Treatment Acres: 1

Unit No. 22



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 1050-1080  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2010  
 Herbicide Formulation: 1,7

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

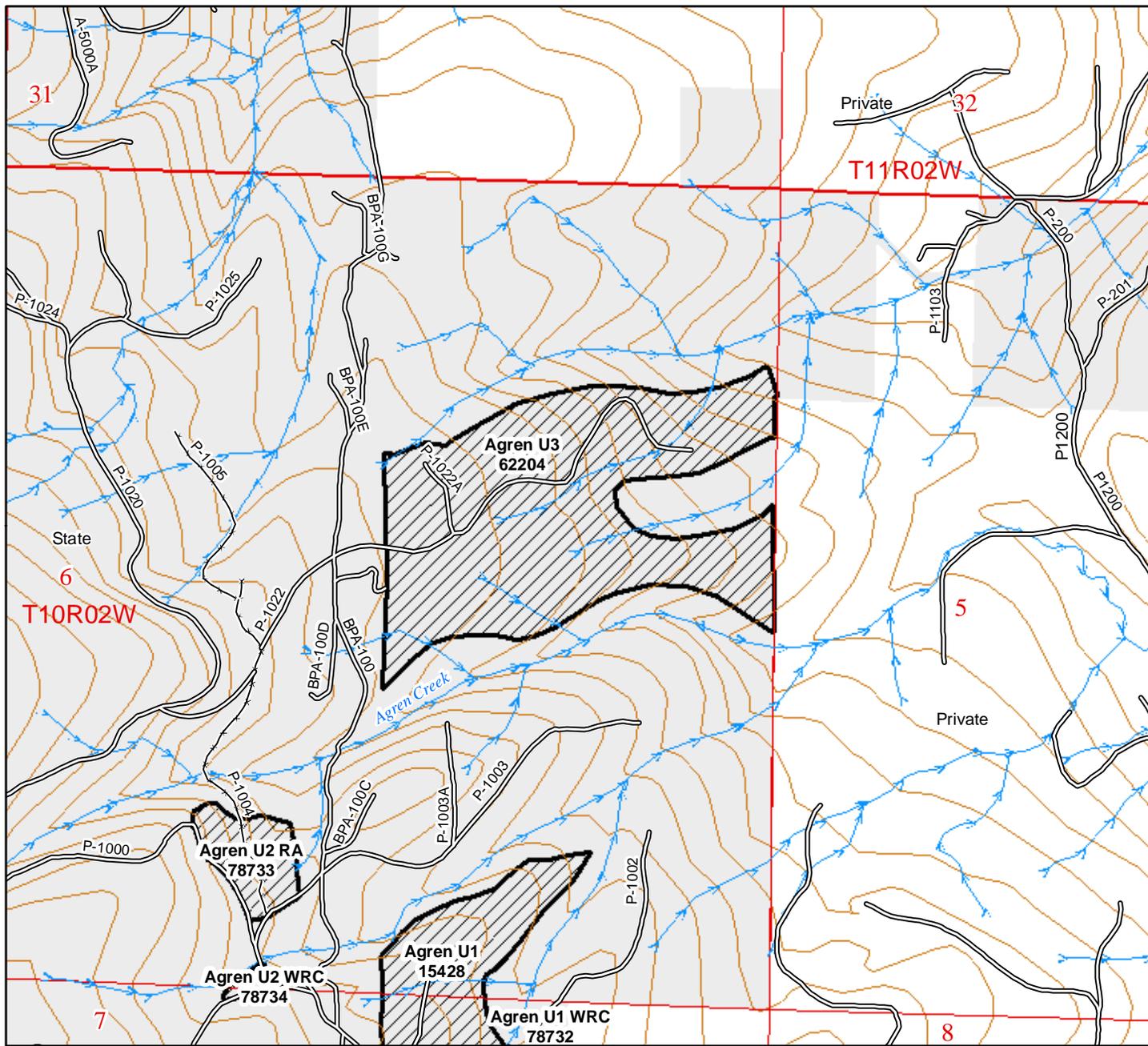
Unit Acres: 73

Item No. A

Unit Name: Agren U3

Treatment Acres: 68

Unit No. 23



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagger  |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 525-880  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2010  
 Herbicide Formulation: 2,4

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

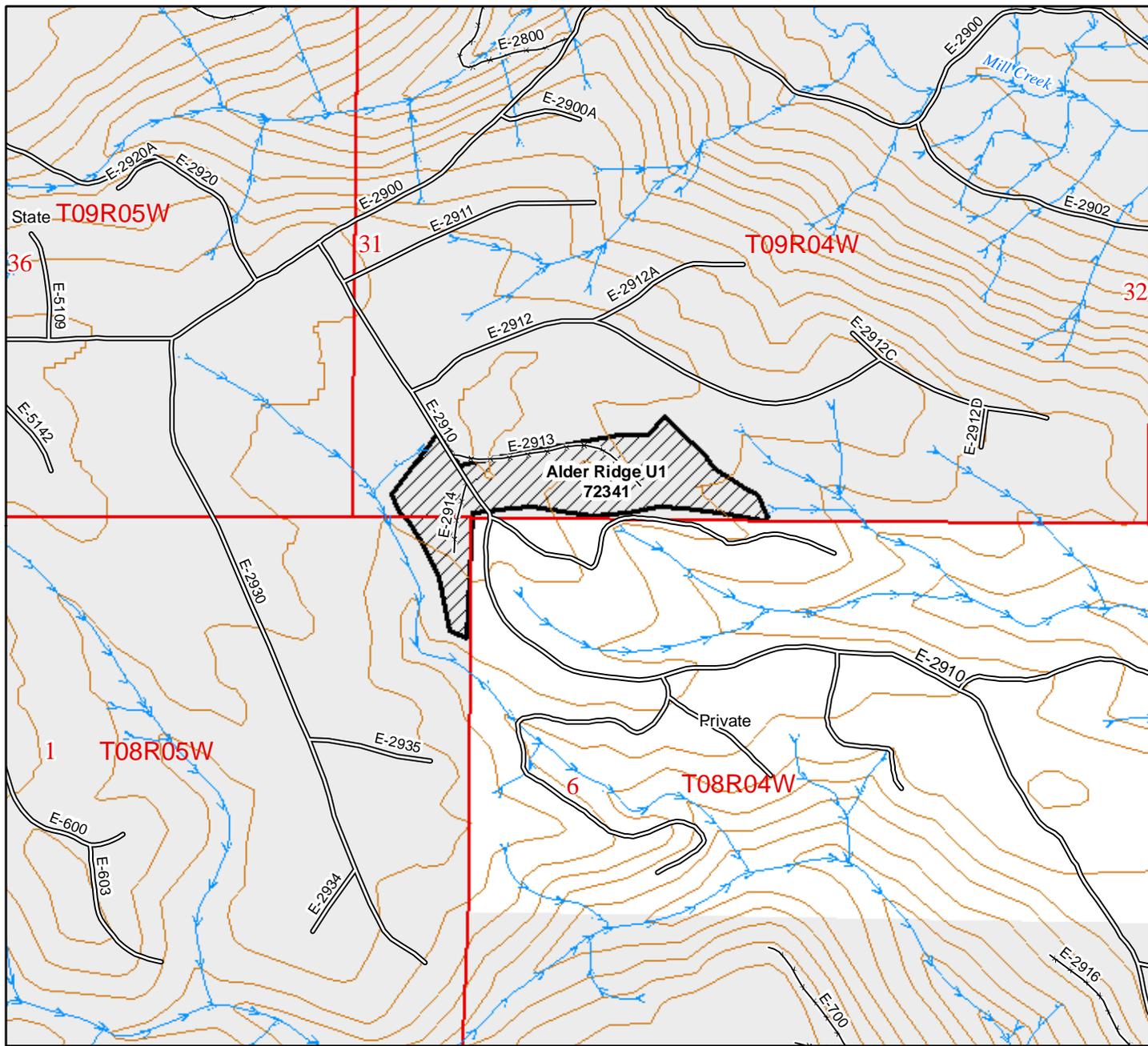
Unit Acres: 2

Item No. A

Unit Name: Alder Ridge U1

Treatment Acres: 2

Unit No. 24



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 800-880  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2010  
 Herbicide Formulation: 2

