WORK SESSION AGENDA

BOARD OF CLALLAM COUNTY COMMISSIONERS

223 East 4th Street Room 160

Port Angeles, Washington

Monday, January 25, 2021 – 8:00 a.m.

****ATTENTION****
In response to the current pandemic, to promote social distancing, and in compliance with Governor's Proclamation which prohibits in-person attendance at meetings, the Board of Commissioners strongly encourages the public to take advantage of remote options for attending open public meetings.

This meeting can be viewed on a live stream at this link: http://www.clallam.net/features/meetings.html

If you would like to participate in the meeting by phone call 408-419-1715 and use Meeting ID: 875 561 784.

If you would like to participate via video conference, visit www.bluejeans.com and join the Work Session with Meeting ID: 875 561 784.

No in-person attendance will be allowed until Governor's Proclamation is lifted.

Public comment and questions can be directed to the Clerk of the Board at 360-417-2256 or agores@co.clallam.wa.us.

Administration – 9 a.m.

1. Calendar/Correspondence

2. Notice for request for proposals/qualifications and letters of interest to be received no later than Tuesday, February 23, 2021 at 10 a.m. regarding professional services for the 2021 year

   Notice

3. Discussion and input on criteria for replacement on vacant/frozen County non-public safety positions

   Discussion and input

4. Agreement with Olympic Community Action Programs for operation of the Social Distancing Center (2c)*

   Agreement

5. Agreement with Olympic Peninsula Community Clinic for medical and case management services at the Social Distancing Center (2d)*

   Agreement

Community Development

6. Agreement amendment 1 with Environmental Science Associates for SMP Periodic Review and SMP amendment

   Agreement amendment 1

Board of Commissioners

7. Wake boat discussion – 10 a.m.

   Discussion and next steps

8. North Olympic Development Council (NODC) update – 10:30 a.m.

   Update

Public Works

9. Dungeness Off-Channel Reservoir project update

   Update

Budget

10. Review the “How Did We Do” report 2020 calendar year general fund results

    Review the "How Did We Do"

General Discussion/Items for Future Agendas

A. Commissioners Conversation Meeting (February 1) – Cancelled

B. Continued Work Session – HB1406 discussion (February 8 at 1 p.m.)

C. Commissioners Conversation Meeting – Topic TBD (March 1)

D. Continued Work Session – USDA Forest Service discussion (March 8 at 1 p.m.)

E. Charter Review Commission recommendation (March 15)

F. Department of Natural Resources quarterly report (March 15 at 1 p.m.)

G. Noise Ordinance (TBD)

EXECUTIVE SESSION
The Board may recess into Executive Session to consider employment or dismissal of personnel, to review the performance of a public employee, to consult with legal counsel, to consider the position to be taken in collective bargaining, to consider acquisition or sale of real estate, or other matters per RCW 42.30.110

- Other items may be added at the discretion of the Board and additional Work Sessions may be scheduled if more time is needed to allow for adequate discussion.
- Written testimony presented by members of the public during the Board meeting is considered a public document and must be submitted to the Clerk of the Board.

- Copies of public documents from Board meetings are available by contacting the Public Records Department.

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1/25/21

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: Parks, Fair & Facilities

WORK SESSION ☒ **Meeting Date:** **01.25.2021**

REGULAR AGENDA ☒ **Meeting Date:** **02.02.2021**

Required originals approved and attached? ☒
Will be provided on:

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☒ **RFP/RFQ**

Documents exempt from public disclosure attached: ☐

Executive summary:

Requests for Proposals/Qualifications (RFP/RFQ) and Letters of Interest for Professional Services for the year 2021.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐

None, with the exception of advertising.

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)

I recommend the Board approve the RFP/RFQ announcement for 2021 and authorize the Chair to sign.

County Official signature & print name: _____ Joel G. Winborn

Name of Employee/Stakeholder attending meeting: Joel G. Winborn

Relevant Departments: Parks, Fair & Facilities

Date submitted: 01.13.2021

REQUEST FOR PROPOSALS/QUALIFICATIONS (RFP/RFQ)
2021 ARCHITECTURE/ENGINEERING CONSULTING SERVICES

CLALLAM COUNTY
PARKS, FAIR & FACILITIES DEPARTMENT

Clallam County is soliciting proposals from interested parties to provide Architectural and Engineering services to the Board of Clallam County Commissioners. Proposals will be received at 223 East 4th Street, Room 150, Port Angeles, Washington until **10 a.m., Tuesday, February 23, 2021** at which time they will be opened publicly and read aloud.

The sealed proposals must be clearly marked on the outside of the envelope, **"Qualifications – 2021 Architecture/Engineering Consulting Services."** Address proposal to: Board of Clallam County Commissioners, 223 East 4th Street, Suite 4, Port Angeles, Washington 98362 or hand-deliver to 223 East 4th Street, Room 150, Port Angeles, Washington. Documents delivered to other offices and received late by the Commissioners' Office will not be considered nor will ones received by facsimile or e-mail. Submittals made in an incorrect format will not be considered.

An informational packet on proposal requirements may be obtained Monday through Friday, 8 a.m. to 4:30 p.m., from:

Clallam County Parks, Fair & Facilities Department
223 East 4th St., Suite 7
Port Angeles, WA 98362-3015
Attn: Joel G. Winborn, Director
PH: 360.417.2429
EMAIL: jwinborn@co.clallam.wa.us (preferred)

Professional services may include:

1. Architecture/Landscape Architecture: Building construction consisting of re-roofs; alterations/additions; New Construction; ADA improvements; facility signage improvements; floor covering; painting; parks and fairgrounds facility and grounds improvements; fairgrounds master planning; historic preservation; emergency management and 911 services facility; facility/park/site master planning; feasibility studies and other associated work to be determined.

2. Engineering: Parking lot design; drainage and storm water design; water system improvements; septic systems, lift station and drain-field design; fire alarm and notification system upgrades: HVAC systems improvements and replacements; water system repairs and design, building access control and security upgrades and design; structural analysis/design; surveying, parks and fairgrounds facility and grounds related improvement projects; environmental mitigation and permitting; utilities design; building energy analysis/assessment; feasibility studies and other associated work to be determined.

3. Environmental: NEPA/SEPA/EIS documentation; archeological/cultural resources surveys; environmental/geotechnical analysis and reports, hazardous materials surveys and underground tank de-commissioning; wetland delineation and mitigation, shoreline permitting, and other associated work to be determined.

Clallam County hereby notifies all that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined in Title VI of the Civil Rights Act of 1964 at 49 CFR Part 23 will be afforded full opportunity to submit proposals in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

PASSED THIS _____day of _____2021

ATTEST:

BOARD OF CLALLAM COUNTY COMMISSIONERS

_____
Loni Gores, Clerk of the Board

_____
Mark Ozias, Chair

c: Parks, Fair & Facilities

Publish: February 7th and 14th, 2021
Bill: Parks, Fair & Facilities

REQUEST FOR PROPOSALS/QUALIFICATIONS (RFP/RFQ)
2021 ARCHITECTURE/ENGINEERING CONSULTING SERVICES

CLALLAM COUNTY
PARKS, FAIR & FACILITIES DEPARTMENT

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ATTEST:

BOARD OF CLALLAM COUNTY COMMISSIONERS

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Loni Gores, Clerk of the Board

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Mark Ozias, Chair

c: Parks, Fair & Facilities

Publish: February 7th and 14th, 2021
Bill: Parks, Fair & Facilities

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AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda) 1/25/21

Department: HR

WORK SESSION ☒ **Meeting Date:** January 25th, 2021

REGULAR AGENDA ☐ **Meeting Date:**

Required originals approved and attached? ☒
Will be provided on:

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☒ Other: Discussion on Hiring Freeze & Exemption Criteria

Documents exempt from public disclosure attached: ☐

Executive summary:
Commissioner discussion and input on criteria for replacement on vacant/frozen County non-public safety positions.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)

County Official signature & print name: [signature]

Name of Employee/Stakeholder attending meeting: Mark Lane

Relevant Departments: Finance/Administration/HR

Date submitted:
1-20-21

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* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Agenda Item Summary
Revised: 3-04-2019

Questions? Call Loni Gores, Clerk of the Board, ext 2256

CLALLAM COUNTY
HUMAN RESOURCES DEPARTMENT
COUNTY COURTHOUSE
223 E. 4TH ST., SUITE 16
PORT ANGELES, WA 98362-3015
PHONE: (360) 417-2242
FAX: (360) 417-2550

RICH SILL, COUNTY ADMINISTRATOR | HR DIRECTOR

Proposed Hiring Freeze Exemption Criteria:

(1) Not filling the position will have a direct, significant and measurable impact on revenue generation for the County;

(2) Not filling the position will significantly impede provision of mandated services vital to the operation of the County and its citizens;

(3) Position opening created by promotion (where we need to back fill the role to enable the promoted person to fulfill their new duties) where there is no capacity for the promoted person or other department personnel to retain/absorb the promoted person's prior duties;

(4) Position is fully funded through grant funds;

(5) Position is required to be filled in order to perform specific duties required by contractual commitments the County has under an existing contract/agreement for which there is no other available personnel to perform those duties without significantly impairing the delivery of mandated services;

(6) Not filling the position will put the department at significant risk of violating RCW or other regulatory requirements;

(7) Not filling the position will lead to additional overtime, extra help, or professional services costs being incurred that equal or exceed the cost savings of not filling the position;

(8) The position is being filled with an acting or provisional appointment;

(9) The position will be funded through the end result of a department reorganization effort.

Current Open Positions

	Department	Open Since	Open Position	Current Status
1	Auditor	12/31/2020	Title Examiner	Unfilled
2	Clerks	4/13/2020	Court Clerk	Unfilled
3	Clerks	12/31/2020	Court Clerk	Unfilled
4	DCD	12/16/2020	Administrative Specialist	Unfilled
5	DCD	12/31/2020	Habitat Biologist	Unfilled
6	District Court I	6/1/2020	Probation Officer	Unfilled
7	HHS	8/31/2020	Director HHS	Filled w/ Interim Appt.
8	HHS	9/24/2020	Customer Service Specialist (PT)	Unfilled
9	HHS/Enviro. Health	7/31/2020	Customer Service Specialist	Unfilled
10	Parks, Fair & Facilities	1/4/2021	Maintenance Worker	Unfilled
11	Prosecutor's Office	3/27/2020	DPA	Unfilled
12	Prosecutor's Office	5/31/2020	Legal Assistant	Unfilled
13	Prosecutor's Office	1/14/2021	Legal Assistant	Unfilled
14	Roads	5/31/2020	Maintenance Worker (Sequim)	Unfilled | Dept. Holding
15	Roads	6/25/2020	Maintenance Worker (PA)	Unfilled | Dept. Holding

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1/25/21
2C

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: Health and Human Services

WORK SESSION ☒ **Meeting Date: January 25, 2021**

REGULAR AGENDA ☒ **Meeting Date: January 26, 2021**

Required originals approved and attached? ☒
Will be provided on:

Item summary:

☐ Call for Hearing
☒ Contract/Agreement/MOU - Contract # 11301-21-OLYSHEL, AMENDMENT#1
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☐ Other

Documents exempt from public disclosure attached: ☐

Executive summary:
Attached is Personal Services Agreement between Clallam County Health and Olympic Community Action Programs for operation of the Social Distancing Center, located at 2140 W. 18th Street, Port Angeles. The Agreement allows Olympic Community Action Programs to provide management and staffing at the Social Distancing Center from January 1, 2021 to May 31, 2021. The compensation shall not exceed $262,522.00.

The BOCC reviewed and approved the Personal Services Agreement at their December 29, 2020 meeting, but due to budget complexities, Health and Human Services and Olympic Community Action Programs is requesting the budget/payment process to be simplified.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Review and approve Personal Services Agreement.

County Official signature & print name: Kevin LoPiccolo

Name of Employee/Stakeholder attending meeting: Kevin LoPiccolo

Relevant Departments: Health and Human Services

Date submitted: January 20, 2021

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* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Questions? Call Loni Gores, Clerk of the Board, ext 2256

PERSONAL SERVICES AGREEMENT

THIS AGREEMENT is entered into between CLALLAM COUNTY, a political subdivision of the State of Washington, (hereinafter called "County" or "Clallam County") and

Name: Olympic Community Action Programs
Address: 823 Commerce Loop
Port Townsend, WA 98368
Phone Nº: (360) 385-2571

(hereinafter called "Contractor").

