



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

INVITATION TO BID: GROUND HERBICIDE CONTRACT

You are invited to bid on the following Ground Herbicide Contract and are advised to examine the Units prior to bidding. The implied warranty of fitness for a particular purpose, and all other warranties, express or implied, are excluded. For example, the Department of Natural Resources (DNR) does not warrant the acreage for each unit. Any acreage descriptions appearing in each contract are estimates only, solely for administrative and identification purposes.

The Draft contract is attached to this invitation.

Contract #	# Acres	# Units	Location (Counties)	Comments
1452	978	50	Clark	879 acres site prep
			Cowlitz	99 acres release
			Wahkiakum	15 acres broadcast release
			Lewis	84 acres directed basal release
			Skamania	

BID PROCEDURES

Bid Delivery

The bidder shall prepare one complete bid form for each contract, available in Section III of the draft contract. Each bid shall be delivered to the DNR's Region Office in its own envelope marked "Sealed Bid" and addressed to the DNR's Region Manager as specified below.

If multiple bids are submitted by one bidder, those sealed bids can be submitted inside a single envelope.

No facsimiled, e-mailed, or other non-original form of bids will be considered by the DNR.

Bids will be accepted until 3:00 P.M. on Tuesday 7/30/2013.

Questions pertaining to this Invitation to Bid can be answered by contacting Chris Rasor at 360-880-8288 (cell) or Chris.Rasor@dnr.wa.gov (e-mail). Oral explanations, interpretation, or instructions given before the award will not be binding.

Bid Contents

Each bid shall include all five of the following items:

- 1) Bid Form (Section III-A of the draft contract),
- 2) Contractor's Declaration of Industrial Insurance Status (Section III-B of the draft contract);
- 3) Solicitation to Offer (Section III-C of the draft contract);
- 4) Photocopy of Washington State Farm Labor Contractors License; and
- 5) Bid deposit

All documents must be legible and properly completed.

Each sealed bid envelope should be prepared in the following manner:

Addressed to: Eric Wisch, Region Manager
Attn: Chris Rasor, Reforestation Coordinator
Washington State Department of Natural Resources
Pacific Cascade Region
P.O. Box 280 –Mailing Address
601 Bond Road - Physical Address –Gate Hours 8:00 A.M. – 4:30 P.M.
Castle Rock, WA 98611

Upper left corner: Bidder's Name
Bidder's Address

Lower left corner: Ground Herbicide – “Sealed Bid”
Invitation to Bid on Contract Number: 1452
Attn: Chris Rasor

Bid Form Requirements

Bids must be submitted on the Bid Form (Section III-A) attached to the draft contract. The following information must be entered on the Bid Form:

- 1) Bids should include all costs related to the completion of the Work.
- 2) A Unit Bid Price and a Unit Total must be entered for all of the Units in the contract. All Unit Totals for the contract must be summed and entered as the Contract Price. In the event of a difference between the sum of all Unit Totals and the Contract Price, the individual Unit Totals shall prevail.
- 3) All Bid Forms (Section III-A) must be signed in ink. If the bid is made by a corporation, it shall be signed by the corporation's authorized designee. Incomplete or unsigned bids may be rejected.

Offer to Contract

Your Invitation to Bid is a solicitation to offer to contract with the DNR. All bids shall remain firm for a period of 60 calendar days after the bid opening.

Your bid becomes part of a contract if it is officially awarded by the DNR with a contract award letter.

Bid Deposit

A bid deposit of ONE THOUSAND DOLLARS (\$1,000) is required. This deposit is for the purpose of assuring the DNR that the bidder will accept award of any contract on which the bidder is the lowest responsible bidder.

The bid deposit must be in the form of certified check made payable to the Washington State Department of Natural Resources and include a reference to **contract number 1452**. The bid deposit must be delivered to the DNR's Region Office with the delivery of the bid.

The bid deposit of a bidder awarded the contract will be released when the performance/damage deposit has been approved, or the bid deposit may be converted to apply to part or all of the required performance/damage deposits after contract award.

After DNR and the lowest responsible bidder sign the contract, bid deposits will be returned to all unsuccessful bidders. In the event the bidder rejects award of any contract included in this Invitation to Bid, the bidder will forfeit the bid deposit.

Bidder Insurance

All insurance and surety bonds should be issued by companies admitted to do business within the State of Washington and have a rating of A-, Class VII or better in the most recently published edition of Best's Reports. Any exception shall be reviewed and approved by DNR's risk manager before the contract is accepted. If an insurer is not admitted, all insurance policies and procedures for issuing the insurance policies must comply with Chapter 48.15 RCW and 284-15 WAC.

Bid Opening

At the time and date specified in the bid delivery clause above, all bids will be opened and read aloud. Individuals who wish to request special accommodations for the bid opening (e.g., sign language, interpreters, Braille, etc.) should contact the Pacific Cascade Region office (360-577-2025) ten (10) working days prior to the scheduled bid opening.

Withdrawal of Bid

A bidder's authorized representative may withdraw a bid in person before the opening of any one of the bids. Bidder's representative(s) will be required to show photo identification and sign on the bid summary sheet before the bid will be released.

Rejection of Bids

To be considered, bids must conform to the above requirements, except that the DNR may waive informalities and minor irregularities in bids received. The DNR reserves the right to reject any or all bids received.

Lowest Responsible Bidder

Award of the contract shall be to the lowest responsible bidder as determined by the DNR. In determining the lowest responsible bidder, in addition to price, the following may be considered: (a) the bidder's ability, capacity, and skill to perform the contract; (b) the bidder's character, integrity, reputation, judgment, experience, and efficiency; (c) whether the bidder can perform the contract within the time specified; (d) the quality of the bidder's previous contract performance with the DNR; and; (e) the bidder's previous and current compliance with all laws. The DNR's determination that a bidder is not qualified may result in rejection of the bid submitted.

Any bidder who, within the last two years of the start date of this contract, has had unsatisfactory performance resulting in the termination of a DNR silviculture contract, will not be considered a responsible bidder unless

the bidder provides government or forest industry references demonstrating acceptable performance on at least one contract with a minimum of 800 acres of like work (same activity as they are bidding on) since the time of the aforementioned termination. DNR reserves the right to contact references and make its own judgment regarding their reliability. DNR will review situations on a case-by-case basis, and encourages interested bidders to contact DNR with any questions before the specified bid opening.

Award Letter

The DNR makes every effort to mail an award letter with instructions and a copy of the executed contract to the successful bidder within fifteen (15) business days of bid opening.

Conditions on Award

Within ten (10) business days after the bidder receives their award letter, the DNR must receive the performance and damage deposit and insurance certificate at the DNR's Region Office. The Contract Manager specified in the contract may extend this time upon written request.

If the bidder fails to submit the above items within the time specified, the DNR may consider the contract award rejected, in which case the bidder will forfeit the bid deposit.

Right to Amend Invitation to Bid

The DNR reserves the right to amend this Invitation to Bid, in which case DNR will notify all known bidders prior to bid opening.

Registration with the Office of Financial Management

Payments on this Invitation to Bid can only be paid out to contractors who are registered with the Office of Financial Management (OFM) <http://www.ofm.wa.gov/isd/vendors.asp>.

Please follow the link for instructions on how to register, or contact OFM at:

Statewide Payee Desk
P.O. Box 43113
Olympia, WA 98504-3113
Phone: 360-664-7779

Special Remarks

- Term of contract: 8/5/2013 to 9/27/2013.
 - Site preparation units (879 acres): 8/5/2013 to 9/13/2013
 - Broadcast release units (15 acres): 9/9/2013 to 9/27/2013
 - Directed basal release units (84 acres): 8/5/2013 to 9/27/2013
- Timing restrictions: No work will be allowed on weekends or the following state Holidays without written approval by the Compliance Forester: Monday, September 2, 2013.
- Access: Please note any listed walk-in units or closed/blocked roads on the unit maps and unit description. Bidders are encouraged to preview the work units prior to bidding to verify access and conditions.
- Keys, temporary Discover Pass, and large vicinity maps with highlighted driving routes are available for pick up at the Pacific Cascade Region office prior to previewing units.



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

Pacific Cascade Region

Contract Number #1452

Contract Digest: GROUND HERBICIDE

- Definitions

SECTION I – CONTRACT CLAUSES

- A. General Provisions
- B. Specifications for the Activity
- C. Compliance Inspection and Payments

SECTION II – MAPS AND UNIT INFORMATION

- A. Unit Descriptions
- B. Unit Maps

SECTION III – FORMS FOR BIDDER TO COMPLETE

- A. Bid Form
- B. Contractor's Declaration of Industrial Insurance Status
- C. Solicitation to Offer

DEFINITIONS

- A. **'Compliance Forester'** means DNR staff that performs the compliance inspections, approves Work, recommends payment to the Contract Manager, and manages the Work Schedule.
- B. **'Contract Manager'** means DNR staff that processes this Contract, makes payments, provides and facilitates dispute resolution, provides technical advice to the Compliance Forester, and is the first point of contact for questions relating to this Contract or interpretation of Work. The Contract Manager may perform the duties of the Compliance Forester.
- C. **'Contractor'** means the bidder who was awarded this Contract.
- D. **'DNR'** means The Department of Natural Resources of the State of Washington, acting through an authorized employee.
- E. **'Designated Contract Representative(s)'** means those individuals designated by Contractor on the Pre Work form during the Pre Work Conference (A-18, A-19).
- F. **'Force Majeure'** means those acts that are unforeseeable and beyond the control of either party to the Contract. Acts of Force Majeure include, but are not limited to: acts of God, the public enemy, fire, or other casualty. Force Majeure may result in an equitable adjustment in the time period to complete the Contract.
- G. **'Pre-Work Conference'** is the meeting between DNR and Contractor after award of the contract is made but prior to commencement of work. Items agreed upon in this meeting are signed off by both DNR and Contractor and become part of the contract.
- H. **'Region Manager'** means the designated DNR staff person responsible for managing the affairs of DNR in designated large geographic areas. The Region Manager may perform the duties of the Contract Manager.
- I. **'Unit'** is the individual geographical area that the Work is to be done on. Each unit is specifically identified by number on the Bid Form (Section III), the Unit Description, and corresponding Unit Map (Section II).
- J. **'Unit Bid Price'** is the rate per acre or per 1000 trees written in the Unit Bid Price column of the bid form (Section III Bid Form).
- K. **'Unit Total'** is the total amount (in dollars) that Contractor agrees to be paid for each Unit, written in the Unit Total column of the Bid Form (Section III-A).
- L. **'Work'** means the services Contractor is required to satisfactorily complete this Contract found in Section I Specifications for the Activity and Section II Unit Description.
- M. **'Work Schedule'** means the approved timeline for how the requirements of this contract will be fulfilled by Contractor. The Work Schedule is agreed upon during the Pre-Work Conference by both DNR and Contractor.

SECTION I-A: GENERAL PROVISIONS

A-01 Contractor's Warranty

Contractor warrants that it has had an opportunity to fully inspect the contract area and enters this contract based upon its own judgment of the costs of performing the Work, formed after its own examination and inspection. Contractor also warrants to DNR that it enters this contract without any reliance upon the acreage, pre-bid documentation, or any other representation by DNR, including but not limited to:

- A. Conditions bearing upon transportation, disposal, handling, and storage of materials;
- B. Availability of labor, water, electric power, and road;
- C. Uncertainties of weather, river stages, tides, or similar physical conditions at the Unit(s);
- D. The confirmation and conditions of the ground;
- E. Seasonal conditions that may affect the timing and use of materials needed for the Work;
and
- F. The character of equipment and facilities needed to complete the Work.

Any failure of Contractor to take the actions described in this Clause will not relieve Contractor from responsibility for properly estimating the cost of completing this contract.

A-02 Modifications

Waivers, modifications, or amendments of the terms of this contract must be in writing signed by Contractor and DNR to become effective.

A-03 Contract Complete

This contract is the final expression of the parties' agreement. There are no understandings, agreements, or representations, expressed or implied, which are not specified in this contract.

A-04 NOT APPLICABLE

A-05 Scope of DNR Advice

No advice by any agent, employee, or representative of DNR regarding the method or manner of performing shall constitute a representation or warranty that said method, manner or result thereof will conform to the contract or be suitable for Contractor's purposes under the contract.

Contractor's reliance on any DNR advice regarding the method or manner of performance shall not relieve Contractor of any risk or obligation under the contract. Contractor retains the final responsibility for its operations under this contract and DNR shall not be liable for any injuries resulting from Contractor's reliance on any DNR advice regarding the method or manner of performance.

A-06 Performance Security

Contractor agrees to furnish, within ten (10) business days of receipt of the award letter, security in the amount of **10% of the contract price from SECTION III-A BID FORM**. The security shall be in the form of certified check or cashiers' check made payable to the Washington State Department of Natural Resources, an irrevocable letter of credit, or a savings account assignment.

A letter of credit must comply with Title 62A RCW, Article 5. This security guarantees performance of this contract and payment of any damages resulting from Contractor's noncompliance with any contract provisions, negligent or imprudent actions, or the law. Performance security must remain in full force over the duration of the contract. In the event DNR needs to utilize the security, Contractor may be required to replace the portion(s) utilized within five (5) business days of receiving written notice from DNR. Contractor shall not operate unless the performance security has been accepted by DNR. If at any time DNR decides that the security document or amount has become unsatisfactory, Contractor agrees to suspend operations and, within 30 days of notification, to replace the security with one acceptable to DNR or to supplement the amount of the existing security.

A-07 Contract Modification or Cancellation

The Region Manager reserves the right to modify or cancel this contract in part or whole without cause. Contractor shall be paid only for Work performed satisfactorily prior to cancellation of the contract.

A-08 Attachments

The following attached documents are hereby incorporated by reference:

- A. Contractor Work Schedule
- B. Pre-Work Conference Form

A-09 Compliance with all Laws

Contractor shall comply with all laws and regulations of the United States, State of Washington, and counties where the Work is located. Contractor will make any payments, contributions, remittances, and reports or statements required under those laws.

A-10 Licenses and Permits

Contractor shall, without additional expense to DNR, obtain all required licenses and permits necessary for executing the contract.

A-11 Indemnity

To the fullest extent permitted by law, Contractor shall indemnify, defend and hold harmless DNR and all officials, agents and employees of DNR, from and against all claims arising out of or resulting from the performance of the contract. "Claim" as used in this contract means any financial loss, claim, suit, action, damage, or expense, including but not limited to attorneys' fees, attributable for bodily injury, sickness, disease or death, or injury to or destruction of tangible property including loss of use resulting therefrom. Contractor's obligations to indemnify, defend, and hold harmless includes any claim by Contractor's agents, workers, or representatives. Contractor expressly agrees to indemnify, defend, and hold harmless DNR for any claim arising out of or incident to Contractor's performance or failure to perform the contract. Contractor's obligation to indemnify, defend, and hold harmless DNR shall not be eliminated or reduced by any actual or alleged concurrent negligence of DNR or its agents, agencies, employees and officials. Contractor waives its immunity under Title 51 RCW to the extent it is required to indemnify, defend and hold harmless DNR and its agencies, officials, agents or employees.

A-12 Insurance

Contractor shall, at all times during the term of this contract at its cost and expense, buy and maintain insurance of the types and amounts listed below. Failure to buy and maintain the required insurance may result in the termination of the contract at DNR's option.

All insurance and surety bonds should be issued by companies admitted to do business within the State of Washington and have a rating of A-, Class VII or better in the most recently published edition of Best's Reports. If an insurer is not admitted, all insurance policies and procedures for issuing the insurance policies must comply with Chapter 48.15 RCW and 284-15 WAC.

DNR shall be provided written notice before cancellation or non-renewal of any insurance referred to therein, in accord with the following specifications:

- A. Insurers subject to Chapter 48.18 RCW (admitted and regulated by the Insurance Commissioner):** The insurer shall give DNR 45 days advance notice of cancellation or non-renewal. If cancellation is due to non-payment of premium, DNR shall be given ten (10) days advance notice of cancellation.
- B. Insurers subject to Chapter 48.15 RCW (surplus lines):** DNR shall be given 20 days advance notice of cancellation. If cancellation is due to non-payment of premium, DNR shall be given ten (10) days advance notice of cancellation.

Before starting work, Contractor shall furnish DNR with a certificate(s) of insurance, executed by a duly authorized representative of each insurer, showing compliance with the insurance requirements specified and, if requested, copies of policies to DNR. The certificate of insurance shall reference the State of Washington, Department of Natural Resources, and the **contract number 1452**.

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, umbrella, and property insurance policies.

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 DNR.

Contractor waives all rights against DNR for recovery of damages to the extent these damages are covered by general liability or umbrella insurance maintained pursuant to this contract.

If Contractor is self-insured, evidence of its status as a self-insured entity shall be provided to DNR. If requested by DNR, Contractor must describe its financial condition and the self-insured funding mechanism.

By requiring insurance herein, DNR 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 and reimbursements granted to State in this contract.

The limits of insurance, which may be increased by DNR, as deemed necessary, shall not be less than as follows:

- A. Commercial General Liability (CGL) Insurance:** Contractor shall maintain general liability (CGL) insurance covering claims for bodily injury, personal injury, or property damage arising on the property and/or out of Contractor's operations and, if necessary, commercial umbrella insurance with a limit of not less than \$1,000,000 per each occurrence. If such CGL insurance contains aggregate limits, the General Aggregate limit shall be at least twice the "each occurrence" limit. CGL insurance shall have products-completed operations

aggregate limit of at least two times the “each occurrence” limit.

CGL insurance shall be written on Insurance Services Office (ISO) occurrence form CG 00 01 (or a substitute form for providing equivalent coverage). All insurance shall cover liability arising out of premises, operations, independent contractors, products completed operations, personal injury and advertising injury, and liability assumed under an insured contract (including the tort liability of another party assumed in a business contract), and contain separation of insured (cross liability) condition.

B. Employer’s Liability (“Stop Gap”) Insurance: Contractor shall buy employer’s liability insurance, and, if necessary, commercial umbrella liability insurance with limits not less than \$1,000,000 for each accident for bodily injury by accident or \$1,000,000 for each worker for bodily injury or disease.

C. Business Auto Policy (BAP): Contractor shall maintain business auto liability and, if necessary, commercial umbrella liability insurance with a limit not less than \$1,000,000 per accident. Such insurance shall cover liability arising out of “Any Auto.” Business auto coverage shall be written on ISO form CA 00 01, or substitute liability form providing equivalent coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage and cover a “covered pollution cost or expense” as provided in the 1990 or later editions of CA 00 01. Contractor waives all rights against DNR for the recovery of damages to the extent they are covered by business auto liability or commercial umbrella liability insurance.

D. Workers’ Compensation Coverage: Contractor shall comply with all State of Washington workers’ compensation statutes and regulations. Coverage shall include bodily injury (including death) by accident or disease, which exists out of or in connection with the performance of this contract. Except as prohibited by law, Contractor waives all rights of subrogation against DNR for recovery of damages to the extent they are covered by workers’ compensation, employer’s liability, commercial general liability, or commercial umbrella liability insurance.

If Contractor fails to comply with all state of Washington workers’ compensation statutes and regulations and DNR incurs fines or is required by law to provide benefits to or obtain coverage for such workers, Contractor shall indemnify DNR, consistent with Clause A-11, above.

A-13 Safety Compliance

Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the performance of the Work.

- A. During the contract performance, Contractor shall protect the lives and health of workers performing the Work and other persons who may be affected by the Work and prevent damage to property at the Unit or adjacent to it. Contractor shall comply with all applicable laws, ordinances, rules, regulations, and orders of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection.
- B. In an emergency affecting the safety or life of its workers or adjoining property, Contractor is responsible to act to prevent such threatened loss or injury. Within 24 hours of any emergency, Contractor shall notify the Compliance Forester. Contractor shall prepare an

incident report and submit it to DNR's Region Manager within five (5) business days following an emergency if directed to do so by the Compliance Forester.

- C. The Compliance Forester reserves the right to shut down the Work area when any condition of imminent danger is present. The Work area will remain shut down until the danger has been removed by Contractor.

A-14 Venue

Disputes arising under this contract shall be brought in the State of Washington and the venue shall be Thurston County.

A-15 Dispute Resolution

Before initiating any litigation over the terms of this contract, Contractor commits to the following process:

- A. Any concerns or disputes which Contractor has relating to this contract shall first be brought to the attention of the Compliance Forester.
- B. If the Compliance Forester is unable to resolve the dispute to Contractor's satisfaction, Contractor will notify the Contract Manager in writing of its dispute with specificity. The Contract Manager will review and provide a written suggestion for resolution within ten (10) business days.
- C. If Contractor is not satisfied with the Contract Manager's response, it will notify the Region Manager in writing of its dispute. The Region Manager will review and set a meeting with Contractor within fifteen (15) business days, unless Contractor agrees to a longer period. After the meeting, the Region Manager will provide a written response.

A-16 Subcontracting

Contractor shall not enter into any subcontract or assignment of this contract.

A-17 Nondiscrimination

During the performance of this contract, Contractor shall comply with all federal and state nondiscrimination laws, regulations, and policies.

In the event of Contractor's noncompliance or refusal to comply with any nondiscrimination law, regulation, or policy this contract may be rescinded, canceled, or terminated in whole or in part, and Contractor may be declared ineligible for further contracts with DNR. Contractor shall, however, be given a reasonable time in which to cure this noncompliance.

A-18 Pre-Work Conference

Contractor shall attend a Pre-Work Conference before beginning Work. The Compliance Forester will notify Contractor of the time and place of the Pre-Work Conference.

A-19 Purpose of the Pre-Work Conference

The purpose of the Pre-Work Conference is for DNR and Contractor to agree upon and document the following on the Pre-Work Conference Form:

- A. Name(s) and contact information for Contractor and Designated Contract Representative(s), including all personnel authorized to sign Unit completion forms and payment invoices;

- B. Names(s) and contact information for the Contract Manager and Compliance Forester(s);
- C. The Contractor Work Schedule for this contract;
- D. Time interval(s) at which Units will be processed for payment; and
- E. Clarification of any unique requirements or conditions of the Work within this contract prior to commencing Work.

A-20 Work Delay

Contractor shall promptly notify the Compliance Forester of any actual or anticipated event which is delaying or could delay the Work Schedule, including the expected duration of the delay, the anticipated effect of the delay on the schedule, and the action being or to be taken to get back on schedule. The notification does not relieve Contractor of its obligation to complete the Work within the time required by this contract.

A-21 Non-conformances with Work Schedule

If Contractor is not in conformance with the Work Schedule for reasons other than acts of Force Majeure, Contractor shall bring its activities into conformance with the schedule or request the Compliance Forester to revise the schedule to reconcile with the actual progress of the Work. The Compliance Forester may require a meeting prior to granting a revision. A revision to the Work Schedule for one Unit shall not change the timing for any other Unit unless expressly authorized. In the event Contractor stops Work or if the initial start-up is delayed for a period of one (1) week or more, a new Pre-Work Conference may be required.

A-22 Work Days

Work shall only proceed on regular Monday through Friday work days. Work on weekends or on designated State holidays requires written permission from the Compliance Forester. No work will be allowed the following State Holiday: Monday September 2, 2013.

A-23 Breach of Contract

Contractor's unsatisfactory performance of contract requirements shall constitute breach of contract. DNR may require reworking of portions of Unit(s), or withhold funds from the performance security.

A-24 Default of Contract

Contractor's breach of contract or failure to comply with the Work Schedule may lead to default of contract. If DNR determines that the contract is in default, it may exercise its right to terminate the contract, with forfeiture of performance security, and/or make a claim for damages.

A-25 Washington State Forest Fire Protection Requirements

Contractor and workers shall be familiar with the Washington State Forest Fire Protection Requirements and adhere to them. These requirements are found in:
[Revised Code of Washington Chapter 76.04](#)

A-26 Inspection

DNR may inspect the Units for adherence to regulations and presence of fire tools. Any inspections by DNR shall not limit Contractor's liability for failure to adhere to applicable regulations.

A-27 Spark Arresters

All of Contractor's spark emitting engines will be equipped with spark arresters.

A-28 Open Fires

Contractor shall not build any open fires at any time of the year in the contract area without first obtaining written permission from the Compliance Forester.

A-29 Removal of Merchantable Products

Contractor is prohibited from removing merchantable or potentially merchantable products from the Units. A separate agreement or contract with DNR is required for removal of Christmas trees, boughs, brush pickings, decorative shrubs or trees, firewood, poles, posts and other merchantable or potentially merchantable material.

A-30 Garbage

Contractor shall dispose of garbage brought onto DNR lands in garbage disposal areas meeting all state, county, and local requirements. Garbage includes materials used for equipment maintenance, abandoned equipment, containers, and other expended materials.

A-31 Camping

Contractor is prohibited from using or authorizing its workers to camp on DNR managed lands outside of designated camp grounds.

A-33 Term of Contract The term of this contract is from 8/5/2013 to 9/27/2013. Broadcast Waving Wand Units must be completed per the timing specified in the unit description Section II-A titled: Additional Treatment Requirements to minimize injury to planted seedlings. The contract shall not be extended without written permission from the DNR Region Manager.

SECTION I-B: SPECIFICATIONS FOR THE ACTIVITY

Contractor shall transport, mix, and apply herbicide to all Units according to the specifications of this section and as identified on the Unit Description Form.

B-01 Workers, Supervision, Equipment, and Materials

Contractor shall provide all of the following:

- A. A minimum crew size of 10 workers, and a maximum crew size of 14 workers, unless otherwise approved by the Compliance Forester;
- B. Adequate crew supervision, including at least one qualified non-spraying, English speaking foreperson per crew, unless otherwise allowed by the Compliance Forester. The foreperson must have one season (at least three (3) months) of spraying experience. Documentation of a foreperson's experience shall be provided to DNR upon request;
- C. A licensed Commercial Operator or Applicator in the Work area when herbicide is being applied.
- D. Transportation for all workers, equipment, and materials to the Units.
- E. Serviceable equipment to satisfactorily accomplish treatment of acres described in the Unit Description.
- F. All safety equipment needed to meet all legal requirements for the Work.
- G. All approved herbicides for the Work and carrier as specified in the Unit Description(s).
- H. Liquid coloring agent if specified in the Unit Description(s). Liquid coloring agent shall be "BullsEye" (blue) manufactured by Milliken Chemicals; an equivalent product may be substituted if approved in writing by DNR.

Contractor shall bear all costs of operation not specifically furnished by DNR.

B-02 Herbicide Application Requirements

Contractor shall be responsible for all of the following:

- A. Mixing and applying herbicide on site as per the Unit Description(s).
- B. Upon request, providing a sample of the herbicide solution being applied as treatment and a current calibration log for all equipment used on the contract.
- C. Keeping written English language records of each day's application work, including the specific location of areas treated with herbicide and the method of placement. The records to be kept shall be as per DNR's "Chemical Application Record". Contractor shall provide DNR with such records prior to payment for Work completed, or at any time earlier if requested by DNR.
- D. Keeping herbicide from contacting conifer trees for all directed release units.

- E. Marking treatment strips, spots, stems, or clumps with colored flagging or as specified in Unit Description(s).
- F. Properly disposing of all herbicide solutions, residues and empty containers in accordance with applicable laws.
- G. Refraining from applying herbicide to DNR designated buffer area.
- H. Immediately removing any debris or soil deposited in ditches, culverts, or roadways.
- I. Avoiding any activities that will result in excessive deterioration of ditches, culverts, or roadways.

B-02 Boundaries

The boundaries depicted on the Unit Maps (Section II-B) delineate the Work area. Contractor is responsible for completing all Work to boundaries. The spray boundaries will consist of easily identifiable features (including but not limited to roads, streams, or abrupt changes in forest type or age). Flagging will be used for areas where identifiable features are absent as specified on the applicable Unit Map. Contractor is responsible for understanding the location of all boundaries. Failure to complete Work to boundaries in any Unit renders Work in that Unit incomplete, and no payment will be made to Contractor for any Work on that Unit. No payment will be provided for Unit(s) with Work that extends beyond Unit boundaries. Work extending beyond Unit boundaries will be considered breach of contract. See Clause A-23, above.

B-03 Contractor Safety Responsibilities

In addition to the Safety Compliance requirements identified in Clause A-13, Contractor is responsible for initiating, maintaining, and supervising the additional safety precautions below, and ensuring that workspaces and materials meet the following requirements in connection with the performance of the work.

- A. Contractor shall maintain an accurate record of exposure data on all incidents relating to the Work resulting in death, traumatic injury, occupational disease, or damage to property, materials, supplies, or equipment. Contractor shall immediately report any such incident to DNR. DNR shall, at all times, have a right of access to all records of exposure.
- B. Contractor shall ensure that the use of herbicides authorized by this Contract in the performance of the Work shall be done in conformance with product labeling. If there is a conflict between product labeling and applicable environmental law, then the applicable law shall apply to Contractor's actions.
- C. Contractor shall provide all persons working in the Work area with information and training on hazardous chemicals in their work at the time of their initial assignment, and whenever a new hazard is introduced into their Work area.
 - 1. Information. At a minimum, Contractor shall inform persons working in the Work area of:
 - a. The requirements of Chapter 296-62 WAC, General Occupational Health Standards;
 - b. Any operations in their Work area where hazardous chemicals are present; and

- c. The location and availability of written hazard communication programs, including the required list(s) of hazardous chemicals and material safety data sheets required by Chapter 296-62 WAC.
2. Training. At a minimum, Contractor shall provide training for persons working in the Work area which includes:
 - a. Methods and observations that may be used to detect the presence or release of a hazardous chemical in the Work area (such as monitoring conducted by the employer, continuous monitoring devices, visual appearance of odor of hazardous chemicals when being released, etc.);
 - b. The physical and health hazards of the chemicals in the Work area and the appropriate methods for the use of herbicide chemicals used to perform the Work;
 - c. The measures such persons can take to protect themselves from these hazards including specific procedures Contractor, or its Subcontractors, or others have implemented to protect those in the Work area from exposure to hazardous chemicals, such as appropriate work practices, emergency procedures, and personal protective equipment to be used; and
 - d. The details of the hazard communications program developed by Contractor, or its Subcontractors, including an explanation of the labeling system and the material safety data sheet, and how employees can obtain and use the appropriate hazard information.
3. Except as otherwise authorized by this Contract to carry out the Work, Contractor's responsibility for hazardous, toxic, or harmful substances shall include the following duties:
 - a. Contractor shall not keep, use, dispose, transport, generate, or sell on or about the Work area, any substances now or hereafter designated as, or which are subject to regulation as, hazardous, toxic, dangerous, or harmful by any federal, state, or local law, regulation, statute or ordinance (hereinafter collectively referred to as "hazardous substances"), in violation of any such law, regulation, statute, or ordinance.
 - b. Contractor shall promptly notify DNR of all spills or releases of any hazardous substances which are otherwise required to be reported to any regulatory agency and pay the cost of cleanup. Contractor shall promptly notify DNR of all failures to comply with any federal, state, or local law, regulation, or ordinance; all inspections of the Work area by any regulatory entity concerning the same; all regulatory orders or fines; and all responses or interim cleanup actions taken by or proposed to be taken by any government entity or private party in the Work area.
 - c. Contractor shall perform all Work with due regard for the safety of the public, and shall minimize interruptions of vehicular traffic or inconveniences to pedestrians. Contractor shall be responsible to make all arrangements to care for such traffic. All expenses involved in the maintenance of traffic by way of detours shall be borne by Contractor.

B-04 Unit Description

The Unit Description details the characteristics and specific Work requirements for each unit. If specific requirements of the Unit Description conflict with the specifications in this section of the contract, the specific requirements of the Unit Description will prevail.

B-05 Weather Conditions

Contractor shall be responsible for ceasing operations when product labeling, local industry standards, or other information indicate herbicide treatment may be ineffective or pose an unacceptable risk of noncompliance with applicable laws pertaining to the application of herbicides due to environmental conditions, such as:

- A. Air temperature of less than 40 degrees F (40°F) or greater than 85 degrees F (85°F); or
- B. Wind velocity greater than twelve (12) miles per hour; or
- C. Soil rainfall causes water to run down stems of target plants; or
- D. The Compliance Forester determines spray conditions are unsuitable.

If any of these conditions exist on the site, the Compliance Forester may direct Contractor or foreperson to cease operations until weather conditions improve.

B-06 Department of Natural Resources Obligations

DNR shall be responsible for providing a Compliance Forester to acquaint Contractor with the unit(s) and to conduct periodic field inspections, provided that the Compliance Forester shall not limit Contractor's performance of the Work or limit Contractor's liability for its actions under this Contract.

B-07 Special Requirements**A. Starting Date for Work**

Contractor shall begin Work by Monday 8/5/2013, unless alternative plans are approved by the Contract Manager, or there are unfavorable weather conditions (Clause B-05).

B. Additional Holidays – Work Not Guaranteed

No work will be allowed the following State Holiday: Monday 9/2/2013.

SECTION I-C: Compliance Inspection and Payments

C-01 Field Inspections

The Compliance Forester will conduct periodic inspections. Inspections may be done concurrently with Work but will be completed no later than five (5) business days after Work completion on the Unit. Inspection of and payment for Work performed will be based on acreage completed.

- A. The Compliance Forester will use specifications contained in Section I-B and in the Unit Description to determine if Work performed is satisfactory.
- B. The Compliance Forester may at his/her 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.

C-02 Re-work of Unsatisfactory Units

The Compliance Forester may require Contractor to re-work a Unit on which Contractor's Work performance is not rated satisfactory. The Compliance Forester may require the re-work to be completed prior to starting Work on a new Unit. Reworked areas will be reexamined for contract compliance, the resulting performance rating will supersede the previous performance rating for the area in question.

If Contractor refuses to re-work the Unit, DNR may then pursue its available remedies for either breach (Clause A-23) or default (Clause A-24) of contract. If Contractor re-works the Unit and it is rated unsatisfactory a second time, DNR may consider this breach or default of contract.

The Compliance Forester is not required to give Contractor the opportunity to re-work Unit(s) with unsatisfactory performance ratings. In some cases, DNR may not have the additional staff needed to perform contract compliance for such re-work, and Contractor's overall performance on this contract may indicate that Contractor will be unable to improve the quality of Work enough to justify the additional time and expense of re-working Unit(s). In these cases, the Compliance Forester may choose to simply calculate an appropriate reduction in payment in accordance with Clause C-03-C and allow Contractor to continue Work on other Unit(s).