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

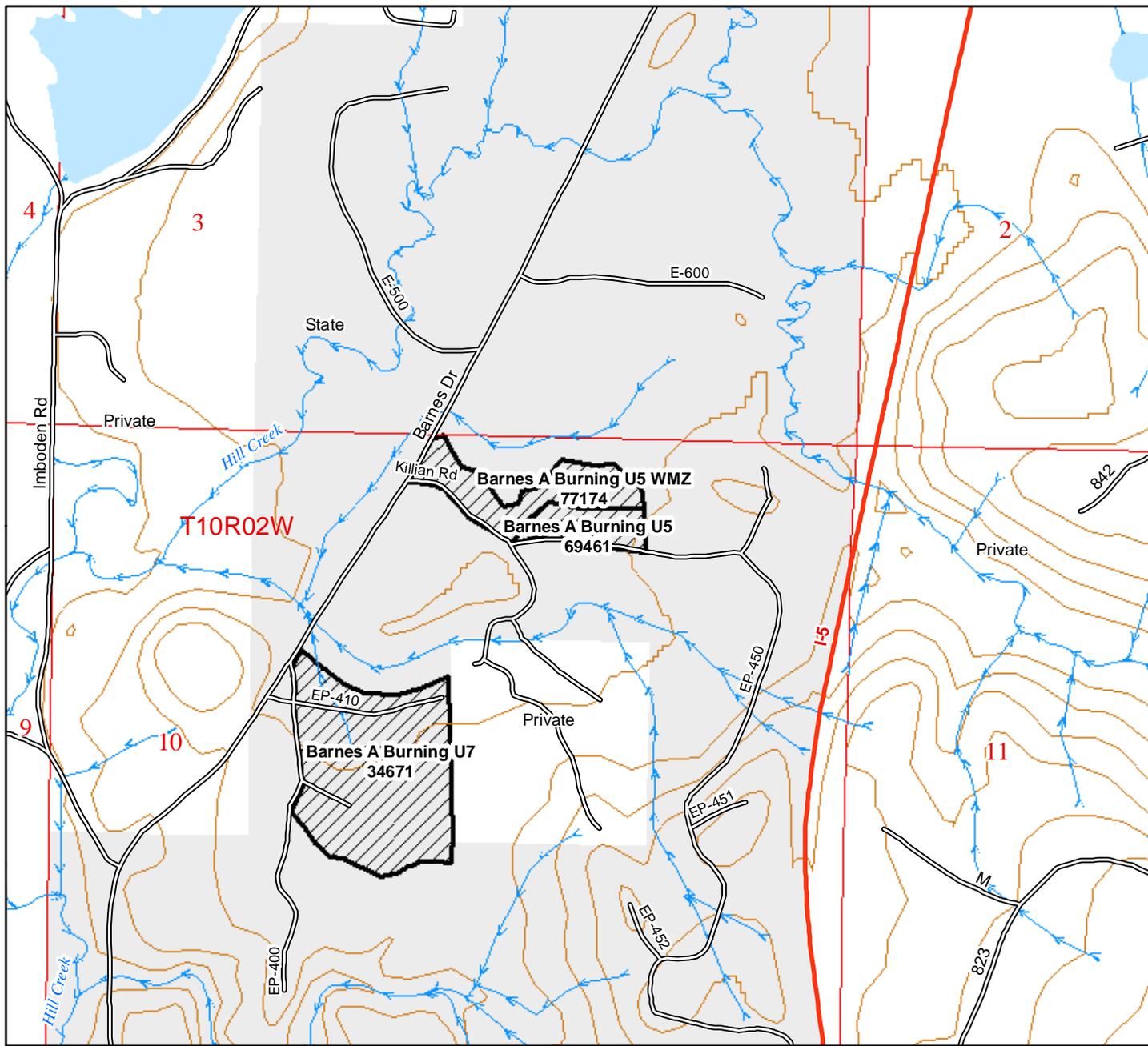
Unit Acres: 4

Item No. A

Unit Name: Barnes A Burning U5

Treatment Acres: 4

Unit No. 25



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |

Elevation Range: 140-145  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2010  
 Herbicide Formulation: 9