This Agreement is comprised of:

☒ Attachment A - Scope of Work

☒ Attachment B – Compensation

☐ Attachment C - General Conditions

☐ Attachment D - Special Terms and Conditions

☐ Attachment E (specify) –

copies of which are attached hereto and incorporated herein by this reference as if fully set forth.

The term of this Agreement shall commence on the 1st day of January 2021 and shall, unless terminated as provided elsewhere in the Agreement, terminate on the 31st day of May 2021.

IN WITNESS WHEREOF, the parties have executed this Agreement on this day of January 2021.

CONTRACTOR

_____

Print name: _____

Title: _____

Date: _____, 2021

ATTEST:

_____
Loni Gores, Clerk of the Board

BOARD OF CLALLAM COUNTY COMMISSIONERS

_____
Mark Ozias, Chair

THIS CONTRACT HAS BEEN APPROVED AS TO FORM BY THE CLALLAM COUNTY PROSECUTING ATTORNEY

Originals: BOCC
Vendor
Initiating Department
Copies: 5

SCOPE OF WORK

1. Olympic Community Action Programs (OlyCAP) will provide management and staffing at the temporary Recovery Shelter facility (located at 2140 West 18th in Port Angeles) being initiated due to the COVID19 pandemic.
2. Provide personnel to assist with running the Recovery Shelter and to fill non-medical staffing needs.
3. Make case workers available to assess the nonmedical individual needs of Recovery Shelter guests.
4. Submit periodic reports back to Clallam County Health and Human Services (HHS) regarding the status of the Recovery Shelter operations.
    a. the number of people being sheltered and number of meals served
    b. the status of supplies
    c. any problem areas
5. Provide support of facility operations.
6. Provide the necessary training to personnel.
7. Develop (in coordination with HHS) and post Recovery Shelter rules and signage for hygiene.
8. Monitor capacity among unsheltered service providers who are agency partners and refer clients to participating agencies as capacity permits.
9. Coordinate with other local human service providers and volunteers to provide social amenities, as possible.
10. Coordinate with other local community-based organizations, other human service providers, and local businesses to provide basic supplies to individuals who are guests of the Recovery Shelter.
11. Coordinate with partner service providers as needed for behavioral health needs of the guests.
12. Establish procedures for handling medical emergencies (presumably, the local fire department or paramedic services will be the first contact).

BUDGET/FEE SCHEDULE
January 1, 2021 – May 31, 2021

All invoices will be based on actual cost plus Indirect Cost Recovery (ICR).

COMPENSATION

1. ☐a. FIXED FEE FOR SERVICE: For services rendered, the County shall pay to the Contractor a fixed fee of DOLLARS ($) for the completed work set forth in Attachment A. Payments for completed tasks shall be made no more frequently than ☐ monthly; ☐ quarterly; ☐semi-annually; ☐ annually; ☐ at completion of project; ☐ other (specify) .

Each request for payment shall be supported by an invoice specifying the tasks completed up to the request for payment and the payment amount requested. In no event shall payment be sought in an amount which represents a percentage of the fee greater than the percentage of completed tasks.

OR

☒ **b. COMPENSATION:** For services rendered, the County shall compensate the Contractor for actual costs incurred, plus ICR, NOT TO EXCEED the following:

Salaries & Benefits	**$231,329**
Mileage	**$2,054**
ICR	**$29,169**
TOTAL NOT TO EXCEED	**$262,522**

Payments for completed tasks shall be made no more frequently than ☒ monthly; ☐quarterly; ☐semi-annually;
☐ annually; ☐at completion of project; ☐ other (specify)

Each request for payment shall be supported by an invoice specifying: Total Salaries, Total Mileage, Total ICR, as well as copies of timesheets, and a GL Extract showing amounts paid for Salaries and Mileage.

2. AND

☒**a.** The compensation set forth herein includes, without limitation: Receipts for cost of labor, materials, equipment, travel, telephone, computer, copiers, and the like.

OR

☐ **b.** The County shall reimburse the Contractor for actual expenses incurred for travel, telephone, copiers, and computer. Reimbursement for airfare, mileage, meals and/or accommodations shall be at the same rate as that applicable to county employees traveling on county business.

OR

☐ **c.** Other (specify):

GENERAL CONDITIONS

1. Scope of Contractor's Services. The Contractor agrees to provide to the County services and any materials set forth in the project narrative identified as Attachment A during the agreement period. No material, labor, or facilities will be furnished by the County, unless otherwise provided for in the Agreement.

2. Accounting and Payment for Contractor Services. Payment to the Contractor for services rendered under this Agreement shall be as set forth in Attachment B. Unless specifically stated in Attachment B, the County will not reimburse the Contractor for any costs or expenses incurred by the Contractor in the performance of this contract.

   The County shall compensate the Contractor through the County voucher system for the Contractor's service pursuant to the fee schedule set forth in Attachment B.

3. Delegation and Subcontracting. Contractor's services are deemed personal and no portion of this contract may be delegated or subcontracted to any other individual, firm or entity without the express and prior written approval of the County Project Manager.

4. Independent Contractor. The Contractor's services shall be furnished by the Contractor as an independent contractor and nothing herein contained shall be construed to create a relationship of employer/employee or master/servant.

   The Contractor acknowledges that the entire compensation for this Agreement is specified in Attachment B and the Contractor is not entitled to any county benefits including, but not limited to: vacation pay, holiday pay, sick leave pay, medical, dental or other insurance benefits, or any other rights or privileges afforded to Clallam County employees. The Contractor represents that it maintains a separate place of business, serves clients other than the County, will report all income and expense accrued under this contract with the Internal Revenue Service on a business tax schedule, and has a tax account with the State of Washington Department of Revenue for payment of all sales and use and Business and Occupation taxes collected by the State of Washington.

   In the event that either the state or federal government determines that an employer/employee or master/servant relationship exists rather than an independent contractor relationship such that Clallam County is deemed responsible for federal withholding, social security contributions, workers compensation and the like, the Contractor agrees to reimburse Clallam County for any payments made or required to be made by Clallam County. Should any payments be due to the Contractor pursuant to this Agreement, the Contractor agrees that reimbursement may be made by deducting from such future payments a pro rata share of the amount to be reimbursed.

   Notwithstanding any determination by the state or federal government that an employer/employee or master/servant relationship exists, the Contractor, its officers, employees and agents, shall not be entitled to any benefits that Clallam County provides to its employees.

5. No Guarantee of Employment. The performance of all or part of this contract by the Contractor shall not operate to vest any employment rights whatsoever and shall not be deemed to guarantee any employment of the Contractor or any employee of the Contractor or any subcontractor or any employee of any subcontractor by the County at the present time or in the future.

6. Regulations and Requirements. This Agreement shall be subject to all federal, state, and local laws, rules, and regulations.

7. Right to Review. This contract is subject to review by any federal or state auditor. The County shall have the right to review and monitor the financial and service components of this program by whatever means are deemed expedient by the County Project Manager. Such review may occur with or without notice, and may include, but is not limited to, on-site inspection by County agents or employees, inspection of all records or other materials that the County deems pertinent to the

Agreement and its performance, and any and all communications with or evaluations by service recipients under this Agreement. The Contractor shall preserve and maintain all financial records and records relating to the performance of work under this Agreement for three (3) years after contract termination, and shall make them available for such review, within Clallam County, State of Washington, upon request, during reasonable business hours.

8. Modifications. Either party may request changes in the Agreement. Any and all agreed modifications shall be in writing, signed by each of the parties.

9. Termination for Default. If the Contractor defaults by failing to perform any of the obligations of the contract or becomes insolvent or is declared bankrupt or makes an assignment for the benefit of creditors, the County may, by depositing written notice to the Contractor in the U.S. Mail, postage prepaid, terminate the contract, and at the County's option, obtain performance of the work elsewhere. If the contract is terminated for default, the Contractor shall not be entitled to receive any further payments under the contract. Any extra cost or damage to the County resulting from such default(s) shall be deducted from any money due or coming due to the Contractor. The Contractor agrees to bear any extra expenses incurred by the County in completing the work, including all increased costs for completing the work, and all damage sustained, or which may be sustained by the County by reason of such default.

   If a notice of termination for default has been issued and it is later determined for any reason that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to the Termination for Public Convenience paragraph hereof.

10. Termination for Public Convenience. The County may terminate the contract in whole or in part whenever the County determines, in its sole discretion that such termination is in the interests of the County. Whenever the contract is terminated in accordance with this paragraph, the Contractor shall be entitled to payment for actual work performed for completed items of work. An equitable adjustment in the contract price for partially completed items of work will be made, but such adjustment shall not include provision for loss of anticipated profit on deleted or uncompleted work. Termination of this contract by the County at any time during the term, whether for default or convenience, shall not constitute a breach of contract by the County.

11. Termination Due to Insufficient Funds. If sufficient funds for payment under this contract are not appropriated or allocated or are withdrawn, reduced, or otherwise limited, the County may terminate this contract upon five (5) days written notice to the Contractor. No penalty or expense shall accrue to the County in the event this provision applies.

12. Termination Procedure. The following provisions apply in the event that this Agreement is terminated:

    (a) The Contractor shall cease to perform any services required hereunder as of the effective date of termination and shall comply with all reasonable instructions contained in the notice of termination, if any.

    (b) The Contractor shall provide the County with an accounting of authorized services provided through the effective date of termination.

    (c) If the Agreement has been terminated for default, the County may withhold a sum from the final payment to the Contractor that the County determines necessary to protect itself against loss or liability.

13. Defense and Indemnity Agreement.

    (a) The Contractor agrees to hold harmless, indemnify and defend the County, its officers, officials, employees and agents, from and against any and all claims, actions, suits, liability,

loss, expenses, damages and judgments of any nature whatsoever, including reasonable costs and attorneys' fees in defense thereof, for injury, sickness, disability or death to persons or damage to property (including loss of use thereof) or business (including economic loss), caused by or arising out of the Contractor's acts, errors or omissions in the performance of the Contract. Provided, however, that the Contractor's obligation under this provision will not extend to injury, sickness, disability, death or damage caused by or arising out of the sole negligence of the County, its officers, officials, employees or agents.

(b) With regard to any claim against the County, its officers, officials, employees and agents by any employee of the Contractor, subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation under this Section will not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or subcontractor under workers' compensation acts, disability benefit acts or other employee benefit acts. It is clearly agreed and understood by the parties to the Contract that the Contractor expressly waives any immunity the Contractor might have had under such laws. By executing the Contract, the Contractor acknowledges that the foregoing waiver has been mutually negotiated by the parties as is required by RCW 4.24.115, and that the provisions of this Section will be incorporated, as relevant, into any contract the Contractor makes with any subcontractor or agent performing work under the Contract.

(c) The Contractor's obligations under these provisions include, but are not limited to, investigating, adjusting, and defending all claims alleging loss from action, error or omission, or breach of any common law, statutory or other delegated duty by the Contractor, the Contractor's employees, agents or subcontractors.

14. Industrial Insurance Waiver. With respect to the performance of this Agreement and as to claims against the County, its appointed and elected officers, agents and employees, the Contractor expressly waives its immunity under Title 51 of the Revised Code of Washington, the Industrial Insurance Act, as now or hereafter amended, for injuries to its employees and agrees that the obligations to indemnify, defend and hold harmless provided in this Agreement extend to any claim brought by or on behalf of any employee of the Contractor. Along with the other provisions of this Agreement, this waiver is mutually negotiated by the parties to this Agreement.

15. Venue and Choice of Law. In the event that any litigation should arise concerning the construction or interpretation of any of the terms of this Agreement, the venue of such action shall be in the courts of the State of Washington in and for the County of Clallam. This Agreement shall be governed by the law of the State of Washington.

16. Withholding Payment. In the event the County Project Manager determines that the Contractor has failed to perform any obligation under this Agreement within the times set forth in this Agreement, then the County may withhold from amounts otherwise due and payable to Contractor the amount determined by the County as necessary to cure the default, until the County Project Manager determines that such failure to perform has been cured. Withholding under this clause shall not be deemed a breach entitling Contractor to termination or damages, provided that the County promptly gives notice in writing to the Contractor of the nature of the default or failure to perform, and in no case more than ten (10) days after it determines to withhold amounts otherwise due. A determination of the County Project Manager set forth in a notice to the Contractor of the action required and/or the amount required to cure any alleged failure to perform shall be deemed conclusive, except to the extent that the Contractor acts within the times and in strict accord with the provision of the Disputes clause of this Agreement. The County may act in accordance with any determination of the County Project Manager which has become conclusive under this clause, without prejudice to any other remedy under the Agreement, to take all or any of the following actions: (1) cure any failure or default, (2) to pay any amount so required to be paid and to charge the same to the account of the Contractor, (3) to set off any amount paid or incurred from amounts due or to become due the Contractor. In the event the Contractor obtains relief upon a claim under the Disputes clause, no penalty or damages shall accrue to the Contractor by reason of good faith withholding by the County under this clause.