C-03 Payments

DNR will issue payments after field inspections have been completed. Payments will be made using the following criteria to determine rates and schedules:

A. L&I Insurance Premiums

DNR shall retain ten percent (10%) of all payments due to Contractors who hire workers as security for Labor & Industries industrial insurance premiums owed for its workers. After completion of the contract, and upon determination that Contractor has met all financial obligations for industrial insurance premiums related to the contract, the 10% retainage will be returned to Contractor.

B. Payment Schedule

The DNR shall make payments, in such amounts as DNR determines are properly due in accordance with the Work Schedule. Payments may be made by the month, unit, or by one total payment. Details of payment schedule will be determined in the Pre-Work Conference (Clause A-19) and will be set forth in the Work Schedule which shall become a part of this Contract once approved by DNR. DNR will attempt to comply with the desires and needs of

Contractor but assumes no legal duty or obligation to adhere to the schedule of payment so arranged.

C. Partial Payment

Partial Payment may be made upon completion of part of a unit as determined by DNR. Request for partial payment is to be made by Contractor utilizing the Unit Completion Form. Contractor or Designated Contract Representative shall sign the Unit Completion Form after completion of each such "sub-unit" being submitted for payment. DNR will then make payment recommendations on the Unit Completion Form and forward to DNR's Region office for processing.

D. Unit Completion Form

Contractor or Designated Contract Representative shall sign the Unit Completion Form after completion of each partial Unit being submitted for payment, or at the conclusion of Work and completion of the Compliance Inspection for each Unit. The Compliance Forester will make payment recommendations forward the Unit Completion Form to the Contract Manager for processing.

E. Verification Traverse

If a Unit's acreage is disputed, Contractor may request a verification traverse by DNR. The request must be in writing and signed by Contractor. DNR will base the rate of pay on the acres determined from the verification traverse. If the net acres specified in the Unit Description (Section II-A) are correct within plus or minus five percent ($\pm 5\%$) after the verification traverse, Contractor shall pay for the verification traverse at a rate of ten dollars (\$10.00) per one hundred (100) feet of traversed boundary.

F. Reduction in Payment

DNR may withhold or, on account of subsequently discovered evidence, nullify the whole or part of any payment to such extent as may be necessary to protect DNR from loss or damage for reasons including but not limited to:

1. Work not in accordance with the Contract Documents;
2. Reasonable evidence that the Work required by the Contract Documents cannot be completed for the unpaid balance of the Contract Sum;
3. Work by DNR to correct defective Work or complete the Work;
4. Failure to perform in accordance with the Contract Documents; or
5. Cost or liability that may occur to DNR as the result of Contractor's fault or negligent acts or omissions.

Unit	Activity Type	Work Unit	County	Unit Name	Mix	Unit Acres	Treatment Acres	Year of Harvest	E/			Elevation MIN-MAX	Gate	Key	Additional Requirements & Comments	
									T	R	W					S
1	SP	St Helens	Cowlitz	Hidalgo Resale U2	2	55	41	2012	7	1.0	E	24	1000-1500	Yes	Contact IMF	
2	SP	St Helens	Cowlitz	Hidalgo Resale U1	2	15	13	2012	7	1.0	E	24	900-1350	Yes	Contact IMF	
3	SP	St Helens	Wahkiakum	Hayduke U1	5	39	35	2012	8	4.0	W	6	600-800	No		
4	SP	St Helens	Wahkiakum	Hayduke U2	5	20	17	2012	8	5.0	W	1	800-900	No		
5	SP	St Helens	Wahkiakum	Hayduke U3 Conifer	1	5	4	2012	8	5.0	W	1	900-1000	No		
6	SP	St Helens	Cowlitz	Moon House U3	5	51	44	2012	9	4.0	W	33	300-700	Yes	PCP1-1 - DNR	Rinse backpacks before starting mix 5.
7	SP	St Helens	Cowlitz	Electric Chicken U1	1	39	36	2013	10	2.0	W	6	600-900	No		
8	SP	St Helens	Cowlitz	Electric Chicken U2	5	24	22	2013	10	2.0	W	6	900-1000	No		Rinse backpacks before starting mix 5.
9	SP	St Helens	Lewis	Electric Chicken U3	1	9	8	2013	11	2.0	W	31	600-700	No		
10	SP	St Helens	Cowlitz	RR_Electric Conv U1	1	1	1	2013	10	2.0	W	6	700-800	No		
11	SP	St Helens	Cowlitz	RR_Electric Conv U2	1	1	1	2013	10	2.0	W	6	700-800	No		
12	SP	St Helens	Cowlitz	RR_Electric Conv U3	1	1	1	2013	10	2.0	W	6	700-800	No		
13	SP	St Helens	Wahkiakum	Hayduke U3	5	17	15	2012	8	5.0	W	1	900-1000	No		Rinse backpacks before starting mix 5.
14	SP	St Helens	Wahkiakum	Hayduke U1 Conifer	1	7	6	2012	8	4.0	W	6	700-800	No		

Unit	Activity Type	Work Unit	County	Unit Name	Mix	Unit Acres	Treatment Acres	Year of Harvest	T	R	E/W	S	Elevation MIN-MAX	Gate	Key	Additional Requirements & Comments
15	SP	St Helens	Cowlitz	Barnes DR Aquisition	4	20	18	2012	10	2.0	W	10	138-205	Yes	Contact IMF Prior To Access	North boundary delineated with blue flagging, blue paint.
16	REL	St Helens	Cowlitz	Boomer U1	10	89	15	2007	10	2.0	E	6	1618-2113	Yes	Weyco ABA1	broadcast oust only at 3 oz/acre.
17	SP	St Helens	Cowlitz	Barnes A Burning U7	4	27	19	2009	10	2.0	W	10	138-186	No		Do not contact adjacent red alder with herbicide.
18	SP	Yacolt	Clark	Cutthroat U1	2	17	15	2012	3	4.0	E	30	1300 - 1400	Yes	PCP1-1 - DNR	
19	SP	Yacolt	Clark	Cutthroat U2	2	17	15	2012	3	4.0	E	31	1500 - 1700	Yes	PCP1-1 - DNR	
20	SP	Yacolt	Clark	Cutthroat U3	2	23	21	2012	3	4.0	E	31	1400 - 1600	Yes	PCP1-1 - DNR	
21	SP	Yacolt	Clark	Little Biggin U4	1	48	3	2012	3	4.0	E	8	1100 - 1500	Yes	PCP1-1 - DNR	Ground/Aerial Split
22	SP	Yacolt	Clark	Half Nelson U4	2	36	32	2012	2	4.0	E	21	800 - 1300	Yes	PCP1-1 - DNR	
23	SP	Yacolt	Clark	Half Nelson U5	2	41	34	2012	2	4.0	E	21	800 - 1100	Yes	PCP1-1 - DNR	
24	SP	Yacolt	Clark	Half Nelson U6	2	19	16	2012	2	4.0	E	22	1200 - 1400	No		
25	DB	Yacolt	Clark	Iron Chef U3	8	37	34	2008	3	4.0	E	1	2100 - 2600	Yes	PCP1-1 - DNR	basal treatment of all vine maple, cherry
26	DB	Yacolt	Clark	Iron Chef U4	8	54	50	2008	3	4.0	E	12	1800 - 2400	Yes	PCP1-1 - DNR	basal treatment of all vine maple, cherry
27	SP	Yacolt	Skamania	Routeburn U3	2	29	25	2012	3	7.0	E	13	2200 - 2600	No		Walk-in access only
28	SP	Yacolt	Clark	Tombstone U1	1	26	24	2012	3	4.0	E	7	1800 - 2000	Yes	PCP1-1 - DNR	

Unit	Activity Type	Work Unit	County	Unit Name	Mix	Unit Acres	Treatment Acres	Year of Harvest	E/				Elevation MIN-MAX	Gate	Key	Additional Requirements & Comments
									T	R	W	S				
29	SP	Yacolt	Clark	Rock Out U1	2	86	78	2012	3	4.0	E	9	1100 - 1300	No		
30	SP	Yacolt	Clark	Rock Out U2	2	3	3	2012	3	4.0	E	9	1000 - 1100	No		
31	SP	Yacolt	Clark	Sloppy Joe U1	9	59	49	2012	4	3.0	E	16	1000 - 1600	Yes	PCP1-1 - DNR	Buffer property lines by 25 feet per pink flag lines
32	SP	Yacolt	Cowlitz	Middle Rock Sorts U1	1	30	29	2012	6	3.0	E	5	1700 - 1900	No		
33	SP	Yacolt	Cowlitz	Middle Rock Sorts U2	1	12	12	2012	6	3.0	E	8	1600 - 1800	No		
34	SP	Yacolt	Cowlitz	Middle Rock Sorts U3	1	21	19	2012	6	3.0	E	8	1700 - 1900	No		
35	SP	Yacolt	Cowlitz	Ship Wreck U4	1	15	15	2012	6	3.0	E	12	1700 - 1900	No		
36	SP	Yacolt	Cowlitz	Ship Wreck U3	1	3	3	2012	6	3.0	E	12	1800 - 1900	No		
37	SP	Yacolt	Cowlitz	Ship Wreck U2	1	5	5	2012	6	3.0	E	12	1700 - 2000	No		
38	SP	Yacolt	Cowlitz	Treebeard U1	1	99	34	2012	6	4.0	E	18	700 - 1600	Yes	PCP1-1 - DNR	Ground/Aerial Split
39	SP	Yacolt	Cowlitz	Ship Wreck U1	1	46	41	2012	6	3.0	E	10	2400 - 2800	No		
40	SP	Yacolt	Clark	Excalibur U2	1	10	9	2012	4	4.0	E	25	1200 - 1500	Yes	PCP1-1 - DNR	
41	SP	Yacolt	Clark	Excalibur U4	1	11	11	2012	4	4.0	E	25	1200 - 1500	Yes	PCP1-1 - DNR	
42	SP	Yacolt	Clark	Excalibur U5	1	25	19	2012	4	4.0	E	25	1200 - 1600	No		Borders USFS
43	SP	Yacolt	Clark	Hot Rod U2	1	77	11	2012	4	4.0	E	31	1000 - 1600	Yes	PCP1-1 - DNR	Ground/Aerial Split, Walk-In Access Only

Unit	Activity Type	Work Unit	County	Unit Name	Mix	Unit Acres	Treatment Acres	Year of Harvest	T	R	E/ W	S	Elevation MIN-MAX	Gate	Key	Additional Requirements & Comments
44	SP	Yacolt	Cowlitz	Treebeard U2	1	74	6	2012	6	4.0	E	8	700 - 1300	Yes	PCP1-1 - DNR	Ground/Aerial Split, Walk-In Access Only
45	SP	Yacolt	Clark	RR1_Excaltibur U1	1	1	1	2012	4	4.0	E	25	1340 - 1369	Yes	PCP1-1 - DNR	water buffer split unit into two polygons: 0.45 ac; 0.51 ac
46	SP	Yacolt	Clark	RR2_Excaltibur U1	1	2	2	2012	4	4.0	E	25	1274 - 1337	Yes	PCP1-1 - DNR	
47	SP	Yacolt	Clark	Rock Out U3	2	60	35	2012	3	4.0	E	20	1366 - 1732	No		
48	SP	Yacolt	Clark	Tombstone U2	1	54	8	2013	3	4.0	E	18	1395 - 1982	Yes	PCP1-1 - DNR	Ground/Aerial Split
49	SP	Yacolt	Clark	Shortest Straw U1	1	57	4	2006	2	4.0	E	12	1080 - 1336	No		Avoid drift over conifer seedlings greater than 3 feet in height. Unit partially burned 5/4/2013
50	SP	Yacolt	Clark	Valhalla U2	2	65	19	2012	3	3.0	E	12	1300 - 1900	Yes	PCP1-1 - DNR	Ground/Aerial Split
1452 Totals:						978		acres								

Legend:

SP = Broadcast Waving Wand Site Preparation

REL = Broadcast Waving Wand Release

DB = Directed Basal Release treatment

Legal Description Abbreviations: T = township; R = Range; S = Section

Herbicide Mix #	Product Name	EPA Number	Rate/oz acre	Comments	
1	Rodeo	62719-324	48	Standard site preparation tank mix	
	Chopper GEN 2	241-430	12		
	Oust Extra	352-622	4		
	Liberate	Exempt	6.4		WA Reg# 34704-04008
2	Rodeo	62719-324	48	Site preparation for moderate, high woody veg cover	
	Chopper GEN 2	241-430	24		
	Oust Extra	352-622	4		
	Liberate	Exempt	6.4		WA Reg# 34704-04008
4	Accord XRT II	62719-556	48	Site preparation for Scotch Broom areas	
	Opensight	62719-597	3		
	Oust XP	352-601	2		
	Liberate	Exempt	6.4		WA Reg# 34704-04008
5	Rodeo	62719-324	128	Standard RED ALDER SITE PREPARATION	
	Escort XP	352-439	2		Rinse backpacks before beginning this mix.
	Liberate	Exempt	6.4		WA Reg# 34704-04008
8	Garlon 4 Ultra	62719-627	50%	Treat all vine maple and cherry stems with basal application method	
	MSO Concentrate w/Lecitech	Exempt	50%		No water- MSO is carrier. Mix 50% Herbicide, 50% MSO.
9	Rodeo	62719-324	64	Sloppy Joe U1 site preparation mix	
	Arsenal AC	241-299	8		
	Oust XP	352-601	2		
	MSO Concentrate w/Lecitech	Exempt	32		
10	Oust XP	352-601	3	Broadcast Release	
Note: No mix 3, 6 or 7 on contract 1452.					

Treatment Timing:

Site Preparation Broadcast Waving Wand Mixes (Mixes 1-5, 9) = 8/5/2013 to 9/13/2013

Release Broadcast Waving Wand Mix 10 (15 acres): 9/9/2013 to 9/27/2013

Directed Release Basal Treatment Mix 8 (84 acres): 8/5/2013 to 9/27/2013

***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 contract administrator. 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 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 (All mixes except 8): Ground broadcast, waving wand application with backpack sprayers to all exposed soil and vegetation up to 15 feet in height except for natural conifer seedlings greater than 4 feet tall or designated by the DNR compliance forester. 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 areas receiving less than 8 gallons per acre are considered unsatisfactory and may be required to be resprayed or not receive payment.

Treatment Techniques for Directed Basal Bark (Mix 8): Apply Mix 8 as follows: Apply complete spray to wet coverage to all sides of each and every stem of bigleaf maple and other target stem listed in the additional requirements column on the unit description spreadsheet. Any target plant live stem shall be basal treated as follows: 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 of target plant 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 for the directed basal bark method. 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 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. Minimum crew size is ten (10) applicators unless authorized in advance by the contract administrator.**

SECTION IIA (CONTINUED): 1452 ESTIMATED PRODUCT QUANTITIES

Units of measure:	Gal.	Gal.	Gal.	Gal.	Gal.	lbs.	lbs.	lbs.	lbs.	Gal.	Gal.	
Mix	Spray Acres	Rodeo	Accord XRT II	Chopper GEN 2	Arsenal AC	Garlon 4 Ultra	Opensight	Oust Extra	Oust XP	Escort XP	MSO	Liberate
1	313	117.38	-	29.34	-	-	-	78.25	-	-	-	15.65
2	347	130.13	-	65.06	-	-	-	86.75	-	-	-	17.35
4	37	-	13.88	-	-	-	6.94	-	4.63	-	-	1.85
5	133	133.00	-	-	-	-	-	-	-	16.63	-	6.65
8	84	-	-	-	-	**TBD	-	-	-	-	**TBD	-
9	49	24.50	-	-	3.06	-	-	-	6.13	-	12.25	-
10	15	-	-	-	-	-	-	-	2.81	-	-	-
Totals:	978	405.0	13.9	94.4	3.1	-	6.9	165.0	13.6	16.6	12.3	41.5

Mixes 3, 6, 7 do not exist in contract 1452

*Product Totals are estimates and must be verified by contractor prior to bidding.

**All directed application mix quantities (mix 8) must be estimated solely by the contractor.

NOTE: DNR will provide up to 30 gallons of mix 8 (units 66, 67) in 15 gallon pre-mixed barrels (garlon 4 ultra 50% + 50% MSO + blue dye)

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

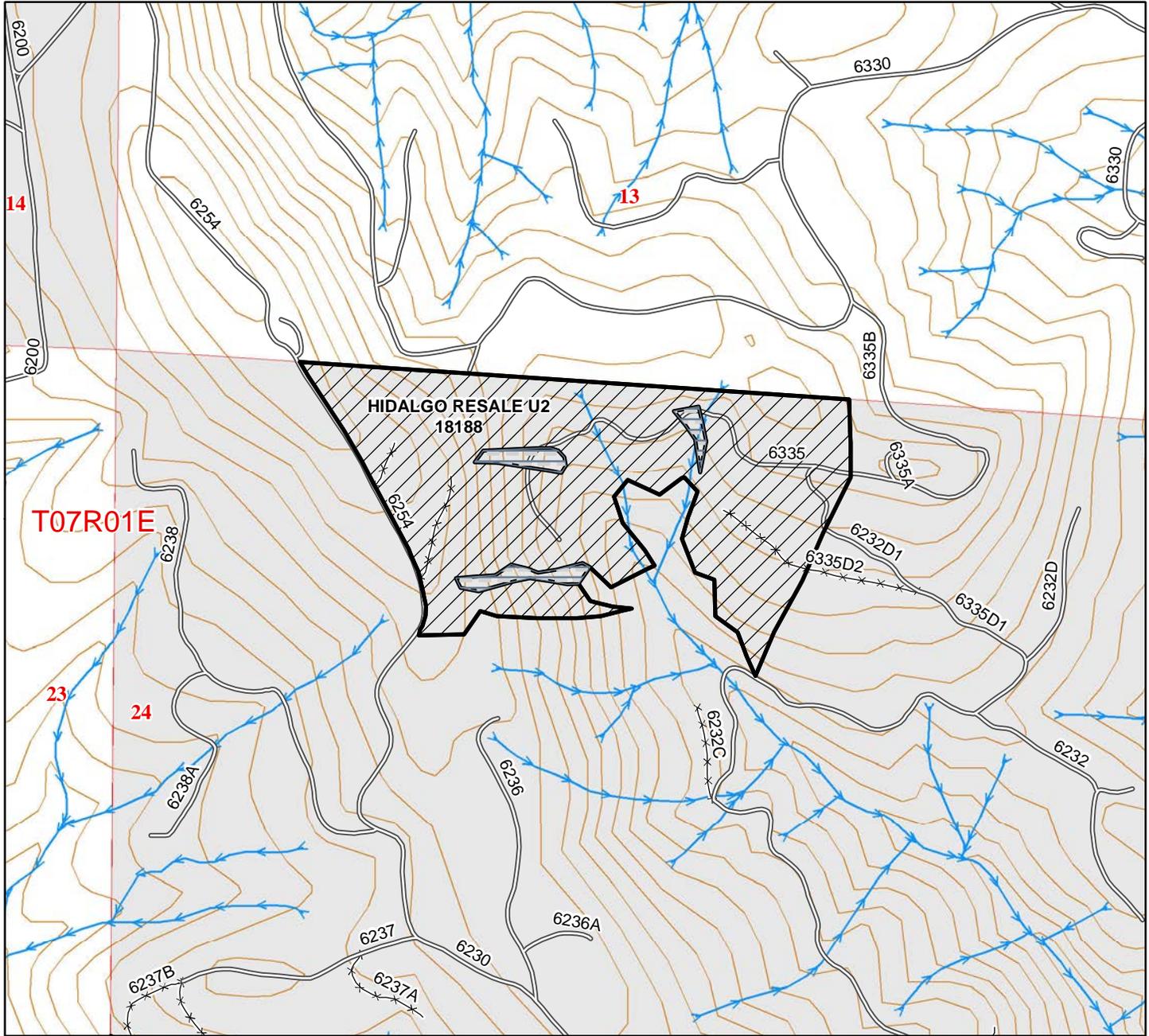
Work Unit: St Helens

Unit Acres: 55

Unit No. 1

Unit Name: Hidalgo Resale U2

Treatment Acres: 41



	Unit Boundary		Gate		40' Contours		Elevation Range: 1000-1500
	Treatment Area		Tank Trap		Earth Barrier		Gate: Yes
	DNR Managed Lands		Other Barrier		Streams		Key: Contact IMF Prior To Access
	Existing Roads		Wetland		Water Buffer		Year Harvested: 2012
	Non-Driveable Access		Pink Flagging/Orange Paint				Herbicide Mix No. 2
	Trails						Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

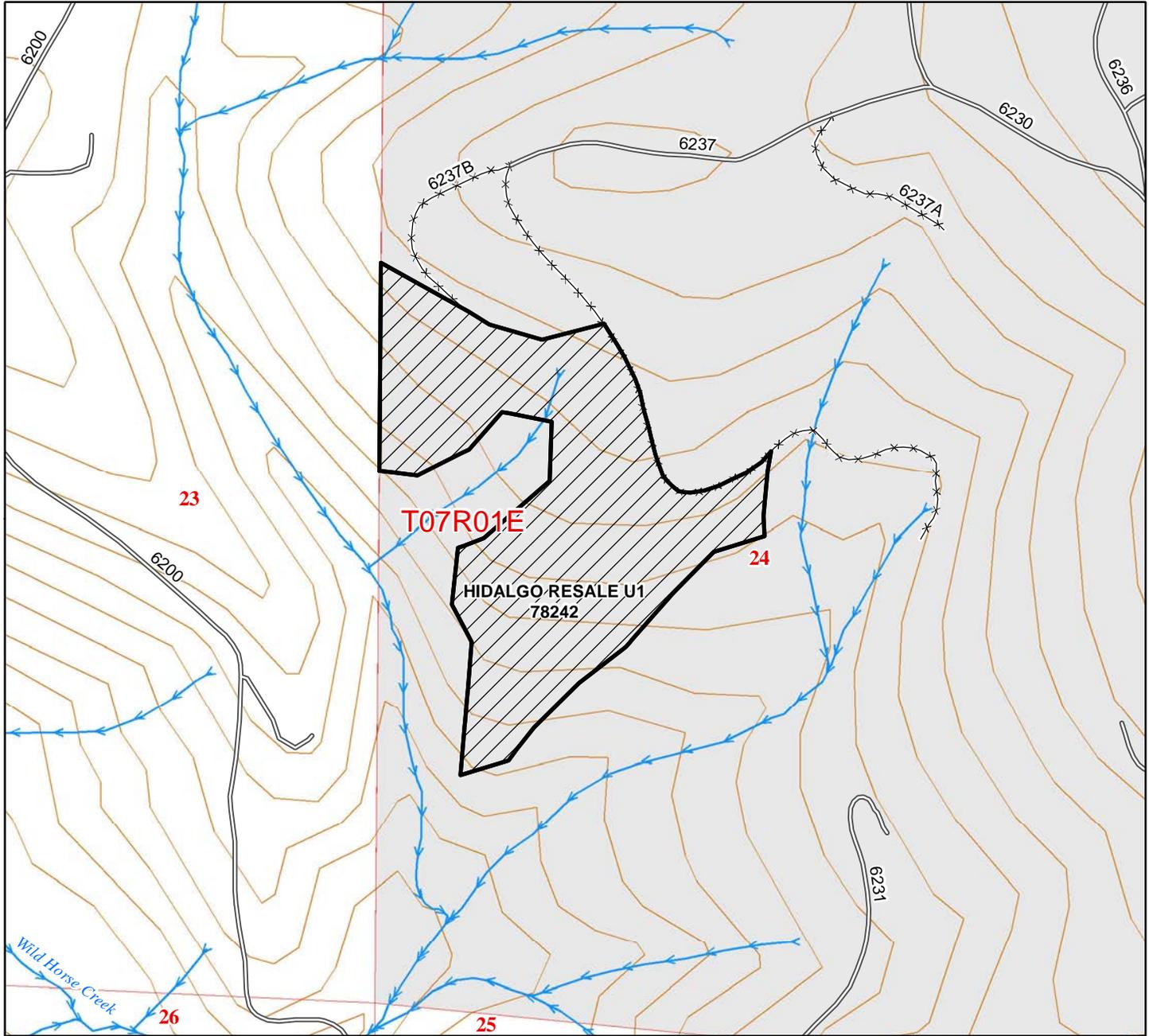
Work Unit: St Helens

Unit Acres: 15

Unit No. 2

Unit Name: Hidalgo Resale U1

Treatment Acres: 13



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours

1:5,000



Elevation Range: 900-1350

Gate: Yes

Key: Contact IMF Prior To Access

Year Harvested: 2012

Herbicide Mix No. 2

Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

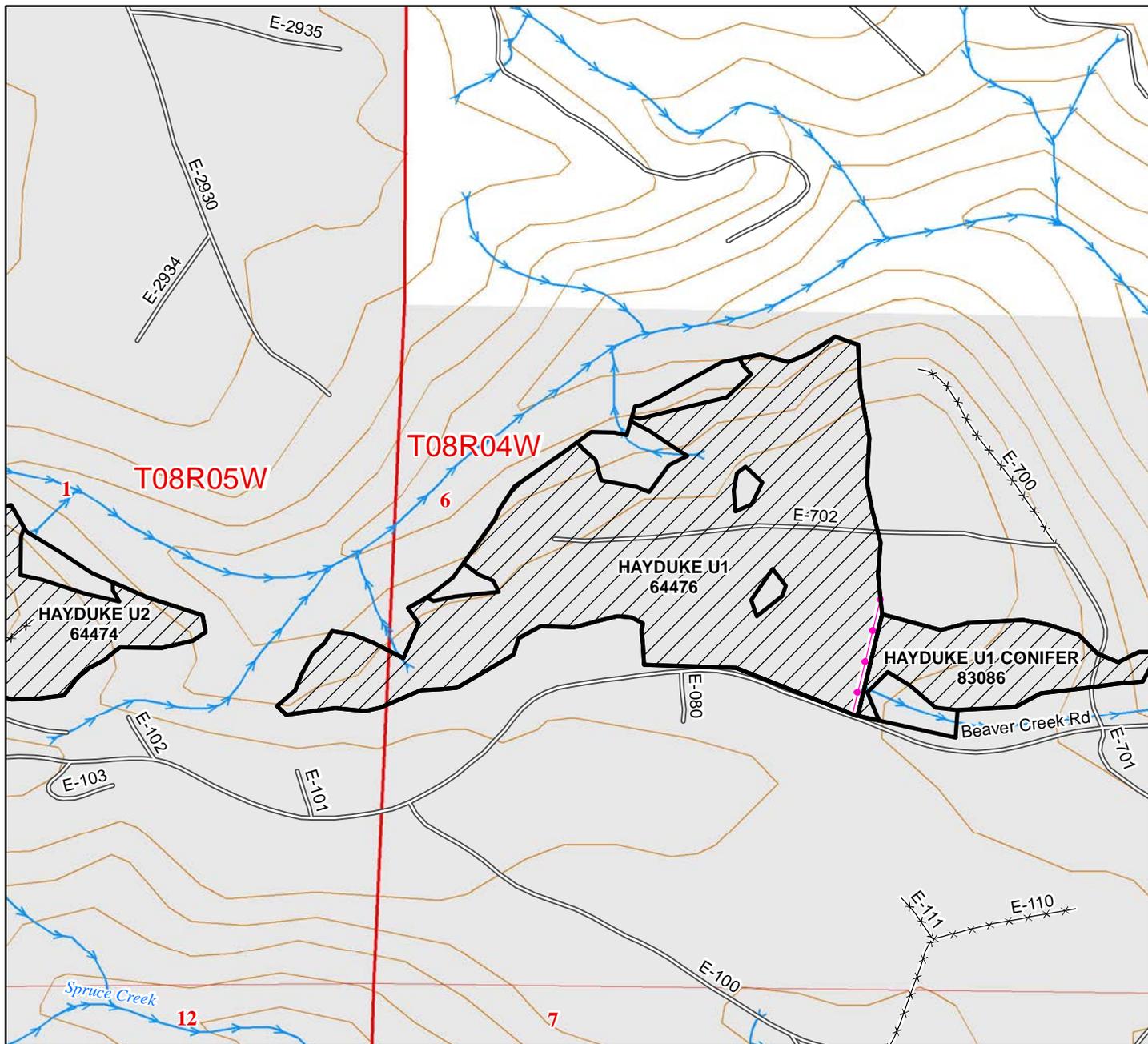
Work Unit: St Helens

Unit Acres: 39

Unit No. 3

Unit Name: Hayduke U1

Treatment Acres: 35



	Unit Boundary		Gate		Tank Trap		Earth Barrier		Other Barrier		Streams		Wetland		Water Buffer
	Treatment Area		40' Contours		Pink Flagging/Orange Paint										
	DNR Managed Lands														
	Existing Roads														
	Non-Driveable Access														
	Trails														

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1:7,000

Elevation Range: 600-800
 Gate: No
 Key:
 Year Harvested: 2012
 Herbicide Mix No. 5
 Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

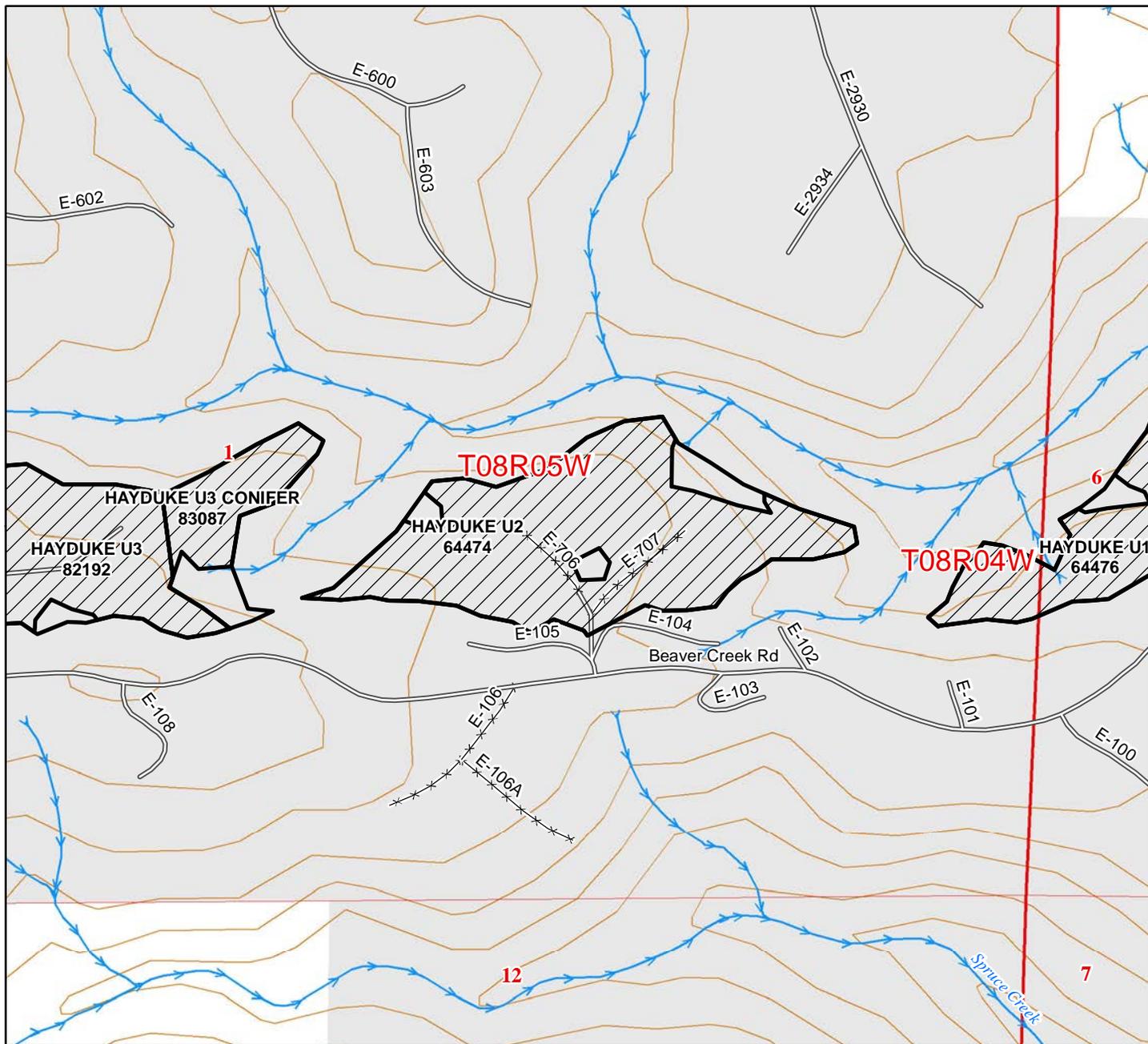
Work Unit: St Helens

Unit Acres: 20

Unit No. 4

Unit Name: Hayduke U2

Treatment Acres: 17



	Unit Boundary		Gate		40' Contours		Elevation Range: 800-900		1:7,000
	Treatment Area		Tank Trap		Earth Barrier		Gate: No		
	DNR Managed Lands		Other Barrier		Streams		Key:		
	Existing Roads		Wetland		Trails		Year Harvested: 2012		
	Non-Driveable Access		Water Buffer		Pink Flagger/Orange Paint		Herbicide Mix No. 5		
	Trails						Minimum Crew Size: 10		