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

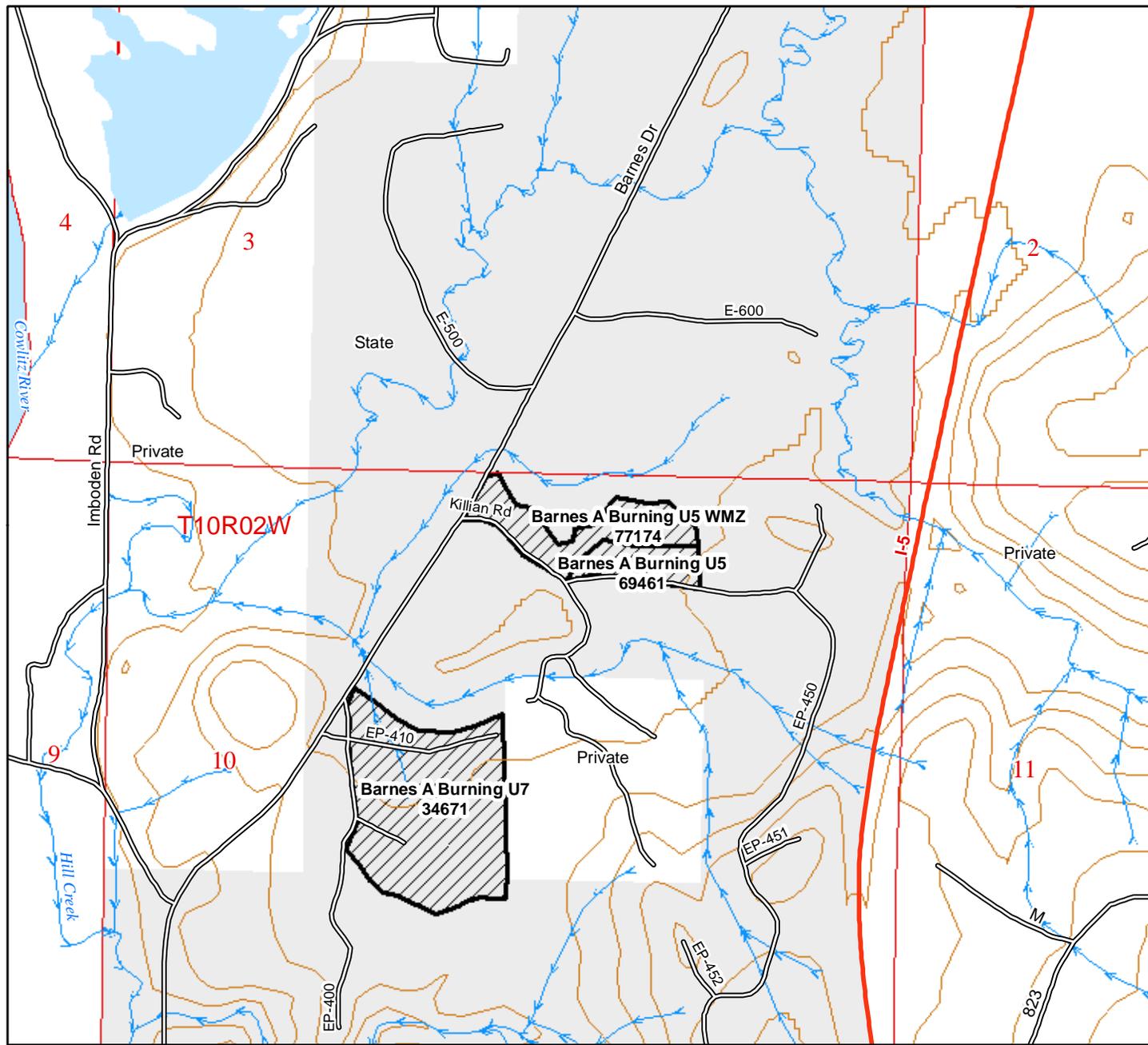
Work Unit: St Helens

Unit Acres: 9

Item No. A

Unit Name: Barnes A Burning U5 WMZ Treatment Acres: 7

Unit No. 26



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 137-153  
 Gate: Yes  
 Key: PCP1-1 - DNR  
 Special Concerns:  
 Year Harvested: 2010  
 Herbicide Formulation: 6

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

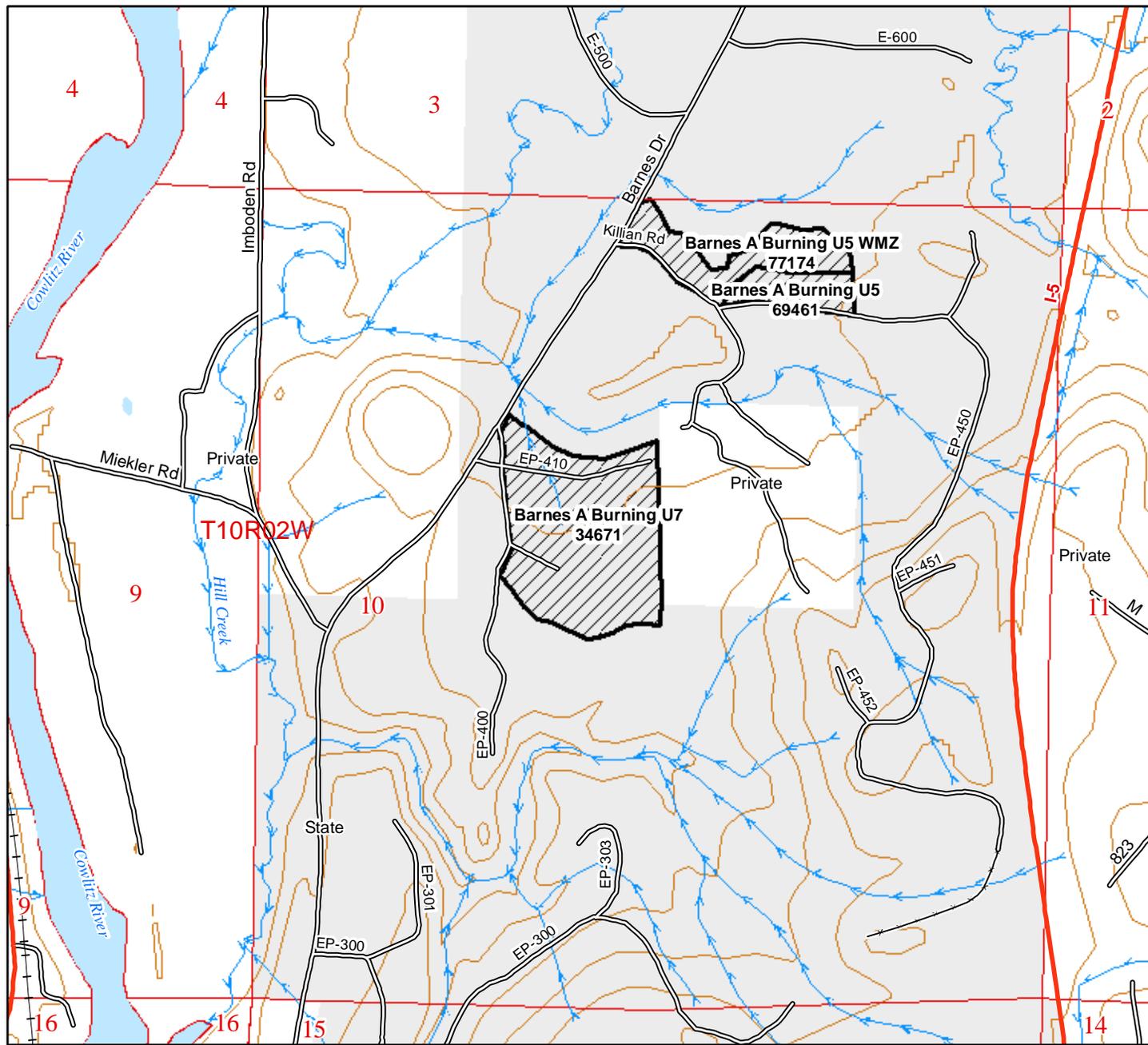
Unit Acres: 27

Item No. A

Unit Name: Barnes A Burning U7

Treatment Acres: 25

Unit No. 27



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 135-150  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2010  
 Herbicide Formulation: 7