17. Rights and Remedies. The duties and obligations imposed by this Agreement and the rights and remedies available hereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.

18. Contractor Commitments, Warranties and Representations. Any written commitment received from the Contractor concerning this Agreement shall be binding upon the Contractor, unless otherwise specifically provided herein with reference to this paragraph. Failure of the Contractor to fulfill such a commitment shall render the Contractor liable for damages to the County. A commitment includes, but is not limited to any representation made prior to execution of this Agreement, whether or not incorporated elsewhere herein by reference, as to performance of services or equipment, prices or options for future acquisition to remain in effect for a fixed period, or warranties.

19. Patent/Copyright Infringement. Contractor will defend, indemnify and save harmless County, its appointed and elected officers, agents and employees from and against all loss or expense, including but not limited to claims, demands, actions, judgments, settlements, attorneys' fees and costs by reason of any and all claims and demands upon the County, its elected or appointed officials or employees for damages because of the Contractor's alleged infringement on any patent or copyright. The Contractor will pay those costs and damages attributable to any such claims that are finally awarded against the County, its appointed and elected officers, agents and employees in any action. Such defense and payments are conditioned upon the following:

(a) That Contractor shall be notified promptly in writing by County of any notice of such claim.

(b) Contractor shall have the right, hereunder, at its option and expense, to obtain for the County the right to continue using the information, in the event such claim of infringement, is made, provided no reduction in performance or loss results to the County.

20. Disputes:

(a) General. Differences between the Contractor and the County, arising under and by virtue of the contract documents shall be brought to the attention of the County at the earliest possible time in order that such matters may be settled or other appropriate action promptly taken. The records, orders, rulings, instructions, and decision of the County Project Manager shall be final and conclusive 30 days from the date of mailing unless the Contractor mails or otherwise furnishes to the County Administrator a written notice of appeal. The notice of appeal shall include facts, law, and argument as to why the conclusions of the County Project Manager are in error.

In connection with any appeal under this clause, the Contractor and County shall have the opportunity to submit written materials and argument and to offer documentary evidence in support of the appeal. Oral argument and live testimony will not be permitted. The decision of the County Administrator for the determination of such appeals shall be final and conclusive. Reviews of the appellate determination shall be brought in the Superior Court of Clallam County within 15 days of mailing of the written appellate determination. Pending final decision of the dispute, the Contractor shall proceed diligently with the performance of this Agreement and in accordance with the decision rendered.

(b) Notice of Potential Claims. The Contractor shall not be entitled to additional compensation or to extension of time for (1) any act or failure to act by the County Project Manager or the County, or (2) the happening of any event or occurrence, unless the Contractor has given the County a written Notice of Potential Claim within 10 days of the commencement of the act, failure, or event giving rise to the claim, and before final payment by the County. The written Notice of Potential Claim shall set forth the reasons for which the Contractor believes additional compensation or extension of time is due, the nature of the cost involved, and insofar as possible, the amount of the potential claim. Contractor shall

keep full and complete daily records of the work performed, labor and material used, and all costs and additional time claimed to be additional.

(c) Detailed Claim. The Contractor shall not be entitled to claim any such additional compensation, or extension of time, unless within 30 days of the accomplishment of the portion of the work from which the claim arose, and before final payment by the County, the Contractor has given the County a detailed written statement of each element of cost or other compensation requested and of all elements of additional time required, and copies of any supporting documents evidencing the amount or the extension of time claimed to be due.

21. Ownership of Items Produced. All writings, programs, data, art work, music, maps, charts, tables, illustrations, records or other written, graphic, analog or digital materials prepared by the Contractor and/or its consultants or subcontractors, in connection with the performance of this Agreement shall be the sole and absolute property of the County and constitute "work made for hire" as that phrase is used in federal and/or state intellectual property laws and Contractor and/or its agents shall have no ownership or use rights in the work.

22. Recovery of Payments to Contractor. The right of the Contractor to retain monies paid to it is contingent upon satisfactory performance of this Agreement, including the satisfactory completion of the project described in the Scope of Work (Attachment A). In the event that the Contractor fails, for any reason, to perform obligations required of it by this Agreement, the Contractor may, at the County Project Manager's sole discretion, be required to repay to the County all monies disbursed to the Contractor for those parts of the project that are rendered worthless in the opinion of the County Project Manager by such failure to perform.

Interest shall accrue at the rate of 12 percent (12%) per annum from the time the County Project Manager demands repayment of funds.

23. Project Approval. The extent and character of all work and services to be performed under this Agreement by the Contractor shall be subject to the review and approval of the County Project Manager. For purposes of this Agreement, the County Project Manager is:

Name: Kevin LoPiccolo

Title: Interim Director

Address: 111 E 3rd Street Port Angeles, WA 98362

Telephone: 360-417-2523

E-mail: klopiccolo@co.clallam.wa.us

Fax: 360-452-9605

In the event there is a dispute with regard to the extent and character of the work to be done, the determination of the County Project Manager as to the extent and character of the work to be done shall govern subject to the Contractor's right to appeal that decision as provided herein.

24. Non-Discrimination. The Contractor shall not discriminate against any person on the basis of race, creed, political ideology, color, national origin, sex, marital status, sexual orientation, age, or the presence of any sensory, mental or physical handicap.

25. Subcontractors. In the event that the Contractor employs the use of any subcontractors, the contract between the Contractor and the subcontractor shall provide that the subcontractor is bound by the terms of this Agreement between the County and the Contractor. The Contractor shall insure that in all subcontracts entered into, Clallam County is named as an express third-party beneficiary of such contracts with full rights as such.

26. No Third Party Beneficiaries. This agreement is intended for the benefit of only the County and Contractor. This agreement does not confer any benefits, rights, or privileges upon any third party.

27. Standard of Care. The Contractor shall perform its duties hereunder in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession as the Contractor currently practicing under similar circumstances. The Contractor shall, without additional compensation, correct those services not meeting such a standard.

28. Time is of the Essence. Time is of the essence in the performance of this contract unless a more specific time period is set forth in either the Special Terms and Conditions or Scope of Work.

29. Notice. Except as set forth elsewhere in the Agreement, for all purposes under this Agreement, except service of process, any notices shall be given by the Contractor to the County Project Manager. Notice to the Contractor for all purposes under this Agreement shall be given to the person executing the Agreement on behalf of the Contractor at the address identified on the signature page.

30. Severability. If any term or condition of this contract or the application thereof to any person(s) or circumstances is held invalid, such invalidity shall not affect other terms, conditions, or applications which can be given effect without the invalid term, condition or application. To this end, the terms and conditions of this contract are declared severable.

31. Precedence. In the event of inconsistency in this Agreement, unless otherwise provided herein, the inconsistency shall be resolved by giving precedence in the following order:

    (a) Applicable federal, state, and local statutes, ordinances, and regulations;

    (b) Scope of Work (Attachment A) and Compensation (Attachment B);

    (c) Special Terms and Conditions (Attachment D); and

    (d) General Conditions (Attachment C).

32. Waiver. Waiver of any breach or condition of this contract shall not be deemed a waiver of any prior or subsequent breach. No term or condition of this contract shall be held to be waived, modified, or deleted except by an instrument, in writing, signed by the parties hereto.

33. Attorney Fees. In the event that litigation must be brought to enforce the terms of this agreement, the prevailing party shall be entitled to be paid reasonable attorney fees.

34. Construction. This agreement has been mutually reviewed and negotiated by the parties and should be given a fair and reasonable interpretation and should not be construed less favorably against either party.

35. Survival. Without being exclusive, Paragraphs 4, 7, 13-19, 21-22 and 31-35 of these General Conditions shall survive any termination, expiration, or determination of invalidity of this Agreement in whole or in part. Any other Paragraphs of this Agreement which, by their sense and context, are intended to survive shall also survive.

36. Entire Agreement. This written contract represents the entire Agreement between the parties and supersedes any prior statements, discussions or understandings between the parties except as provided herein.

SPECIAL TERMS AND CONDITIONS

☒ 1. Reporting. The Contractor shall submit written progress reports to the County Project Manager as set forth below:

- ☐ With each request for payment.
- ☐ Monthly.
- ☐ Quarterly.
- ☐ Semi-annually.
- ☐ Annually.
- ☐ Project completion.
- ☒ Other (specify): Weekly

Progress reports shall include, at a minimum, the following: Number of people at Recovery Shelter, number of meals, status of supplies, and any problem areas.

Reports shall include any problems, delays or adverse conditions which will materially affect the Contractor's ability to meet project objectives or time schedules together with a statement of action taken or proposed to resolve the situation. Reports shall also include recommendations for changes to the Scope of Work, if any. Payments may be withheld if reports are not submitted.

☒ 2. Insurance. The Contractor shall maintain in full force and effect during the term of this Agreement, and until final acceptance of the work, public liability and property damage insurance with companies or through sources approved by the state insurance commissioner pursuant to RCW Title 48, as now or hereafter amended. The County, its appointed and elected officials, agents and employees, shall be specifically named as additional insureds in a policy with the same company which insures the Contractor or by endorsement to an existing policy or with a separate carrier approved pursuant to RCW Title 48, as now or hereafter amended, and the following coverages shall be provided:

☒ COMMERCIAL GENERAL LIABILITY:		
Bodily injury, including death	$1,000,000	per occurrence
	$2,000,000	aggregate
Property damage	$1,000,000	per occurrence
	$2,000,000	aggregate
☒ ERRORS AND OMISSIONS or PROFESSIONAL LIABILITY with an Extended Reporting Period Endorsement (two year tail)	$2,000,000	per occurrence
☒ WORKERS COMPENSATION:	Statutory amount	

☐	AUTOMOBILE: coverage on owned, non-owned, rented and hired vehicles		
	Bodily injury, liability, including death	$	per occurrence
		$	aggregate
	Property damage liability	$	per occurrence
		$	aggregate
☐	BUSINESS AUTOMOBILE LIABILITY:	$	per occurrence

If the Errors and Omissions or Professional Liability insurance obtained is an occurrence policy as opposed to a claims-made policy, the Extended Reporting Period Endorsement is not required.

Any such policy of insurance the Contractor is required to obtain and maintain pursuant to this Agreement shall be primary over any third party liability coverage provided to Clallam County by and through its membership in the Washington Counties Risk Pool or WCRP. The third party liability coverage provided by the WCRP to Clallam County shall be non-contributory with respect to any policy of insurance the Contractor is required to obtain and maintain pursuant to this Agreement. The County shall have no obligation to report occurrences unless a claim or lawsuit is filed with it and the County has no obligation to pay any insurance premiums.

Evidence of primary insurance coverage shall be submitted to the County Project Manager within 20 days of the execution of the Agreement. The Agreement shall be void ab initio if the proof of coverage is not timely supplied.

If the proof of insurance or certificate of coverage indicating the County is an "additional insured" to a policy obtained by the Consultant in order to comply with this agreement refers to an endorsement (by number, abbreviation or name) but does not provide the full text of that endorsement, then it shall be the obligation of the Consultant to obtain the full text of that endorsement and forward that full text to the County within 30 days of the execution of this Agreement.

The coverage limits identified herein shall not limit the potential liability of the Contractor and the Contractor's duty to defend, indemnify, and hold harmless shall apply to any liability beyond the scope of insurance coverage.

☐ 3. Liquidated Damages. For delays in timely completion of the work to be done or missed milestones of the work in progress, the Contractor shall be assessed Dollars ($) per day as liquidated damages and not as a penalty because the County finds it impractical to calculate the actual cost of delays. Liquidated damages will not be assessed for any days for which an extension of time has been granted. No deduction or payment of liquidated damages will, in any degree, release the Contractor from further obligations and liabilities to complete the entire project.

☐ 4. Other (specify):.

5
1/25/21
2d

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: Health and Human Services

WORK SESSION ☒ **Meeting Date: January 25, 2021**

REGULAR AGENDA ☒ **Meeting Date: January 26, 2021**

Required originals approved and attached? ☒
Will be provided on:

Item summary:

☐ Call for Hearing
☒ Contract/Agreement/MOU - Contract # 11301-21-OPCCSDC, AMENDMENT#1
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☐ Other

Documents exempt from public disclosure attached: ☐

Executive summary:
Clallam County is contracting with Olympic Peninsula Community Clinic (OPCC) to provide medical services and case management to the guests of the Social Distancing Center, located at 2140 W. 18th Street. OPCC will provide the following staff; Medical Doctor (at no cost), Medical Assistant ($26.50/hr), and Lead Case Manager ($22.90/hr). The term of the contract is from January1, 2021 through May 31, 2021. The compensation shall not exceed $12,350.80.