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

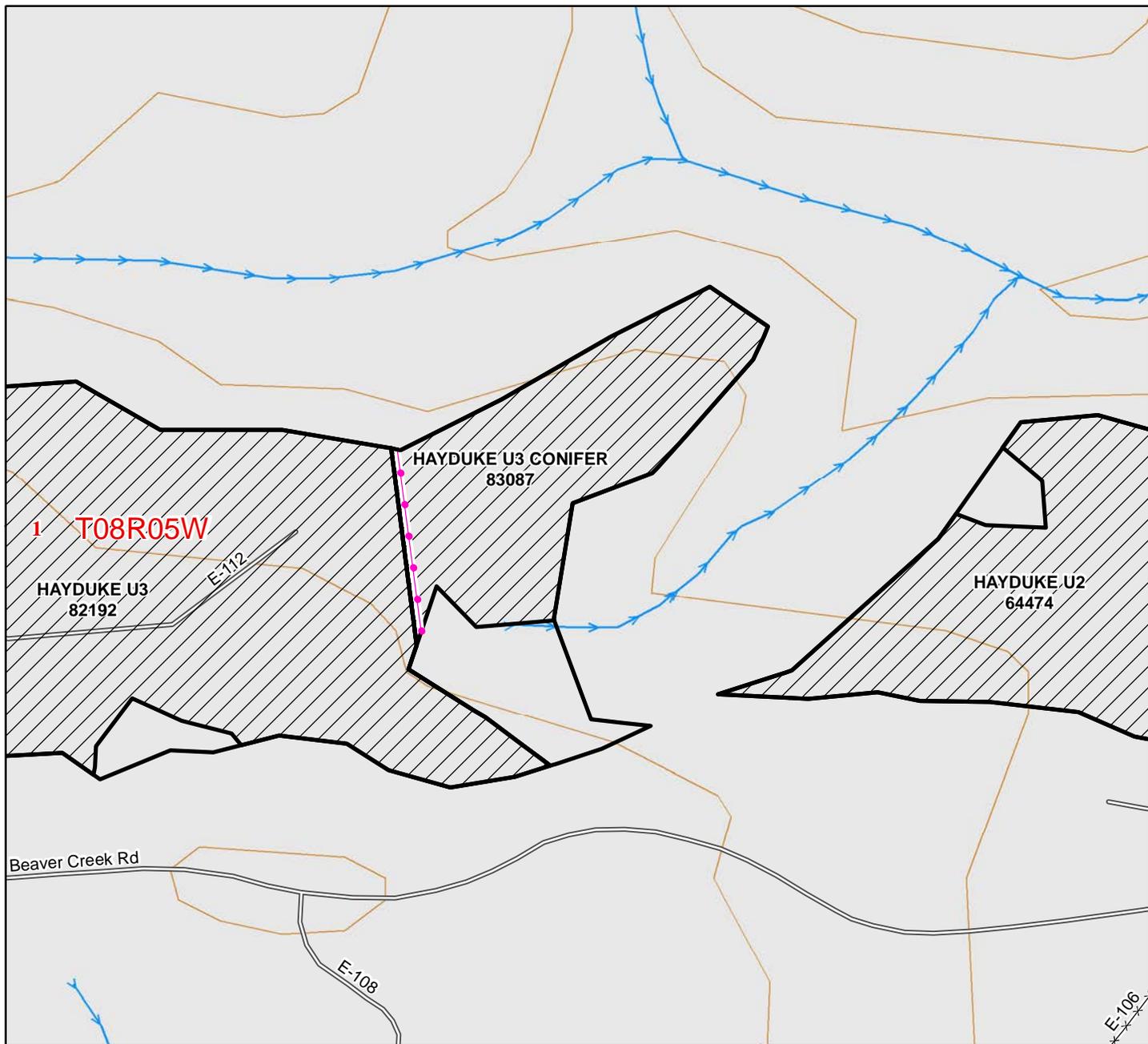
Work Unit: St Helens

Unit Acres: 5

Unit No. 5

Unit Name: Hayduke U3 Conifer

Treatment Acres: 4



	Unit Boundary		Gate	Elevation Range: 900-1000 Gate: No Key: Year Harvested: 2012 Herbicide Mix No. 1 Minimum Crew Size: 10
	Treatment Area		Tank Trap	
	DNR Managed Lands		Earth Barrier	1:3,000
	Existing Roads		Other Barrier	
	Non-Driveable Access		Streams	Washington State Department of Natural Resources • Invitation to Bid • Contract # 1452
	Trails		Wetland	
	Pink Flaggging/Orange Paint		Water Buffer	31

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

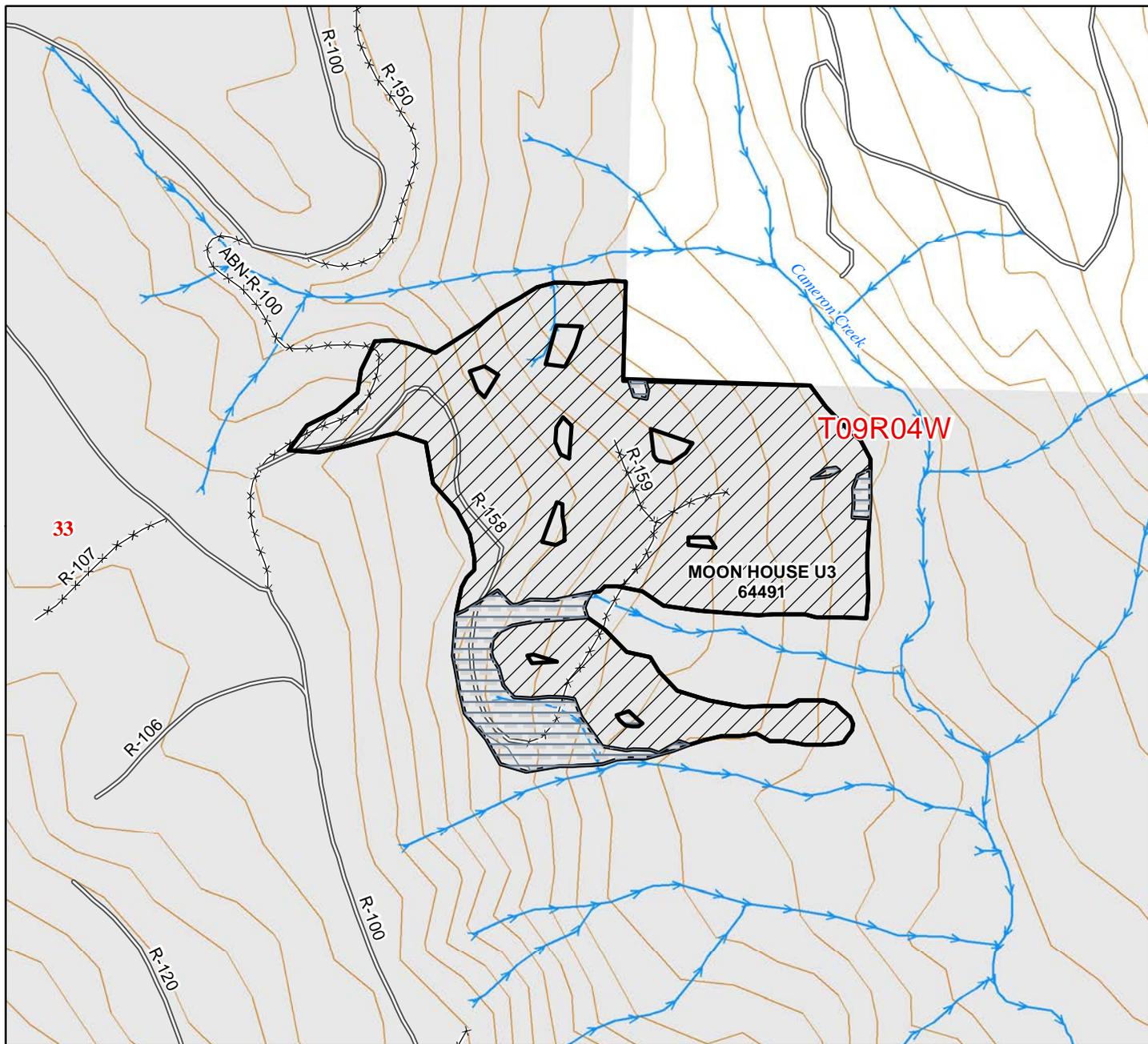
Work Unit: St Helens

Unit Acres: 51

Unit No. 6

Unit Name: Moon House U3

Treatment Acres: 44



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint

40' Contours



Gate



Tank Trap



Earth Barrier



Other Barrier



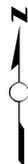
Streams



Wetland



Water Buffer



Elevation Range: 300-700

Gate: Yes

Key: PCP1-1 - DNR

Year Harvested: 2012

Herbicide Mix No. 5

Minimum Crew Size: 10

1:7,000

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

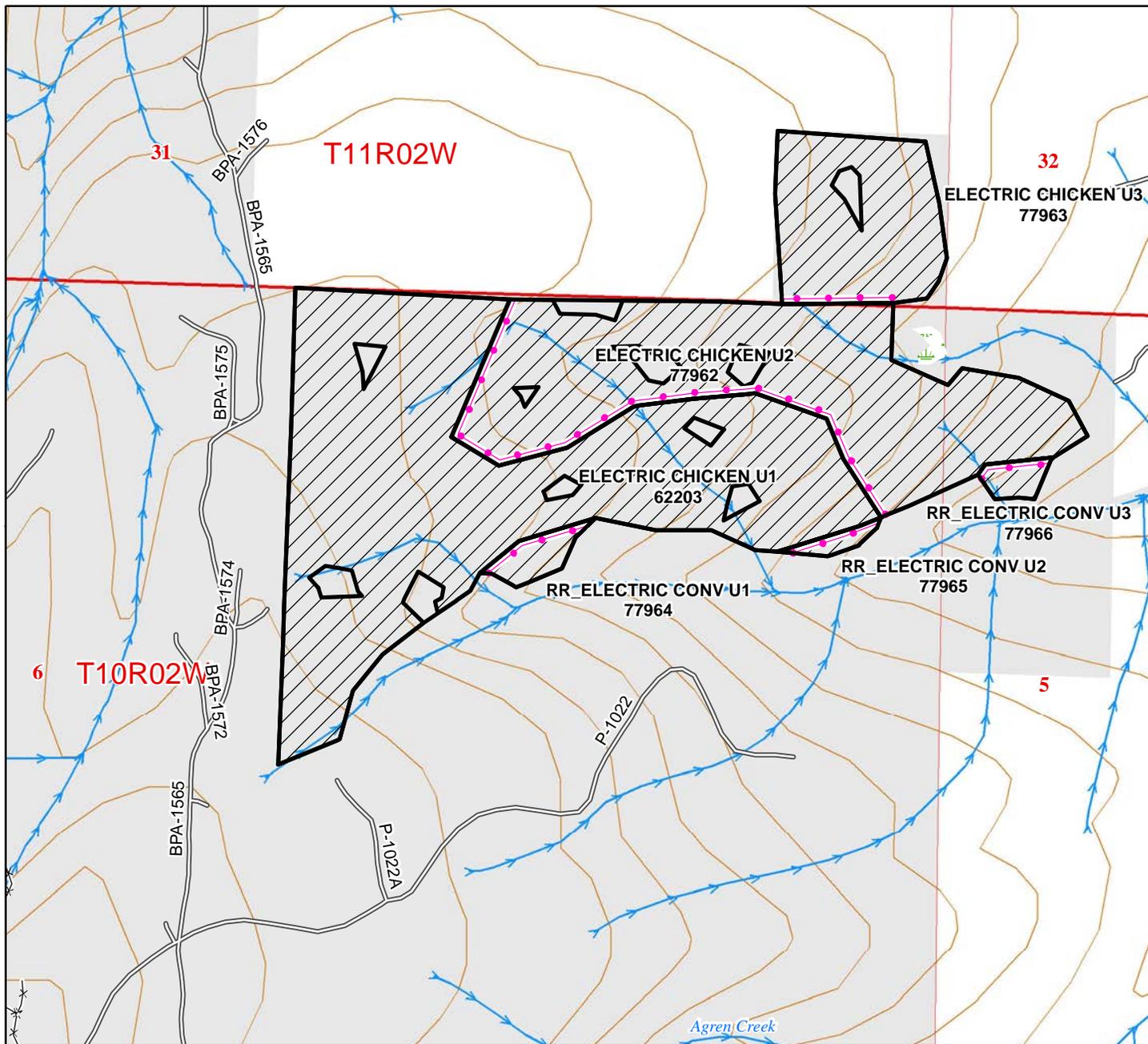
Work Unit: St Helens

Unit Acres: 39

Unit No. 7

Unit Name: Electric Chicken U1

Treatment Acres: 36



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours



Elevation Range: 600-900

Gate: No

Key:

Year Harvested: 2013

Herbicide Mix No. 1

Minimum Crew Size: 10

1:7,000

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

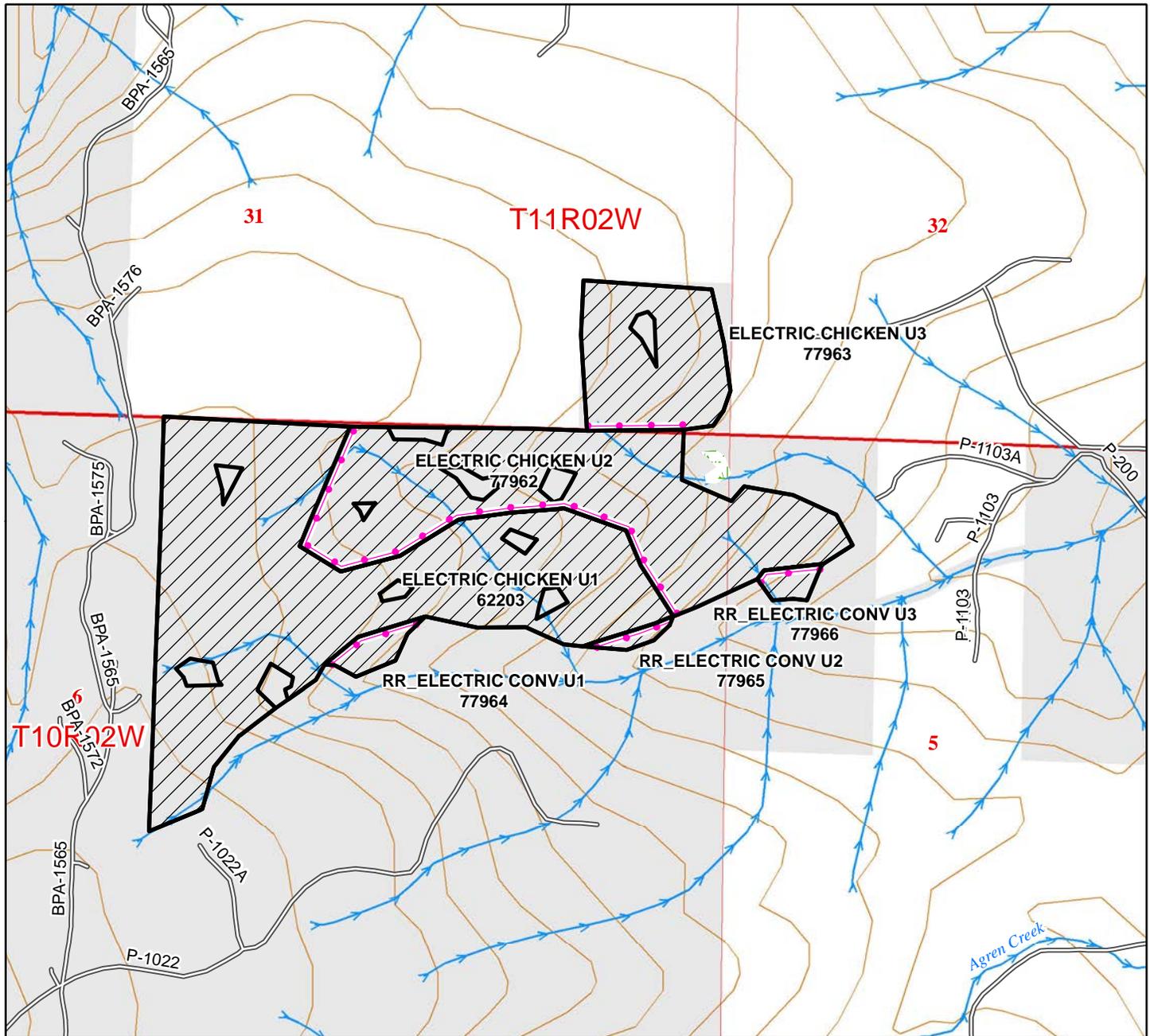
Work Unit: St Helens

Unit Acres: 24

Unit No. 8

Unit Name: Electric Chicken U2

Treatment Acres: 22



	Unit Boundary		Gate		40' Contours		Elevation Range: 900-1000
	Treatment Area		Tank Trap		Earth Barrier		Gate: No
	DNR Managed Lands		Other Barrier		Streams		Key:
	Existing Roads		Wetland		Water Buffer		Year Harvested: 2013
	Non-Driveable Access		Trails		Pink Flagger/Orange Paint		Herbicide Mix No. 5
	Trails						Minimum Crew Size: 10

1:8,000

Washington State Department of Natural Resources • Invitation to Bid • Contract # 1452

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

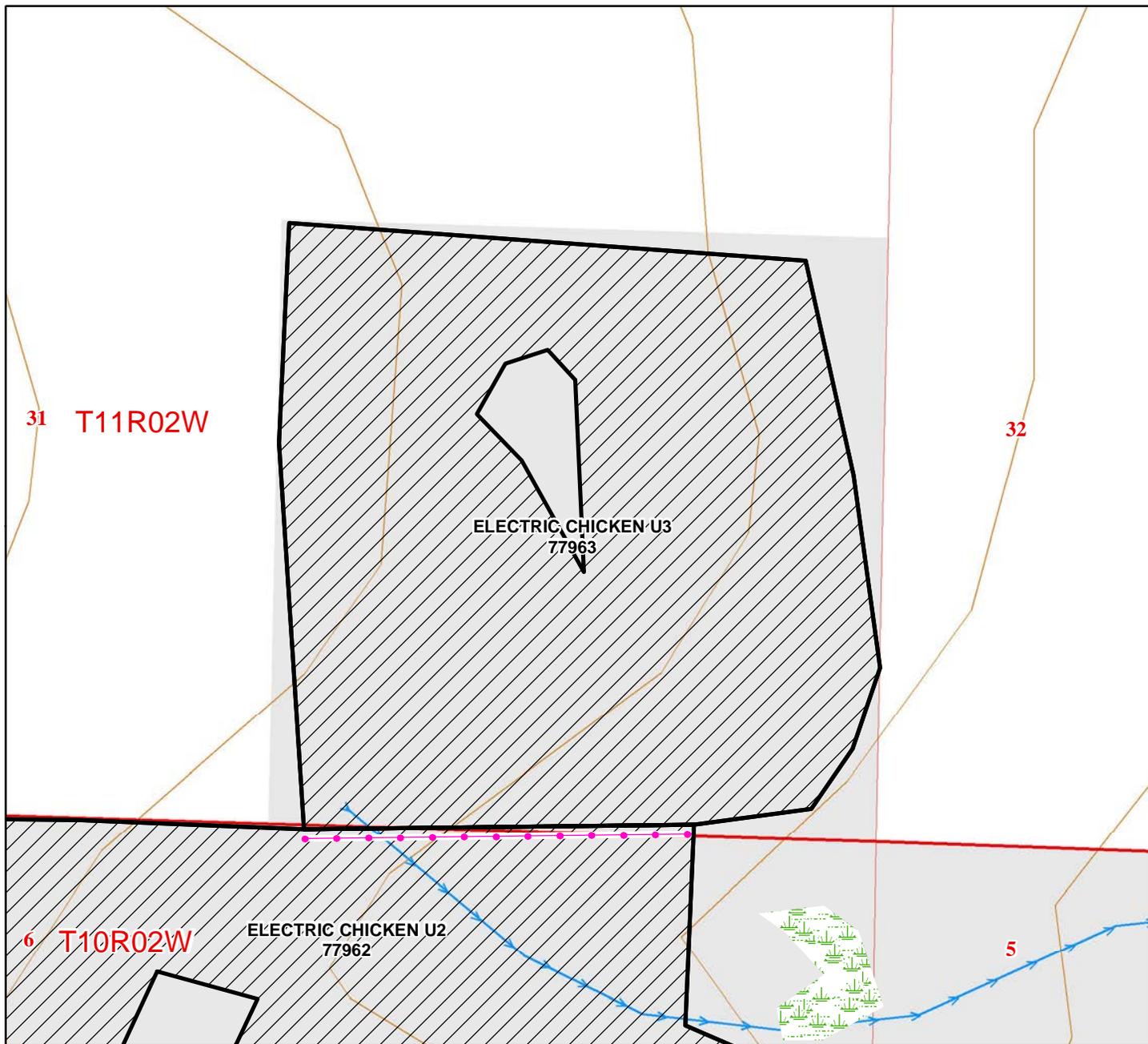
Work Unit: St Helens

Unit Acres: 9

Unit No. 9

Unit Name: Electric Chicken U3

Treatment Acres: 8



	Unit Boundary		Gate	Elevation Range: 600-700	1:2,000
	Treatment Area		Tank Trap		
	DNR Managed Lands		Earth Barrier	Key:	
	Existing Roads		Other Barrier	Year Harvested: 2013	
	Non-Driveable Access		Streams	Herbicide Mix No. 1	
	Trails		Wetland	Minimum Crew Size: 10	
	Pink Flagging/Orange Paint		Water Buffer		

40' Contours

Washington State Department of Natural Resources • Invitation to Bid • Contract # 1452

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

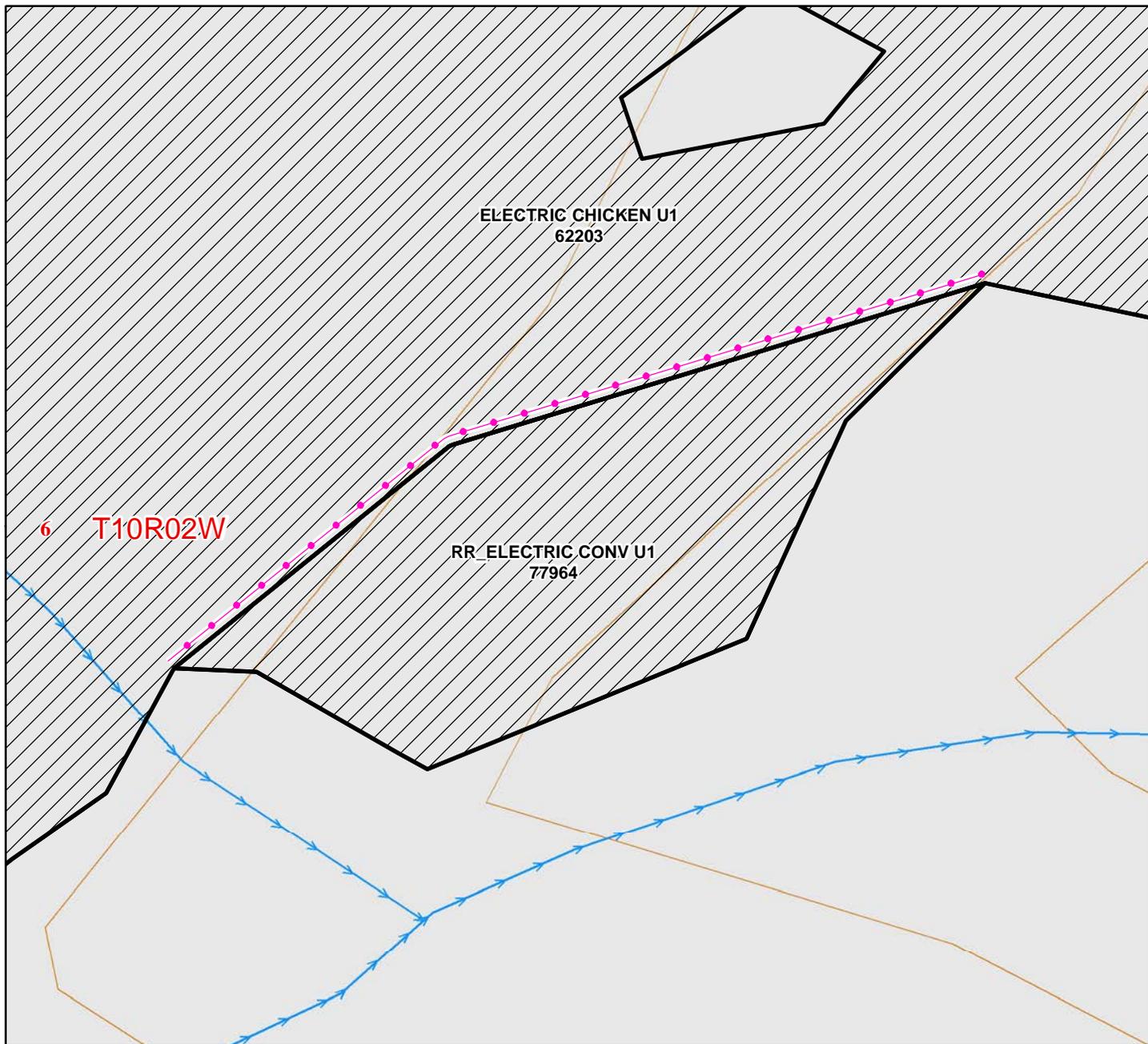
Work Unit: St Helens

Unit Acres: 1

Unit No. 10

Unit Name: RR_Electric Conv U1

Treatment Acres: 1



	Unit Boundary		Gate		Elevation Range: 700-800	1:1,000
	Treatment Area		Tank Trap		Gate: No	
	DNR Managed Lands		Earth Barrier	Key:	Year Harvested: 2013	
	Existing Roads		Other Barrier		Streams	Herbicide Mix No. 1
	Non-Driveable Access		Wetland		Water Buffer	Minimum Crew Size: 10
	Trails					
	Pink Flagging/Orange Paint					

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

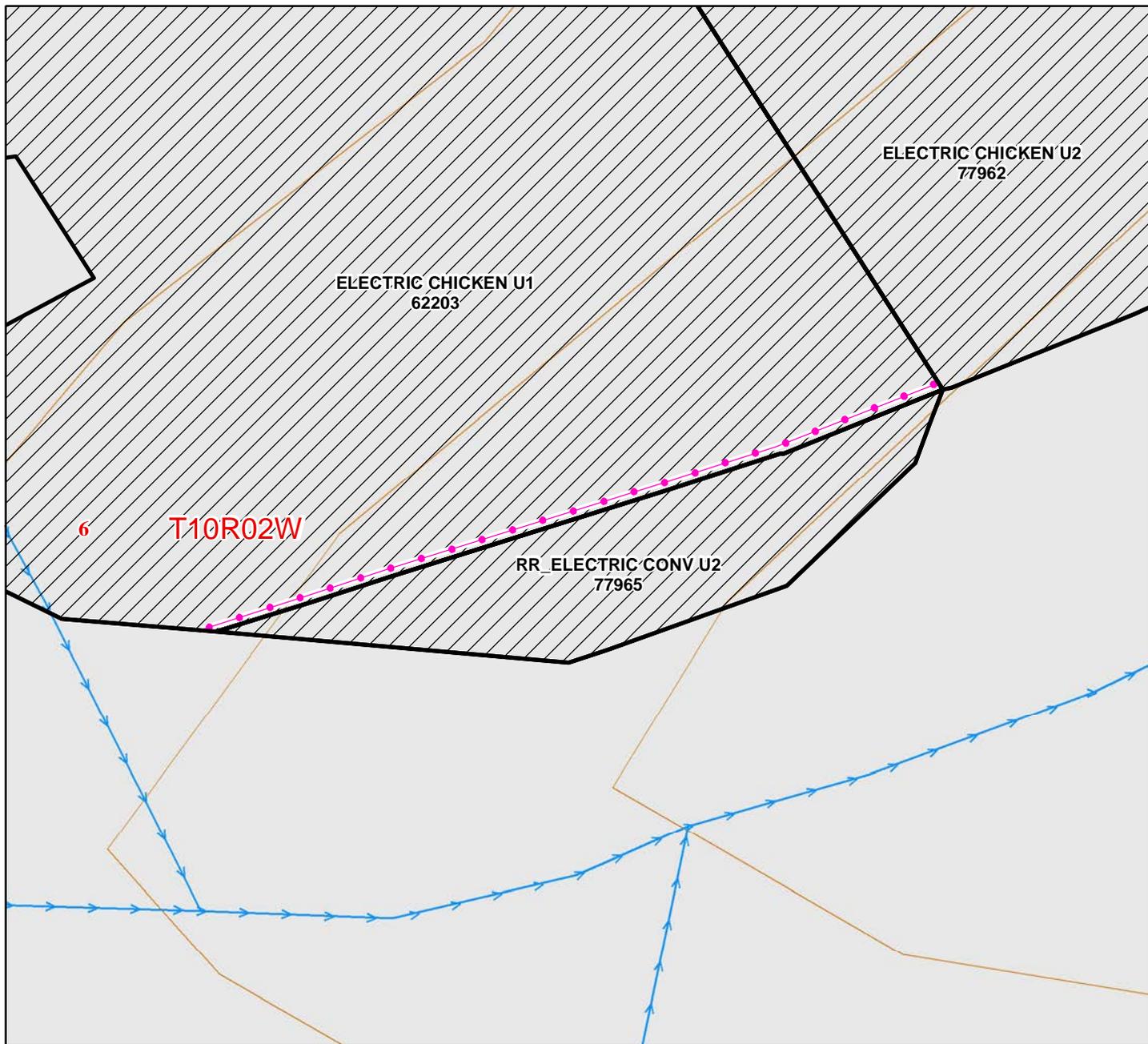
Work Unit: St Helens

Unit Acres: 1

Unit No. 11

Unit Name: RR_Electric Conv U2

Treatment Acres: 1



	Unit Boundary		Gate		Elevation Range: 700-800 Gate: No Key: Year Harvested: 2013 Herbicide Mix No. 1 Minimum Crew Size: 10
	Treatment Area		Tank Trap		
	DNR Managed Lands		Earth Barrier		
	Existing Roads		Other Barrier		
	Non-Driveable Access		Streams		
	Trails		Wetland		
	Pink Flagging/Orange Paint		Water Buffer		

40' Contours 1:1,000

Washington State Department of Natural Resources • Invitation to Bid • Contract # 1452 37

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

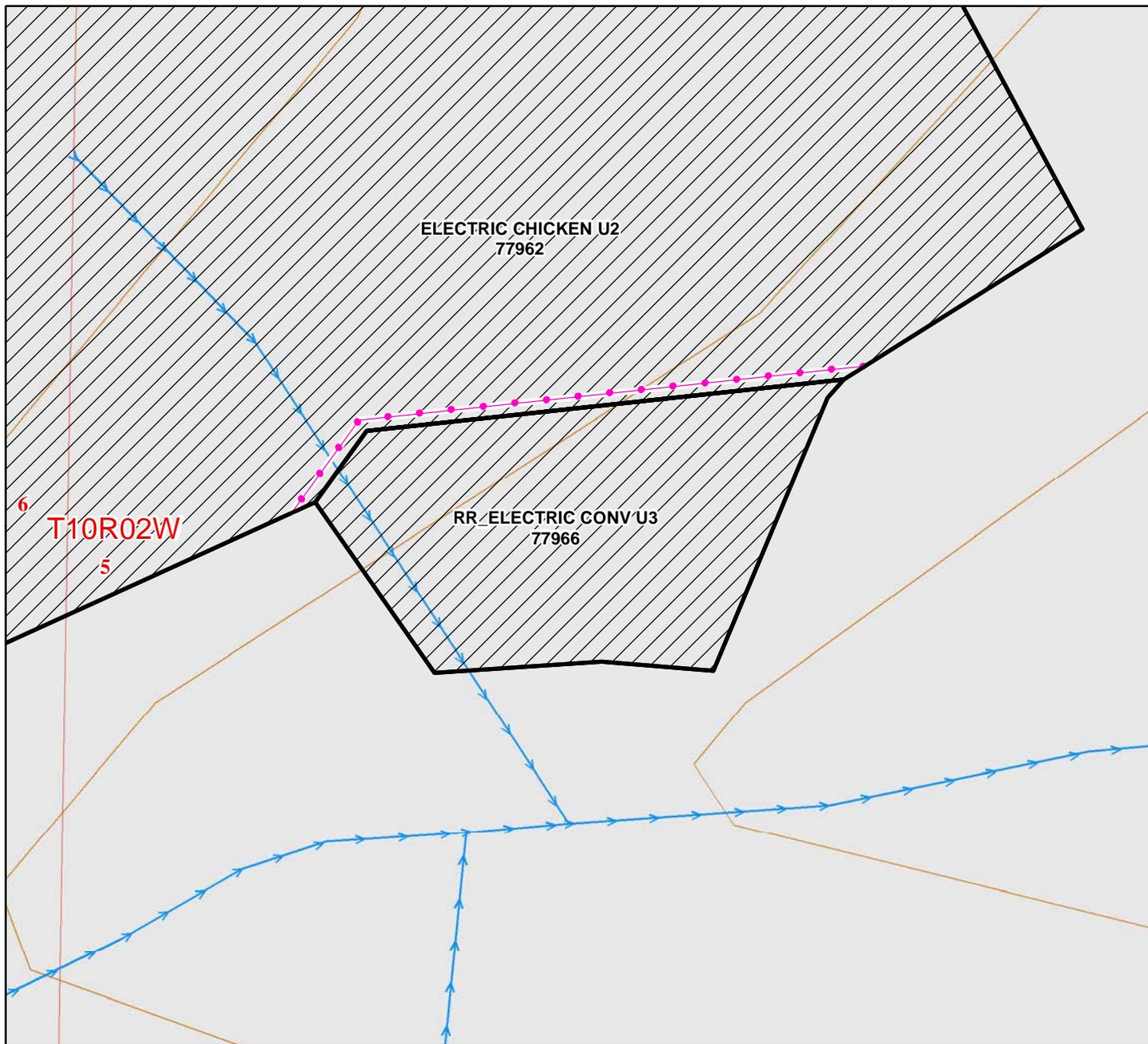
Work Unit: St Helens

Unit Acres: 1

Unit No. 12

Unit Name: RR_Electric Conv U3

Treatment Acres: 1



	Unit Boundary		Gate		Elevation Range: 700-800	1:1,000
	Treatment Area		Tank Trap		Gate: No	
	DNR Managed Lands		Earth Barrier	Key:	Year Harvested: 2013	
	Existing Roads		Other Barrier		Streams	Herbicide Mix No. 1
	Non-Driveable Access		Wetland		Water Buffer	Minimum Crew Size: 10
	Trails					
	Pink Flagging/Orange Paint					