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

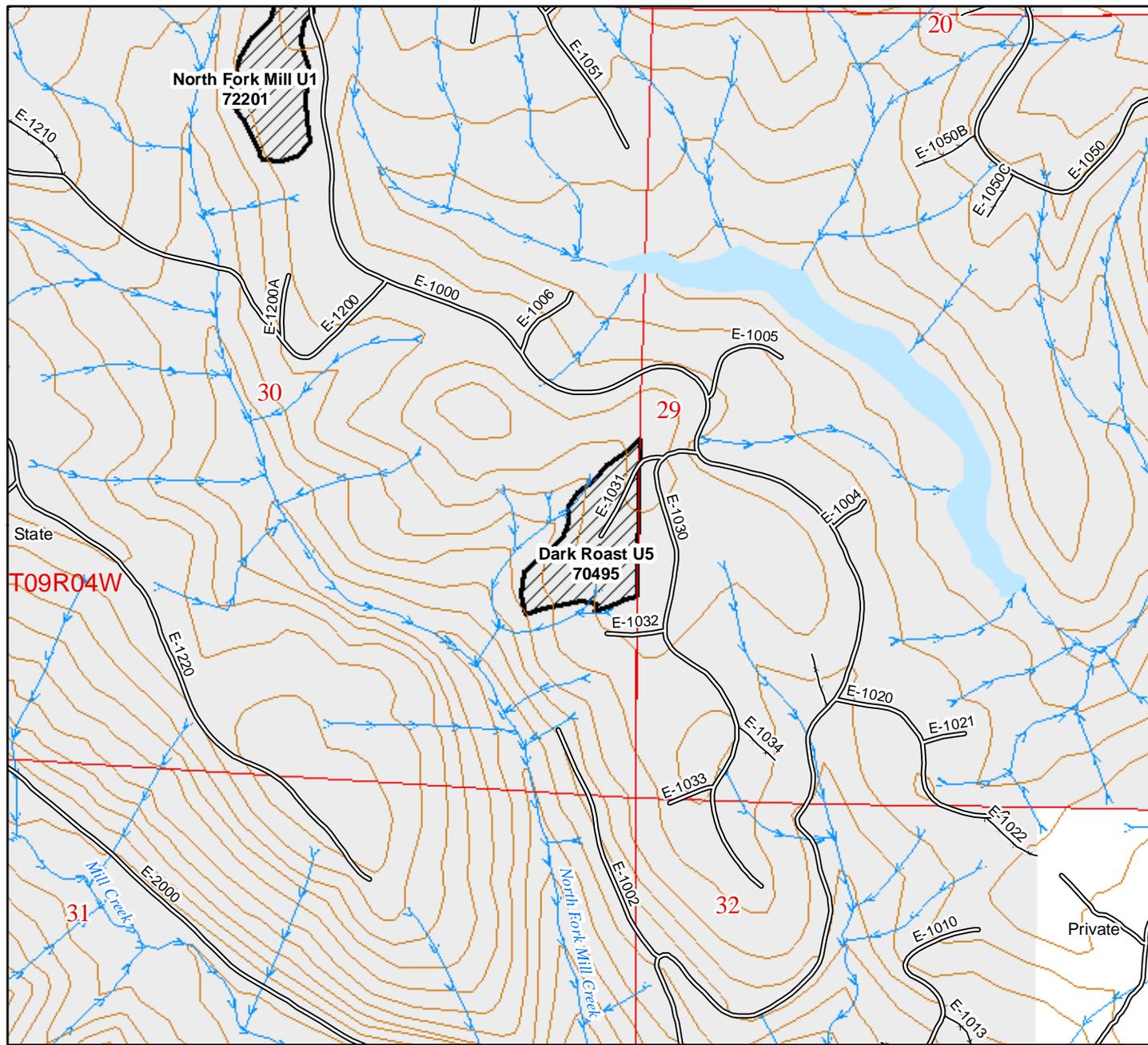
Unit Acres: 12

Item No. A

Unit Name: Dark Roast U5

Treatment Acres: 11

Unit No. 28



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 700-800  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2009  
 Herbicide Formulation: 8

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

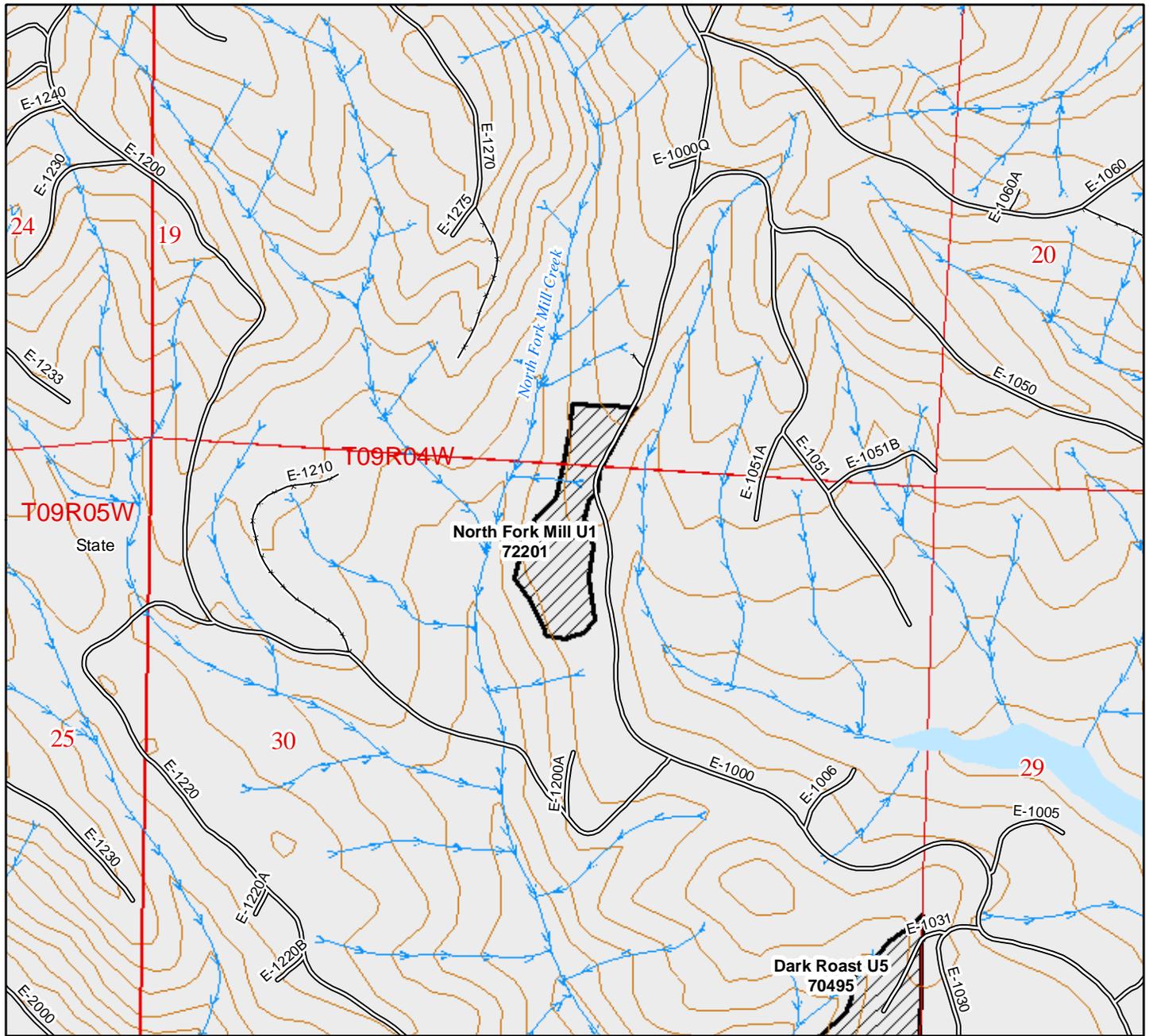
Unit Acres: 13

Item No. A

Unit Name: North Fork Mill U1

Treatment Acres: 13

Unit No. 29



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 733-849  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2009  
 Herbicide Formulation: 8