The BOCC reviewed and approved the Personal Agreement at their December 29, 2020 meeting. The amendment is being requested due to a salary increase for the Lead Case Manager.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Sign Agreement.

County Official signature & print name: Kevin LoPiccolo

Name of Employee/Stakeholder attending meeting: Kevin LoPiccolo

Relevant Departments: Health and Human Services

Date submitted: January 20, 2021

PERSONAL SERVICES AGREEMENT

THIS AGREEMENT is entered into between CLALLAM COUNTY, a political subdivision of the State of Washington, (hereinafter called "County" or "Clallam County") and

Name: Olympic Peninsula Community Clinic
Address: 819 Georgiana Street
Port Angeles, WA 98362
Phone Nº: 360-457-4431

(hereinafter called "Contractor").

This Agreement is comprised of:

☒ Attachment A - Scope of Work

☒ Attachment B – Compensation

☒ Attachment C - General Conditions

☒ Attachment D - Special Terms and Conditions

☐ Attachment E (specify) –

copies of which are attached hereto and incorporated herein by this reference as if fully set forth.

The term of this Agreement shall commence on the 1st day of January 2021 and shall, unless terminated as provided elsewhere in the Agreement, terminate on the 31st day of May 2021.

IN WITNESS WHEREOF, the parties have executed this Agreement on this day of January 2021.

CONTRACTOR

_____

Print name: _____

Title: _____

Date: _____, 2021

ATTEST:

_____
Loni Gores, Clerk of the Board

BOARD OF CLALLAM COUNTY COMMISSIONERS

_____
Mark Ozias, Chair

THIS CONTRACT (IN THE ABSENCE OF CHANGES) IS A STANDARDIZED CONTRACT PRE-APPROVED BY THE PROSECUTING ATTORNEY

Originals: BOCC
Vendor
Initiating Department
Copies: 5

SCOPE OF WORK

1. Olympic Peninsula Community Clinic (OPCC) will provide medical services and case management services at the Social Distancing Center (located at 2140 West 18th in Port Angeles) initiated due to the COVID19 pandemic.
2. OPCC will provide the following staff
    a. Medical Doctor (at no cost)
    b. Medical Assistant ($26.50/hr)
    c. Lead Case Manager ($22.90/hr)
3. OPCC will be on call 24/7 for the staff at the Social Distancing Center to request intake, medical advice, and/or Covid-19 testing
4. Medical Services will be offered to guests at the Social Distancing Center as needed and appropriate with a maximum of 16 hours weekly
5. Case management services will be offered to guests at the Social Distancing Center as needed throughout the weekdays with a maximum of 6 hours weekly.
6. OPCC will submit periodic reports back to Clallam County Health and Human Services (HHS) regarding the services provided
    a. the number of individuals served
    b. the services individuals received
7. OPCC will appropriately use personal protective equipment provided at the Social Distancing Center and or by the Clallam County Emergency Operations Center when interacting with other staff and guests

BUDGET/FEE SCHEDULE

January 1, 2021 – May 31, 2021

QUANTITY	SERVICE	RATE	ANTICIPATED HOURS	MAXIMUM ANTICIPATED TOTALS
1	Medical Assistant	$26.50 per hour	16 hours weekly 22 weeks = 352 hours	$9,328.00
1	Lead Case Manager	$22.90 per hour	6 hours weekly 22 weeks = 132 hours	$3,022.80
TOTAL				**$12,350.80**

All invoices will be based on actual cost.

COMPENSATION

1. ☐a. FIXED FEE FOR SERVICE: For services rendered, the County shall pay to the Contractor a fixed fee of DOLLARS ($) for the completed work set forth in Attachment A. Payments for completed tasks shall be made no more frequently than ☐ monthly; ☐ quarterly; ☐semi-annually; ☐ annually; ☐ at completion of project; ☐ other (specify) .

Each request for payment shall be supported by an invoice specifying the tasks completed up to the request for payment and the payment amount requested. In no event shall payment be sought in an amount which represents a percentage of the fee greater than the percentage of completed tasks.

OR

☒ **b. HOURLY RATES:** For services rendered, the County shall compensate the Contractor at the following hourly rates: **See Budget Above**

Name/Position	***Hourly Rate***
Medical Assistant	$26.50
Lead Case Manager	$22.90

Payments for completed tasks shall be made no more frequently than ☐ monthly; ☐quarterly; ☐semi-annually;
☐ annually; ☐at completion of project; ☒ other (specify) **very two weeks.**

Each request for payment shall be supported by an invoice specifying: the name/position of the Contractor's employee if two or more are identified above; number of hours worked; completed tasks for which compensation is sought; estimated percentage of task completion; payment amount requested; other (specify) .

In no event shall Contractor be compensated in excess of twelve thousand three hundred-fifty dollars and eighty cents ($12,350.80) for the completed work set forth in Attachment "A."

2. AND

☒**a.** The compensation set forth herein includes, without limitation: labor, materials, equipment, travel, telephone, computer, copiers, and the like.

OR

☐ **b.** The County shall reimburse the Contractor for actual expenses incurred for travel, telephone, copiers, and computer. Reimbursement for airfare, mileage, meals and/or accommodations shall be at the same rate as that applicable to county employees traveling on county business.

OR

☐ **c.** Other (specify):

GENERAL CONDITIONS

1. Scope of Contractor's Services. The Contractor agrees to provide to the County services and any materials set forth in the project narrative identified as Attachment A during the agreement period. No material, labor, or facilities will be furnished by the County, unless otherwise provided for in the Agreement.

2. Accounting and Payment for Contractor Services. Payment to the Contractor for services rendered under this Agreement shall be as set forth in Attachment B. Unless specifically stated in Attachment B, the County will not reimburse the Contractor for any costs or expenses incurred by the Contractor in the performance of this contract.

   The County shall compensate the Contractor through the County voucher system for the Contractor's service pursuant to the fee schedule set forth in Attachment B.

3. Delegation and Subcontracting. Contractor's services are deemed personal and no portion of this contract may be delegated or subcontracted to any other individual, firm or entity without the express and prior written approval of the County Project Manager.

4. Independent Contractor. The Contractor's services shall be furnished by the Contractor as an independent contractor and nothing herein contained shall be construed to create a relationship of employer/employee or master/servant.

   The Contractor acknowledges that the entire compensation for this Agreement is specified in Attachment B and the Contractor is not entitled to any county benefits including, but not limited to: vacation pay, holiday pay, sick leave pay, medical, dental or other insurance benefits, or any other rights or privileges afforded to Clallam County employees. The Contractor represents that it maintains a separate place of business, serves clients other than the County, will report all income and expense accrued under this contract with the Internal Revenue Service on a business tax schedule, and has a tax account with the State of Washington Department of Revenue for payment of all sales and use and Business and Occupation taxes collected by the State of Washington.

   In the event that either the state or federal government determines that an employer/employee or master/servant relationship exists rather than an independent contractor relationship such that Clallam County is deemed responsible for federal withholding, social security contributions, workers compensation and the like, the Contractor agrees to reimburse Clallam County for any payments made or required to be made by Clallam County. Should any payments be due to the Contractor pursuant to this Agreement, the Contractor agrees that reimbursement may be made by deducting from such future payments a pro rata share of the amount to be reimbursed.

   Notwithstanding any determination by the state or federal government that an employer/employee or master/servant relationship exists, the Contractor, its officers, employees and agents, shall not be entitled to any benefits that Clallam County provides to its employees.

5. No Guarantee of Employment. The performance of all or part of this contract by the Contractor shall not operate to vest any employment rights whatsoever and shall not be deemed to guarantee any employment of the Contractor or any employee of the Contractor or any subcontractor or any employee of any subcontractor by the County at the present time or in the future.

6. Regulations and Requirements. This Agreement shall be subject to all federal, state, and local laws, rules, and regulations.

7. Right to Review. This contract is subject to review by any federal or state auditor. The County shall have the right to review and monitor the financial and service components of this program by whatever means are deemed expedient by the County Project Manager. Such review may occur with or without notice, and may include, but is not limited to, on-site inspection by County agents or employees, inspection of all records or other materials that the County deems pertinent to the

Agreement and its performance, and any and all communications with or evaluations by service recipients under this Agreement. The Contractor shall preserve and maintain all financial records and records relating to the performance of work under this Agreement for three (3) years after contract termination, and shall make them available for such review, within Clallam County, State of Washington, upon request, during reasonable business hours.

8. Modifications. Either party may request changes in the Agreement. Any and all agreed modifications shall be in writing, signed by each of the parties.

9. Termination for Default. If the Contractor defaults by failing to perform any of the obligations of the contract or becomes insolvent or is declared bankrupt or makes an assignment for the benefit of creditors, the County may, by depositing written notice to the Contractor in the U.S. Mail, postage prepaid, terminate the contract, and at the County's option, obtain performance of the work elsewhere. If the contract is terminated for default, the Contractor shall not be entitled to receive any further payments under the contract. Any extra cost or damage to the County resulting from such default(s) shall be deducted from any money due or coming due to the Contractor. The Contractor agrees to bear any extra expenses incurred by the County in completing the work, including all increased costs for completing the work, and all damage sustained, or which may be sustained by the County by reason of such default.

   If a notice of termination for default has been issued and it is later determined for any reason that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to the Termination for Public Convenience paragraph hereof.

10. Termination for Public Convenience. The County may terminate the contract in whole or in part whenever the County determines, in its sole discretion that such termination is in the interests of the County. Whenever the contract is terminated in accordance with this paragraph, the Contractor shall be entitled to payment for actual work performed for completed items of work. An equitable adjustment in the contract price for partially completed items of work will be made, but such adjustment shall not include provision for loss of anticipated profit on deleted or uncompleted work. Termination of this contract by the County at any time during the term, whether for default or convenience, shall not constitute a breach of contract by the County.

11. Termination Due to Insufficient Funds. If sufficient funds for payment under this contract are not appropriated or allocated or are withdrawn, reduced, or otherwise limited, the County may terminate this contract upon five (5) days written notice to the Contractor. No penalty or expense shall accrue to the County in the event this provision applies.

12. Termination Procedure. The following provisions apply in the event that this Agreement is terminated:

    (a) The Contractor shall cease to perform any services required hereunder as of the effective date of termination and shall comply with all reasonable instructions contained in the notice of termination, if any.

    (b) The Contractor shall provide the County with an accounting of authorized services provided through the effective date of termination.

    (c) If the Agreement has been terminated for default, the County may withhold a sum from the final payment to the Contractor that the County determines necessary to protect itself against loss or liability.

13. Defense and Indemnity Agreement.

    (a) The Contractor agrees to hold harmless, indemnify and defend the County, its officers, officials, employees and agents, from and against any and all claims, actions, suits, liability,

loss, expenses, damages and judgments of any nature whatsoever, including reasonable costs and attorneys' fees in defense thereof, for injury, sickness, disability or death to persons or damage to property (including loss of use thereof) or business (including economic loss), caused by or arising out of the Contractor's acts, errors or omissions in the performance of the Contract. Provided, however, that the Contractor's obligation under this provision will not extend to injury, sickness, disability, death or damage caused by or arising out of the sole negligence of the County, its officers, officials, employees or agents.

(b) With regard to any claim against the County, its officers, officials, employees and agents by any employee of the Contractor, subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation under this Section will not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or subcontractor under workers' compensation acts, disability benefit acts or other employee benefit acts. It is clearly agreed and understood by the parties to the Contract that the Contractor expressly waives any immunity the Contractor might have had under such laws. By executing the Contract, the Contractor acknowledges that the foregoing waiver has been mutually negotiated by the parties as is required by RCW 4.24.115, and that the provisions of this Section will be incorporated, as relevant, into any contract the Contractor makes with any subcontractor or agent performing work under the Contract.

(c) The Contractor's obligations under these provisions include, but are not limited to, investigating, adjusting, and defending all claims alleging loss from action, error or omission, or breach of any common law, statutory or other delegated duty by the Contractor, the Contractor's employees, agents or subcontractors.