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

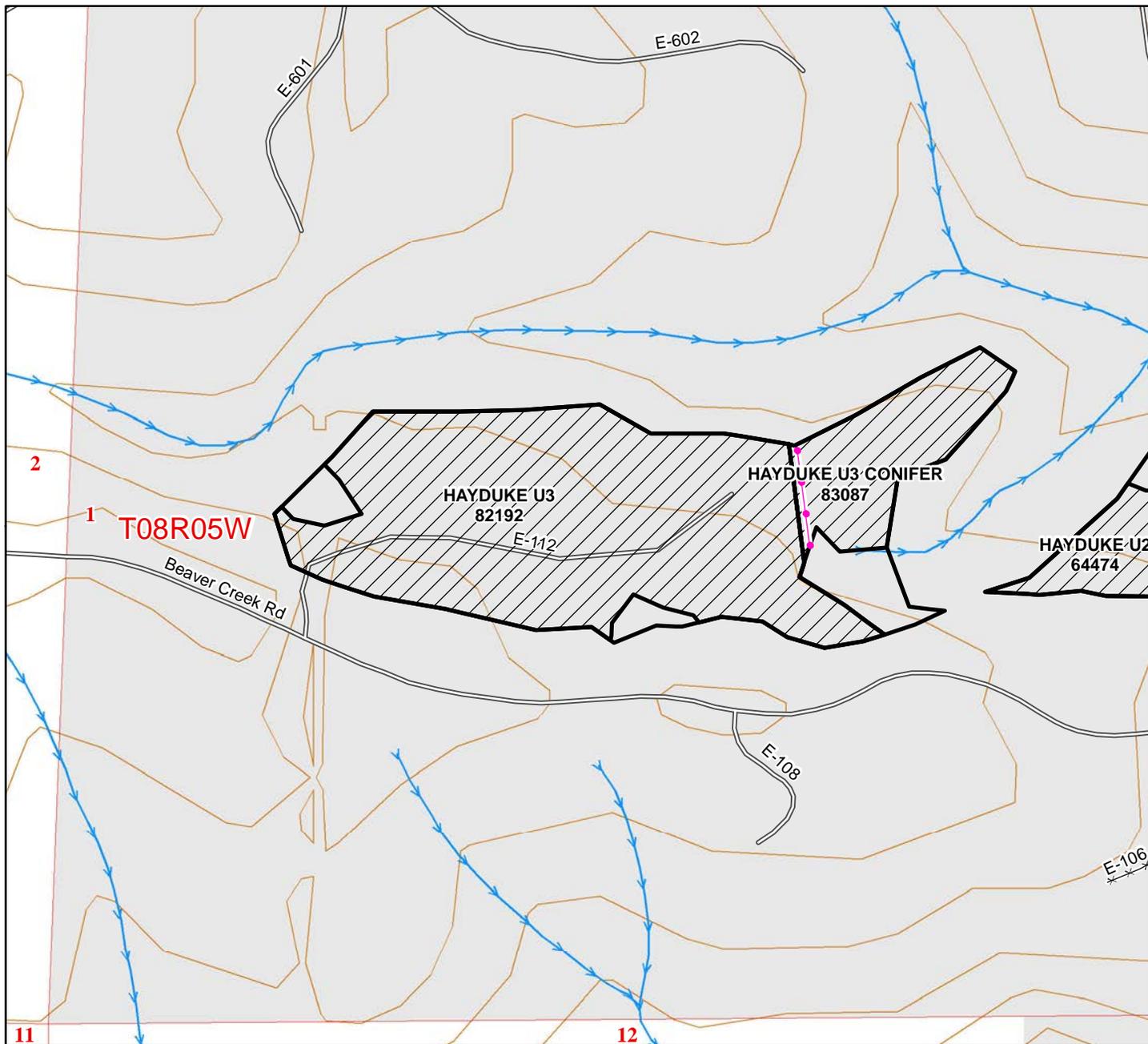
Work Unit: St Helens

Unit Acres: 17

Unit No. 13

Unit Name: Hayduke U3

Treatment Acres: 15



	Unit Boundary		Gate		Elevation Range: 900-1000
	Treatment Area		Tank Trap		Gate: No
	DNR Managed Lands		Earth Barrier	Key:	Year Harvested: 2012
	Existing Roads		Other Barrier		Streams
	Non-Driveable Access		Wetland		Water Buffer
	Trails				Herbicide Mix No. 5
	Pink Flagging/Orange Paint				Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

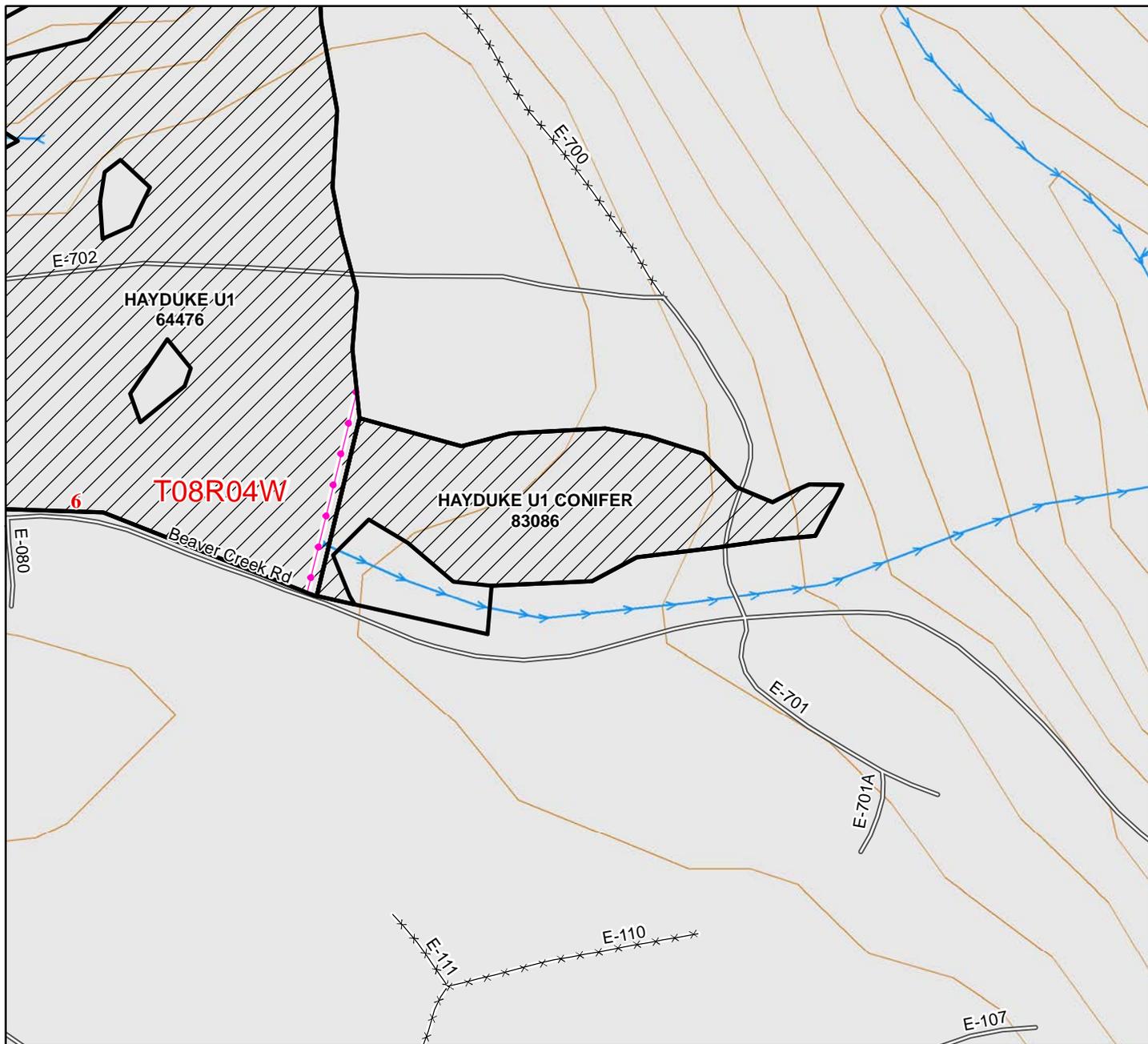
Work Unit: St Helens

Unit Acres: 7

Unit No. 14

Unit Name: Hayduke U1 Conifer

Treatment Acres: 6



- | | | | |
|--|----------------------------|--|---------------|
| | Unit Boundary | | 40' Contours |
| | Treatment Area | | Gate |
| | DNR Managed Lands | | Tank Trap |
| | Existing Roads | | Earth Barrier |
| | Non-Driveable Access | | Other Barrier |
| | Trails | | Streams |
| | Pink Flagging/Orange Paint | | Wetland |
| | | | Water Buffer |



Elevation Range: 700-800
 Gate: No
 Key:
 Year Harvested: 2012
 Herbicide Mix No. 1
 Minimum Crew Size: 10

1:4,000

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

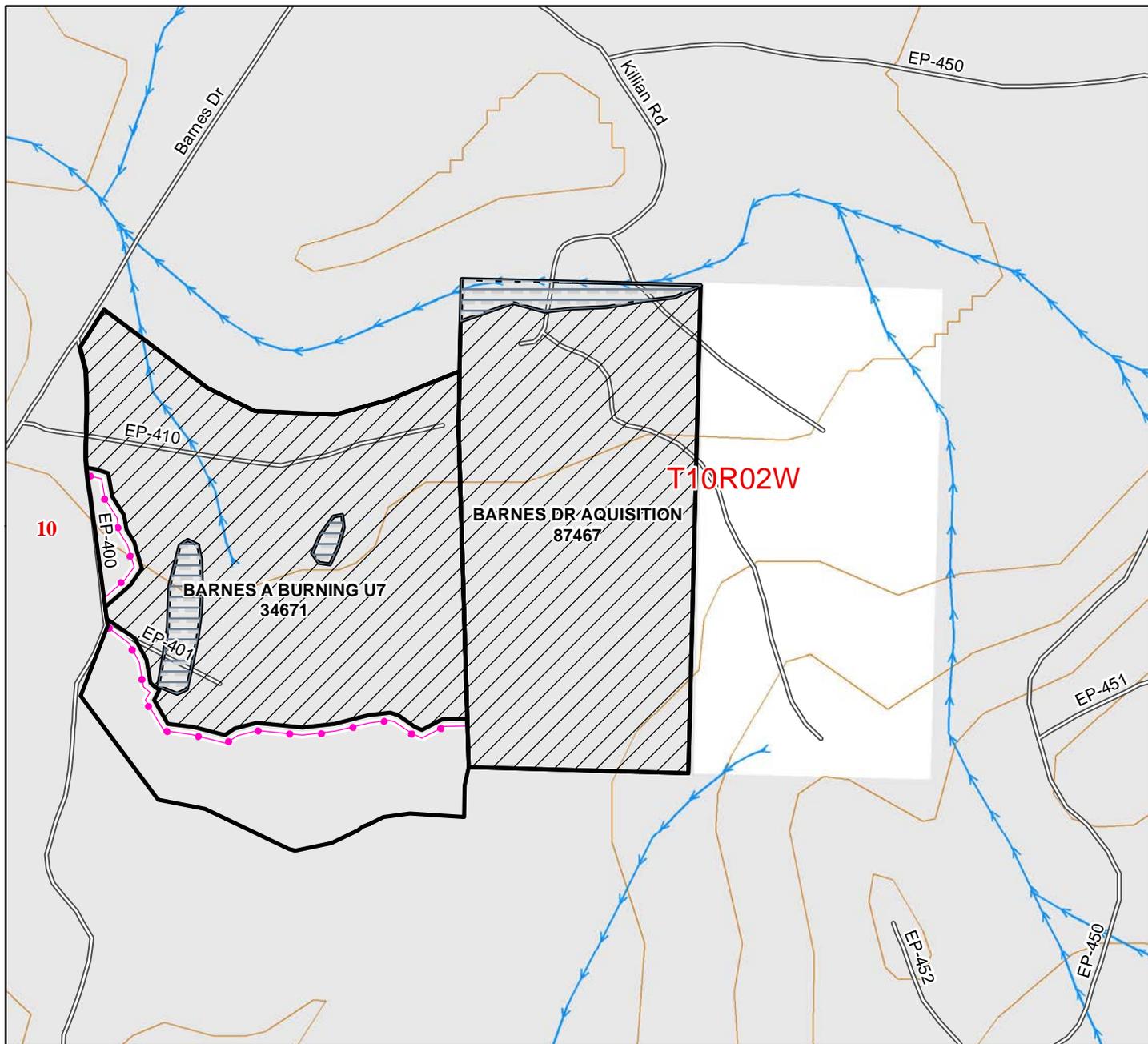
Work Unit: St Helens

Unit Acres: 20

Unit No. 15

Unit Name: Barnes DR Aquisition

Treatment Acres: 18



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours



Elevation Range: 138-205

Gate:

Key:

Year Harvested: 2012

Herbicide Mix No. 4

Minimum Crew Size: 5

1:5,000

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

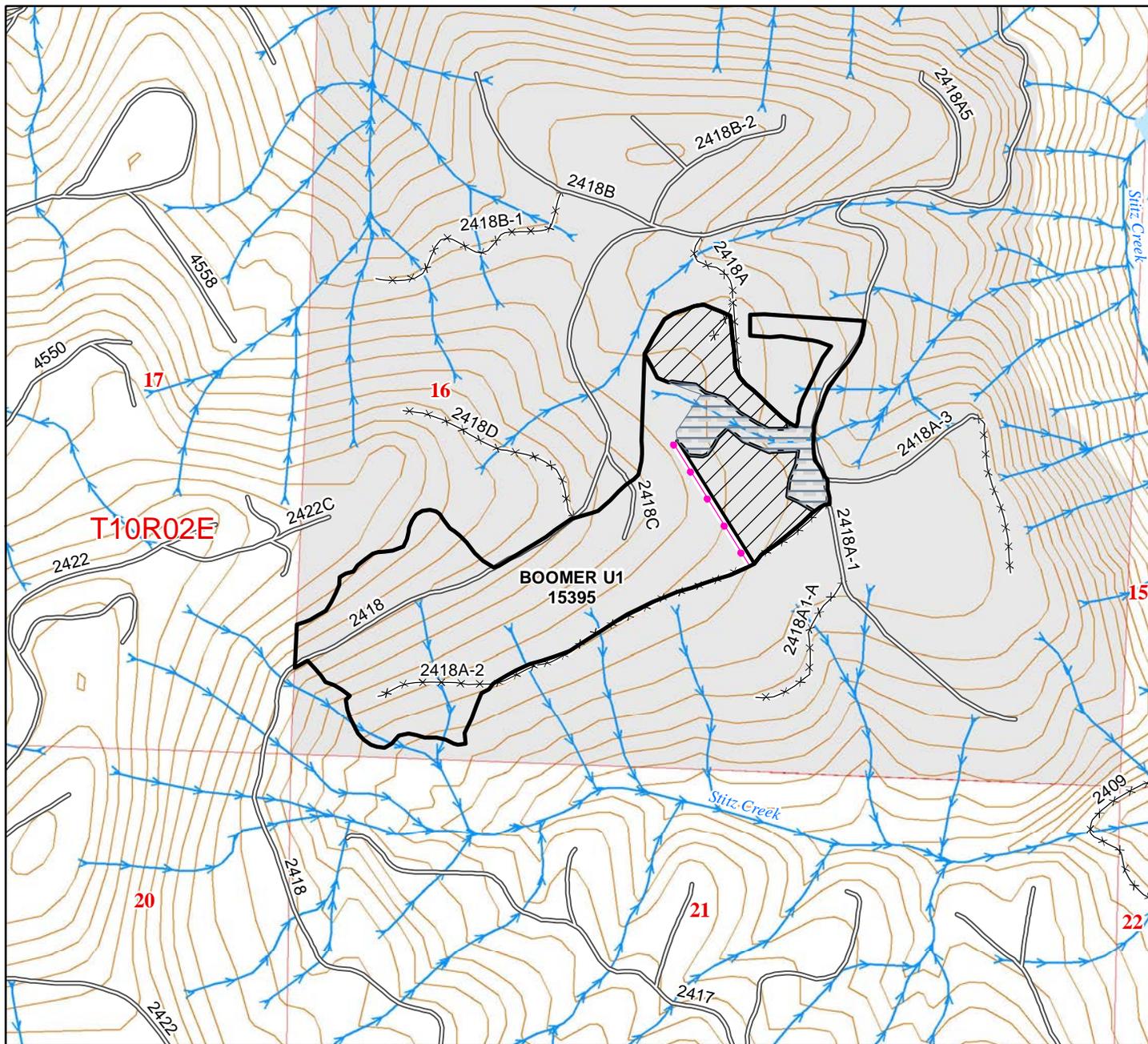
Work Unit: St Helens

Unit Acres: 89

Unit No. 16

Unit Name: Boomer U1

Treatment Acres: 15



	Unit Boundary		Gate		Elevation Range: 1618-2113 Gate: No Key: Year Harvested: 2007 Herbicide Mix No. 10 Minimum Crew Size: 10
	Treatment Area		Tank Trap		
	DNR Managed Lands		Earth Barrier		
	Existing Roads		Other Barrier		
	Non-Driveable Access		Streams		
	Trails		Wetland		
	Pink Flagging/Orange Paint		Water Buffer		

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

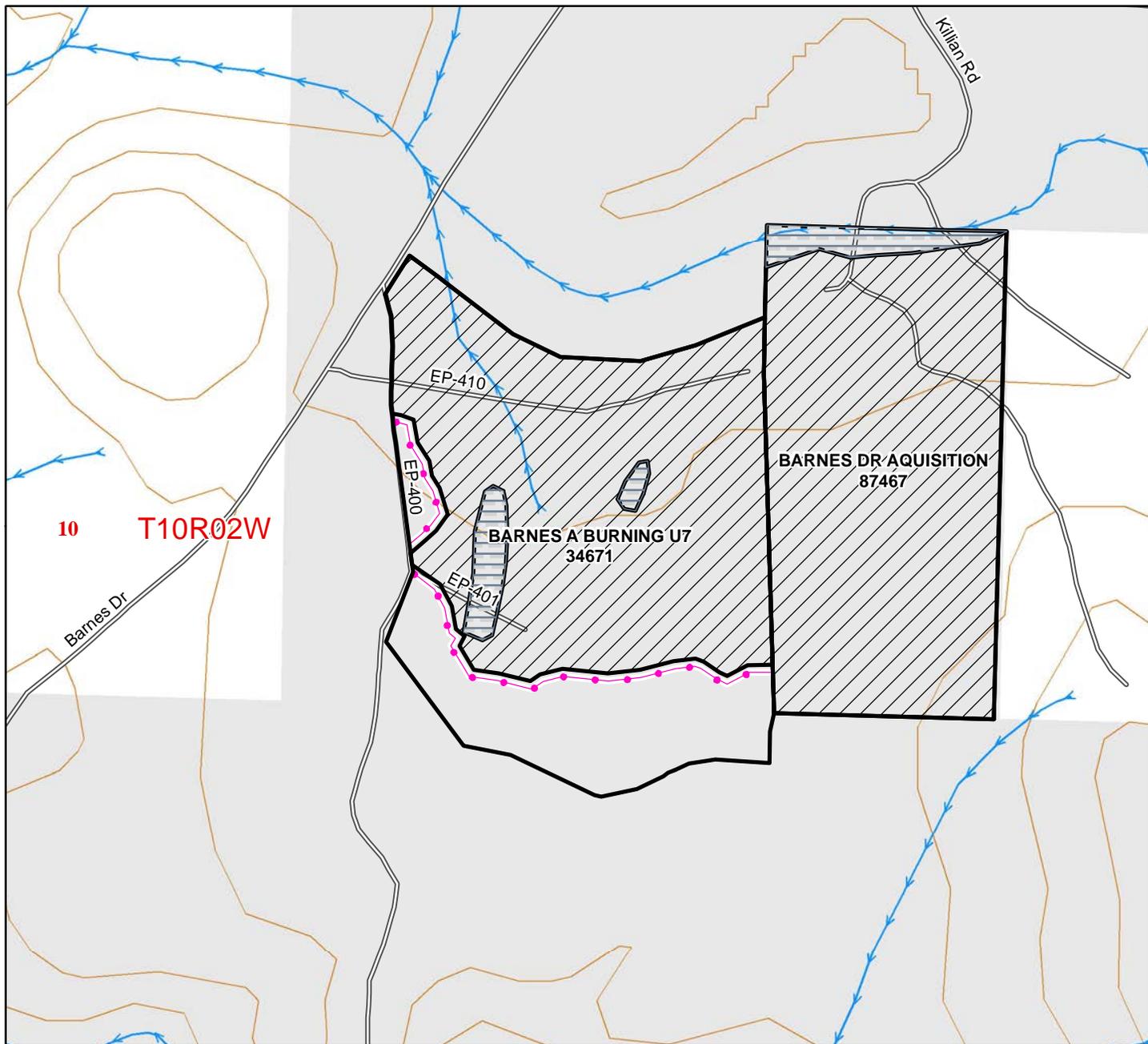
Work Unit: St Helens

Unit Acres: 27

Unit No. 17

Unit Name: Barnes A Burning U7

Treatment Acres: 19



	Unit Boundary		Gate		Elevation Range: 138-186 Gate: Key: Year Harvested: 2009 Herbicide Mix No. 4 Minimum Crew Size: 10
	Treatment Area		Tank Trap	1:5,000	
	DNR Managed Lands		Earth Barrier		
	Existing Roads		Other Barrier		
	Non-Driveable Access		Streams		
	Trails		Wetland		
	Pink Flagging/Orange Paint		Water Buffer		

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

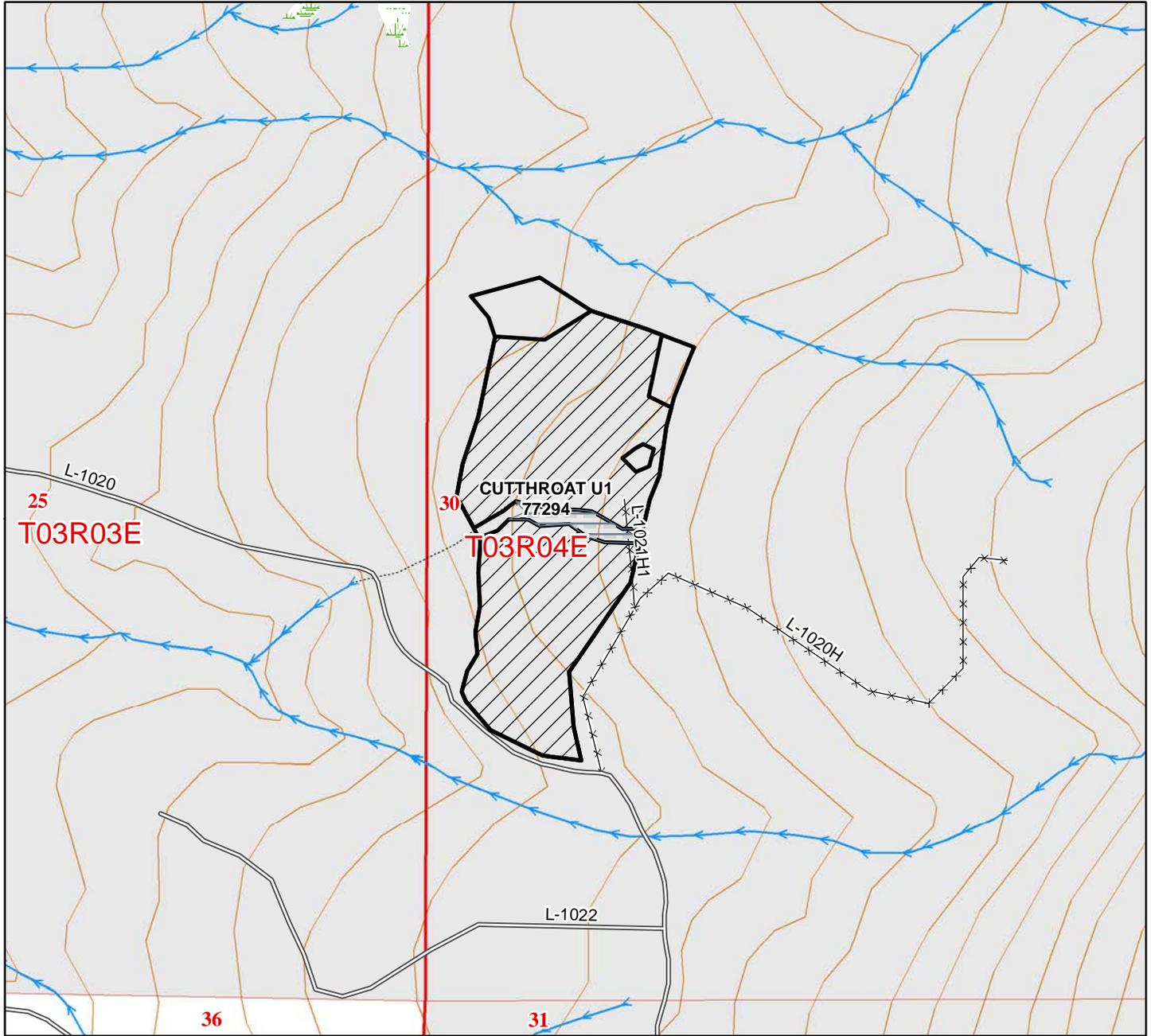
Work Unit: Yacolt

Unit Acres: 17

Unit No. 18

Unit Name: Cutthroat U1

Treatment Acres: 15



	Unit Boundary		Gate		Elevation Range: 1300 - 1400 Gate: Yes Key: PCP1-1 - DNR Year Harvested: 2012 Herbicide Mix No. 2 Minimum Crew Size: 5
	Treatment Area		Tank Trap	40' Contours 1:6,000	
	DNR Managed Lands		Earth Barrier		
	Existing Roads		Streams		Wetland
	Non-Driveable Access		Trails		Water Buffer
	Pink Flagging/Orange Paint				

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

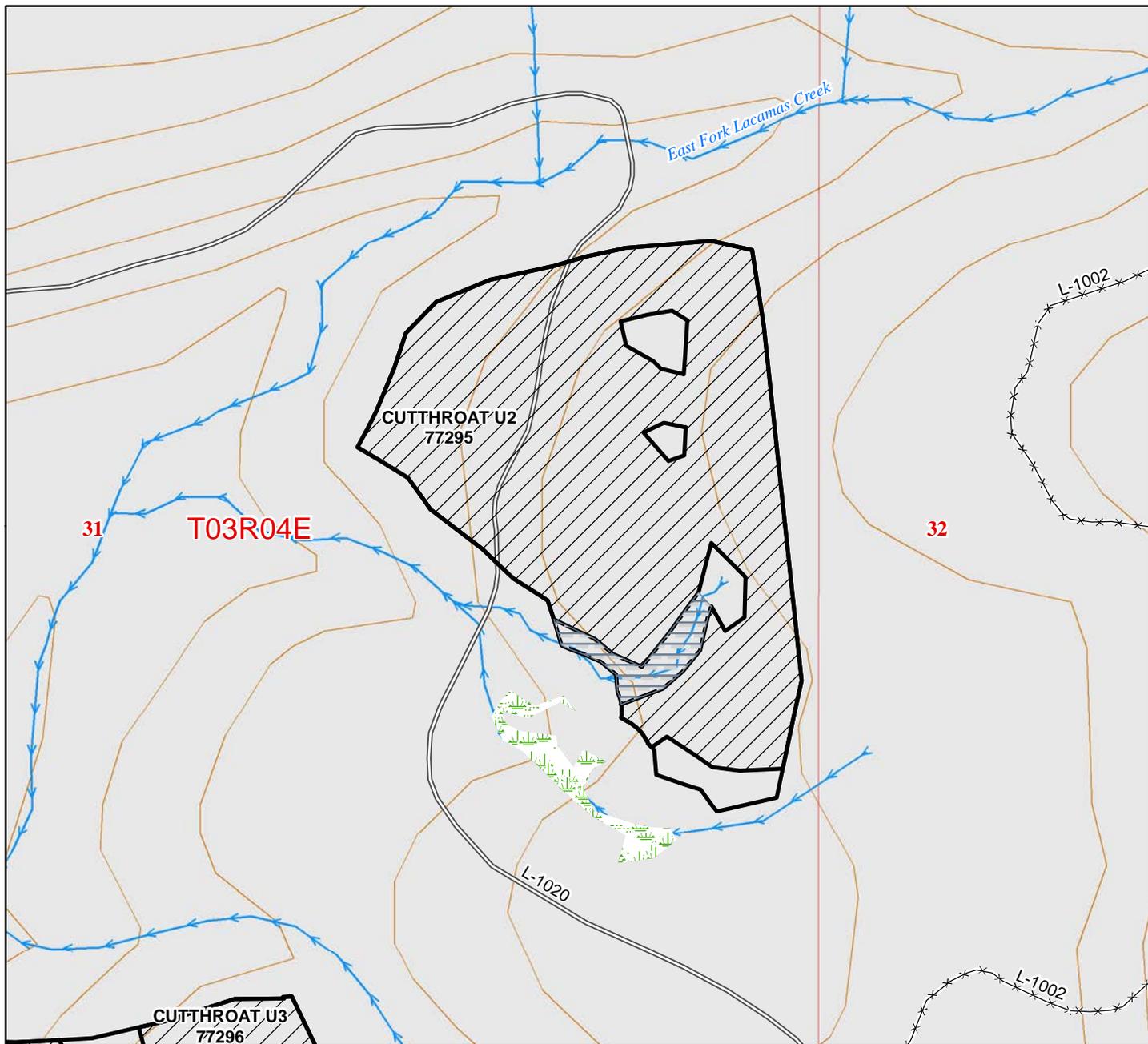
Work Unit: Yacolt

Unit Acres: 17

Unit No. 19

Unit Name: Cutthroat U2

Treatment Acres: 15



	Unit Boundary		Gate		40' Contours		Elevation Range: 1500 - 1700
	Treatment Area		Tank Trap		Earth Barrier		Gate: Yes
	DNR Managed Lands		Other Barrier		Streams		Key: PCP1-1 - DNR
	Existing Roads		Wetland		Water Buffer		Year Harvested: 2012
	Non-Driveable Access		Trails		Pink Flagging/Orange Paint		Herbicide Mix No. 2
							Minimum Crew Size: 5