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

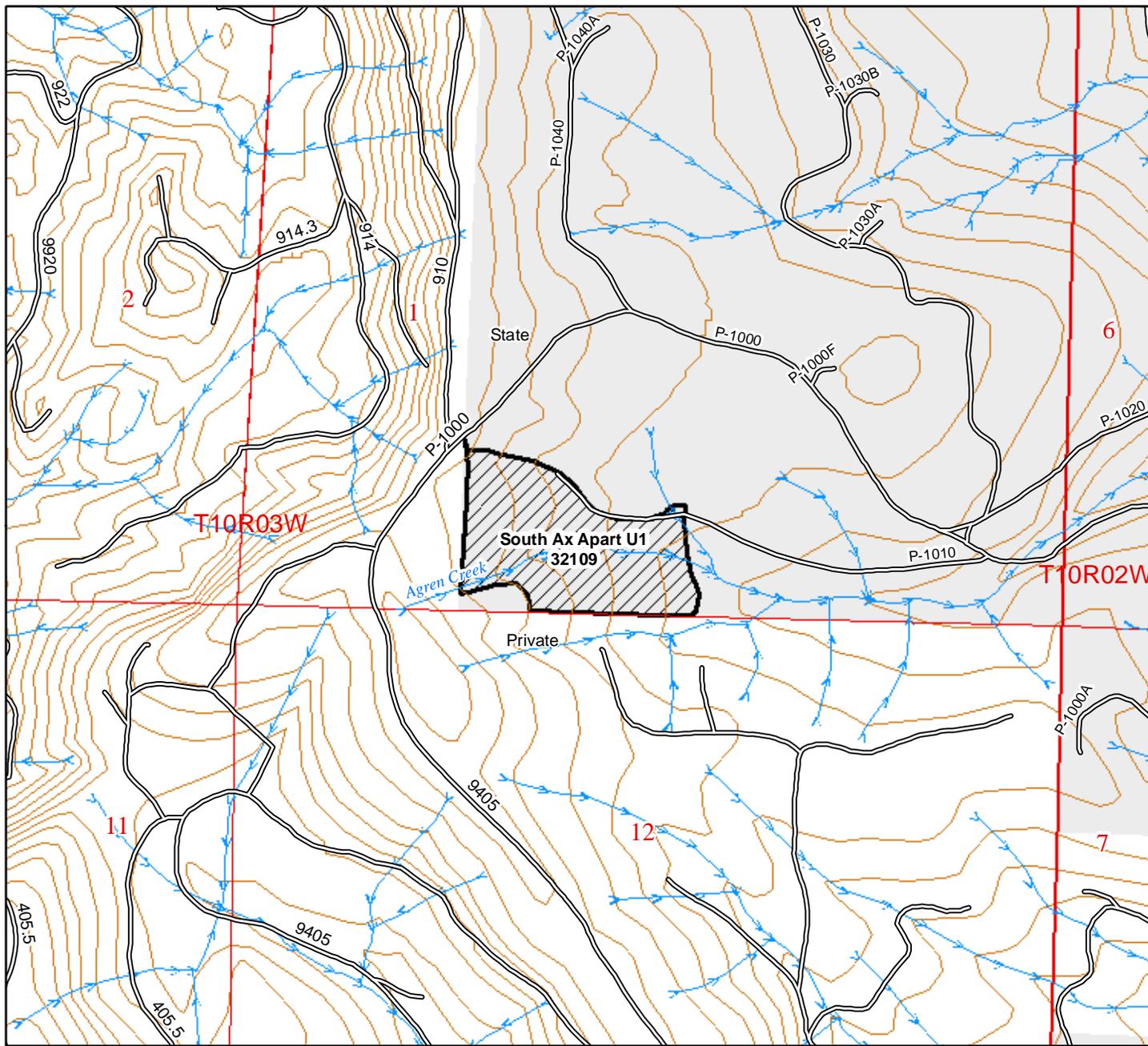
Unit Acres: 26

Item No. A

Unit Name: South Ax Apart U1

Treatment Acres: 25

Unit No. 30



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |

Elevation Range: 1270-1450  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2001  
 Herbicide Formulation: 1

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

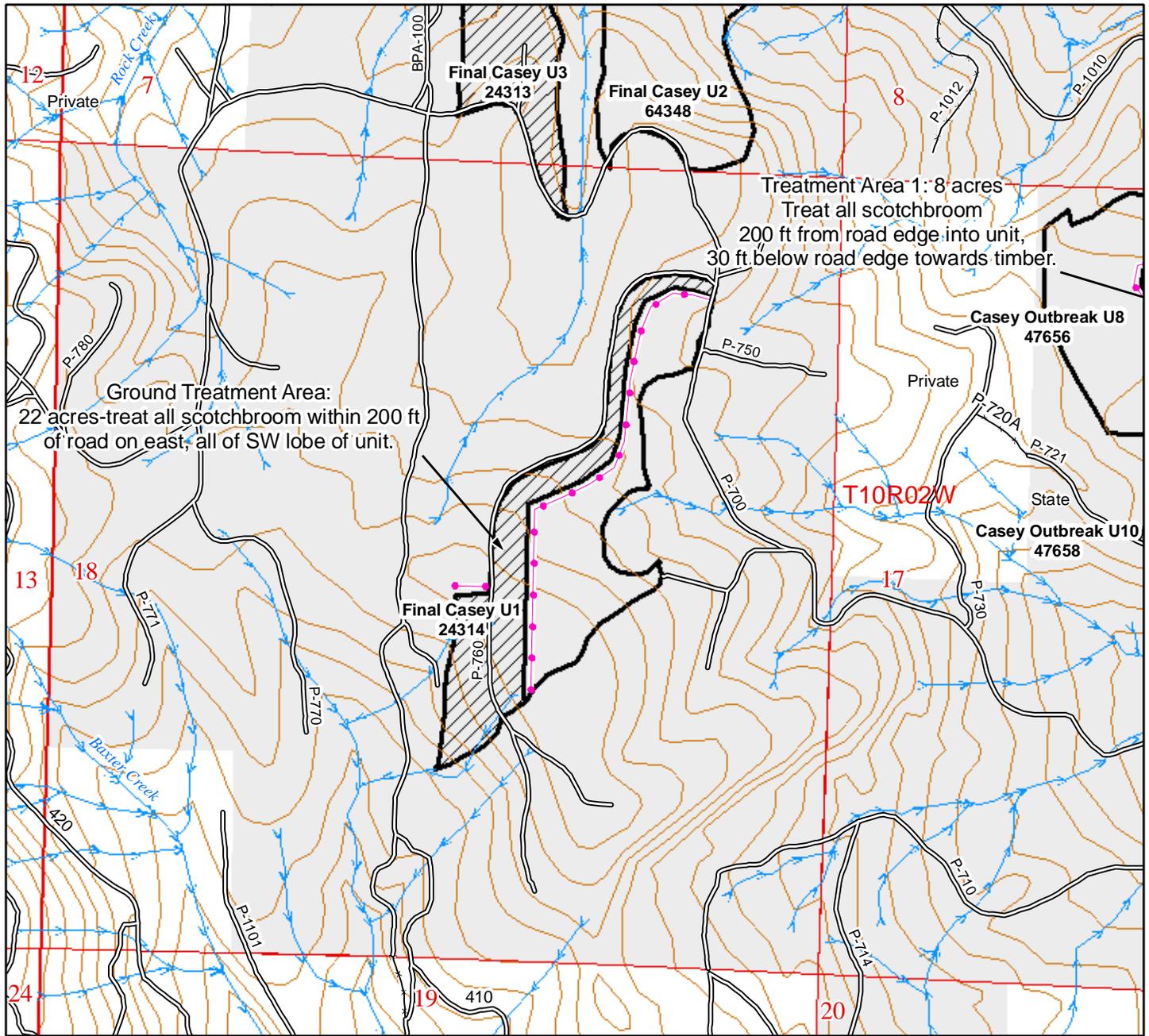
Unit Acres: 46

Item No. A

Unit Name: Final Casey U1

Treatment Acres: 22

Unit No. 31



1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 1200-1350  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2008  
 Herbicide Formulation: 1