14. Industrial Insurance Waiver. With respect to the performance of this Agreement and as to claims against the County, its appointed and elected officers, agents and employees, the Contractor expressly waives its immunity under Title 51 of the Revised Code of Washington, the Industrial Insurance Act, as now or hereafter amended, for injuries to its employees and agrees that the obligations to indemnify, defend and hold harmless provided in this Agreement extend to any claim brought by or on behalf of any employee of the Contractor. Along with the other provisions of this Agreement, this waiver is mutually negotiated by the parties to this Agreement.

15. Venue and Choice of Law. In the event that any litigation should arise concerning the construction or interpretation of any of the terms of this Agreement, the venue of such action shall be in the courts of the State of Washington in and for the County of Clallam. This Agreement shall be governed by the law of the State of Washington.

16. Withholding Payment. In the event the County Project Manager determines that the Contractor has failed to perform any obligation under this Agreement within the times set forth in this Agreement, then the County may withhold from amounts otherwise due and payable to Contractor the amount determined by the County as necessary to cure the default, until the County Project Manager determines that such failure to perform has been cured. Withholding under this clause shall not be deemed a breach entitling Contractor to termination or damages, provided that the County promptly gives notice in writing to the Contractor of the nature of the default or failure to perform, and in no case more than ten (10) days after it determines to withhold amounts otherwise due. A determination of the County Project Manager set forth in a notice to the Contractor of the action required and/or the amount required to cure any alleged failure to perform shall be deemed conclusive, except to the extent that the Contractor acts within the times and in strict accord with the provision of the Disputes clause of this Agreement. The County may act in accordance with any determination of the County Project Manager which has become conclusive under this clause, without prejudice to any other remedy under the Agreement, to take all or any of the following actions: (1) cure any failure or default, (2) to pay any amount so required to be paid and to charge the same to the account of the Contractor, (3) to set off any amount paid or incurred from amounts due or to become due the Contractor. In the event the Contractor obtains relief upon a claim under the Disputes clause, no penalty or damages shall accrue to the Contractor by reason of good faith withholding by the County under this clause.

17. Rights and Remedies. The duties and obligations imposed by this Agreement and the rights and remedies available hereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.

18. Contractor Commitments, Warranties and Representations. Any written commitment received from the Contractor concerning this Agreement shall be binding upon the Contractor, unless otherwise specifically provided herein with reference to this paragraph. Failure of the Contractor to fulfill such a commitment shall render the Contractor liable for damages to the County. A commitment includes, but is not limited to any representation made prior to execution of this Agreement, whether or not incorporated elsewhere herein by reference, as to performance of services or equipment, prices or options for future acquisition to remain in effect for a fixed period, or warranties.

19. Patent/Copyright Infringement. Contractor will defend, indemnify and save harmless County, its appointed and elected officers, agents and employees from and against all loss or expense, including but not limited to claims, demands, actions, judgments, settlements, attorneys' fees and costs by reason of any and all claims and demands upon the County, its elected or appointed officials or employees for damages because of the Contractor's alleged infringement on any patent or copyright. The Contractor will pay those costs and damages attributable to any such claims that are finally awarded against the County, its appointed and elected officers, agents and employees in any action. Such defense and payments are conditioned upon the following:

(a) That Contractor shall be notified promptly in writing by County of any notice of such claim.

(b) Contractor shall have the right, hereunder, at its option and expense, to obtain for the County the right to continue using the information, in the event such claim of infringement, is made, provided no reduction in performance or loss results to the County.

20. Disputes:

(a) General. Differences between the Contractor and the County, arising under and by virtue of the contract documents shall be brought to the attention of the County at the earliest possible time in order that such matters may be settled or other appropriate action promptly taken. The records, orders, rulings, instructions, and decision of the County Project Manager shall be final and conclusive 30 days from the date of mailing unless the Contractor mails or otherwise furnishes to the County Administrator a written notice of appeal. The notice of appeal shall include facts, law, and argument as to why the conclusions of the County Project Manager are in error.

In connection with any appeal under this clause, the Contractor and County shall have the opportunity to submit written materials and argument and to offer documentary evidence in support of the appeal. Oral argument and live testimony will not be permitted. The decision of the County Administrator for the determination of such appeals shall be final and conclusive. Reviews of the appellate determination shall be brought in the Superior Court of Clallam County within 15 days of mailing of the written appellate determination. Pending final decision of the dispute, the Contractor shall proceed diligently with the performance of this Agreement and in accordance with the decision rendered.

(b) Notice of Potential Claims. The Contractor shall not be entitled to additional compensation or to extension of time for (1) any act or failure to act by the County Project Manager or the County, or (2) the happening of any event or occurrence, unless the Contractor has given the County a written Notice of Potential Claim within 10 days of the commencement of the act, failure, or event giving rise to the claim, and before final payment by the County. The written Notice of Potential Claim shall set forth the reasons for which the Contractor believes additional compensation or extension of time is due, the nature of the cost involved, and insofar as possible, the amount of the potential claim. Contractor shall

keep full and complete daily records of the work performed, labor and material used, and all costs and additional time claimed to be additional.

(c) Detailed Claim. The Contractor shall not be entitled to claim any such additional compensation, or extension of time, unless within 30 days of the accomplishment of the portion of the work from which the claim arose, and before final payment by the County, the Contractor has given the County a detailed written statement of each element of cost or other compensation requested and of all elements of additional time required, and copies of any supporting documents evidencing the amount or the extension of time claimed to be due.

21. Ownership of Items Produced. All writings, programs, data, art work, music, maps, charts, tables, illustrations, records or other written, graphic, analog or digital materials prepared by the Contractor and/or its consultants or subcontractors, in connection with the performance of this Agreement shall be the sole and absolute property of the County and constitute "work made for hire" as that phrase is used in federal and/or state intellectual property laws and Contractor and/or its agents shall have no ownership or use rights in the work.

22. Recovery of Payments to Contractor. The right of the Contractor to retain monies paid to it is contingent upon satisfactory performance of this Agreement, including the satisfactory completion of the project described in the Scope of Work (Attachment A). In the event that the Contractor fails, for any reason, to perform obligations required of it by this Agreement, the Contractor may, at the County Project Manager's sole discretion, be required to repay to the County all monies disbursed to the Contractor for those parts of the project that are rendered worthless in the opinion of the County Project Manager by such failure to perform.

Interest shall accrue at the rate of 12 percent (12%) per annum from the time the County Project Manager demands repayment of funds.

23. Project Approval. The extent and character of all work and services to be performed under this Agreement by the Contractor shall be subject to the review and approval of the County Project Manager. For purposes of this Agreement, the County Project Manager is:

Name: Kevin LoPiccolo

Title: Interim Director

Address: 111 E 3rd Street Port Angeles, WA 98362

Telephone: 360-417-2523

E-mail: klopiccolo@co.clallam.wa.us

Fax: 360-452-9605

In the event there is a dispute with regard to the extent and character of the work to be done, the determination of the County Project Manager as to the extent and character of the work to be done shall govern subject to the Contractor's right to appeal that decision as provided herein.

24. Non-Discrimination. The Contractor shall not discriminate against any person on the basis of race, creed, political ideology, color, national origin, sex, marital status, sexual orientation, age, or the presence of any sensory, mental or physical handicap.

25. Subcontractors. In the event that the Contractor employs the use of any subcontractors, the contract between the Contractor and the subcontractor shall provide that the subcontractor is bound by the terms of this Agreement between the County and the Contractor. The Contractor shall insure that in all subcontracts entered into, Clallam County is named as an express third-party beneficiary of such contracts with full rights as such.

26. No Third Party Beneficiaries. This agreement is intended for the benefit of only the County and Contractor. This agreement does not confer any benefits, rights, or privileges upon any third party.

27. Standard of Care. The Contractor shall perform its duties hereunder in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession as the Contractor currently practicing under similar circumstances. The Contractor shall, without additional compensation, correct those services not meeting such a standard.

28. Time is of the Essence. Time is of the essence in the performance of this contract unless a more specific time period is set forth in either the Special Terms and Conditions or Scope of Work.

29. Notice. Except as set forth elsewhere in the Agreement, for all purposes under this Agreement, except service of process, any notices shall be given by the Contractor to the County Project Manager. Notice to the Contractor for all purposes under this Agreement shall be given to the person executing the Agreement on behalf of the Contractor at the address identified on the signature page.

30. Severability. If any term or condition of this contract or the application thereof to any person(s) or circumstances is held invalid, such invalidity shall not affect other terms, conditions, or applications which can be given effect without the invalid term, condition or application. To this end, the terms and conditions of this contract are declared severable.

31. Precedence. In the event of inconsistency in this Agreement, unless otherwise provided herein, the inconsistency shall be resolved by giving precedence in the following order:

    (a) Applicable federal, state, and local statutes, ordinances, and regulations;

    (b) Scope of Work (Attachment A) and Compensation (Attachment B);

    (c) Special Terms and Conditions (Attachment D); and

    (d) General Conditions (Attachment C).

32. Waiver. Waiver of any breach or condition of this contract shall not be deemed a waiver of any prior or subsequent breach. No term or condition of this contract shall be held to be waived, modified, or deleted except by an instrument, in writing, signed by the parties hereto.

33. Attorney Fees. In the event that litigation must be brought to enforce the terms of this agreement, the prevailing party shall be entitled to be paid reasonable attorney fees.

34. Construction. This agreement has been mutually reviewed and negotiated by the parties and should be given a fair and reasonable interpretation and should not be construed less favorably against either party.

35. Survival. Without being exclusive, Paragraphs 4, 7, 13-19, 21-22 and 31-35 of these General Conditions shall survive any termination, expiration, or determination of invalidity of this Agreement in whole or in part. Any other Paragraphs of this Agreement which, by their sense and context, are intended to survive shall also survive.

36. Entire Agreement. This written contract represents the entire Agreement between the parties and supersedes any prior statements, discussions or understandings between the parties except as provided herein.

SPECIAL TERMS AND CONDITIONS

☒ 1. Reporting. The Contractor shall submit written progress reports to the County Project Manager as set forth below:

☒ With each request for payment.

☐ Monthly.

☐ Quarterly.

☐ Semi-annually.

☐ Annually.

☐ Project completion.

☐ Other (specify):

Progress reports shall include, at a minimum, the following: Number of individuals served including services received at the Social Distancing Center.

Reports shall include any problems, delays or adverse conditions which will materially affect the Contractor's ability to meet project objectives or time schedules together with a statement of action taken or proposed to resolve the situation. Reports shall also include recommendations for changes to the Scope of Work, if any. Payments may be withheld if reports are not submitted.

☒ 2. Insurance. The Contractor shall maintain in full force and effect during the term of this Agreement, and until final acceptance of the work, public liability and property damage insurance with companies or through sources approved by the state insurance commissioner pursuant to RCW Title 48, as now or hereafter amended. The County, its appointed and elected officials, agents and employees, shall be specifically named as additional insureds in a policy with the same company which insures the Contractor or by endorsement to an existing policy or with a separate carrier approved pursuant to RCW Title 48, as now or hereafter amended, and the following coverages shall be provided:

☒ COMMERCIAL GENERAL LIABILITY:		
Bodily injury, including death	$1,000,000	per occurrence
	$2,000,000	aggregate
Property damage	$1,000,000	per occurrence
	$2,000,000	aggregate
☒ ERRORS AND OMISSIONS or PROFESSIONAL LIABILITY with an Extended Reporting Period Endorsement (two year tail)	$2,000,000	per occurrence
☒ WORKERS COMPENSATION:	Statutory amount	

☐ AUTOMOBILE: coverage on owned, non-owned, rented and hired vehicles

Bodily injury, liability, including death	$	per occurrence
	$	aggregate
Property damage liability	$	per occurrence
	$	aggregate

☐ BUSINESS AUTOMOBILE LIABILITY: $ per occurrence

If the Errors and Omissions or Professional Liability insurance obtained is an occurrence policy as opposed to a claims-made policy, the Extended Reporting Period Endorsement is not required.

Any such policy of insurance the Contractor is required to obtain and maintain pursuant to this Agreement shall be primary over any third party liability coverage provided to Clallam County by and through its membership in the Washington Counties Risk Pool or WCRP. The third party liability coverage provided by the WCRP to Clallam County shall be non-contributory with respect to any policy of insurance the Contractor is required to obtain and maintain pursuant to this Agreement. The County shall have no obligation to report occurrences unless a claim or lawsuit is filed with it and the County has no obligation to pay any insurance premiums.

Evidence of primary insurance coverage shall be submitted to the County Project Manager within 20 days of the execution of the Agreement. The Agreement shall be void ab initio if the proof of coverage is not timely supplied.