1:4,000

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

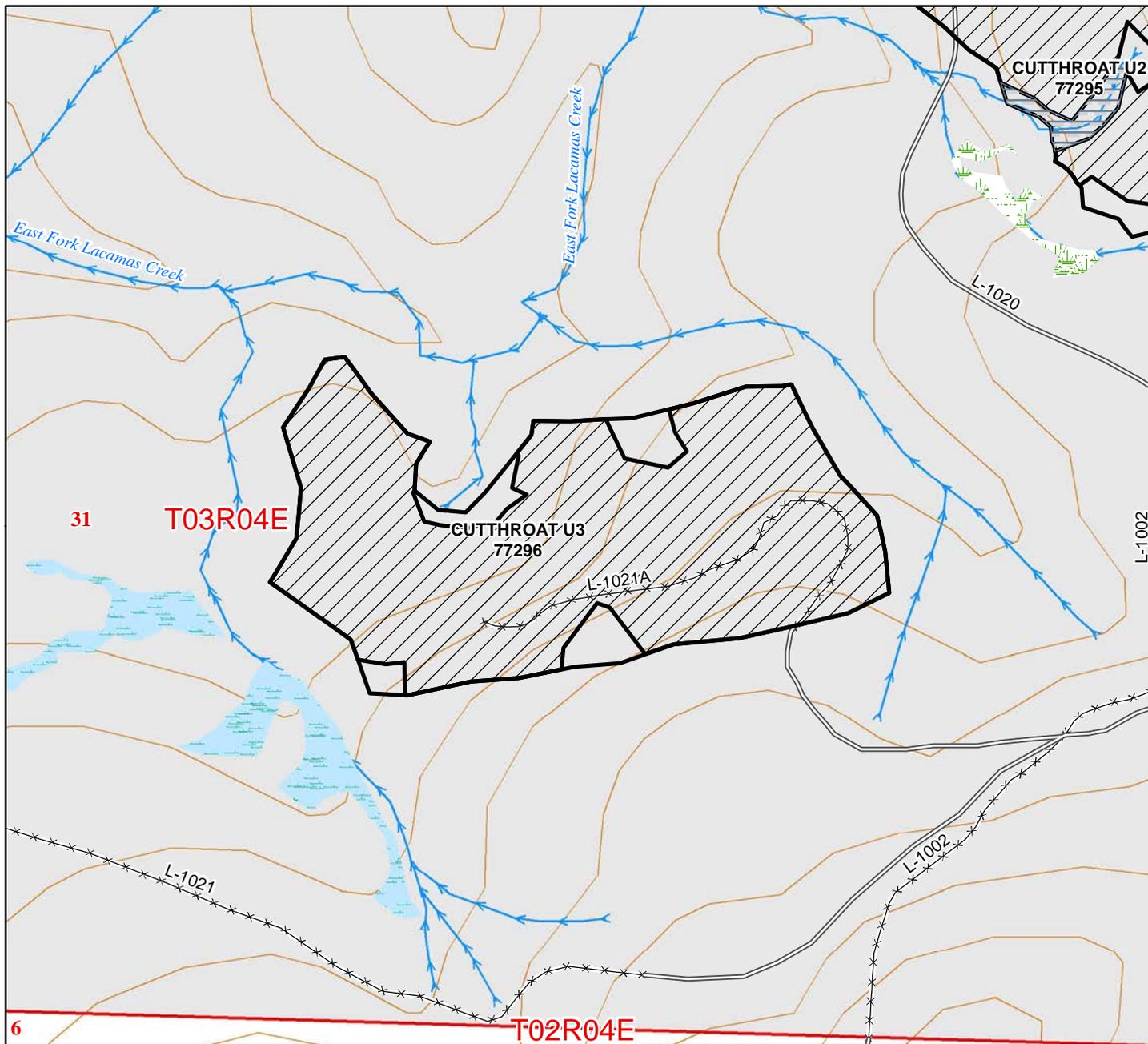
Work Unit: Yacolt

Unit Acres: 23

Unit No. 20

Unit Name: Cutthroat U3

Treatment Acres: 21



6



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours

1:5,000



Elevation Range: 1400 - 1600

Gate: Yes

Key: PCP1-1 - DNR

Year Harvested: 2012

Herbicide Mix No. 2

Minimum Crew Size: 5

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

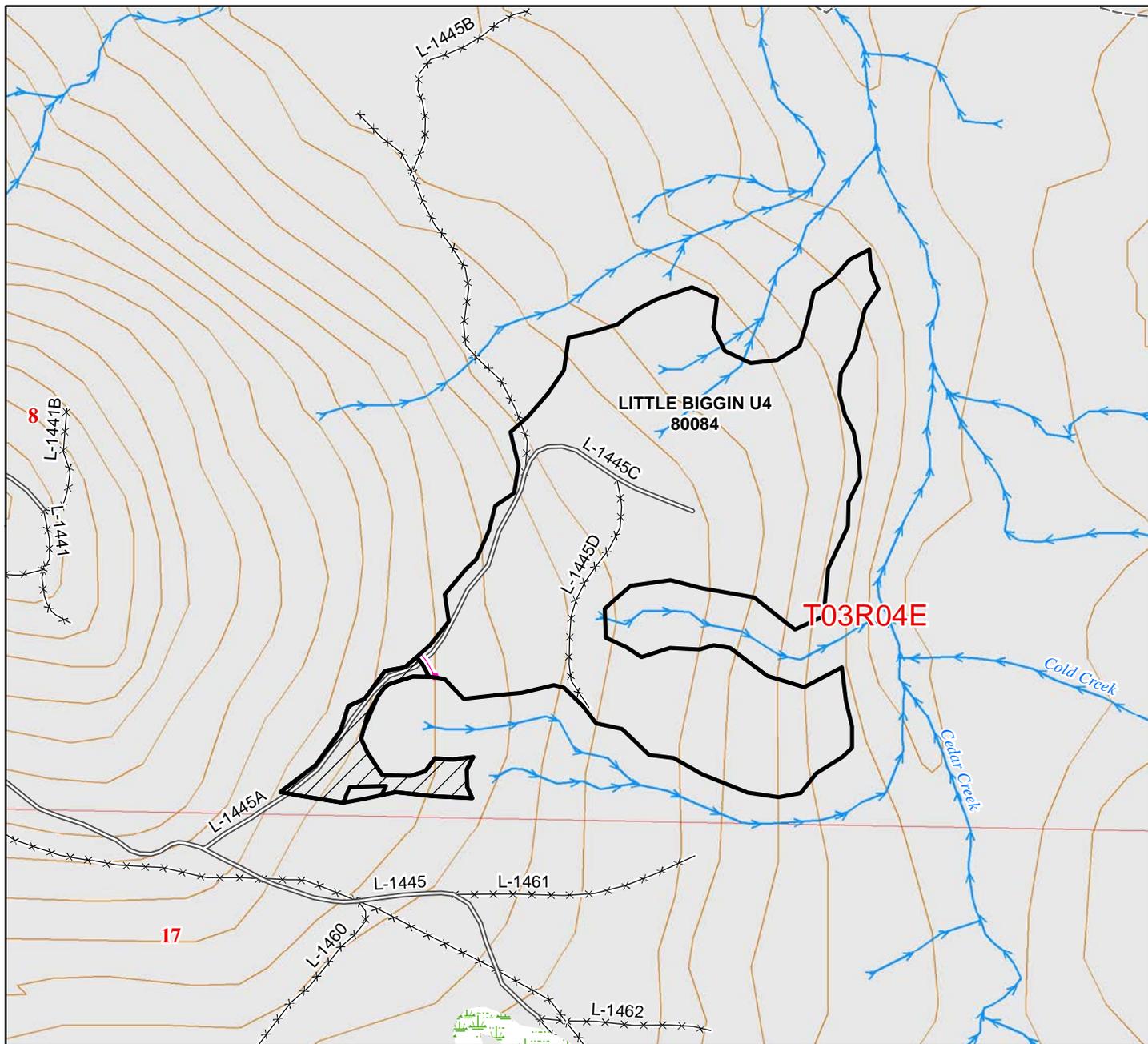
Work Unit: Yacolt

Unit Acres: 48

Unit No. 21

Unit Name: Little Biggin U4

Treatment Acres: 3



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours

1:7,000

Elevation Range: 1100 - 1500

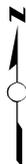
Gate: Yes

Key: PCP1-1 - DNR

Year Harvested: 2012

Herbicide Mix No. 1

Minimum Crew Size: 5



UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

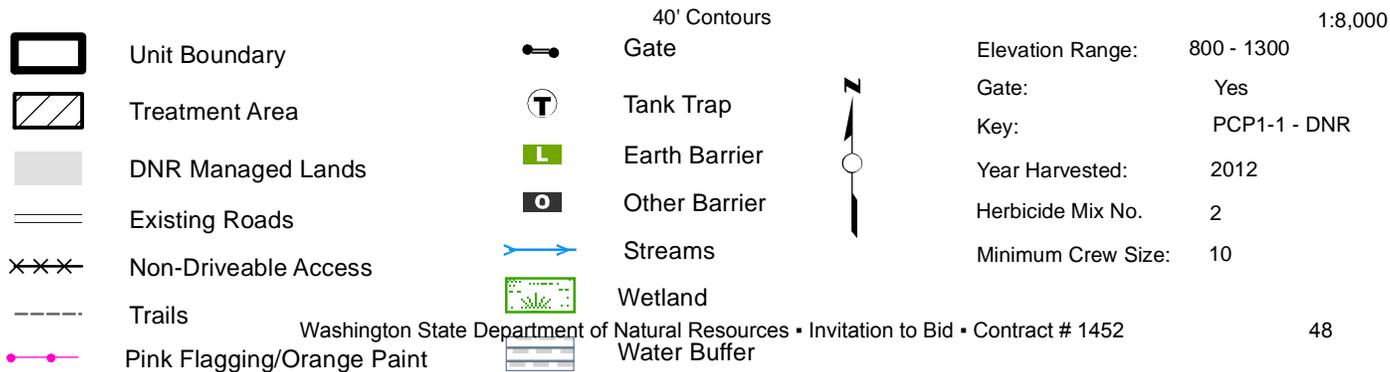
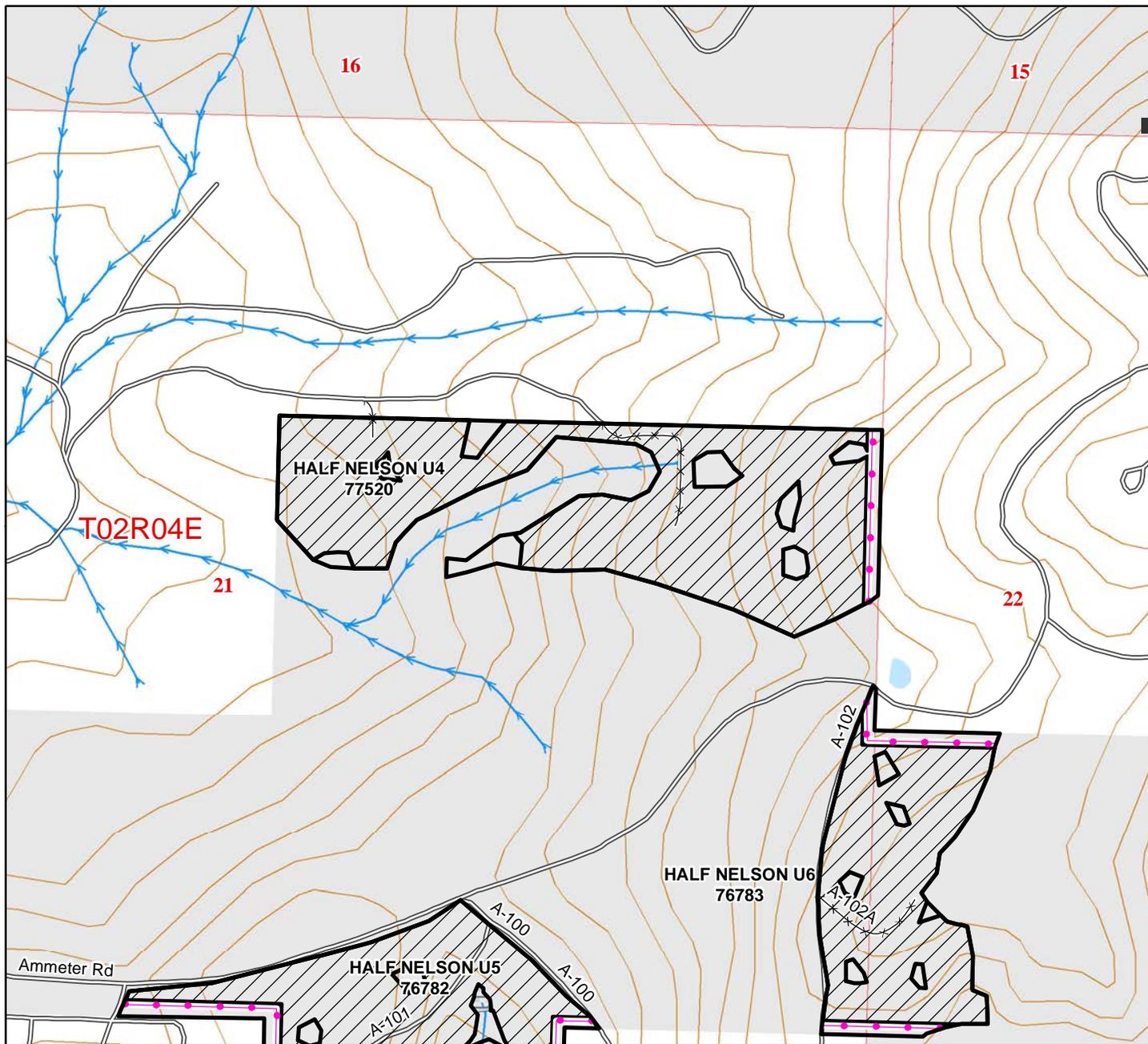
Work Unit: Yacolt

Unit Acres: 36

Unit No. 22

Unit Name: Half Nelson U4

Treatment Acres: 32



UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

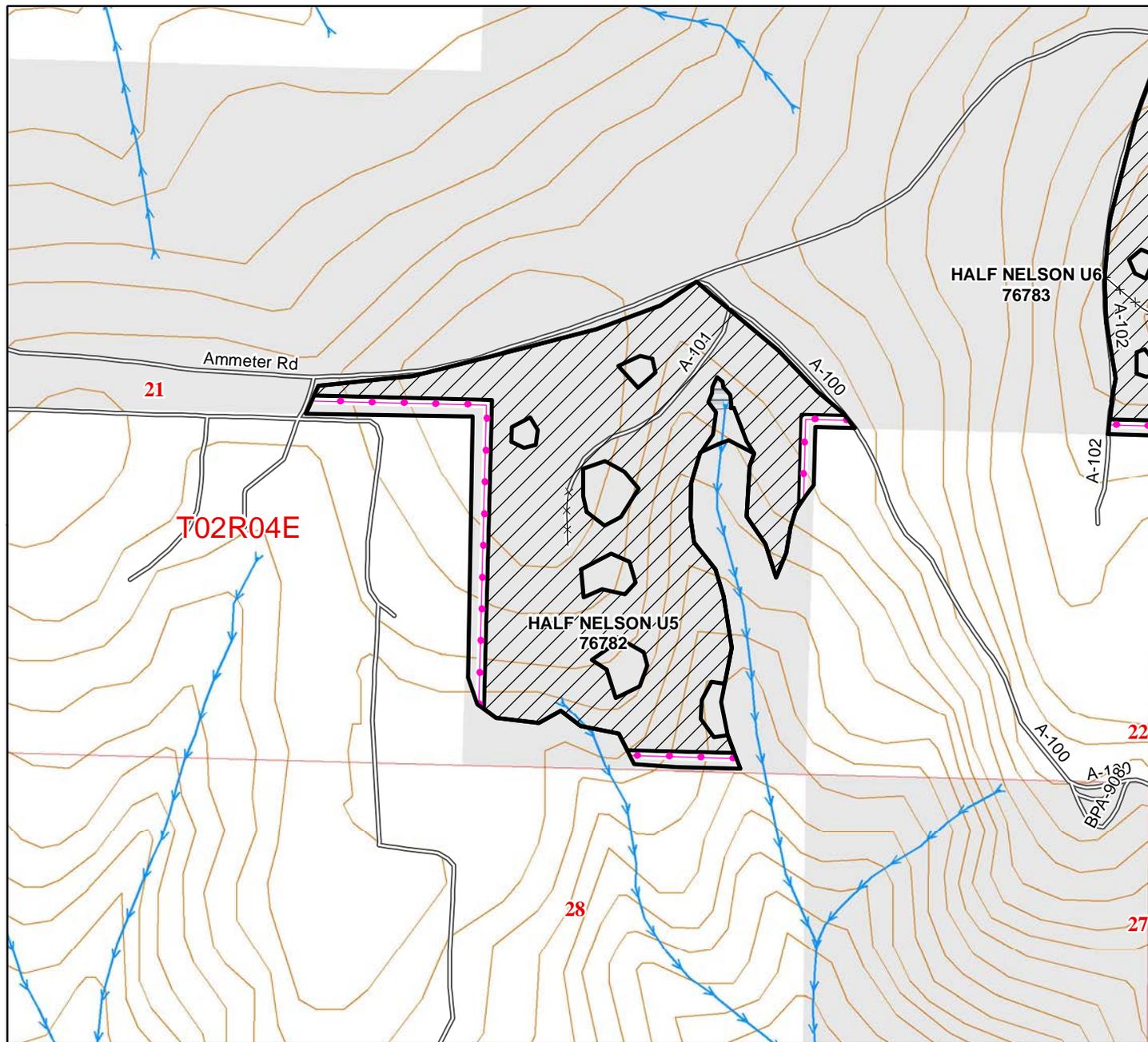
Work Unit: Yacolt

Unit Acres: 41

Unit No. 23

Unit Name: Half Nelson U5

Treatment Acres: 34



	Unit Boundary		Gate		
	Treatment Area		Tank Trap		
	DNR Managed Lands		Earth Barrier		
	Existing Roads		Other Barrier		
	Non-Driveable Access		Streams		
	Trails		Wetland		
	Pink Flagging/Orange Paint		Water Buffer		

40' Contours 1:7,000

Elevation Range: 800 - 1100
 Gate: Yes
 Key: PCP1-1 - DNR
 Year Harvested: 2012
 Herbicide Mix No. 2
 Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

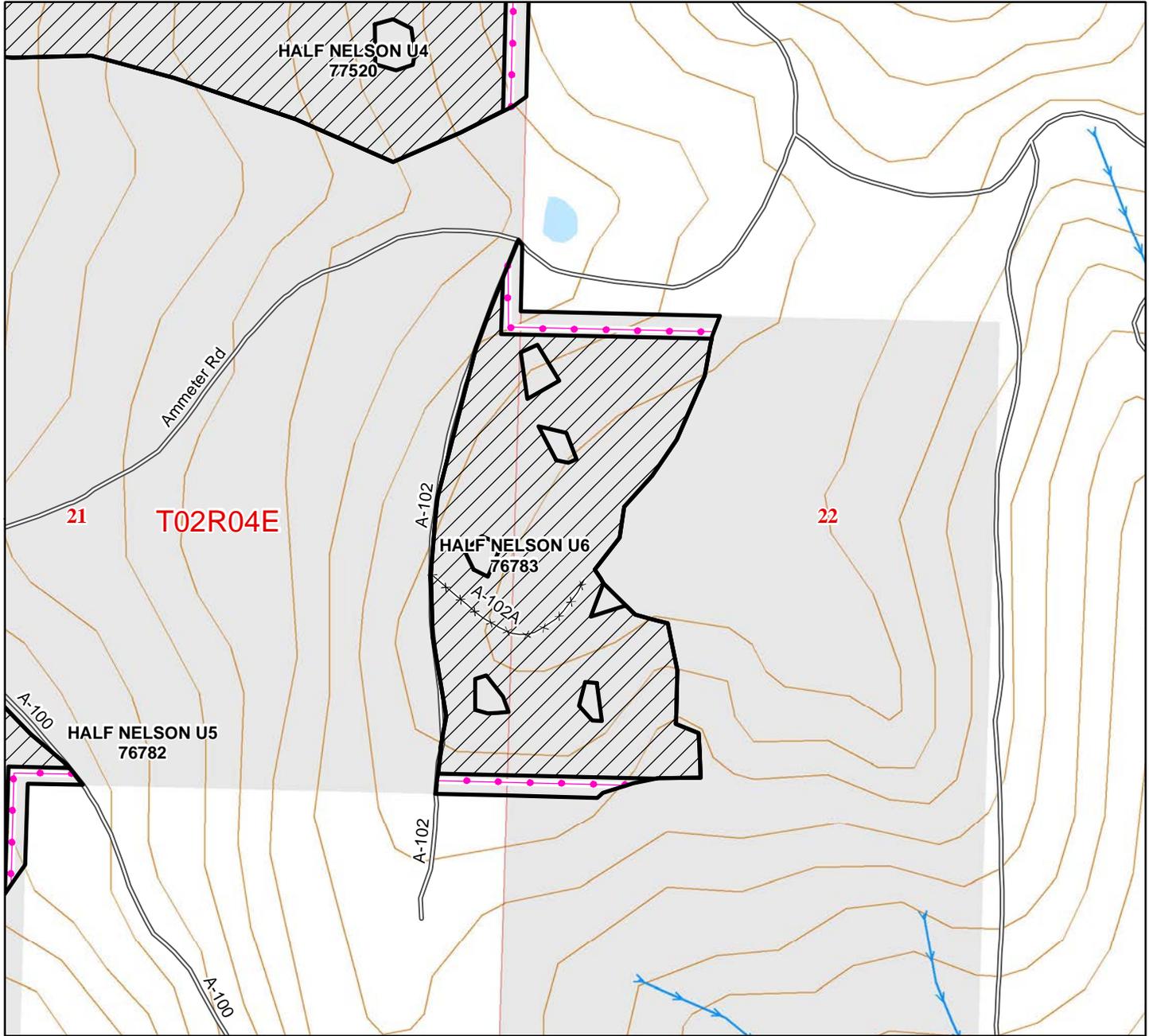
Work Unit: Yacolt

Unit Acres: 19

Unit No. 24

Unit Name: Half Nelson U6

Treatment Acres: 16



	Unit Boundary		Gate		Elevation Range: 1200 - 1400
	Treatment Area		Tank Trap	Gate: No	
	DNR Managed Lands		Earth Barrier		Key:
	Existing Roads		Other Barrier	Year Harvested: 2012	
	Non-Driveable Access		Streams	Herbicide Mix No. 2	
	Trails		Wetland	Minimum Crew Size: 10	
	Pink Flagging/Orange Paint		Water Buffer		

40' Contours 1:5,000

Washington State Department of Natural Resources • Invitation to Bid • Contract # 1452 50

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

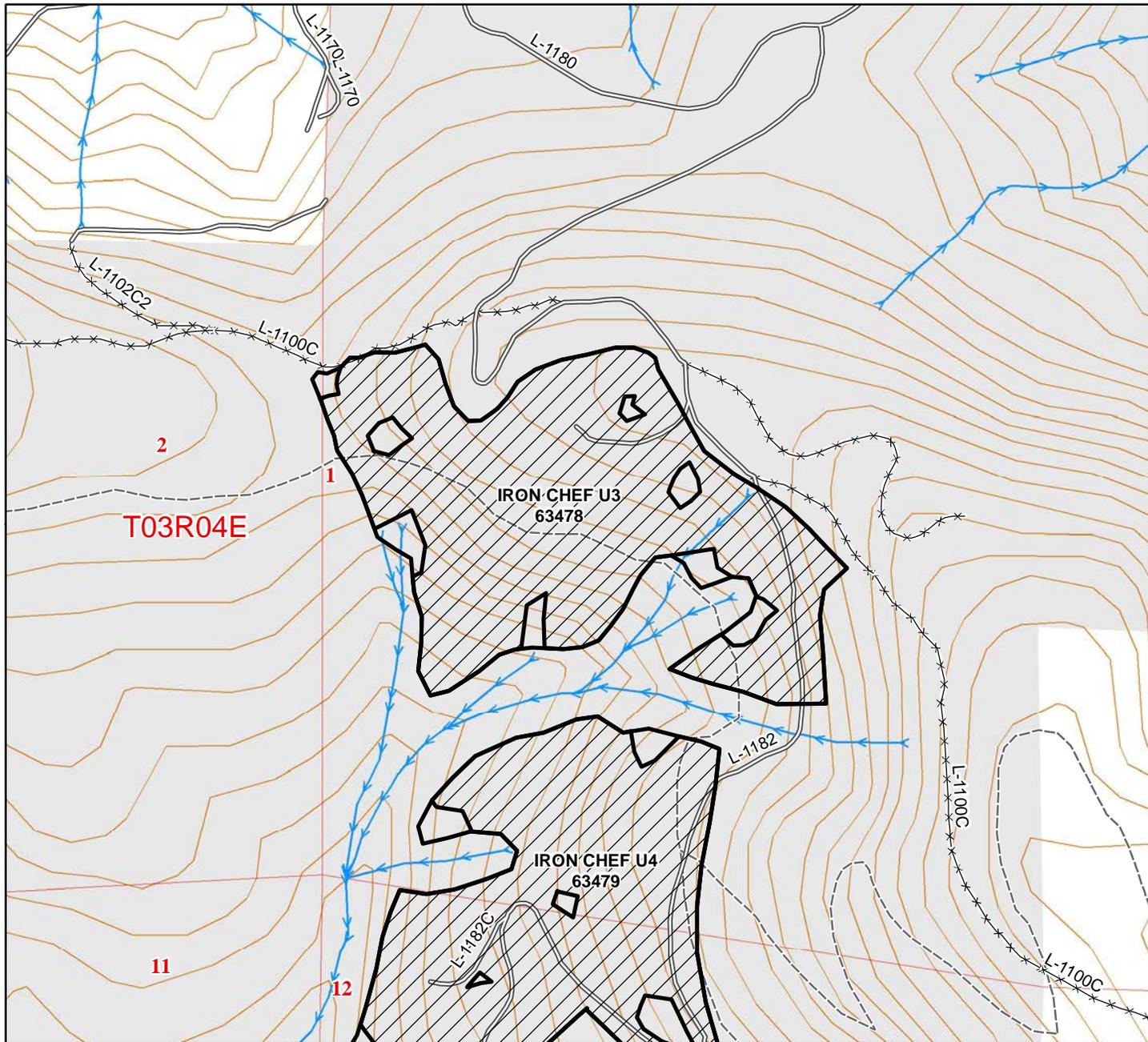
Work Unit: Yacolt

Unit Acres: 37

Unit No. 25

Unit Name: Iron Chef U3

Treatment Acres: 34



	Unit Boundary		Gate		Elevation Range: 2100 - 2600 Gate: Yes Key: PCP1-1 - DNR Year Harvested: 2008 Herbicide Mix No. 8 Minimum Crew Size: 10
	Treatment Area		Tank Trap		
	DNR Managed Lands		Earth Barrier		
	Existing Roads		Other Barrier		
	Non-Driveable Access		Streams		
	Trails		Wetland		
	Pink Flagging/Orange Paint		Water Buffer		

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

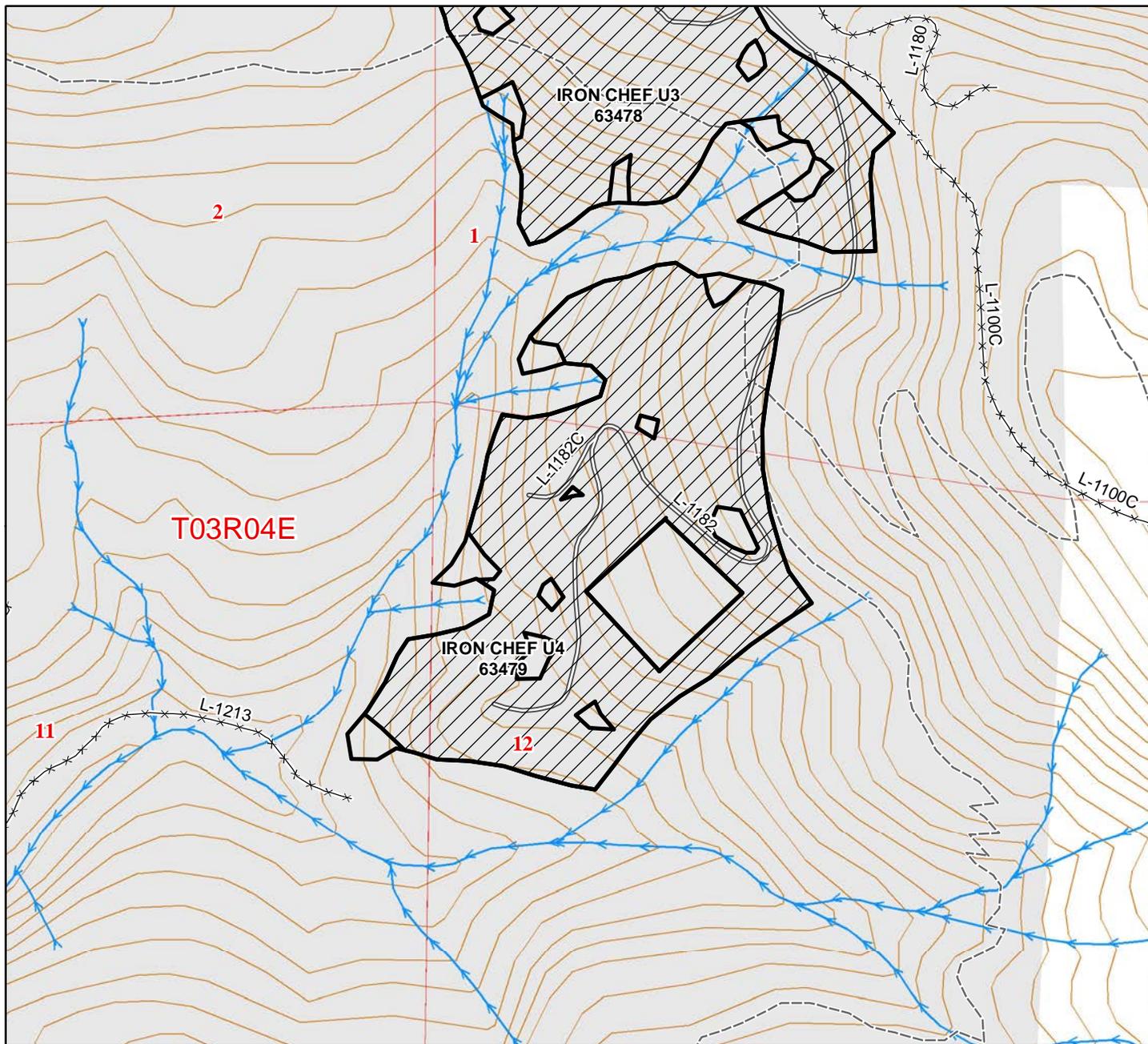
Work Unit: Yacolt

Unit Acres: 54

Unit No. 26

Unit Name: Iron Chef U4

Treatment Acres: 50



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours

1:8,000



Elevation Range: 1800 - 2400

Gate: Yes

Key: PCP1-1 - DNR

Year Harvested: 2008

Herbicide Mix No. 8

Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

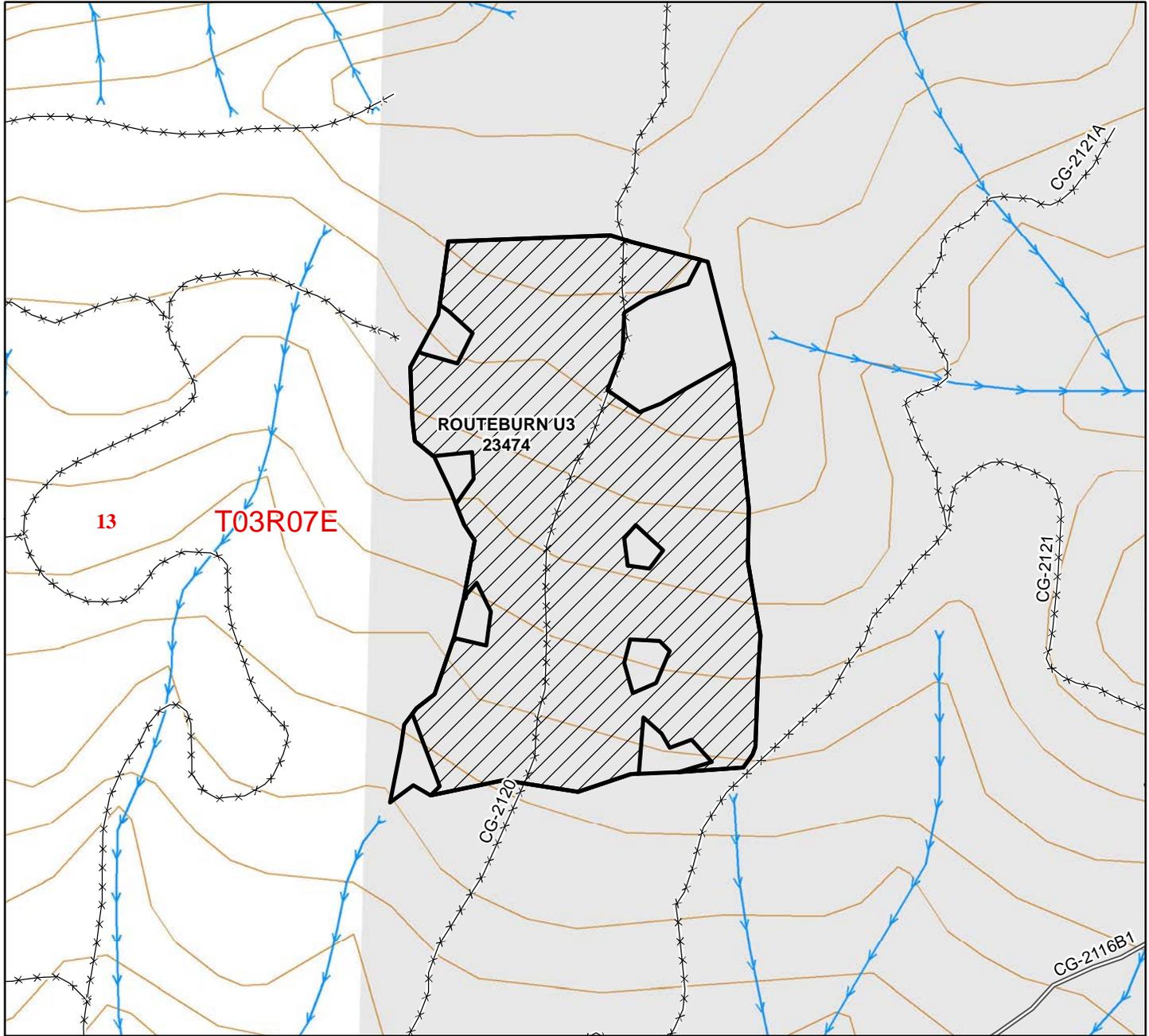
Work Unit: Yacolt

Unit Acres: 29

Unit No. 27

Unit Name: Routeburn U3

Treatment Acres: 25



	Unit Boundary		Gate		Elevation Range: 2200 - 2600
	Treatment Area		Tank Trap	Gate: No	
	DNR Managed Lands		Earth Barrier		Key:
	Existing Roads		Other Barrier	Year Harvested: 2012	
	Non-Driveable Access		Streams	Herbicide Mix No. 2	
	Trails		Wetland	Minimum Crew Size: 10	
	Pink Flagging/Orange Paint		Water Buffer		