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

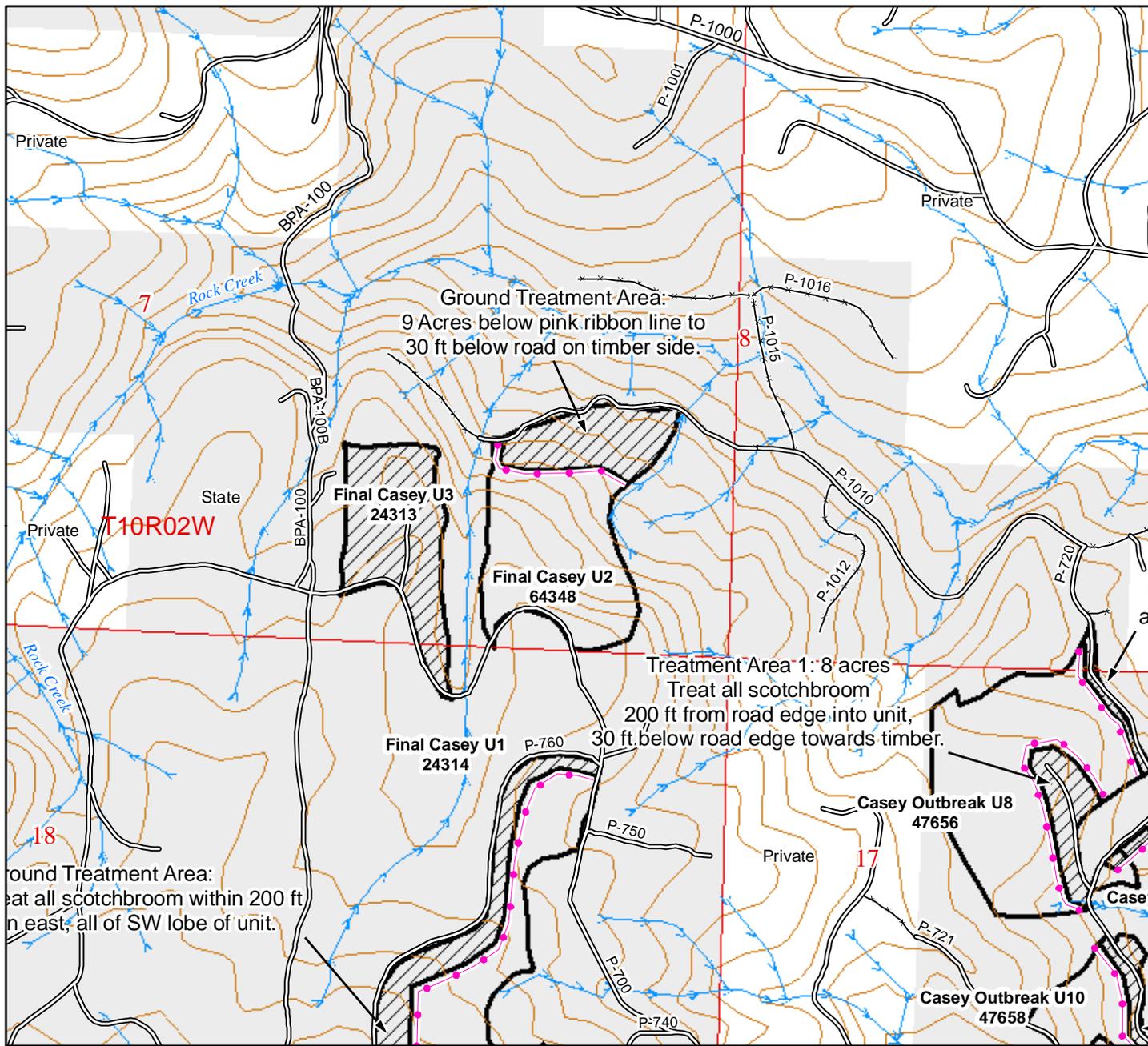
Unit Acres: 31

Item No. A

Unit Name: Final Casey U2

Treatment Acres: 9

Unit No. 32



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 900-1000  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2008  
 Herbicide Formulation: 1

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

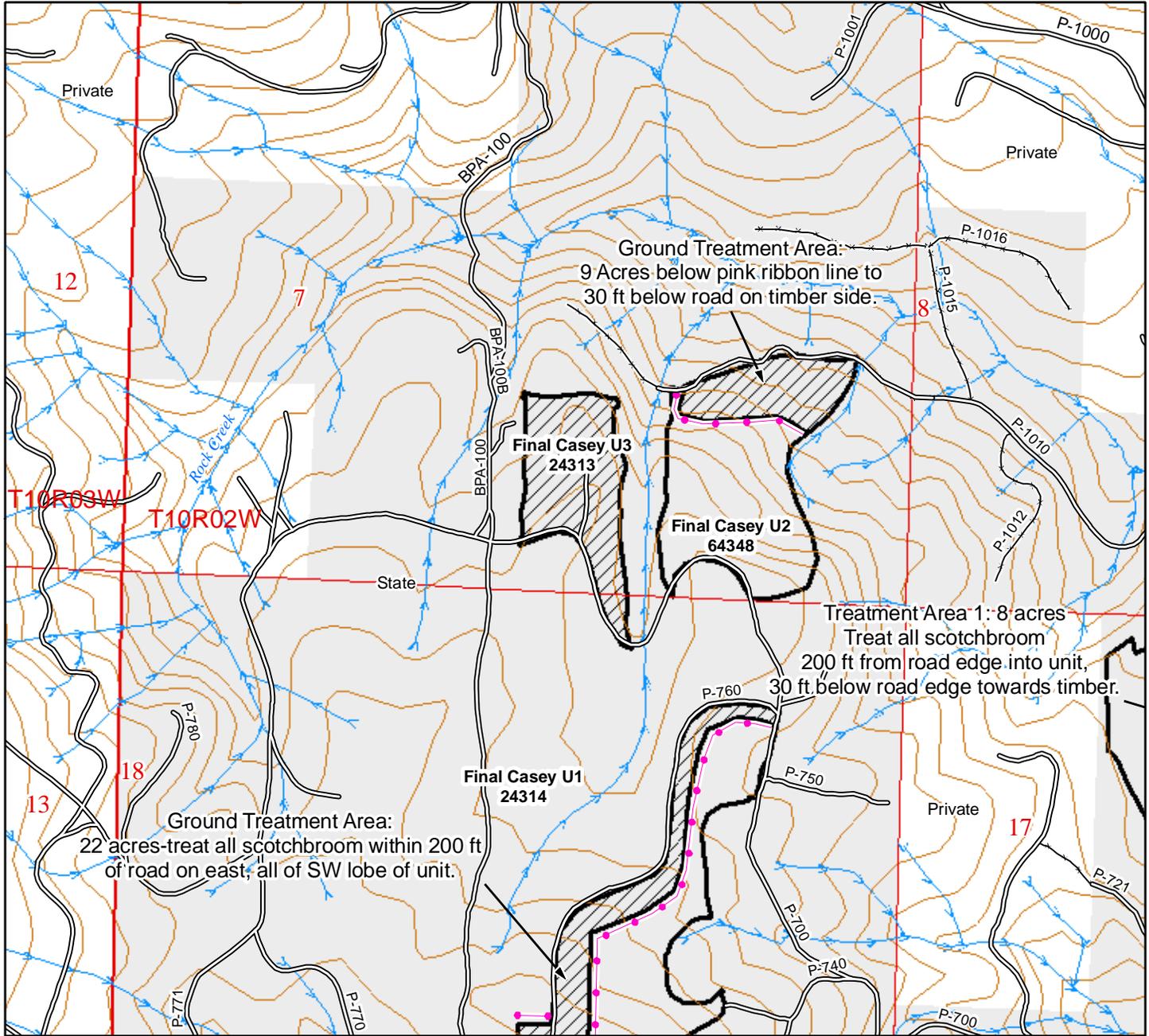
Unit Acres: 16

Item No. A

Unit Name: Final Casey U3

Treatment Acres: 16

Unit No. 33



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 1150-1200  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2008  
 Herbicide Formulation: 1

# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

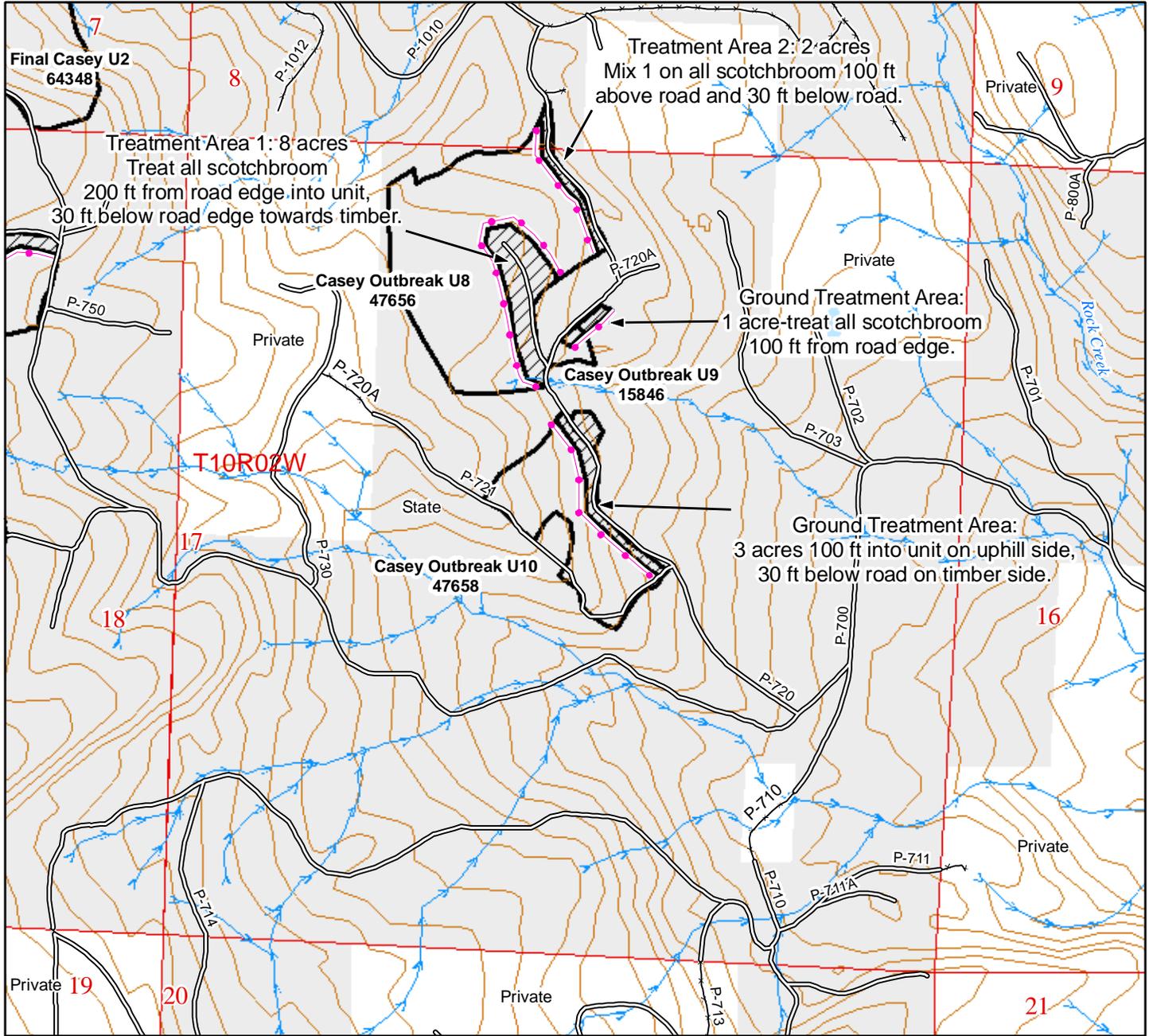
Unit Acres: 15

Item No. A

Unit Name: Casey Outbreak U10

Treatment Acres: 3

Unit No. 34



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 400-500  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2007  
 Herbicide Formulation: 1



# UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1343

Work Unit: St Helens

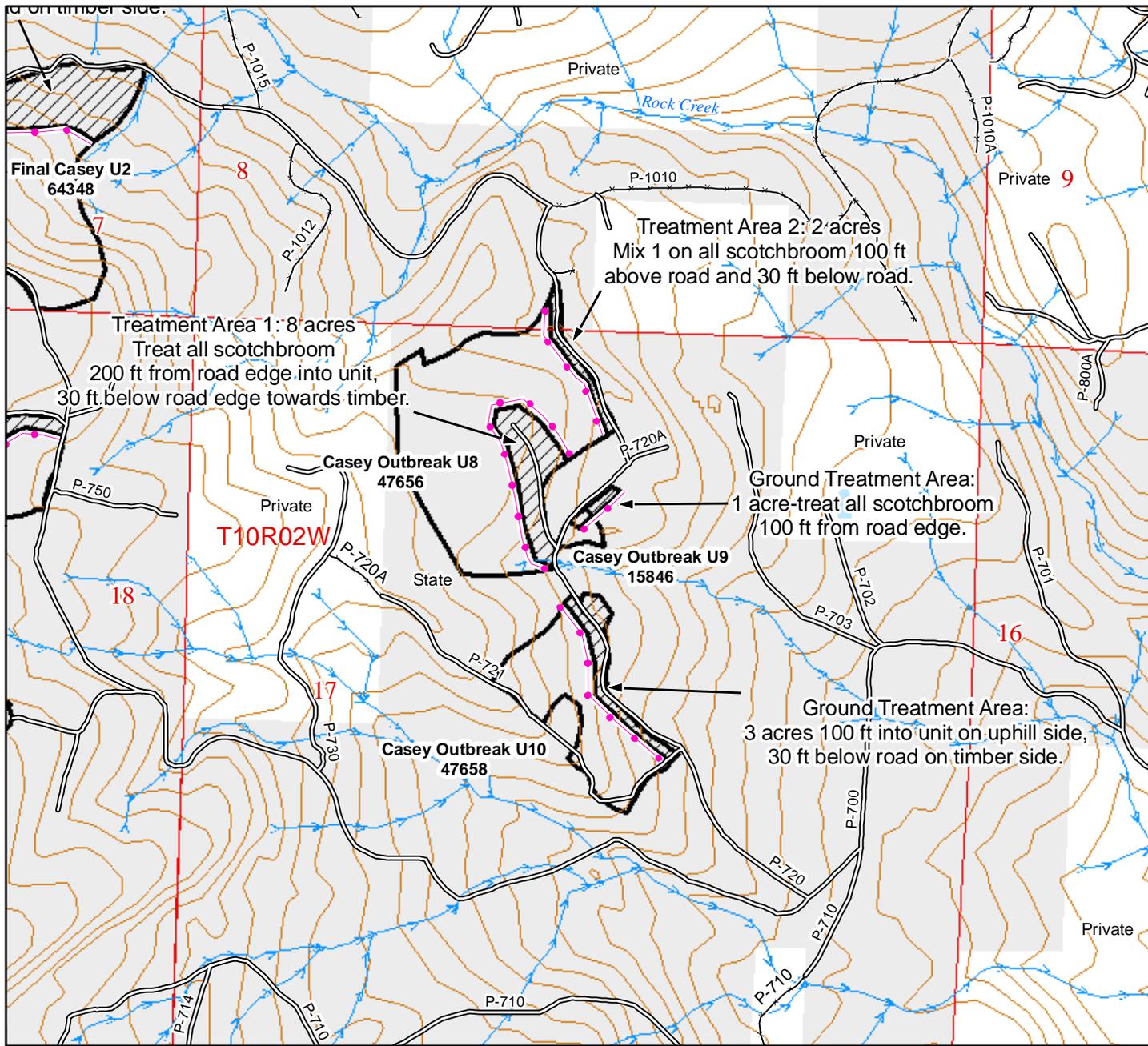
Unit Acres: 1

Item No. A

Unit Name: Casey Outbreak U9

Treatment Acres: 1

Unit No. 36



40' Contours

1:12,000

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | Unit Boundary        |  | Pink Flagging |
|  | Treatment Area       |  | Gate          |
|  | DNR Managed Lands    |  | Tank Trap     |
|  | Existing Roads       |  | Earth Barrier |
|  | Non-Driveable Access |  | Other Barrier |
|  | Trails               |  | Streams       |



Elevation Range: 500-550  
 Gate: No  
 Key:  
 Special Concerns:  
 Year Harvested: 2007  
 Herbicide Formulation: 1

**SECTION IV  
 BID FORM (Page 1 of 2)  
 Item A**

Ground Herbicide

INVITATION TO BID/CONTRACT NUMBER **1343**

Award of contract shall be on an **Item** basis as per Clause 1-42.