If the proof of insurance or certificate of coverage indicating the County is an "additional insured" to a policy obtained by the Consultant in order to comply with this agreement refers to an endorsement (by number, abbreviation or name) but does not provide the full text of that endorsement, then it shall be the obligation of the Consultant to obtain the full text of that endorsement and forward that full text to the County within 30 days of the execution of this Agreement.

The coverage limits identified herein shall not limit the potential liability of the Contractor and the Contractor's duty to defend, indemnify, and hold harmless shall apply to any liability beyond the scope of insurance coverage.

☐ 3. Liquidated Damages. For delays in timely completion of the work to be done or missed milestones of the work in progress, the Contractor shall be assessed Dollars ($) per day as liquidated damages and not as a penalty because the County finds it impractical to calculate the actual cost of delays. Liquidated damages will not be assessed for any days for which an extension of time has been granted. No deduction or payment of liquidated damages will, in any degree, release the Contractor from further obligations and liabilities to complete the entire project.

☐ 4. Other (specify):.

334.20.0009

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1/25/21

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: Community Development

WORK SESSION ☒ **Meeting Date: January 25, 2021**

REGULAR AGENDA ☒ **Meeting Date: February 2, 2021**

Required originals approved and attached? ☒
Will be provided on:

Item summary:

☐ Call for Hearing
☒ Contract/Agreement/MOU - Contract # 334.20.009
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☐ Other

Documents exempt from public disclosure attached: ☐

Executive summary:
Amendment No. 1 to Consulting Agreement between ESA and Clallam County regarding SMP Periodic Review and SMP Amendment. Extends contract until May 12, 2021.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☒ **NONE**

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?) Request that Board approve the ESA Consulting Agreement.

County Official signature & print name: DCD Director Mary Ellen Winborn

Name of Employee/Stakeholder attending meeting: Diane Harvey

Relevant Departments: DCD

Date submitted: 1/21/21

* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Questions? Call Loni Gores, Clerk of the Board, ext 2256

PERSONAL SERVICES AGREEMENT
AMENDMENT 1

THIS AMENDMENT is entered into between CLALLAM COUNTY, a political subdivision of the State of Washington, (hereinafter called "County" or "Clallam County") and

Name: Environmental Science Associates (ESA)

Address: 5309 Shilshole Avenue NW, Suite 200

Seattle WA 98107

Phone Nº: 206-789-9658

(hereinafter called "Contractor") and changes the following terms of the agreement entered into on September 15, 2020 (the Agreement):

1. The end date of this Agreement shall be extended from the original end date of February 12, 2021 to May 12, 2021.

All other terms and conditions of the Agreement remain in full force and effect.

The terms of this Amendment 1 shall commence on the day of February 2021 and shall, unless terminated as provided elsewhere in the Agreement, end on the 12th day of May 2021.

IN WITNESS WHEREOF, the parties have executed this Agreement on this day of February 2021.

CONTRACTOR:

Margaret Clancy Vice President ESA

Date: January 15, 2021

CLALLAM COUNTY BOARD OF COMMISSIONERS

Mark Ozias, Chair

THIS CONTRACT AMENDMENT 1 HAS BEEN APPROVED AS TO FORM BY THE CLALLAM COUNTY PROSECUTING ATTORNEY ON JANUARY 14, 2021 David Alvarez

ATTEST:

Loni Gores, Clerk of the Board

Originals: DCD, Vendor, Initiating Department

Copies: 5

7
1/25/21
10 am

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: BOCC

WORK SESSION ☒ **Meeting Date: 1-25-21**

REGULAR AGENDA ☐ **Meeting Date:**

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☒ Other – Discussion and next steps

Executive summary:

Lake Sutherland - Wake Boat Conversation Next Steps:
In 2020 the Commissioners began receiving communication from a wide variety of residents and users of Lake Sutherland on the issue of wake boats. Many wrote or spoke in favor of wake boats on the lake, and many others expressed safety, property and environmental concerns related to these specialized boats. The Commissioners heard a resounding desire from all parties to work together to craft a solution and have considered a variety of alternatives in support of this goal.

The Peninsula Dispute Resolution Center (PDRC) is a recognized center of expertise on the Peninsula for collaborative peaceful agreements and today we welcome a representative from that organization to learn more about the PDRC and their services and to see if they might be a good fit for facilitating a conversation between interested parties in pursuit of achieving a solution where the concerns and interests of all are respected.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐
None.

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Discussion and next steps.

County Official signature & print name: Loni Gores Loni Gores, Clerk

Name of Employee/Stakeholder attending meeting: Board of Commissioners and Renee Riopelle – Peninsula Dispute Resolution Center, Department of Community Development and Sheriff's Office

Relevant Departments: Board of Commissioners, Sheriff's Office, Department of Community Development, Prosecuting Attorney's Office,

Date submitted: December 11, 2020

* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Questions? Call Loni Gores, Clerk of the Board, ext 2256

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1/25/21
1030 am

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: BOCC

WORK SESSION ☒ **Meeting Date: 1-25-2021**

REGULAR AGENDA ☐ **Meeting Date:**

Required originals approved and attached? ☐
Will be provided on:

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☒ Other - update

Documents exempt from public disclosure attached: ☐

Executive summary:
NODC Update:
The North Olympic Development Council (NODC) has experienced a significant amount of growth in the past year due both to the successful application for a variety of federal grants and in response to the COVID-19 pandemic. This growth includes several new staff members who will be working with businesses and others in our community to support resilience and community economic recovery. Today's presentation will recap the NODC's successes in 2020, highlight priority programs for 2021 and allow for the new members of NODC staff to be introduced.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐
None

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Update.

County Official signature & print name: Loni Gores Loni Gores, Clerk

Name of Employee/Stakeholder attending meeting: Board of Commissioners, North Olympic Development Council – Karen Affeld

Relevant Departments: Board of Commissioners

Date submitted: January 4, 2021

2020 Year in Review
Looking Ahead to 2021

Presentation to Clallam County BOCC
January 25, 2021

NODC Mission:

Empower the North Olympic Peninsula to pursue and invest in its own economic and environmental destiny.

NODC Role in the Region

- **Regional Economic Development Planning** – produce Comprehensive Economic Development Strategy (CEDS) every 5 years with annual updates in between

- **Support economic development in key sectors** identified in the CEDS – farm & food, forestry, marine trades, etc.

- **Support development of economic infrastructure** in the region such as broadband expansion.

- **Act as a convener and implement projects** that fill gaps.

2020 Accomplishments: Covid-19 Response

- **Assist farms and other businesses** with EIDL/PPP process, general advising and listening
- **EDA CARES Act Funding: Secured $400,000** to assist in economic recovery through collaborations in key sectors, infrastructure development, and e-commerce and online marketing assistance to businesses.
- Raised and distributed more than $130,000 to assist local farms and food pantries through the **Olympic Peninsula Farmers Fund**

Secured EDA CARES Act Funding

- **Economic Recovery Coordinator** to work with local governments and partners on economic recovery projects in key sectors, develop collaborations and economic infrastructure such as broadband – started work January 5, 2021.
- **Business Assistance Specialist** and consultants to assist businesses (and groups of businesses) in expanding the use of **e-commerce and online marketing** – started work November 11, 2020.
- Consultants to assist in developing and writing a **regional recovery and resilience plan** and the 2021-2025 Comprehensive Economic Development Strategy (CEDS).

Olympic Peninsula Farmers Fund

- With partners North Olympic Land Trust, Jefferson Land Trust and WSU Extension, **raised over $130,000** to establish the fund.

- **Provided pre-paid, long-term contracts to 16 farmers, ranchers and fishers impacted by Covid-19 sales losses** to supply food to food banks, schools and meal programs.

- Food has gone to OlyCap, Tri-Area Food Bank, Sequim Food Bank, Port Angeles Food Bank, Serenity House, Boys and Girls Clubs, Forks Food Bank, Chimacum School District, and Jamestown S'Klallam, Lower Elwha Klallam and Makah food pantries. Food deliveries will continue through 2021.

2020 Accomplishments: Broadband Planning

- With funding from Port of Port Angeles, coordinated **broadband planning and feasibility project in Clallam County** to be completed in Spring 2021.
- CBG Communications hired as the consultants on the project.
- **Clallam Broadband Committee** includes local governments, Clallam PUD, Port Angeles School District, Peninsula College, North Olympic Library Services and others.
- Launched **project web site** that includes link to a survey that has been filled out by more than 300 residents and businesses.
- Assisted in planning and implementation of **virtual public input "events"** in Forks, Port Angeles and Sequim.
- **Mapping** of existing infrastructure, internet providers and speed test data nearly complete.

2020 Accomplishments: Agriculture & Food Systems

- USDA-funded project **"Developing Wholesale Markets for Farmers on the Olympic Peninsula"** to identify barriers to local wholesale markets will be completed by May 31, 2021.
- Worked with partners to create and implement **Olympic Peninsula Farmers Fund** in response to Covid-19 crisis.
- Secured new $85,000 USDA Rural Business Development Grant to provide **intensive, one-on-one technical assistance** to agricultural entrepreneurs and support specialized business workshops.
- Fiscal and administrative sponsor for **Eat Local First Olympic Peninsula** which held **Eat Local Month** in September.

2020 Accomplishments: Forest Products Sector

- With consultants from Rural Development Initiatives (RDI) through a USDA REDI technical assistance grant, held meetings and conducted interviews to **assess potential wood products industry strategies**, including work with small forest land owners, community forests, value-adding and branding.
- Convened a meeting on **community forests** in February and participated on the Chimacum Ridge Community Forest stakeholder advisory committee. Interviewed numerous industry stakeholders across the value-chain to assess needs.
- Participated in a group convened by the Nature Conservancy Innovation Network that is working on **increasing supply of alder/maple** from small forest land owners and developing new **value-adding and markets**.

2020 Accomplishments: Climate Change Planning

- Secured a **$170,000 grant from the National Estuary Program** to support Regional Climate Change Planning work, including consulting services to assist local governments in implementing climate change adaptation strategies.
- Project goals:
  - Planning process with local governments and stakeholders to agree on regional goals for adaptation and/or mitigation.
  - Create "toolbox" for local governments with sample language, code, permitting processes, etc.
  - Consultant to work with local governments on their own plans.
- Project work will begin in January 2021 and extend through 2022.

Looking Toward 2021: Program

- New **Five-Year Comprehensive Economic Development Strategy (CEDS).**
- Work with local governments and partners to develop **regional economic recovery and resiliency strategy.**
- Complete **"Developing Wholesale Markets for Farmers on the Olympic Peninsula"** and issue report and recommendations.
- Provide **E-Commerce advising** to local businesses.
- Provide **advising and workshops to agricultural enterprises.**
- **Evaluate Olympic Peninsula Farmers Fund** and decide whether to continue program.
- Seek **additional funding** for agriculture and food systems work.
- Complete assessment of **forest products strategy** and seek project funding if warranted.
- Regional **Climate Change Planning**.

NODC Members

Center for Inclusive Entrepreneurship
City of Forks
City of Port Angeles
City of Port Townsend
City of Sequim
Clallam County
Clallam County EDC
Clallam County PUD
Craft3
Dungeness Valley Creamery
EDC Team Jefferson
Jamestown S'Klallam Tribe
Jefferson County
Jefferson County PUD
Jefferson Land Trust
North Olympic Land Trust
Northwest School of Wooden Boatbuilding
Port of Port Angeles
Port of Port Townsend
Port Townsend Food Co-op
Port Townsend Foundry
Sequim Dungeness Valley Chamber of Commerce
WSU Clallam County Extension
WSU Jefferson County Extension

a
1/25/21

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: Roads

WORK SESSION ☒ **Meeting Date: 1-25-21**

REGULAR AGENDA ☐ **Meeting Date:**

Required originals approved and attached? ☒
Will be provided on:

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☒ Other

Documents exempt from public disclosure attached: ☐

Executive summary:
The goal of this meeting is to inform the BOCC of the assessment reports conducted for the Dungeness Off-channel Reservoir project in order for the BOCC to determine whether it wants to acquire the Dept. of Natural Resources (DNR) property at River Road by moving forward with the appraisal. The assessments conducted are seismic/goehazard study, Phase I Environmental Site Assessment (ESA), and cultural resources study. The seismic/geohazard report and Phase I ESA are attached. The cultural resources report is under review but the Management Summary and Conclusions and Recommendations section of the Dudek report are also attached.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐

There is no budgetary impact at this time.

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)

After reviewing the reports, the BOCC should decide whether to move forward with the appraisal of the DNR property.