40' Contours 1:5,000

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

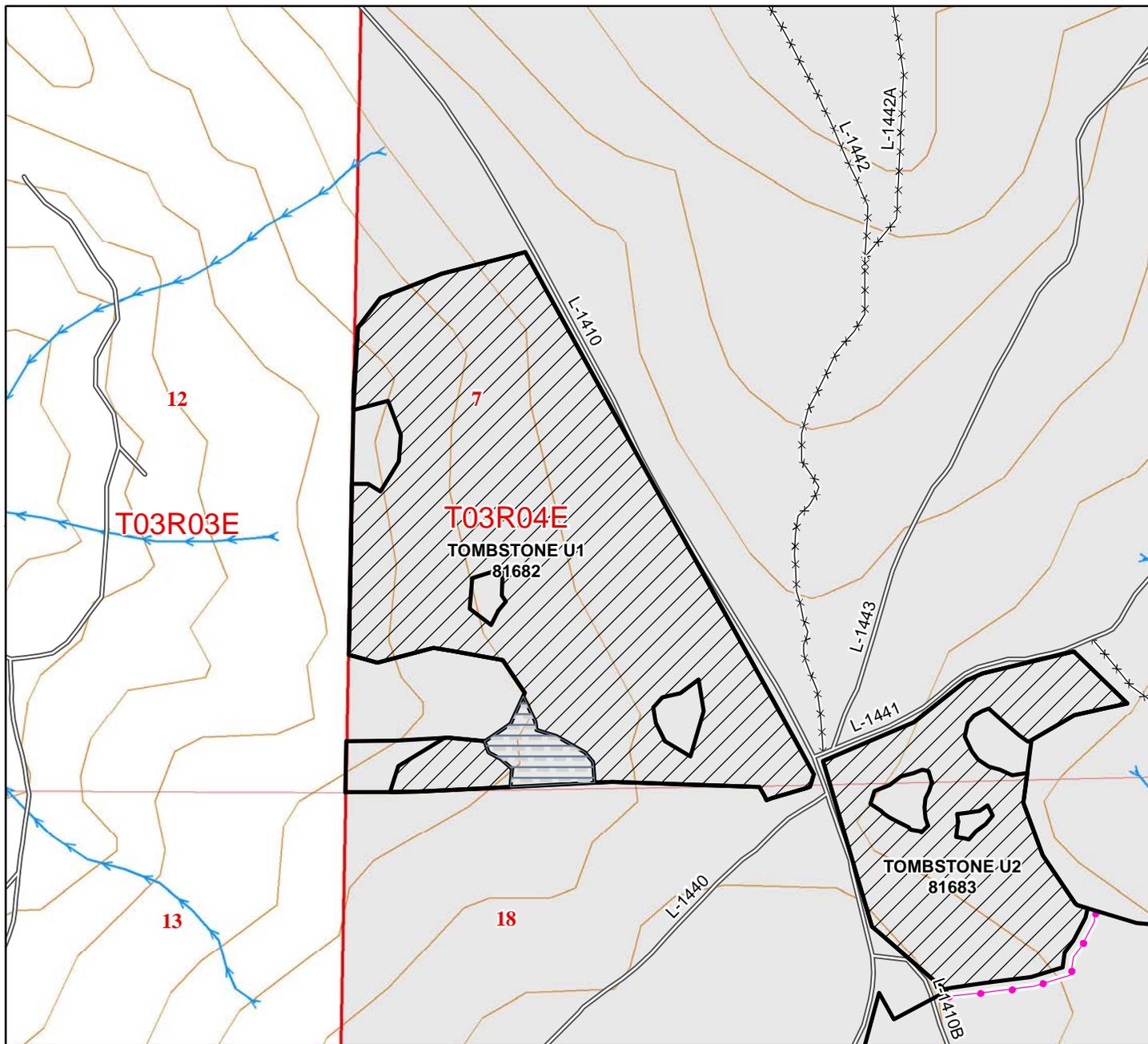
Work Unit: Yacolt

Unit Acres: 26

Unit No. 28

Unit Name: Tombstone U1

Treatment Acres: 24



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours



Elevation Range: 1800 - 2000

Gate: Yes

Key: PCP1-1 - DNR

Year Harvested: 2012

Herbicide Mix No. 1

Minimum Crew Size: 10

1:5,000

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

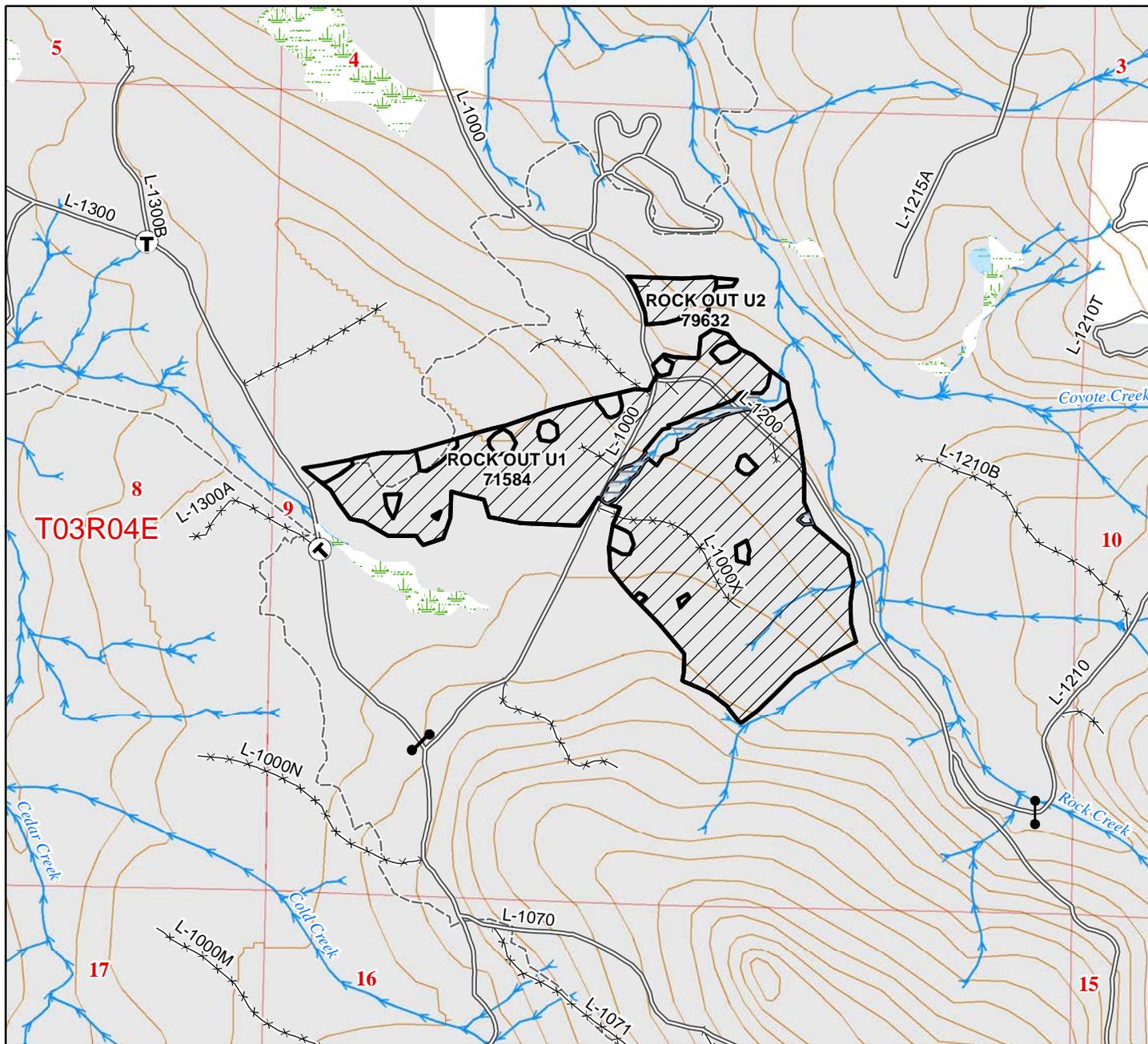
Work Unit: Yacolt

Unit Acres: 86

Unit No. 29

Unit Name: Rock Out U1

Treatment Acres: 78



	Unit Boundary		Gate		Tank Trap		Earth Barrier		Other Barrier		Streams		Wetland		Water Buffer
	Treatment Area		40' Contours		Pink Flagger/Orange Paint										
	DNR Managed Lands														
	Existing Roads														
	Non-Driveable Access														
	Trails														

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8/12/2011 11:12,000

Elevation Range:	1100 - 1300
Gate:	No
Key:	
Year Harvested:	2012
Herbicide Mix No.	2
Minimum Crew Size:	10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

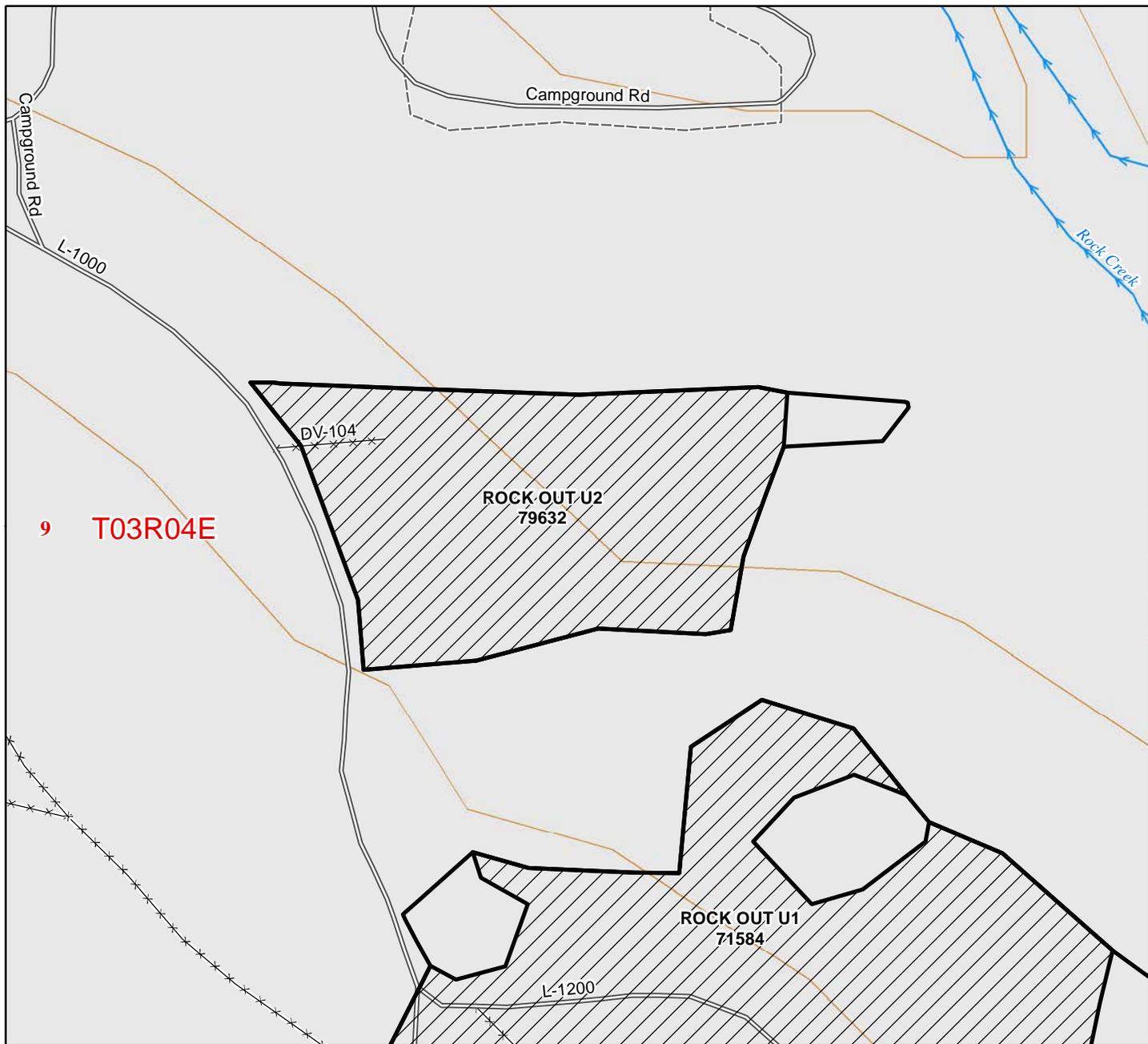
Work Unit: Yacolt

Unit Acres: 3

Unit No. 30

Unit Name: Rock Out U2

Treatment Acres: 3



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours

1:2,000



Elevation Range: 1000 - 1100

Gate: No

Key:

Year Harvested: 2012

Herbicide Mix No. 2

Minimum Crew Size: 5

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

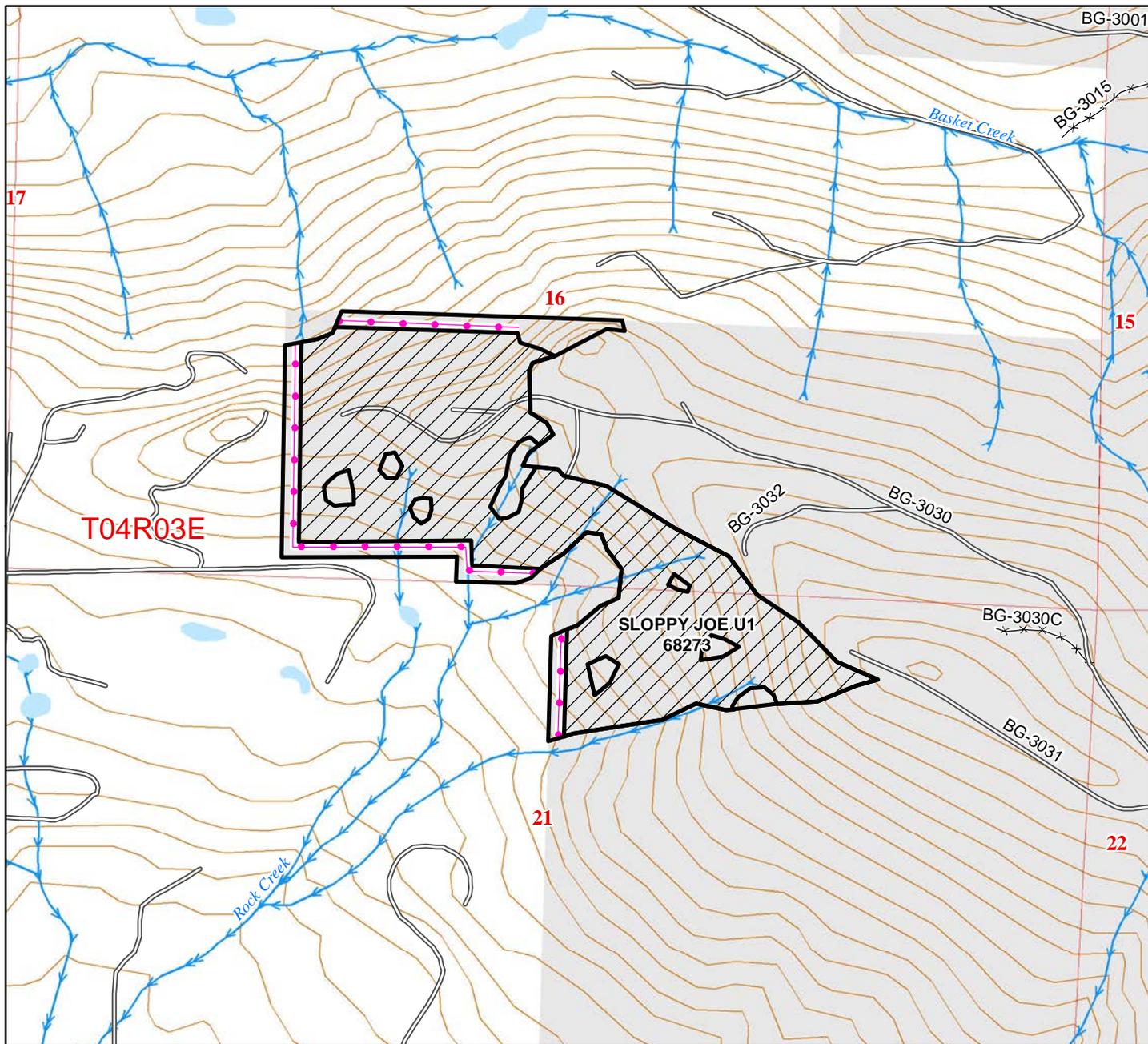
Work Unit: Yacolt

Unit Acres: 59

Unit No. 31

Unit Name: Sloppy Joe U1

Treatment Acres: 49



	Unit Boundary		Gate		40' Contours		Elevation Range: 1000 - 1600
	Treatment Area		Tank Trap		Earth Barrier		Gate: Yes
	DNR Managed Lands		Other Barrier		Streams		Key: PCP1-1 - DNR
	Existing Roads		Wetland		Water Buffer		Year Harvested: 2012
	Non-Driveable Access		Trails				Herbicide Mix No. 9
	Pink Flagging/Orange Paint						Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

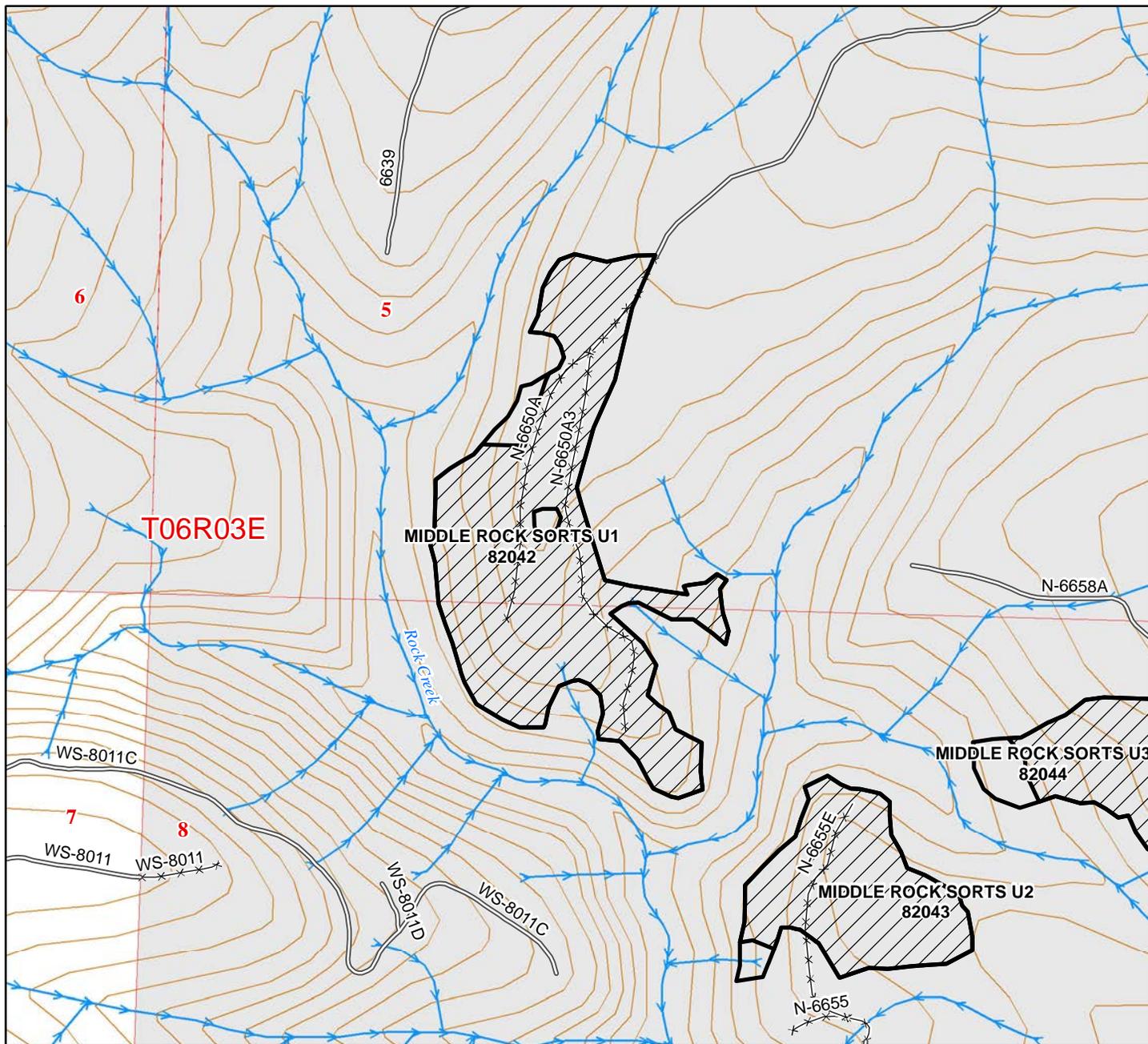
Work Unit: Yacolt

Unit Acres: 30

Unit No. 32

Unit Name: Middle Rock Sorts U1

Treatment Acres: 29



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



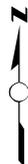
Wetland



Water Buffer

40' Contours

1:8,000



Elevation Range: 1700 - 1900

Gate: No

Key:

Year Harvested: 2012

Herbicide Mix No. 1

Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

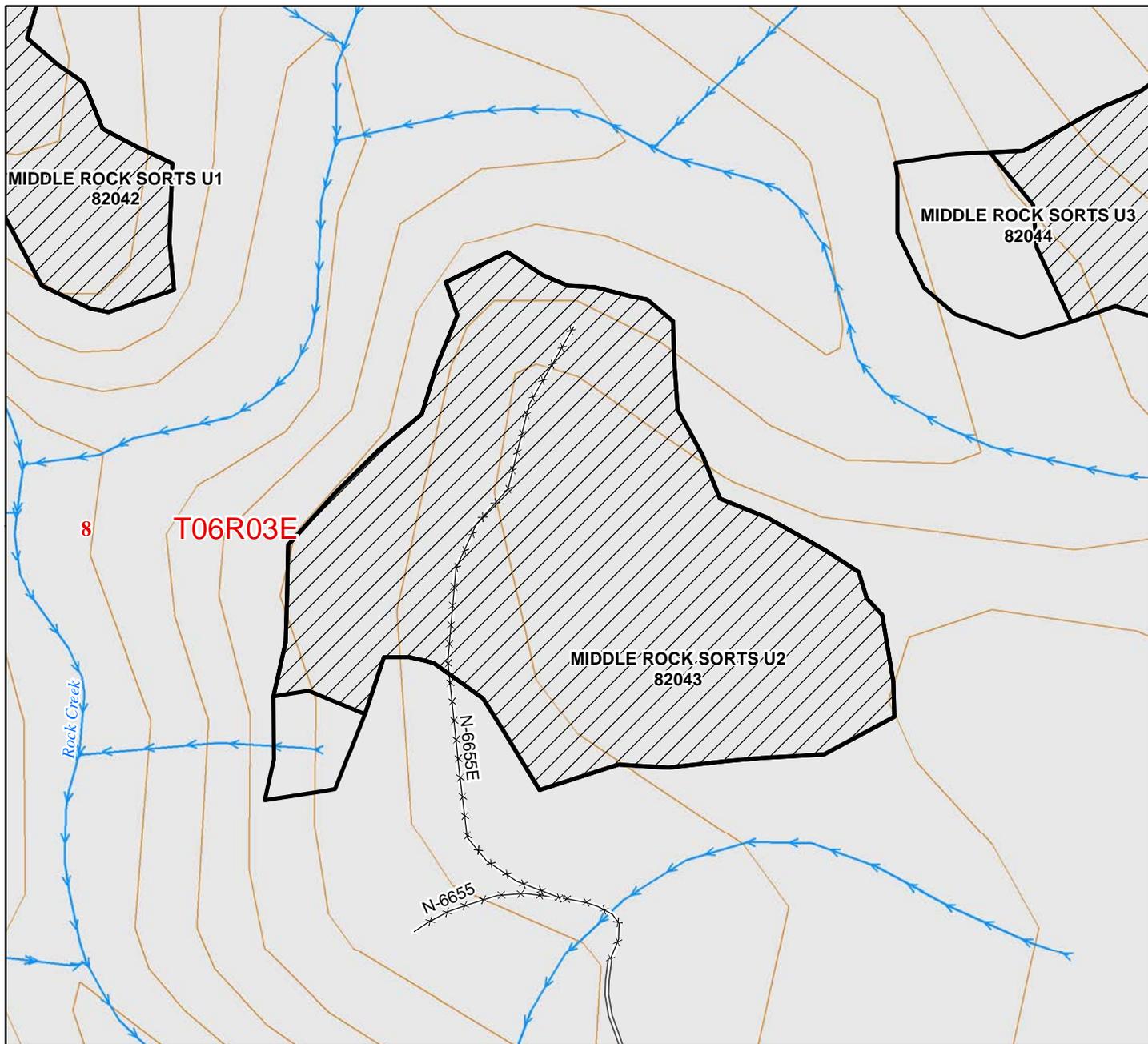
Work Unit: Yacolt

Unit Acres: 12

Unit No. 33

Unit Name: Middle Rock Sorts U2

Treatment Acres: 12



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours

1:3,000



Elevation Range: 1600 - 1800

Gate: No

Key:

Year Harvested: 2012

Herbicide Mix No. 1

Minimum Crew Size: 5

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

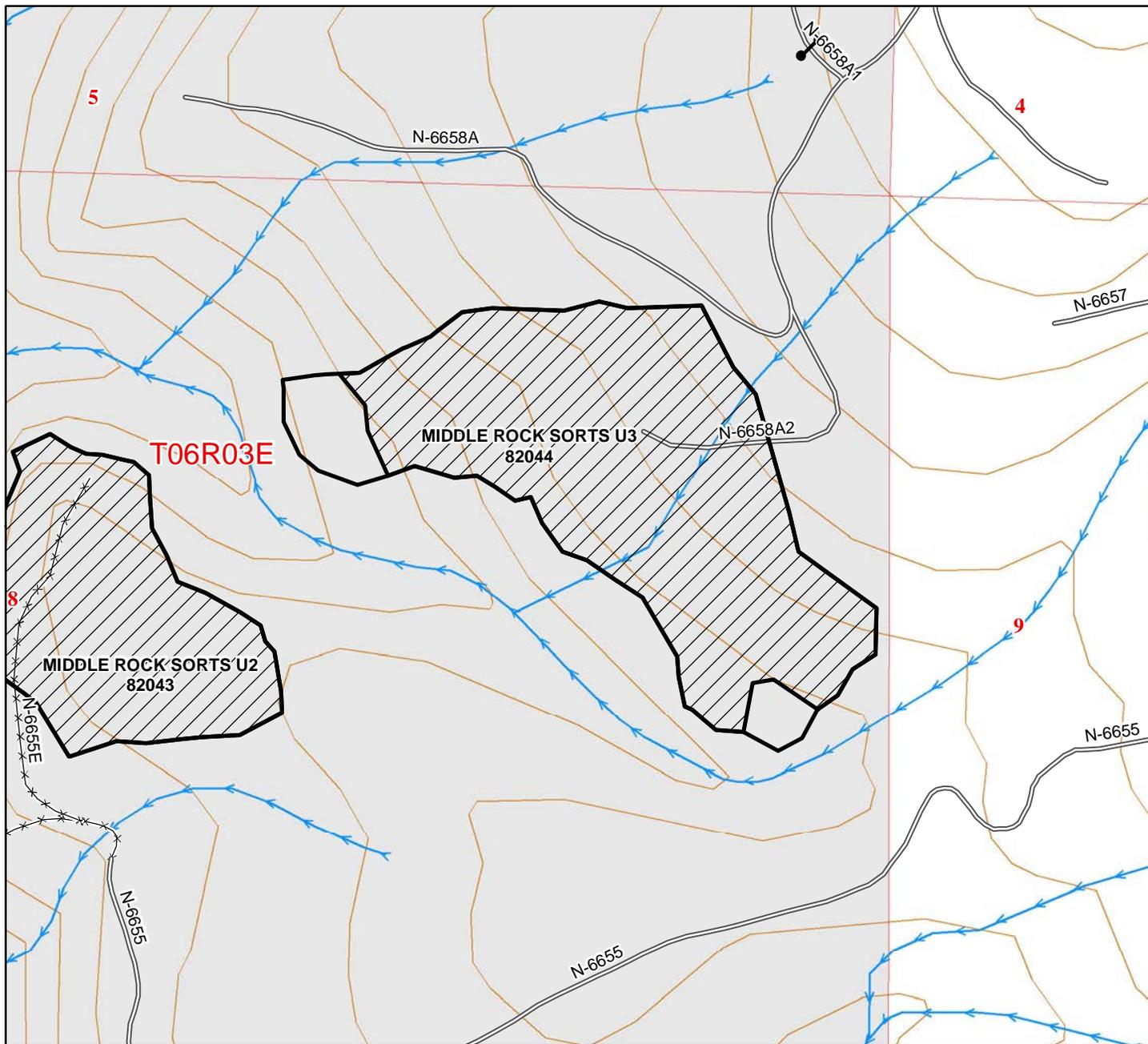
Work Unit: Yacolt

Unit Acres: 21

Unit No. 34

Unit Name: Middle Rock Sorts U3

Treatment Acres: 19



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours

1:5,000



Elevation Range: 1700 - 1900

Gate: No

Key:

Year Harvested: 2012

Herbicide Mix No. 1

Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

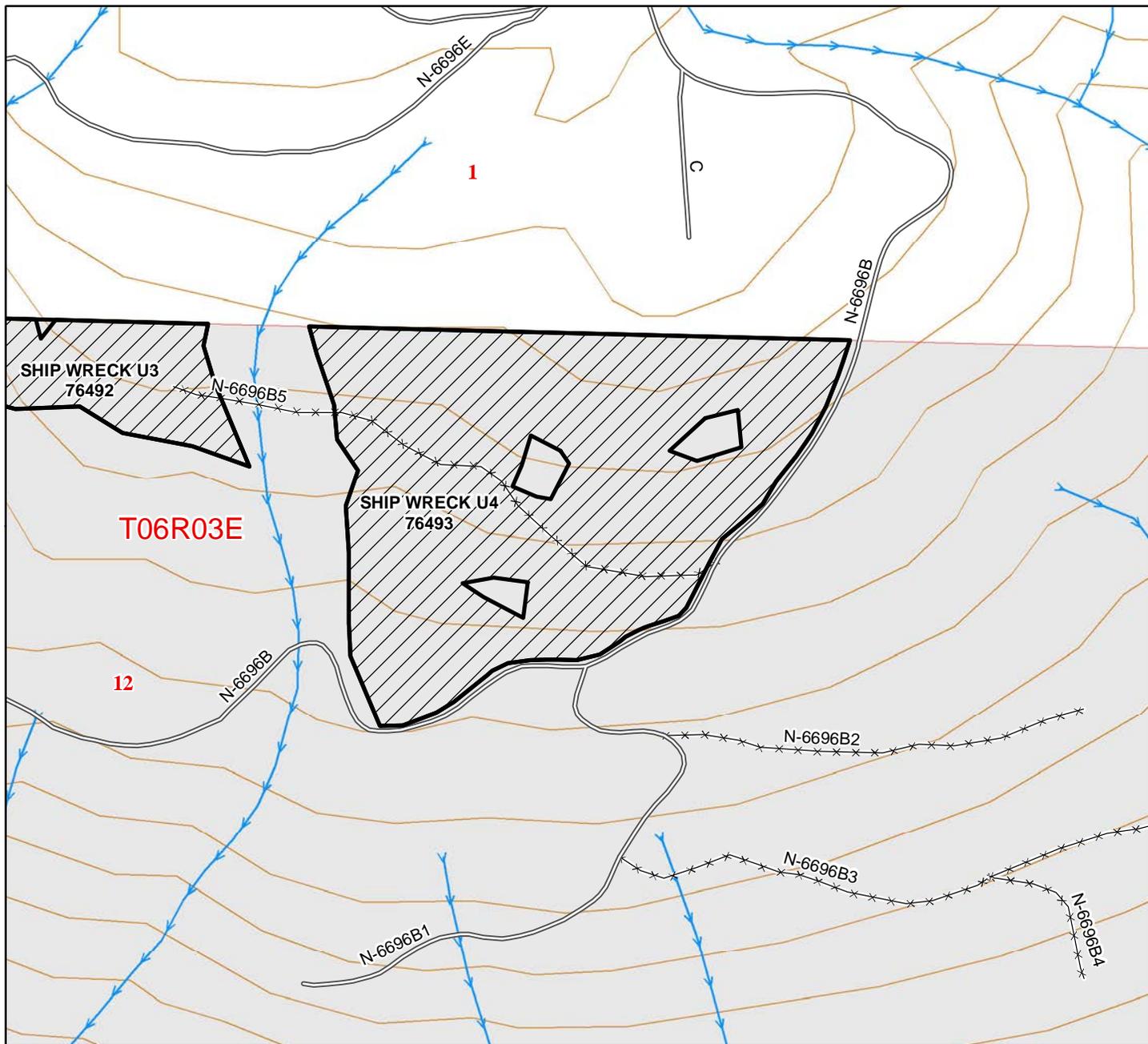
Work Unit: Yacolt

Unit Acres: 15

Unit No. 35

Unit Name: Ship Wreck U4

Treatment Acres: 15



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours

1:4,000

Elevation Range: 1700 - 1900

Gate: No

Key:

Year Harvested: 2012

Herbicide Mix No. 1

Minimum Crew Size: 5



UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

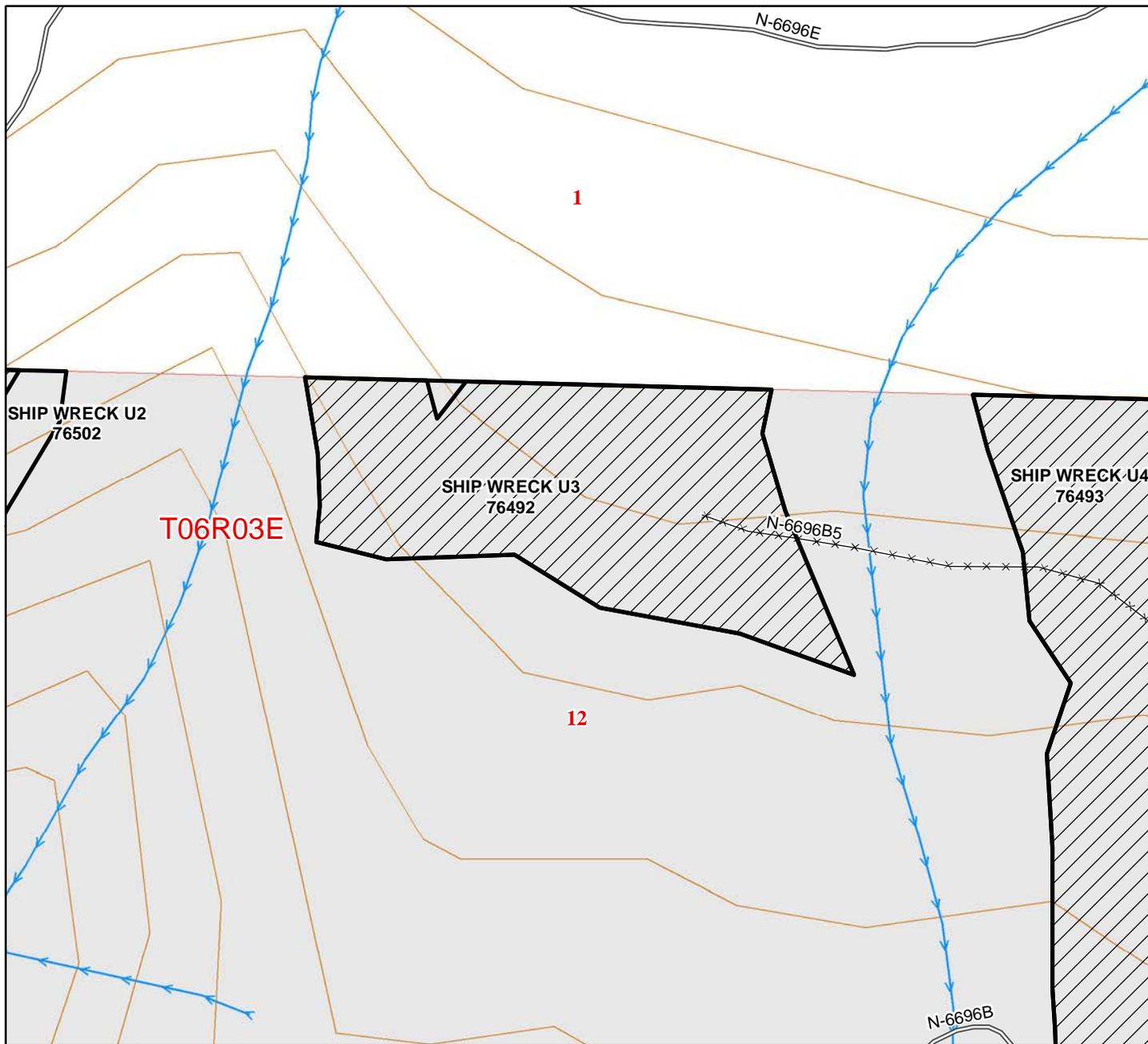
Work Unit: Yacolt

Unit Acres: 3

Unit No. 36

Unit Name: Ship Wreck U3

Treatment Acres: 3



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours

1:2,000



Elevation Range: 1800 - 1900

Gate: No

Key:

Year Harvested: 2012

Herbicide Mix No. 1

Minimum Crew Size: 5

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

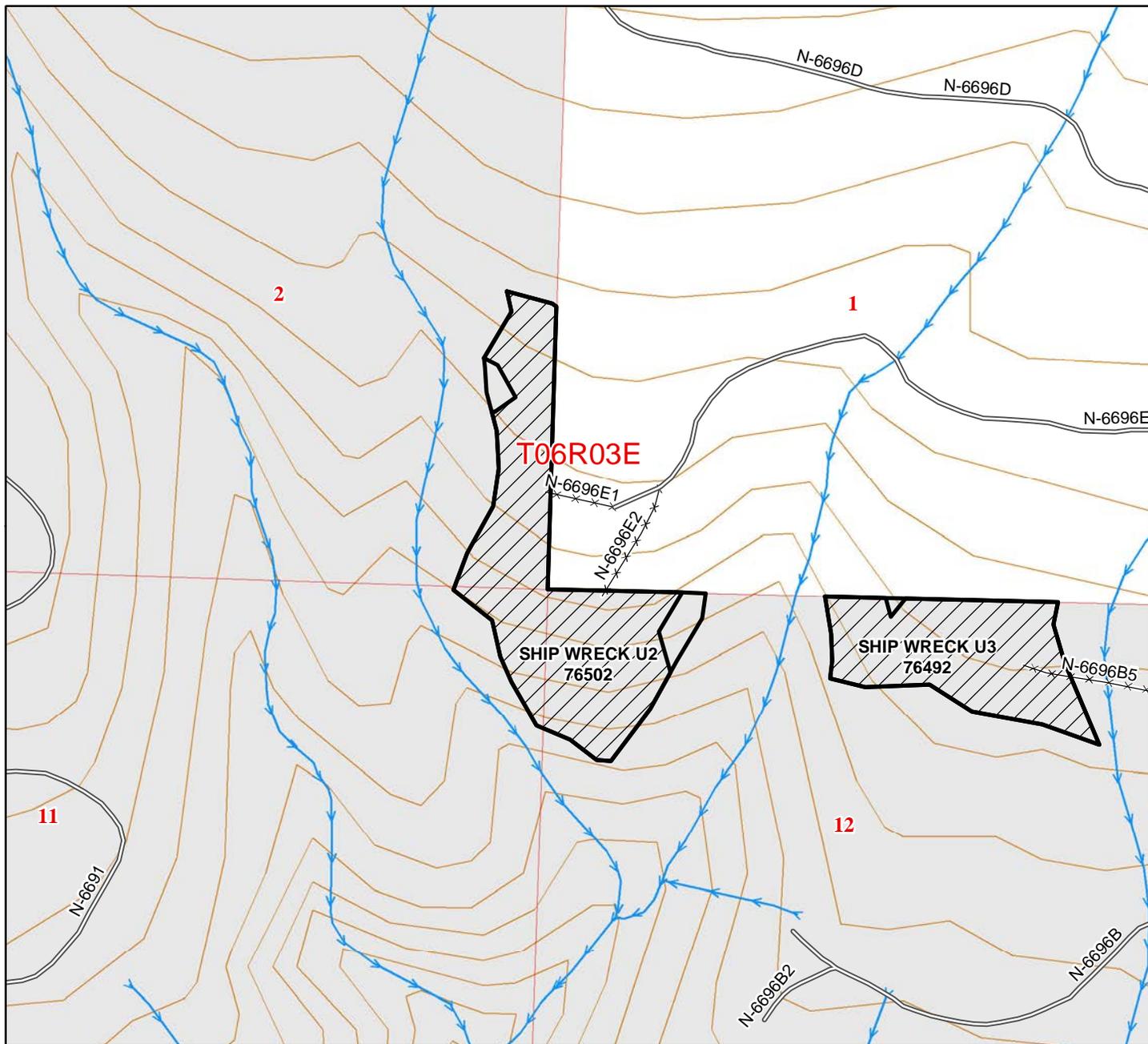
Work Unit: Yacolt

Unit Acres: 5

Unit No. 37

Unit Name: Ship Wreck U2

Treatment Acres: 5



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



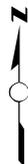
Wetland



Water Buffer

40' Contours

1:4,000



Elevation Range: 1700 - 2000

Gate: No

Key:

Year Harvested: 2012

Herbicide Mix No. 1

Minimum Crew Size: 5

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

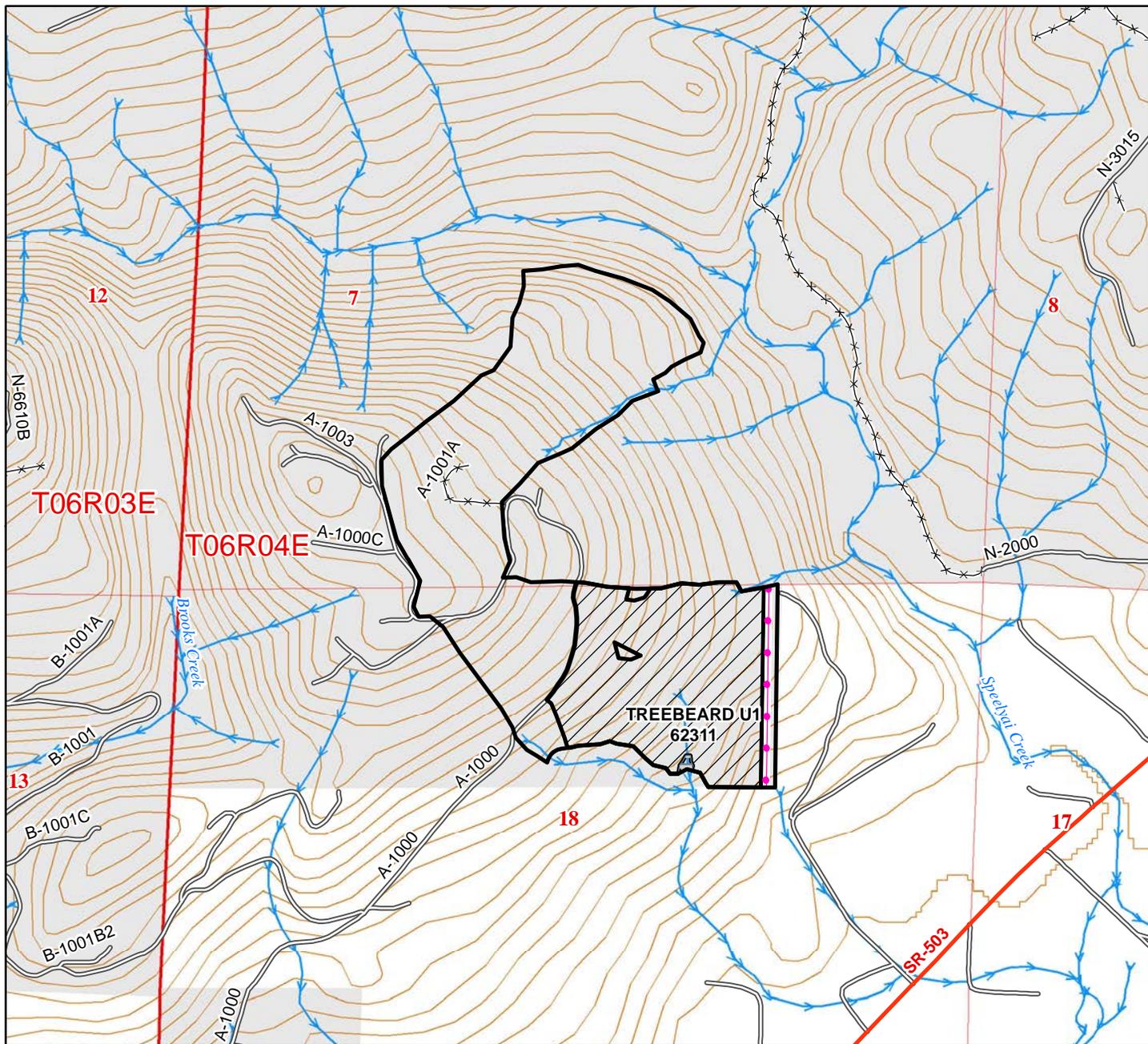
Work Unit: Yacolt

Unit Acres: 99

Unit No. 38

Unit Name: Treebeard U1

Treatment Acres: 34



	Unit Boundary		Gate		40' Contours		Elevation Range: 700 - 1600
	Treatment Area		Tank Trap		Earth Barrier		Gate: Yes
	DNR Managed Lands		Other Barrier		Streams		Key: PCP1-1 - DNR
	Existing Roads		Wetland		Trails		Year Harvested: 2012
	Non-Driveable Access		Water Buffer		Pink Flagging/Orange Paint		Herbicide Mix No. 1
							Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

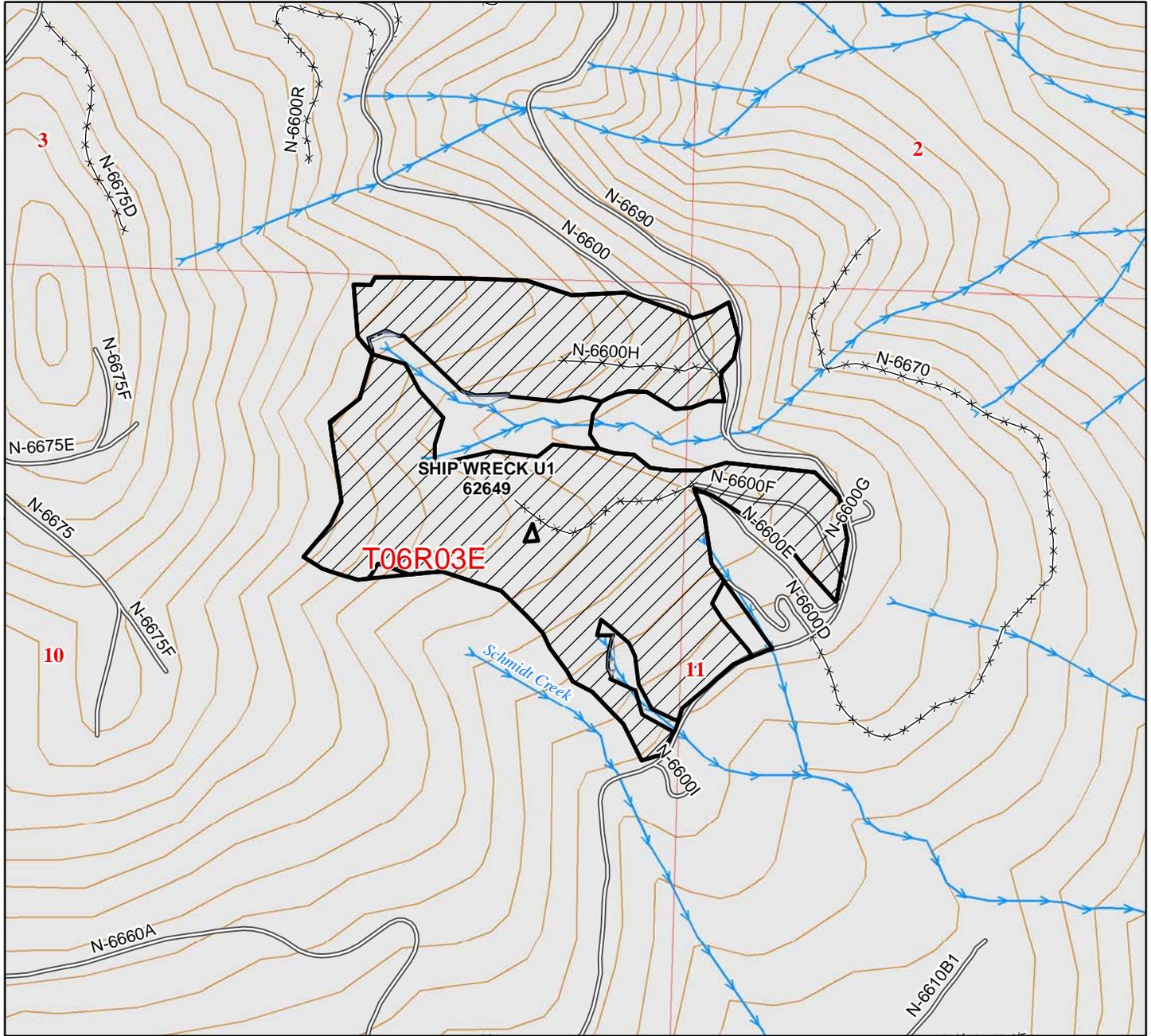
Work Unit: Yacolt

Unit Acres: 46

Unit No. 39

Unit Name: Ship Wreck U1

Treatment Acres: 41



	Unit Boundary		Gate		Elevation Range: 2400 - 2800 Gate: No Key:
	Treatment Area		Tank Trap		
	DNR Managed Lands		Other Barrier		Herbicide Mix No. 1
	Existing Roads		Wetland		Minimum Crew Size: 10
	Non-Driveable Access				
	Trails				
	Pink Flagging/Orange Paint				

40' Contours 1:7,000

Washington State Department of Natural Resources • Invitation to Bid • Contract # 1452 65

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

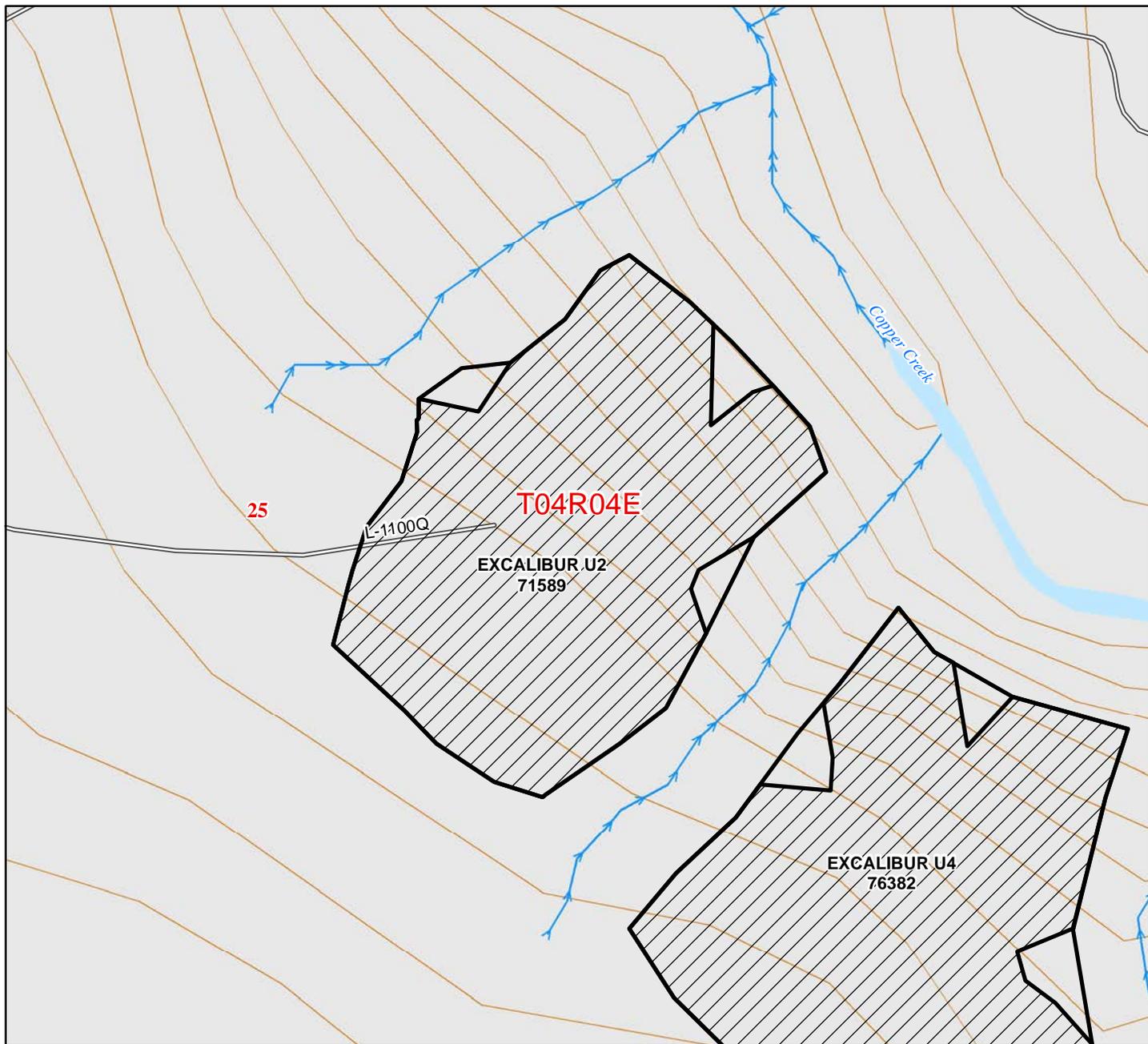
Work Unit: Yacolt

Unit Acres: 10

Unit No. 40

Unit Name: Excalibur U2

Treatment Acres: 9



	Unit Boundary		Gate	 N	Elevation Range: 1200 - 1500
	Treatment Area		Tank Trap		Gate: Yes
	DNR Managed Lands		Earth Barrier	Key: PCP1-1 - DNR	Year Harvested: 2012
	Existing Roads		Other Barrier	Herbicide Mix No. 1	Minimum Crew Size: 5
	Non-Driveable Access		Streams	40' Contours 1:3,000	
	Trails		Wetland		
	Pink Flagging/Orange Paint		Water Buffer		

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

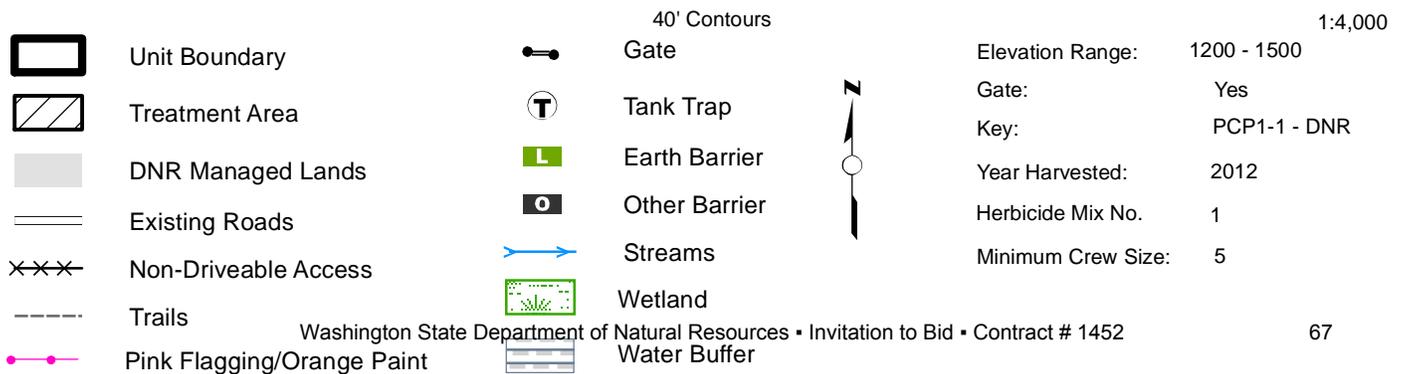
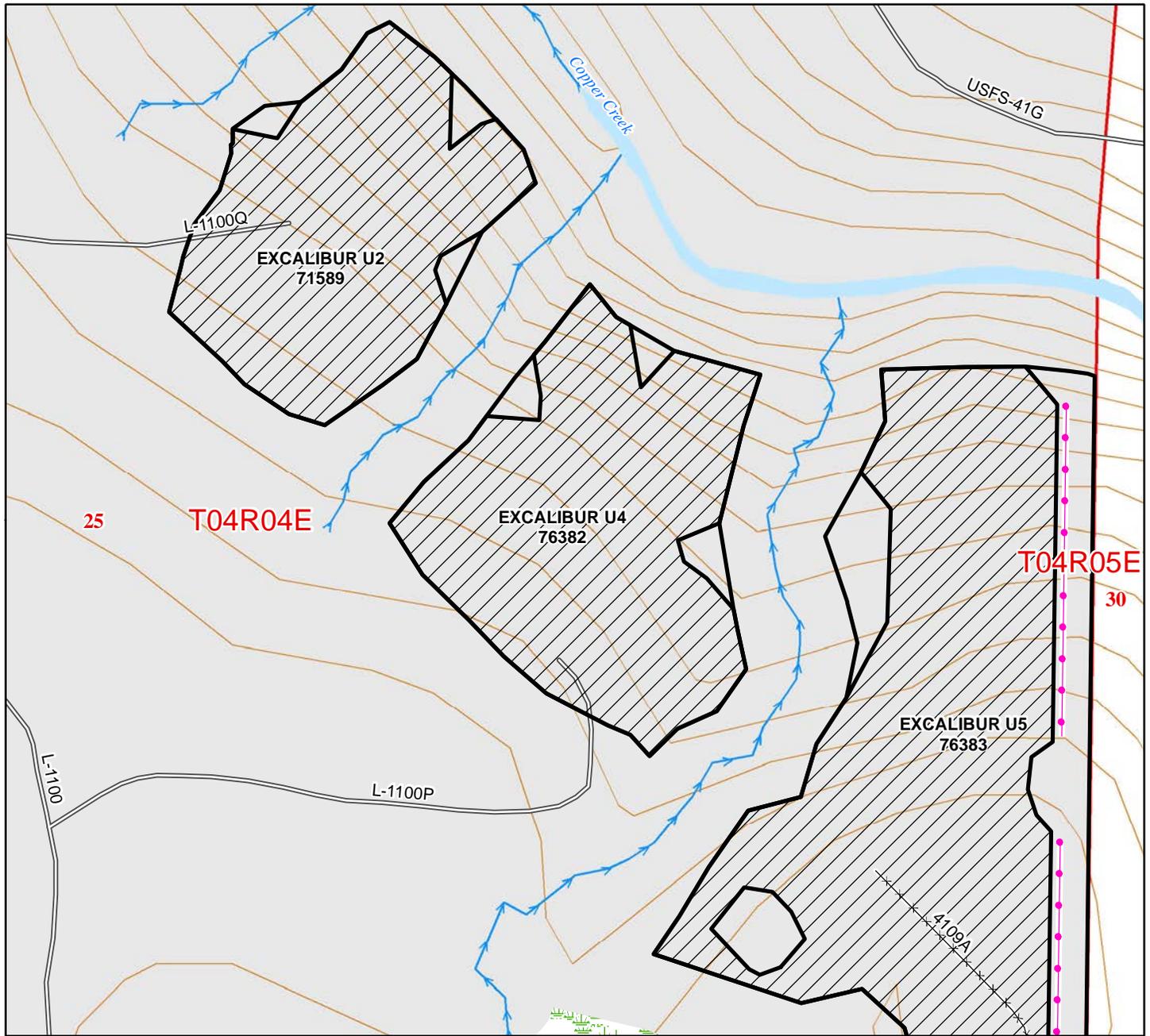
Work Unit: Yacolt

Unit Acres: 11

Unit No. 41

Unit Name: Excalibur U4

Treatment Acres: 11



UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

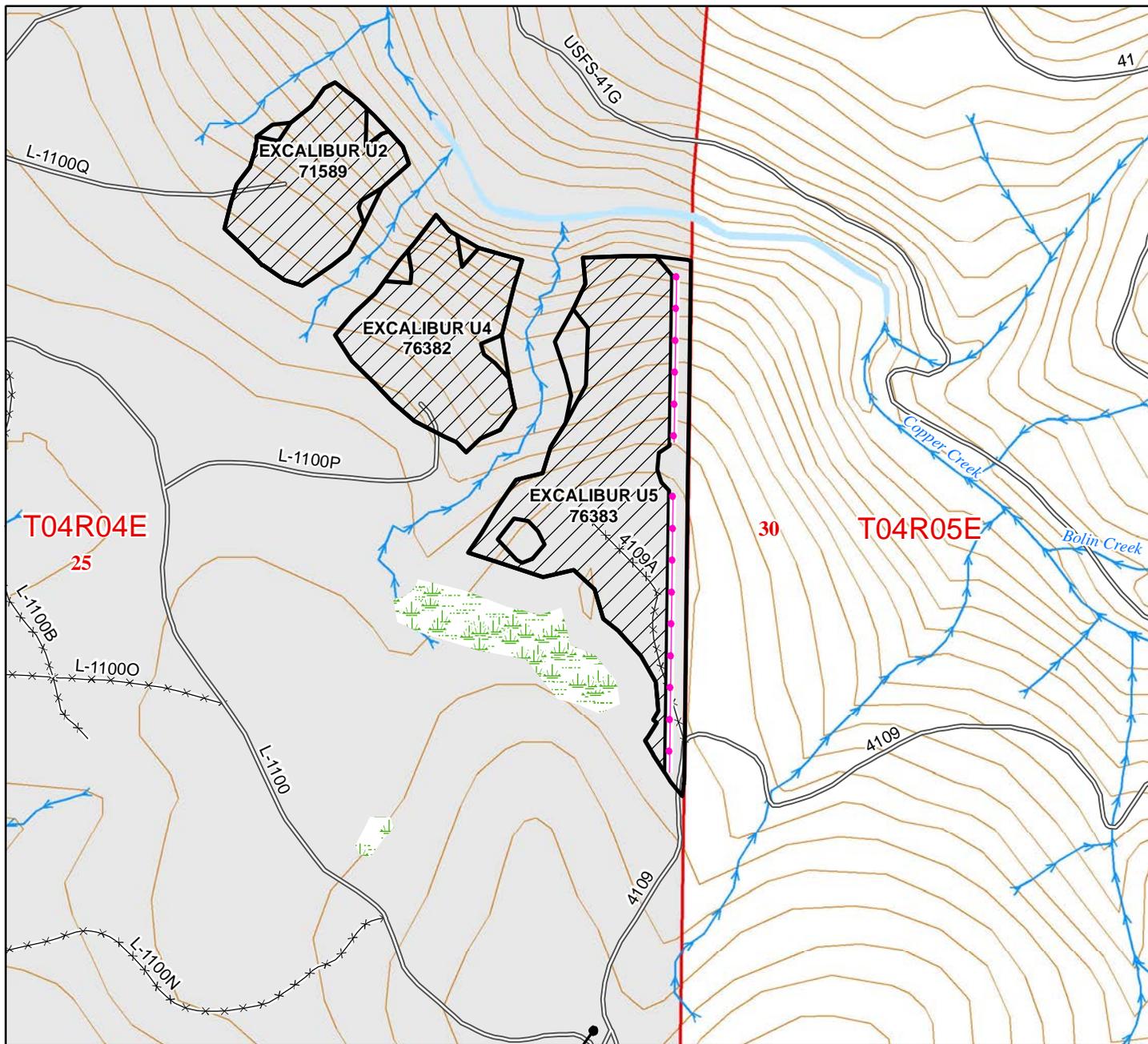
Work Unit: Yacolt

Unit Acres: 25

Unit No. 42

Unit Name: Excalibur U5

Treatment Acres: 19



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours

1:8,000



Elevation Range: 1200 - 1600

Gate: No

Key:

Year Harvested: 2012

Herbicide Mix No. 1

Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

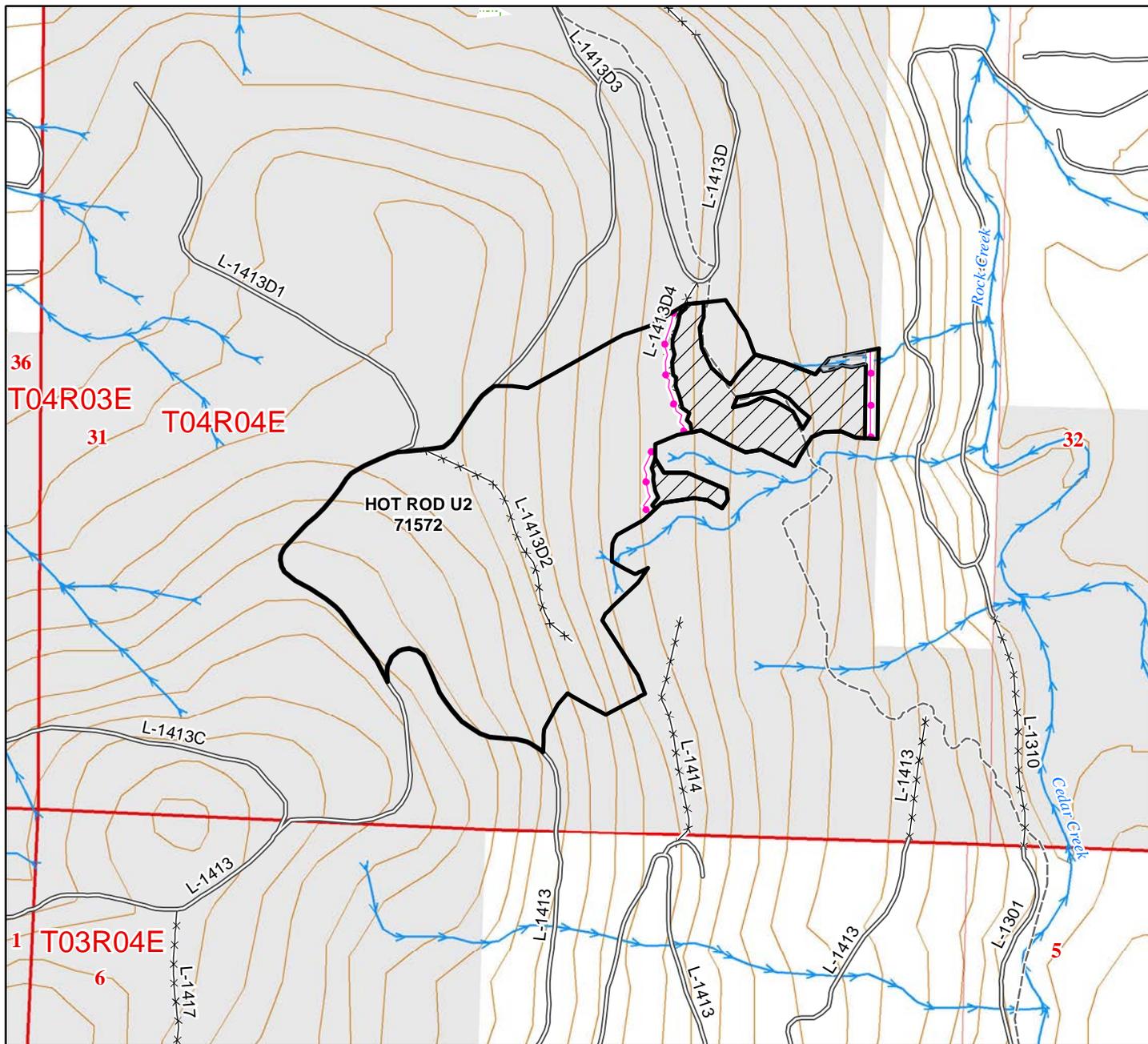
Work Unit: Yacolt

Unit Acres: 77

Unit No. 43

Unit Name: Hot Rod U2

Treatment Acres: 11



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer

40' Contours

1:10,000



Elevation Range: 1000 - 1600

Gate: Yes

Key: PCP1-1 - DNR

Year Harvested: 2012

Herbicide Mix No. 1

Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

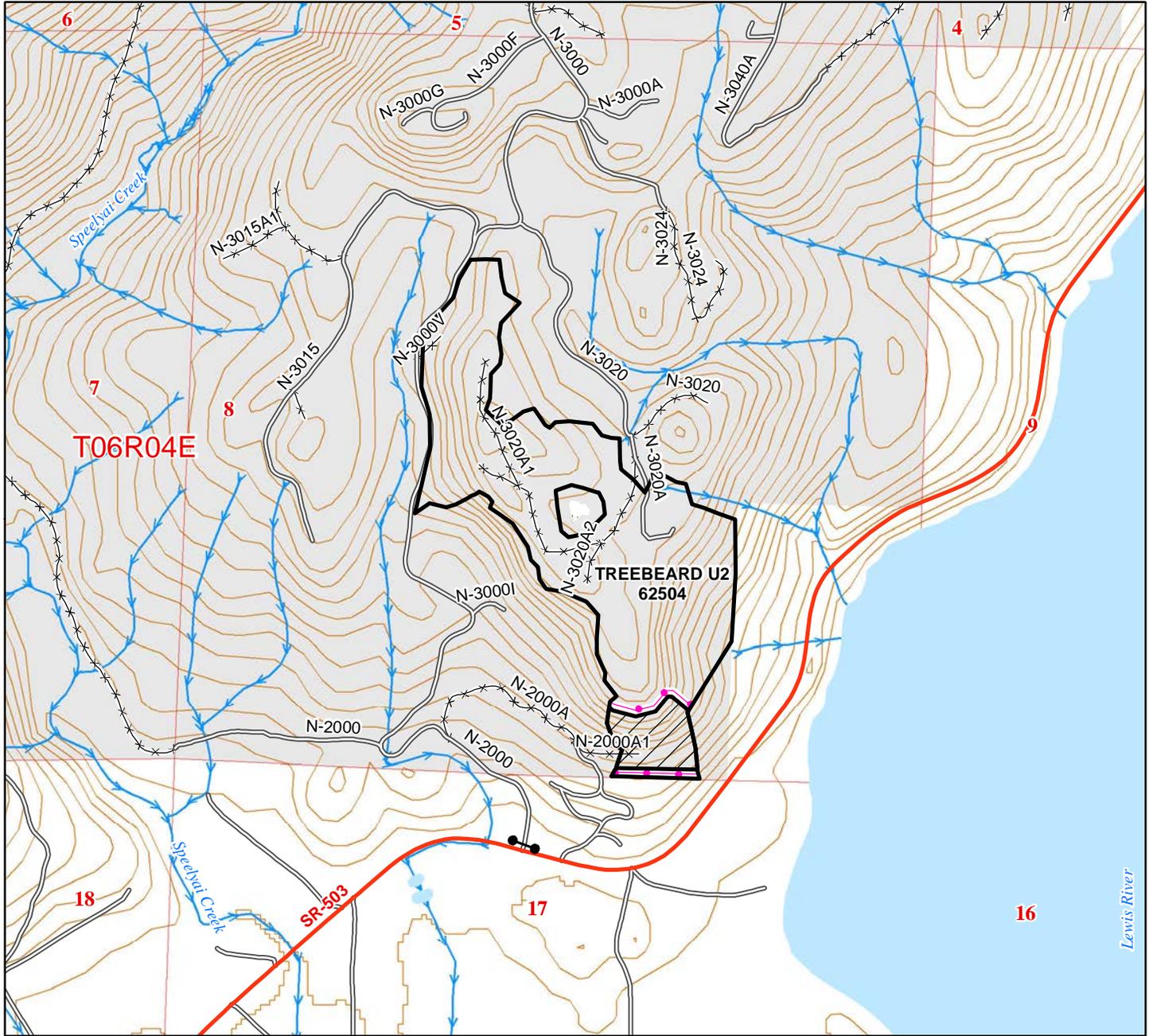
Work Unit: Yacolt

Unit Acres: 74

Unit No. 44

Unit Name: Treebeard U2

Treatment Acres: 6



	Unit Boundary		Gate		Elevation Range: 700 - 1300 Gate: Yes Key: PCP1-1 - DNR Year Harvested: 2012 Herbicide Mix No. 1 Minimum Crew Size: 5
	Treatment Area		Tank Trap		
	DNR Managed Lands		Earth Barrier		
	Existing Roads		Other Barrier		
	Non-Driveable Access		Streams		
	Trails		Wetland		
	Pink Flagging/Orange Paint		Water Buffer		