At the following rates, the undersigned hereby offers and agrees to furnish materials, equipment, supplies, supervision, and services in compliance with all terms, conditions and specifications of Invitation to Bid/Contract Number **1343**, **A1 – A36**. \* Section IV two pages.

Item No.	Unit No.	Unit Name	Acres	Unit Bid Price Per Acre	Unit Total
A	1	Jolo Island Sort U1	44	\$ _____/Ac	\$ _____
A	2	Jolo Island Sort U2A	24	\$ _____/Ac	\$ _____
A	3	Jolo Island Sort U2B	15	\$ _____/Ac	\$ _____
A	4	Jolo Island Sort U2C	10	\$ _____/Ac	\$ _____
A	5	V200	2	\$ _____/Ac	\$ _____
A	6	Mclane 2008 U3	8	\$ _____/Ac	\$ _____
A	7	Mima Pit	16	\$ _____/Ac	\$ _____
A	8	Vanilla Bean U9	15	\$ _____/Ac	\$ _____
A	9	Fredrickson Rd U7	10	\$ _____/Ac	\$ _____
A	10	Fredrickson Rd U8	20	\$ _____/Ac	\$ _____
A	11	Fredrickson Rd U9	8	\$ _____/Ac	\$ _____
A	12	High Bridge Alder	5	\$ _____/Ac	\$ _____
A	13	Lunar Hardwood U-4	21	\$ _____/Ac	\$ _____
A	14	Lunar HWDS Alder U-4	23	\$ _____/Ac	\$ _____
A	15	Lunar U-4 Conifer	1	\$ _____/Ac	\$ _____
A	16	Oddfellows BD U-1	1	\$ _____/Ac	\$ _____
A	17	American Idol U2	53	\$ _____/Ac	\$ _____
A	18	Penning	31	\$ _____/Ac	\$ _____
A	19	Agren U1	18	\$ _____/Ac	\$ _____
A	20	Agren U1 WRC	5	\$ _____/Ac	\$ _____
A	21	Agren U2 RA	8	\$ _____/Ac	\$ _____
A	22	Agren U2 WRC	1	\$ _____/Ac	\$ _____
A	23	Agren U3	68	\$ _____/Ac	\$ _____
A	24	Alder Ridge U1	2	\$ _____/Ac	\$ _____
A	25	Barnes A Burning U5	4	\$ _____/Ac	\$ _____
A	26	Barnes A Burning U5 WMZ	7	\$ _____/Ac	\$ _____
A	27	Barnes A Burning U7	25	\$ _____/Ac	\$ _____
A	28	Dark Roast U5	11	\$ _____/Ac	\$ _____
A	29	North Fork Mill U1	13	\$ _____/Ac	\$ _____
A	30	South Ax Apart U1	25	\$ _____/Ac	\$ _____
A	31	Final Casey U1	22	\$ _____/Ac	\$ _____
A	32	Final Casey U2	9	\$ _____/Ac	\$ _____
A	33	Final Casey U3	16	\$ _____/Ac	\$ _____
A	34	Casey Outbreak U10	3	\$ _____/Ac	\$ _____

A	35	Casey Outbreak U8	10	\$ _____/Ac	\$ _____
A	36	Casey Outbreak U9	<u>1</u>	\$ _____/Ac	\$ _____
					_____
<b>TOTAL ACRES</b>			<b>Item A</b>	<b>555</b>	<b>TOTAL BID PRICE</b>
					<b>ITEM A</b>

Please limit my total award to a maximum of approximately \_\_\_\_\_ acres.

The business named hereon is certified by the Office of Minority and Women's Business Enterprises and is bidding as a \_\_\_\_\_ owned business. (Enter either minority or woman, if appropriate.)

Firm Name \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_

City and State \_\_\_\_\_

Title \_\_\_\_\_

Phone \_\_\_\_\_

Note:

Detach and return one (1) copy of this form as per Clause 1-22.

<sup>1</sup>An approximate number

<sup>2</sup>Exclusive of Washington State Sales Tax

**SECTION V  
OFFER and CONTRACT AWARD**

**OFFER (For Bidder Use Only)**

On condition of a contract award within sixty (60) days of bid opening and for the bid price the undersigned hereby offers and agrees to furnish materials, equipment, supplies, supervision, and services in compliance with all terms, conditions and specifications of Invitation to **Bid/Contract Number 1343**. Submittal of this document with authorized signature constitutes complete understanding of all terms and conditions. And further, submittal of this document constitutes acceptance of an agreement to comply with all terms and condition of the contract if awarded, and verifies that all goods and services will be available throughout the contract period.

\_\_\_\_\_  
(Company Name)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City) (State) (Zip)

\_\_\_\_\_  
(UBI No.)

\_\_\_\_\_  
(L & I Industrial Insurance Account No.)

\_\_\_\_\_  
(Farm Labor Contractor License No.)

\_\_\_\_\_  
(Federal I.D. No. or Social Security No.)

\_\_\_\_\_

By: \_\_\_\_\_  
(Signature) (Date)

\_\_\_\_\_  
(Typed or Printed Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(phone No.)

**CONTRACT AWARD (For Dept. of Nat. Resources Use Only)**

Contract Number **1343** is hereby awarded and executed between \_\_\_\_\_ and the State of Washington, Department of Natural Resources, to be effective \_\_\_\_\_, 2012. This award is for Item Number(s) \_\_\_\_\_.

State of Washington,  
Department of Natural Resources

By: \_\_\_\_\_  
(Signature) (Date)

Eric Wisch  
Pacific Cascade Region Manager

NOTE: Detach and return this form per clause 1-22.



**CONTRACTOR'S DECLARATION of  
INDUSTRIAL INSURANCE STATUS**

INVITATION TO BID NUMBER       1343      

The undersigned represents that they operate as \_\_\_ an individual, as \_\_\_ a partnership, or as \_\_\_ a corporation incorporated in the State of \_\_\_\_\_. The undersigned further certifies that they \_\_\_ will, \_\_\_ will not, be assisted by other individuals in the performance of this contract.

For the purpose of Industrial Insurance premiums payable to the Department of Labor and Industries, every individual in a partnership or joint venture must sign this bid sheet. Individuals not signing the bid sheet but assisting with the contract work will be considered workers for the purpose of Industrial Insurance except at the express approval of the Department of Labor and Industries.

Firm Name _____	Labor & Industries Account # _____
Signature _____	Washington Business License # _____
Title _____	Additional Signatures _____
Address _____	_____
City and State _____	_____
Business Phone _____	_____
Home Phone _____	_____

To whom it may concern:

This is to advise persons engaged in contracting forest activities of their liabilities under the mandatory provisions of the Industrial Insurance Act, Title 51 RCW.

The law provides benefits for a worker, injured in the course of his employment, or his family or dependents in case of death of the worker.

Worker is defined in the law as every person employed by an employer or every person working under an independent contract, the essence of which is that person's personal labor.

As one who contracts to perform forest activities you may require the assistance of other individuals to complete these contracts. If such is the case you are required to establish an industrial insurance account with the Department of Labor and Industries and pay the prescribed premium on behalf of your workers.

In the event you obtain the assistance of another person or persons to perform work in connection with your contract, regardless of the circumstances, you should contact the Department of Labor and Industries at one of its statewide service locations or its Olympia headquarters in the General Administration Building. You will then be provided with the necessary information regarding opening an account, premium rates, and reporting requirements.

The law also provides that any agency or firm that lets a contract is liable for payment of industrial insurance premiums should the contractor fail to do so. The agency or firm may also withhold money due the contractor to insure payment of premium. Consequently, failure to comply with the above requirements could delay payment of retained funds.

Note:

Return one (1) copy of this form as per Clause 1-45.

RES 55-3513 (6/84)