County Official signature & print name: Carol L. Creasey Carol L. Creasey

Name of Employee/Stakeholder attending meeting: Carol L. Creasey

Relevant Departments: Public Works, DCD, and Parks & Facilities

Date submitted: 1-20-21

PanGEO
INCORPORATED
Geotechnical & Earthquake Engineering Consultants

December 9, 2020
File No. 20-122

Ms. Carol L. Creasey, County Hydrogeologist
Reservoir Project Manager, Clallam County
Department of Public Works
223 East 4th Street, Suite 6
Port Angeles, Washington 98362-3000

Re: **Geotechnical Engineering Feasibility Report Review**
Dungeness Off-Line Storage Facility
River Road, Clallam County, Washington

Dear Carol,

As requested, PanGEO, Inc. (PanGEO) prepared this revised report for your use, regarding our review of the siting report by Anchor QEA for the proposed Dungeness Off-Stream Reservoir for potential geologic hazards related to earthquake faulting.

The proposed reservoir will be constructed near Sequim, Washington, west of the intersection of River Road with Happy Valley Road. Recent studies by the United States Geological Survey (USGS) have used Lidar images to infer the potential presence of earthquake faults just east of and possibly into the proposed reservoir. This revision of the report includes an on-site review of field conditions by Mr. Brian Sherrod and Mr. Steve Angster of the USGS for potential evidence of faulting in the vicinity of the reservoir site. This review was conducted on October 15, 2020.

SCOPE AND AUTHORIZATION

The project was authorized in a Personnel Services contract dated April 5, 2020, where our scope of work included reviewing the Executive Summary and Project Proposal from Anchor QEA, dated January 2016, to identify potential hazards mainly related to the seismic stability of the site and the risk of failure from earthquake faulting. We were also tasked with reviewing available geological and geotechnical material as related to potential landslide hazards that may affect the site. We also conducted a site reconnaissance on May 13, 2020, to confirm existing conditions and the potential presence of features that might

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Seattle, WA 98102-7127
T (206) 262-0370
F (206) 262-0374

suggest ground instability or past movement from faulting. The scope also includes on-going consultation as needed, and the preparation of this technical report detailing our observations and outlining additional studies that may be needed during the design phase of the project.

PROJECT DESCRIPTION

The project site is located along the Dungeness River, southwest of Sequim, Washington. The Dungeness River is a major water source for agriculture irrigation in Clallam County, and is also a major fish bearing stream.

The County has identified water storage as a critical issue for the Dungeness River, and we understand that this concept has been under consideration for as much as 30 years. The current project was conceived in 2014 as a 1,500 acre-foot water storage facility that could be filled during winter and released in the summer to maintain river flows for fish habitat and crop irrigation. Other potential benefits include flood control, groundwater recharge, and potential recreational use.

The planned project includes the development of a 319-acre proposed reservoir site and a second 77-acre parcel locate east of River Road (see Figure 1). Both parcels are currently owned by the Washington State Department of Natural Resources. The main parcel is currently called the Dungeness Trails, and is used for trail walking and mountain biking. The project includes the excavation of upslope material for subsequent use in the downslope dikes of the reservoir.

DOCUMENTS REVIEWED

The following documents were reviewed as the basis of our evaluation:

The Dungeness Off-Stream Reservoir Project – Executive Summary and Project Proposal, by Anchor QEA, January 2016.

Dungeness River Flow Enhancement Project, Designs and Supporting Analyses, Technical Memorandum Attachment D-2, River Road Storage Project, Preliminary Geotechnical Memorandum, by Anchor QEA, May 23, 2014.

Dungeness River Flow Enhancement Project, Designs and Supporting Analyses, Technical Memorandum Attachment D-3, River Road Storage Project, Preliminary Drawings, by Anchor QEA, May 22, 2013.

Proposed "River Road Transfer" property transaction – geologic review summary, DNR Olympic Region, Clallam County, Washington, by Ana Shafer, Geologist, Washington State Department of Natural Resources Forest Resources and Product Sales & Leasing Divisions, June 29, 2019.

In addition to the materials provided by Clallum County, we also reviewed the following publications:

Nelson, A.R.; Personius, S.F.; Buck, J.; Bradley, L.; Wells, R.E.; and Schermer, E.R., 2007, Field and Laboratory Data from an Earthquake History Study of Scarps of the Lake Creek–Boundary Creek Fault between the Elwha River and Siebert Creek, Clallam County, Washington, U.S.G.S. Scientific Investigations Map 2961.

Schasse, Henry W.; Logan, Robert L., 1998, Geologic map of the Sequim 7.5-minute quadrangle, Clallam County, Washington: Washington Division of Geology and Earth Resources Open File Report 98-7, scale 1:24,000.

Schasse, H.W.; Wegmann, K.W., 2000, Geologic map of the Carlsborg 7.5-minute quadrangle, Clallam County, Washington: Washington Division of Geology and Earth Resources Open File Report 2000-7, scale 1:24,000.

Other materials were also used in this review.

SITE RECONNAISSANCE

On May 13, 2020, we conducted a site reconnaissance visit to the property to observe current site conditions. Observations from our reconnaissance are discussed below.

SITE LOCATION AND DESCRIPTION

The site is located west of the intersection of River Road and Happy Valley Road (see Figure 1). The site slopes generally to the north at roughly a 2 percent grade. The site is currently vegetated with young trees and other brushy growth. As shown by the topographic map, the site is constrained on the west by a 25 to 30-foot, 40 percent bluff

that descends to the present flood plain of the Dungeness River. Our site reconnaissance shows that many areas of the top of the bluff are near vertical. East of River Road and south of Happy Valley Road another bluff rises roughly 50 feet at a maximum gradient of about 45 percent, then continues to rise at a lesser slope into the ridges of the Olympic Mountains.

Anchor's preliminary geotechnical memorandum (Anchor, 2014) describes the main



Plate 1. View of the main property, 2015



Plate 2. View of the main property, 2019.

property as vegetated with grasses, shrubs and evergreen trees ranging from saplings to mature trees, which is consistent with the aerial image in Plate 1. Since then, the previously unlogged portion of the site, mainly in the north, northern portion of the site was logged (see Plate 2) and saplings have grown to heights of 10 to 20 feet in the southern portion of the site.

The 77-acre parcel is heavily timbered and consists of moderately rising ground.

SUBSURFACE CONDITIONS

REGIONAL GEOLOGY

The site is located within the Carlsborg Quadrangle which was mapped by Schasse and Wegmann in 2000. According to the mapping, the site is located on an older floodplain

terrace of the Dungeness River. They describe the deposits underlying the older terrace as consisting of "crudely stratified, cobbly, pebbly and bouldery gravel in a matrix of sand, silt and clay". The bluff to the east of River Road and south of Happy Valley Road, the location of the 77-acre parcel, is mapped as bedrock with a mantle of glacial till.

Water well logs in the area describe soils consisting of gravel and boulders, which is consistent with course grained alluvium.

SITE SUBSURFACE CONDITIONS

Anchor QEA, performed a preliminary site geotechnical investigation consisting of seven test pits, mainly in the southern portion of the site that was then open (see Technical Memorandum Attachment D-2, referenced above, for pit locations). The preliminary investigation outlined four soil units; a topsoil unit from 0.5 to 1.0 feet, a silty sand unit ranging from 1.0 to 2.0 feet thick, and dense coarse alluvium at depth, except in TP-7, which encountered a silty sand bed below the coarse alluvium. The alluvium is described as consisting mainly of cobbles and boulders, with a matrix consisting of silt, sand and gravel. Finer grained sand and gravel "pockets" or lenses were described in four of the test pits. This is consistent with a bedded alluvial deposit, which can be expected to demonstrate variable gradations across the site (see Plate 3).

No groundwater was encountered in the test pits and is not anticipated for this site. No seeps were observed along the bluff above the current floodplain of the Dungeness River during our site reconnaissance. However, a small borrow pit along the powerline road in the south portion of the property did have a small pool of standing water. This is most likely due to silting in of the pool bottom over time.

Outcrop or excavations were lacking on the 77-area parcel. We anticipate that most of the parcel will be underlain by till, as mapped.



Plate 3. Outcrop of older alluvium, on the bluff above the present river level, May 13, 2020.

LANDSLIDE HAZARD ASSESSMENT

Schasse and Wegmann (2000) mapped one small landslide in the area of the proposed project. This landslide was located above Happy Valley Road as it ascended the bluff to the east of the River Road (see Figure 2). To assess the potential for landslide hazard on this site, we reviewed the Lidar imagery for the area (see Figure 3). The area was most recently flown in 2019 (Olympics South Opsw). In the DNR geological review (Shafer. 2019), the Lidar data from 2002, 2008 and 2016 was also reviewed.

Shafer (2019) concluded that there was no evidence for the landslide as mapped by Schasse and Wegmann (2000) and shown on Figures 2 and 3. However, she suggests a deep-seated landslide in the south portion of the property and postulated that the slide was in the area of the fault mapped by Schasse and Wegmann (2000). The feature we believe she identified is marked on Figure 3.

Our site reconnaissance observed one area of sliding, opposite the entry to the main entry to the parking area for the Dungeness Trails, as marked by a warning road sign on River Road. The site has recently experienced a shallow slide (see Plate 4). This small slide consisted of the slumping of surficial colluvium. A smaller slide, that did not extend to the road level, is present off the frame to the left. The entire active zone is roughly 300 feet



Plate 4. Shallow landslide above River Road, opposite the parking area for the Dungeness Trails park.

wide, prompting the irrigation district's use of approximately 300 feet of corrugated plastic pipe to cross areas of prior ground movement.

While we observed this small, shallow slide south of the proposed reservoir, we believe that the slide zone will not pose a hazard to the facility. Essentially, active slides in the area are shallow and we did not observe any clear evidence of deep-seated slides. Furthermore, there are no features visible on the Lidar DEM suggestive of any significant instability in the reservoir area.

SEISMIC CONSIDERATIONS – OVERVIEW

GPS monitoring has established that western Washington, including the Olympic Peninsula, is rotating north, colliding with British Columbia, creating a generally compressional tectonic regime. This has resulted in the prominent east-west strike and northward dip of the bedrock strata along the northern Olympic Peninsula, and several mapped thrust faults (Washington State Geologic Portal).

In 2007, Nelson, et al, conducted a trench investigation of the Lake Creek – Boundary Creek Fault system in the valleys of Little River and Indian Creek, starting roughly 7.5 miles west of the current project site and extending past the Elwha River to Lake Crescent.

The report of the conclusions was presented in an article publish in the Bulletin of the Seismological Society of America (2017) where they conclude that the fault has been active in the Holocene, with several ruptures post 13,000 year BCE, and mainly right lateral strike-slip motion with a vertical component. They postulate a return interval of about 3,500 years, and a maximum potential magnitude of M 7.1 to 7.5. Figure 2 of the 2007 study shows an eastward projection of the fault trend into the Sequim area, that they label as the Sequim Fault (see Plate 5, and Figures 2 and 3). However, they make no explanation of the basis of this projection, nor is the Sequim Fault described elsewhere in the 2007 or the 2017 papers. To the best of our knowledge, this is the only source for the existence of the Sequim Fault. From discussions with Brian Sherrod of the U.S.G.S., we understand that if evidence was strong for this lineament, the Nelson team would likely have conducted a trench investigation of it.