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

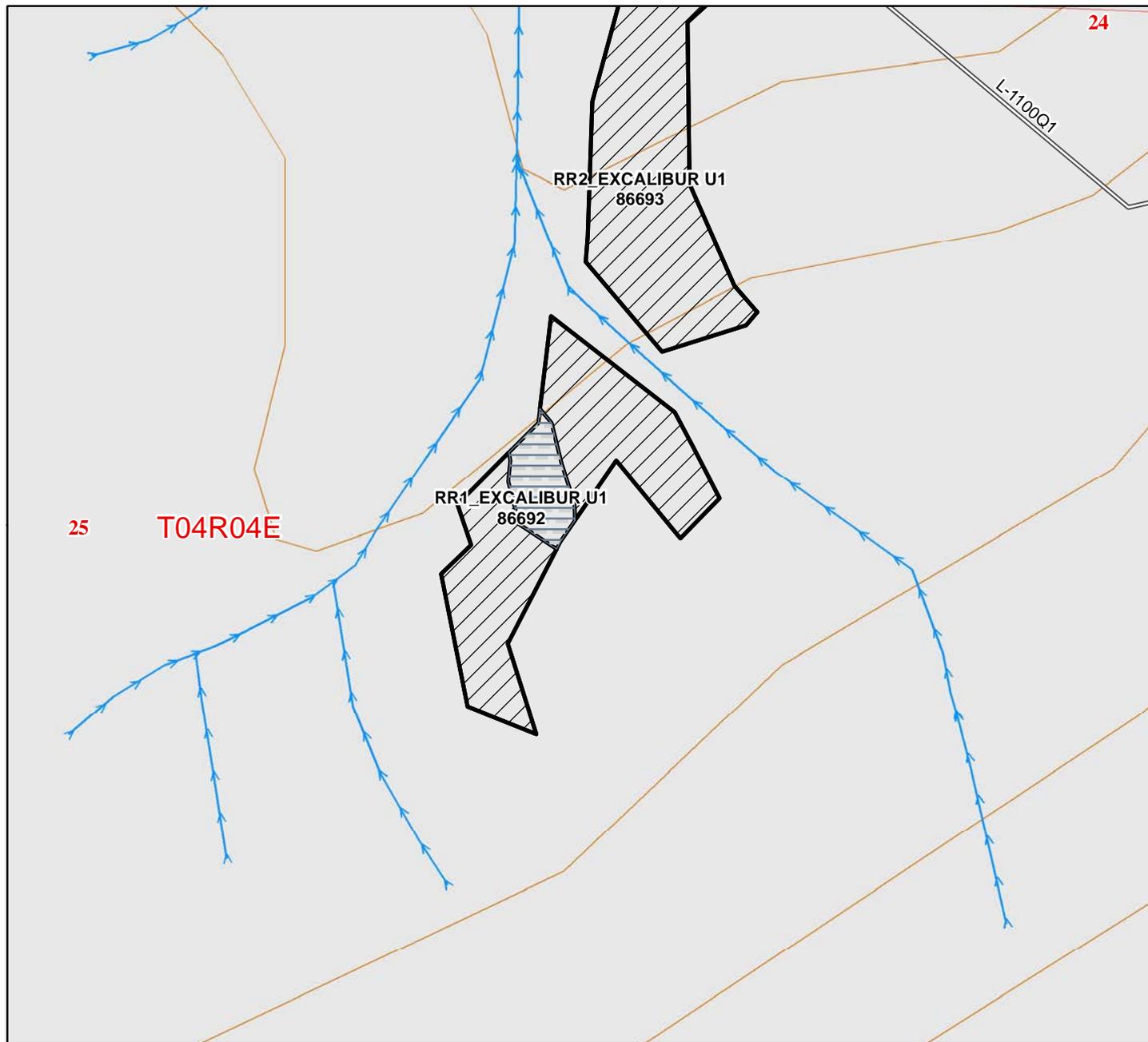
Work Unit: Yacolt

Unit Acres: 1

Unit No. 45

Unit Name: RR1_Excaltibur U1

Treatment Acres: 1



	Unit Boundary		Gate		Elevation Range: 1340 - 1369
	Treatment Area		Tank Trap		Gate: Yes
	DNR Managed Lands		Earth Barrier	Key: PCP1-1 - DNR	Year Harvested: 2012
	Existing Roads		Other Barrier	Herbicide Mix No. 1	Minimum Crew Size: 5
	Non-Driveable Access		Streams	Washington State Department of Natural Resources • Invitation to Bid • Contract # 1452 71	
	Trails		Wetland		
	Pink Flagging/Orange Paint		Water Buffer		

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

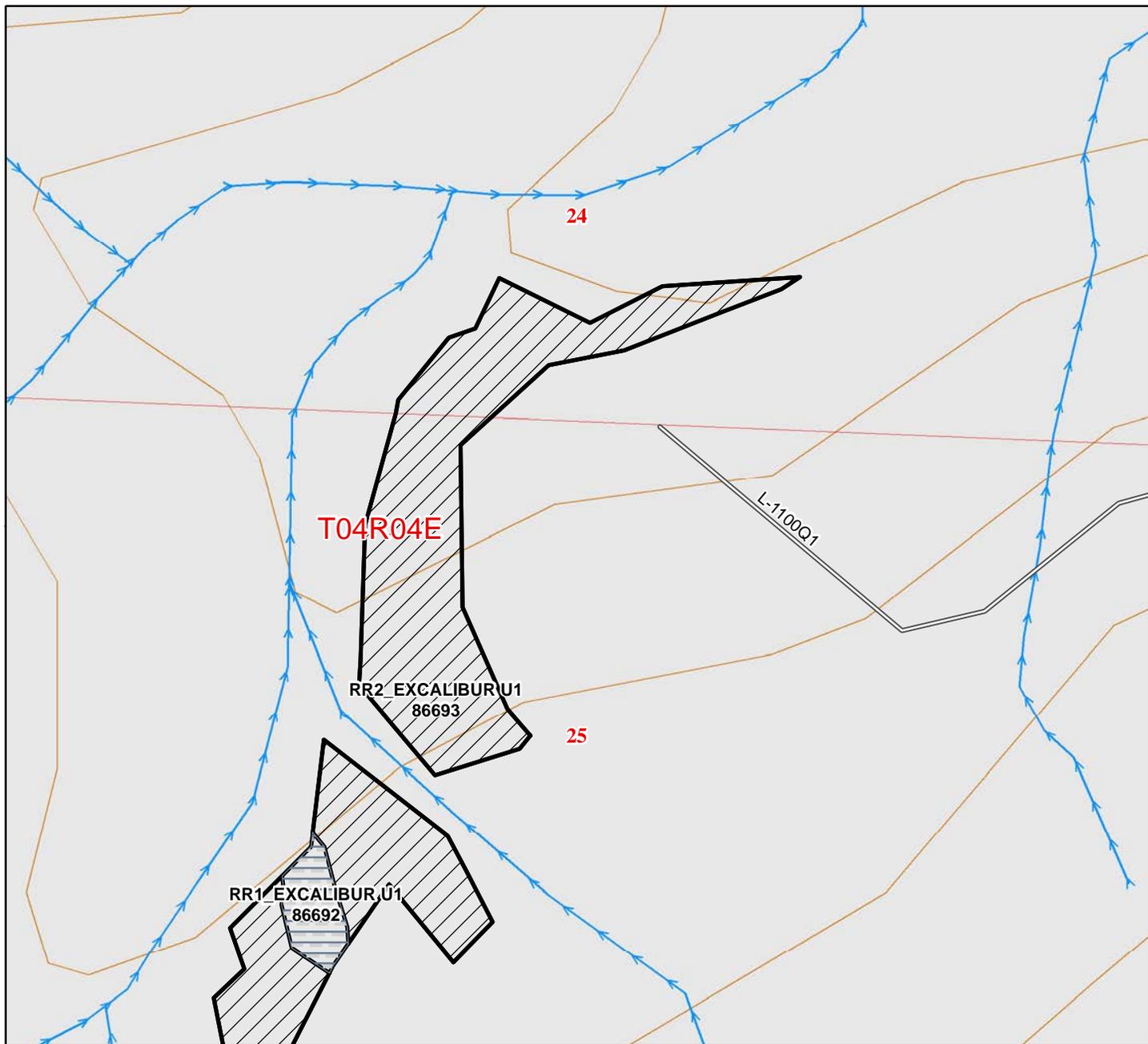
Work Unit: Yacolt

Unit Acres: 2

Unit No. 46

Unit Name: RR2_Excaltibur U1

Treatment Acres: 2



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



40' Contours

Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



Wetland



Water Buffer



Elevation Range: 1274 - 1337

Gate: Yes

Key: PCP1-1 - DNR

Year Harvested: 2012

Herbicide Mix No. 1

Minimum Crew Size: 5

1:2,000

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

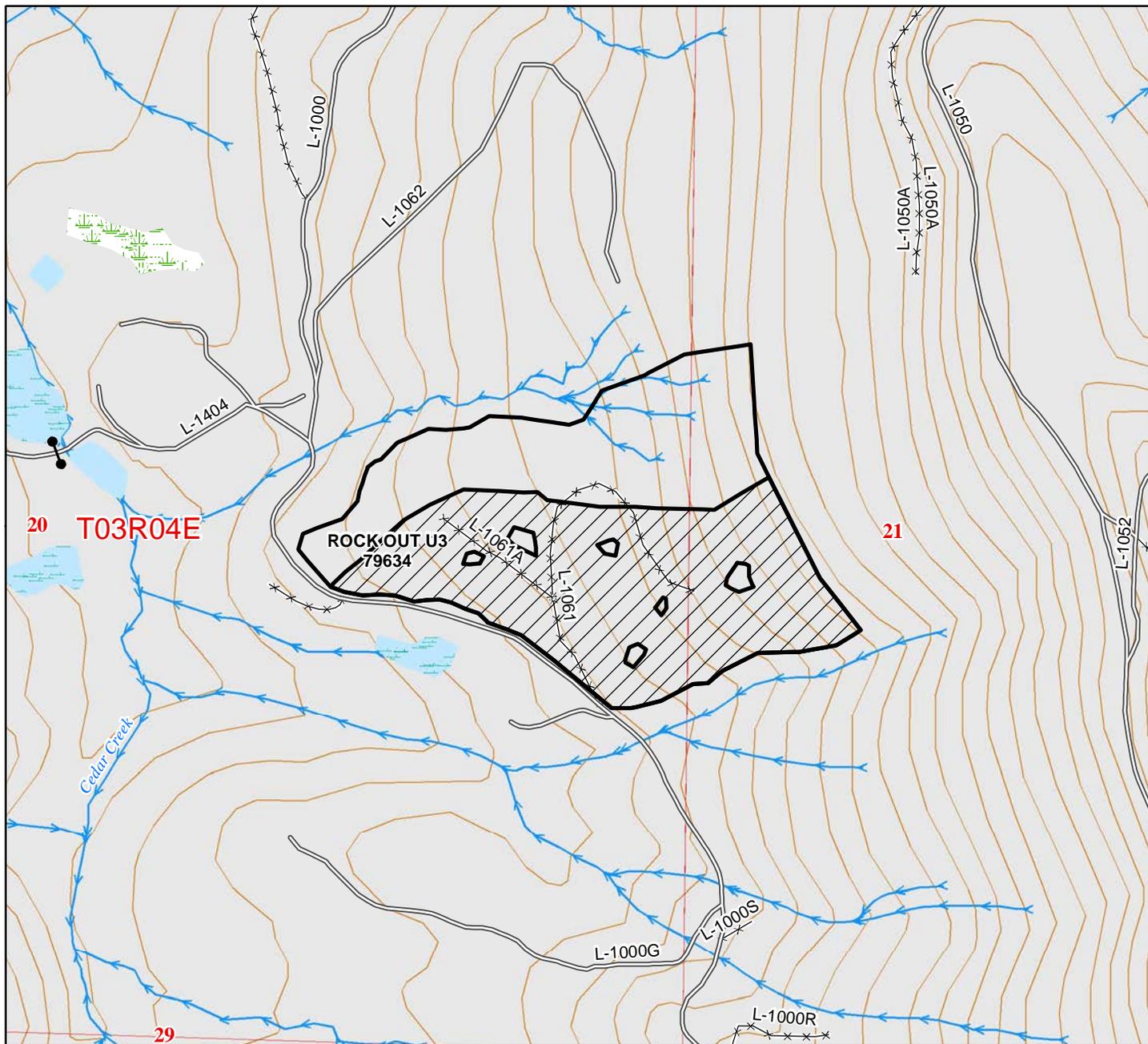
Work Unit: Yacolt

Unit Acres: 60

Unit No. 47

Unit Name: Rock Out U3

Treatment Acres: 35



Unit Boundary



Treatment Area



DNR Managed Lands



Existing Roads



Non-Driveable Access



Trails



Pink Flagging/Orange Paint



Gate



Tank Trap



Earth Barrier



Other Barrier



Streams



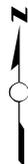
Wetland



Water Buffer

40' Contours

1:9,000



Elevation Range: 1366 - 1732

Gate: No

Key:

Year Harvested: 2012

Herbicide Mix No. 2

Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

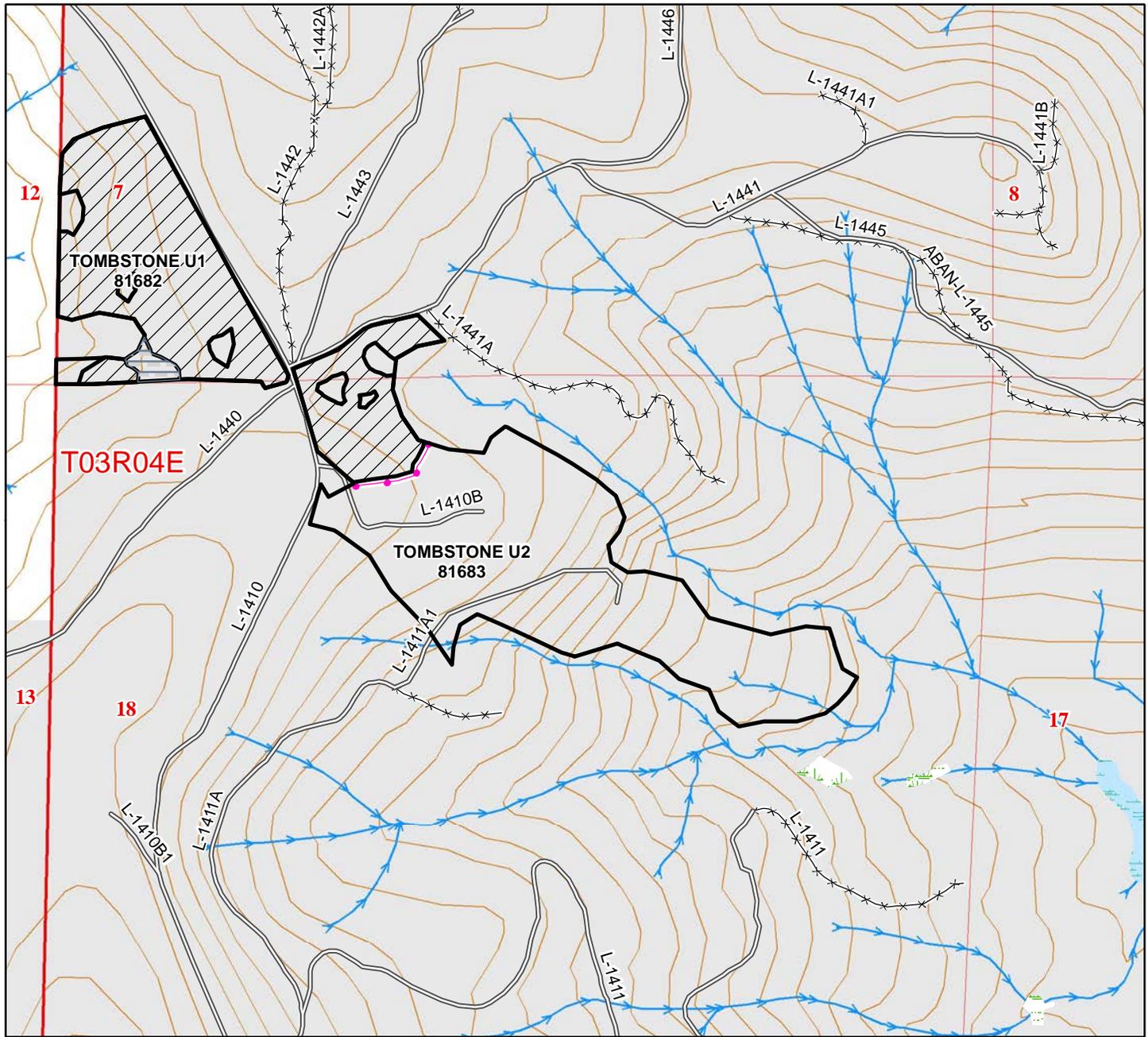
Work Unit: Yacolt

Unit Acres: 54

Unit No. 48

Unit Name: Tombstone U2

Treatment Acres: 8



	Unit Boundary		Gate		40' Contours		N		Elevation Range: 1395 - 1982
	Treatment Area		Tank Trap		Earth Barrier			Other Barrier	
	DNR Managed Lands		Key: PCP1-1 - DNR		Streams		Wetland		Year Harvested: 2013
	Existing Roads		Herbicide Mix No. 1		Non-Driveable Access		Water Buffer		Minimum Crew Size: 10
	Trails		Pink Flagging/Orange Paint						

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

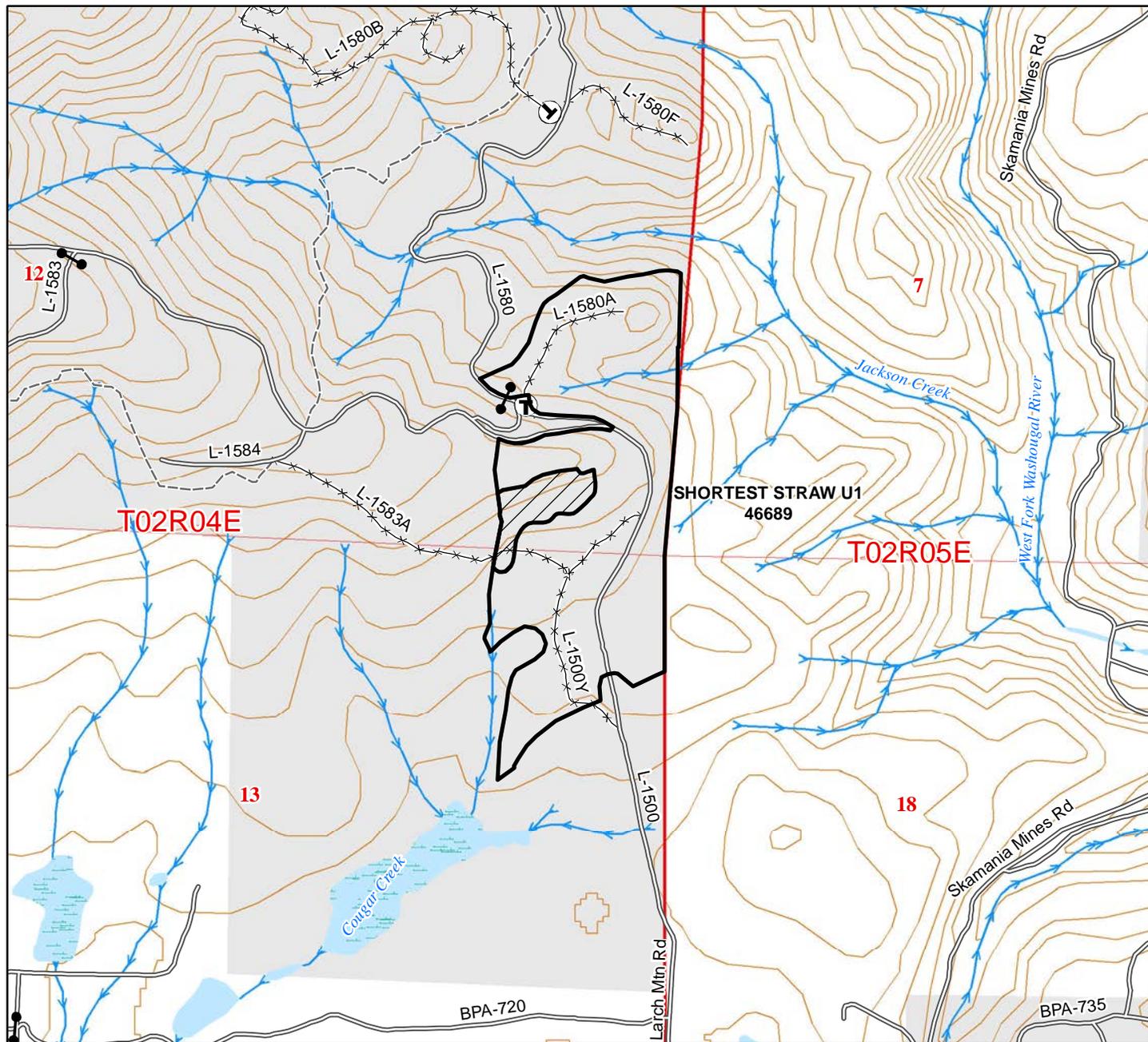
Work Unit: Yacolt

Unit Acres: 57

Unit No. 49

Unit Name: Shortest Straw U1

Treatment Acres: 4



	Unit Boundary		Gate		40' Contours		Elevation Range: 1080 - 1336
	Treatment Area		Tank Trap		Earth Barrier		Gate: No
	DNR Managed Lands		Other Barrier		Streams		Key:
	Existing Roads		Wetland		Water Buffer		Year Harvested: 2006
	Non-Driveable Access		Pink Flagging/Orange Paint				Herbicide Mix No. 1
	Trails						Minimum Crew Size: 10

UNIT MAP

Ground Herbicide

Pacific Cascade Region

Bid No. 1452

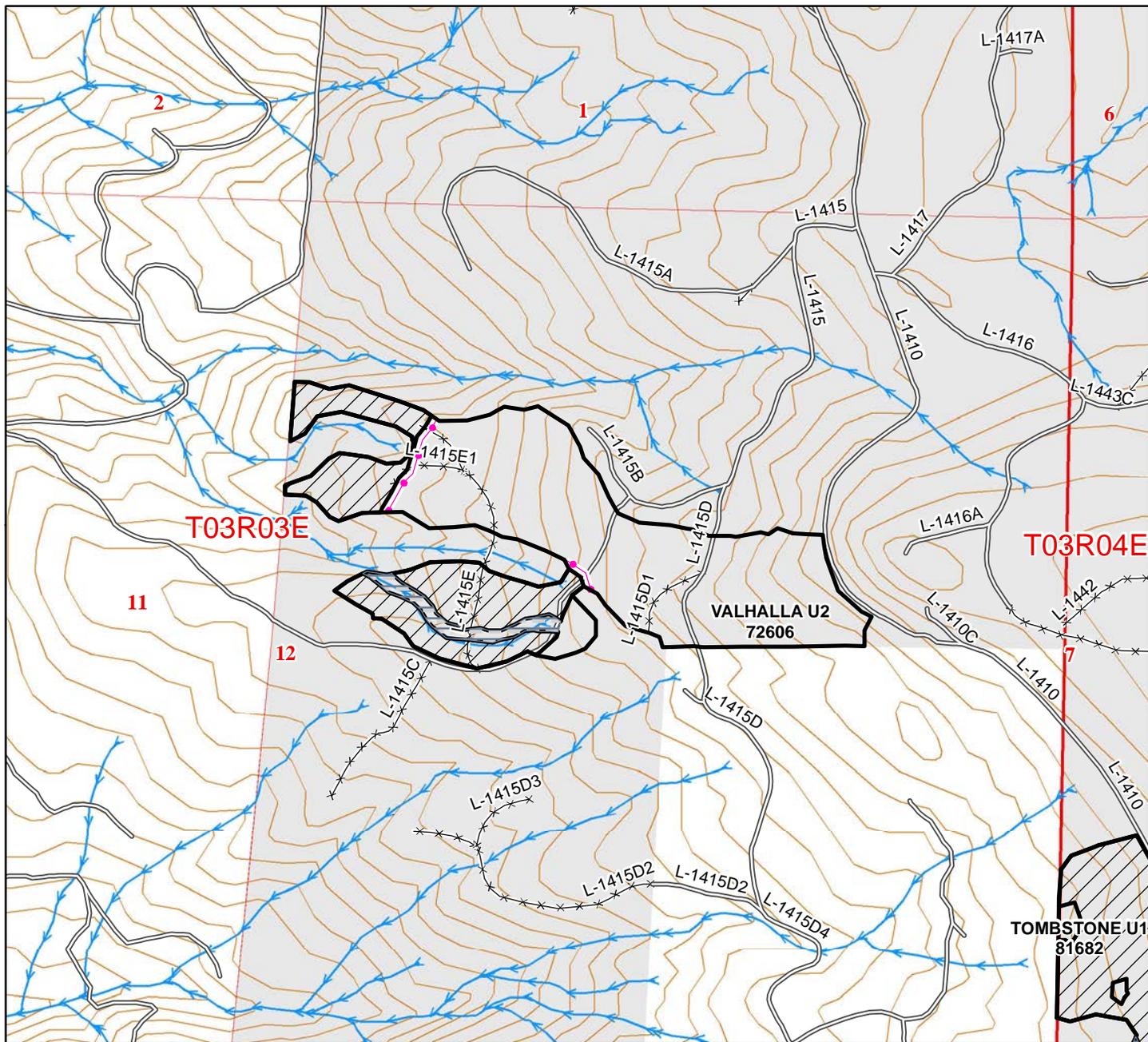
Work Unit: Yacolt

Unit Acres: 65

Unit No. 50

Unit Name: Valhalla U2

Treatment Acres: 19



	Unit Boundary		Gate		40' Contours		Elevation Range: 1300 - 1900
	Treatment Area		Tank Trap		Earth Barrier		Gate: Yes
	DNR Managed Lands		Other Barrier		Streams		Key: PCP1-1 - DNR
	Existing Roads		Wetland		Non-Driveable Access		Year Harvested: 2012
	Trails		Water Buffer		Pink Flagging/Orange Paint		Herbicide Mix No. 2
							Minimum Crew Size: 10

SECTION III-A: BID FORM

CONTRACT NUMBER 1452 (Units 1 – 50) (TWO PAGES)

INSTRUCTIONS: Bids should include all costs related to the completion of the Work. A Unit Bid Price and a Unit Total must be entered for all of the Units in the Contract. Each Unit Total is calculated by multiplying the Unit Bid Price (Per Acre) by the Unit Acres. All Unit Totals for the Contract must be summed and entered as the Contract Price. In the event of a difference between the sum of all Unit Totals and the Contract Price, the individual Unit Totals shall prevail. All Bid Forms must be signed in ink. If the bid is made by a corporation, it shall be signed by the corporation's authorized designee. Incomplete or unsigned bids may be rejected.

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 the Invitation to Bid on Contract Number 1452.

Unit	Unit Name	Acres	Unit Bid Price (Per Acre)	Unit Total
1	Hidalgo Resale U2	41	\$	\$
2	Hidalgo Resale U1	13	\$	\$
3	Hayduke U1	35	\$	\$
4	Hayduke U2	17	\$	\$
5	Hayduke U3 Conifer	4	\$	\$
6	Moon House U3	44	\$	\$
7	Electric Chicken U1	36	\$	\$
8	Electric Chicken U2	22	\$	\$
9	Electric Chicken U3	8	\$	\$
10	RR_Electric Conv U1	1	\$	\$
11	RR_Electric Conv U2	1	\$	\$
12	RR_Electric Conv U3	1	\$	\$
13	Hayduke U3	15	\$	\$
14	Hayduke U1 Conifer	6	\$	\$
15	Barnes DR Aquisition	18	\$	\$
16	Boomer U1	15	\$	\$
17	Barnes A Burning U7	19	\$	\$
18	Cutthroat U1	15	\$	\$
19	Cutthroat U2	15	\$	\$
20	Cutthroat U3	21	\$	\$
21	Little Biggin U4	3	\$	\$
22	Half Nelson U4	32	\$	\$
23	Half Nelson U5	34	\$	\$
24	Half Nelson U6	16	\$	\$
25	Iron Chef U3	34	\$	\$
26	Iron Chef U4	50	\$	\$
27	Routeburn U3	25	\$	\$
28	Tombstone U1	24	\$	\$
29	Rock Out U1	78	\$	\$
30	Rock Out U2	3	\$	\$
31	Sloppy Joe U1	49	\$	\$
32	Middle Rock Sorts U1	29	\$	\$
33	Middle Rock Sorts U2	12	\$	\$
34	Middle Rock Sorts U3	19	\$	\$
35	Ship Wreck U4	15	\$	\$
36	Ship Wreck U3	3	\$	\$

37	Ship Wreck U2	5	\$	\$
38	Treebeard U1	34	\$	\$
39	Ship Wreck U1	41	\$	\$
40	Excalibur U2	9	\$	\$
41	Excalibur U4	11	\$	\$
42	Excalibur U5	19	\$	\$
43	Hot Rod U2	11	\$	\$
44	Treebeard U2	6	\$	\$
45	RR1_Excalibur U1	1	\$	\$
46	RR2_Excalibur U1	2	\$	\$
47	Rock Out U3	35	\$	\$
48	Tombstone U2	8	\$	\$
49	Shortest Straw U1	4	\$	\$
50	Valhalla U2	19	\$	\$
		978	Total Bid	\$

Bidder's Name and Address:

Signature: _____

Title: _____

Company: _____

Note:

Detach and return this Section as per Invitation to Bid.

SECTION III-B: CONTRACTOR'S DECLARATION OF INDUSTRIAL INSURANCE STATUS

INVITATION TO BID ON CONTRACT NUMBER 1452
 (For Bidder Use Only)

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 not be assisted by other individuals in the performance of this Contract.

For the purpose of Industrial Insurance premiums payable to 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.

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

To whom it may concern:

The purpose of this form is to inform 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 engaged in the employment of an employer under Title 51 RCW or every person working under an independent contract. RCW 51.08.180.

As one whom contracts to perform forest activities, you may require the assistance of other individuals to complete this Contract. In that 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 this 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. 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 with each Bid Form (Section III-A) as per the Invitation to Bid.

SECTION III-C: SOLICITATION TO OFFER

SOLICITATION TO OFFER (For Bidder Use Only)

On condition of a Contract award for the Contract Price, the undersigned hereby offers and agrees to furnish services in compliance with all terms, conditions, and specifications of the Invitation to Bid on Contract Number 1452. Submittal of this offer with authorized signature constitutes complete understanding of all terms and conditions. Further, submittal of this offer constitutes acceptance of and agreement to comply with all terms and conditions of the Contract if awarded, and verifies that all services will be available throughout the period of the Contract.

(Bidder's 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 1452, _____ is hereby awarded to _____

State of Washington,
Department of Natural Resources

By: _____

(Signature)	(Date)
-------------	--------

Eric Wisch
Pacific Cascade Region Manager

NOTE: Return one (1) copy of this form with each Bid Form (Section III-A) as per the Invitation to Bid.

Bid 1452 Pre-work Form

Meeting Time & Date:

Meeting Place:

Attendee's Name, Contract Responsibilities			
#	Name	Role	Cell Phone #
1		Contract Manager	
2		Compliance Forester	
3		Designated Contract Representative	

Contractor Business Phone:

Fax:

Type of Equipment on Job:

Vehicles (make, model, year, color):

- 1
- 2
- 3

Crew Size:

Special or /Tool Requirement Reminders:

Remarks:

Start date:

State Holidays:

Department Representative

Contractor Representative

Contact Information Region Office:

Chris Rasor - 360.575.5058 or Cell 360.880.8288

Mary Hovey - 360.575.5065 - Payment Questions

Contract Administrators:

CONTRACTOR WORK SCHEDULE

CONTRACT No. 1452

CONTRACTOR NAME:

address line 2

BusinessPhone:

Mobile Phone:

Insurance Received: Y or N

Contract Award Form

(a) Sent to Region Manager

(b) Received w/ signature

(c) Sent to Contractor

Bid Deposit:

Perf. Security:

L&I Released:

Item Completion Date:

L&I Retainage %: 10%

Unit #	Unit Name	Acres	Priority #	Start Date

Department Representative

Date

By signing below, I agree as Contractor Representative to the above Work Schedule subject to contract

Contractor Representative

Date