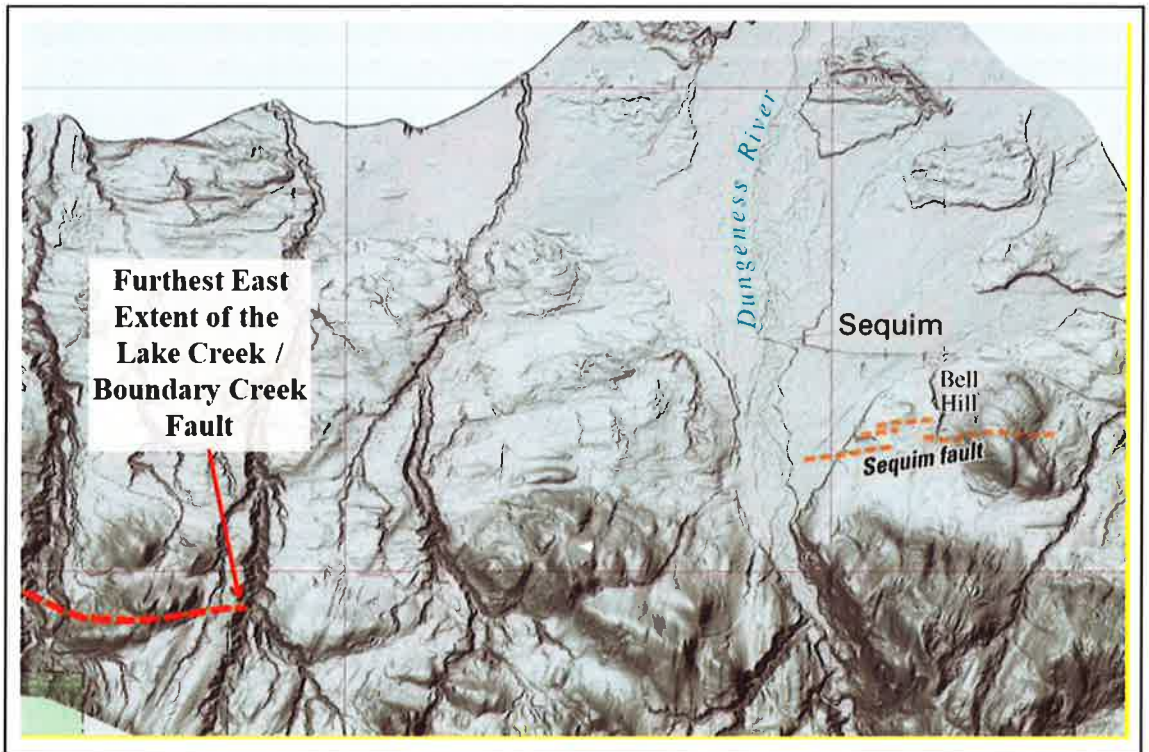


Plate 5. Section of Figure 2, Nelson, et al, 2007, showing the postulated Sequim Fault in the east. The easternmost extension of the known Lake Creek – Boundary Creek Fault is shown as the dashed red line on the left. The inference is that, if extant, the Sequim Fault would be an extension of the other fault.

Schasse and Wegmann (2000) mapped a fault running south of the project area, which they infer as a high angle normal fault, dipping and down to the north. This fault motion would

be unusual under the general compressional tectonic regime, and we question the existence of such a fault.

SEISMIC CONSIDERATIONS – USGS REVIEW

We asked Brian Sherrod to review the Lidar data for the area. In his review, he identified possible, subtle lineaments, but nothing striking. He also commented that the potential lineament was only visible in the older exposed surfaces, and that he could not trace it across younger, post glacial surfaces such as the project site. To determine if there was any evidence of the presence of faulting in the project area, we visited the site again on October 15, 2020, with Brian Sherrod and Steve Angster, also of the U.S.G.S., who are both experienced in identifying seismic features in the field. Joe Donisi of the County also attended. We traversed surface trails and a trail that runs just beneath the rim of the bluff in the west side of the project area. This enabled us to look for surface expressions and visible evidence in profile. None was observed in the project area.

Following the traverse of the project area, Brian, Steve and Joe walked the alignment of the irrigation ditch above the project area. Brian and Steve then scouted the Bell Hill area where Nelson et al. (2017), had identified possible traces of the Sequim Fault. They found no certain evidence of past faulting, and no suggestion of Holocene movements.

CONCLUSIONS AND RECOMMENDATIONS

Generally, we find no fatal flaws in the proposed location of the facility. We concur that, with the apparent permeability of the alluvial soils, the reservoir will need to be fully lined to control water loss. The recommended slope angles for the berm are reasonable, as are the other design recommendations.

Also, from our office and field reviews, there is no identifiable evidence of faulting in the project area. Nonetheless, as the project excavation proceeds, attention should be paid to any soil anomalies that might have origins in a seismic feature. We recommend that PanGEO and/or the U.S.G.S. review the excavation periodically as excavation progresses to look for any such indications.

As we have described, there is a landslide at the southeastern corner of the planned reservoir area. The current activity consists of a shallow colluvial slide and is not a hazard to the project. However, a slide that closed River Road could pose an inconvenience to the

operation of the facility. In our opinion only an Oso-like, long runout landslide would pose a significant risk to the facility, and such a slide is very unlikely in till soils with shallow bedrock. Even a deep-seated, rotational landslide would not greatly affect the site. If this remains a concern, a slope inclinometer could be installed to confirm the stability of the slope.

Based on our review of site conditions, we believe that there may be an excess of cobbles and boulders at the site that may not be suitable for use in the embankment fill. Specifically, Attachment D – 2, Preliminary Geotechnical (Anchor, 2014) report indicated that the cobble and boulder content of the alluvium ranged from 40 to 80 percent. The Attachment D – 3, Preliminary Drawings (Anchor, 2013) indicate that on the order of 711,000 cu yards of material will be excavated from the reservoir site. However, the drawing also suggests that nearly 770,000 cu yards will be needed for the berms, suggesting that there may be insufficient material on site for the berms.

The geotechnical report recommends the removal of all material over 4 inches in diameter, to protect the lining. It is unclear if the drawings calculations took this into account in making their volume estimates of available material that could be suitably placed and compacted in the embankment. If they didn't, then there may be a significant deficiency of material for the berms. Removal and disposal of the over-size material, if done, may be an added expense that may also not have been considered in the Anchor QEA proposal. We recommend that further studies be undertaken to verify the availability of material to construct the proposed berms, and to identify remedial actions as necessary. Such remedial measures that may be available to mitigate the issue may include, 1) deepening the excavation and lowering the berms, 2) using all available material and covering the over-size material with a layer of 4-inch minus soil as a filter, and 3) borrowing additional material from outside the reservoir footprint, such as from the secondary parcel or the area of the main parcel south of River Road.

While in our opinion the potential hazard of landslides from above is negligible, we recommend further review of the stability of slope below and to the west of the proposed reservoir. The conceptual design calls for a setback of roughly 200 feet from the top of the slope down to the current floodplain on the Dungeness River. In our opinion, this set back is adequate to provide protection for the facility. Nonetheless, we recommend further review of the dynamics of the river to verify that the potential for undercutting the bank on the west is low.

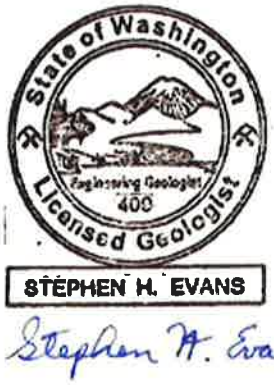
LIMITATIONS AND UNIFORMITY OF CONDITIONS

This report was prepared for the use of Clallam County. Recommendations contained in this report are based on a review of the preliminary design documents provided, a review of other pertinent geological and geotechnical information, and our understanding of the proposed project. The study was performed using a mutually agreed-upon scope of work in accordance with the generally accepted standards of local practice at the time this report was written. No warranty, express or implied, is made.

CLOSURE

We appreciate this opportunity to be of service. Contact us if you have any questions.

Regards,





Stephen H. Evans, L.E.
Senior Engineering Geologist

W. Paul Grant, P.E.
Principal Geotechnical Engineer

Encl.

Fig. 1 – Vicinity Map
Fig. 2 – Mapped and Inferred Faults
Fig. 3 – Lidar Map

References:

Anchor QEA, May 22, 2013, Dungeness River Flow Enhancement Project, Designs and Supporting Analyses, Technical Memorandum Attachment D-3, River Road Storage Project, Preliminary Drawings.

Anchor QEA, May 23, 2014, Dungeness River Flow Enhancement Project, Designs and Supporting Analyses, Technical Memorandum Attachment D-2, River Road Storage Project, Preliminary Geotechnical Memorandum.

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Compiler, 2017, Fault number 549, Sequim fault, in Quaternary fault and fold database of the United States: U.S.Geological Survey website, https://earthquakes.usgs.gov/hazards/qfaults, accessed 05/07/2020 04:25 pm.

Shafer, Ana, Geologist, Forest Resources and Product Sales & Leasing Division, June 29, 2019, Proposed "River Road Transfer" Property Transaction – Geologic Review Summary, DNR Olympic Region, Clallam County, Washington.

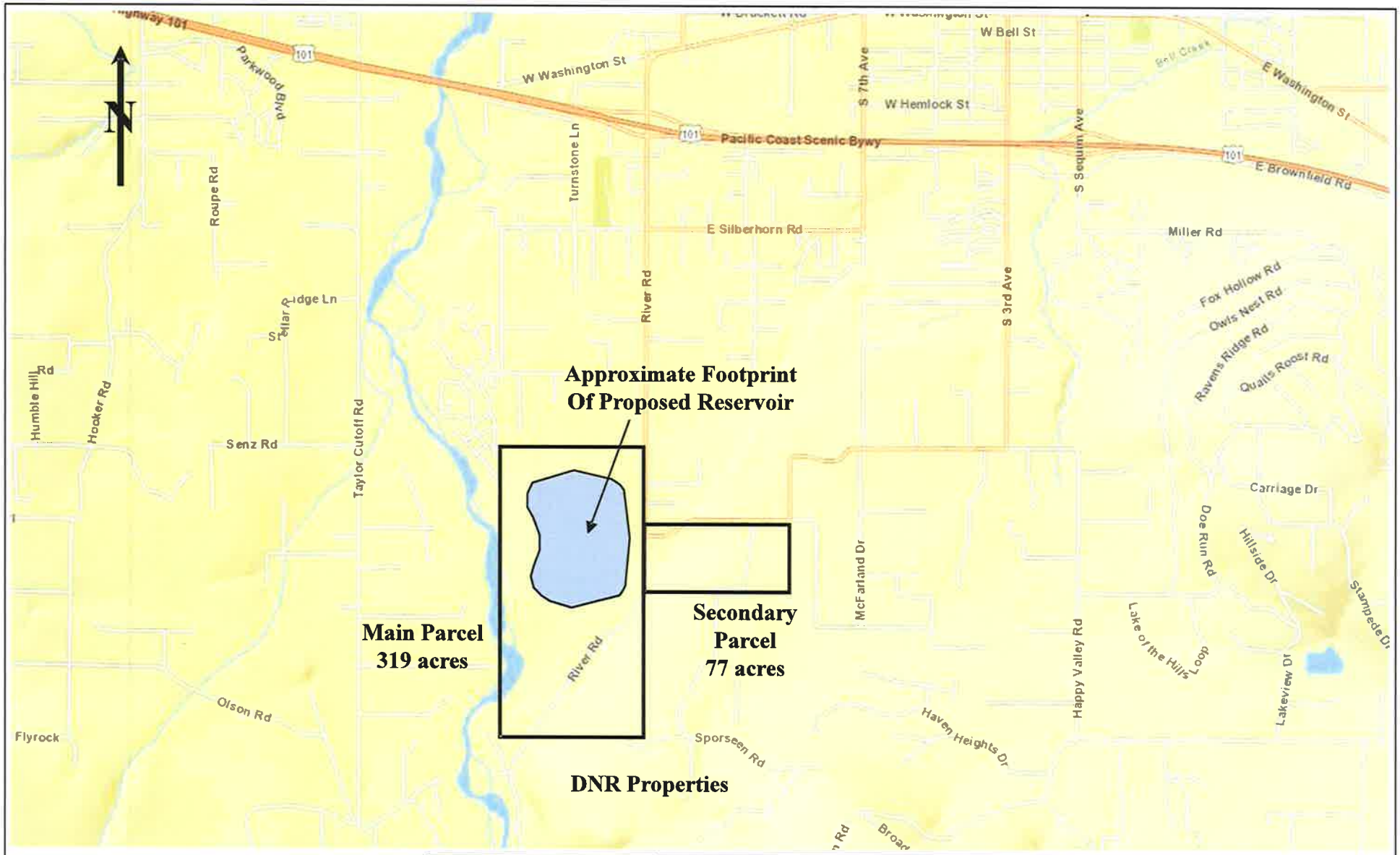
Nelson, A.R., Personius, S.F., Buck, J, Bradley, L., Wells, R.E., Schermer, E.R., 2007, Field and Laboratory Data from an Earthquake History Study of Scarps of the Lake Creek – Boundary Creek Fault between the Elwha River and Siebert Creek, Clallam County, Washington, U.S.G.S. Scientific Investigations Map 2961.

Nelson, A.R., Personius, S.F., Wells, R.E., Schermer, E.R., Bradley, L., Buck, J, Reitman, N.; 2017, Holocene Earthquakes of Magnitude 7 during Westward Escape of the Olympic Mountains, Washington, Bulletin of the Seismological Society of America, Vol. 107, No. 5, pp. 2394-2415.

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Schasse, H.W., and Wegmann, K.W., 2000, Geologic Map of the Carlsborg 7.5-minute Quadrangle, Clallam County, Washington, scale 1:24,000, Washington Division of Geology and Earth Resources Open File Report 2000-7.

Washington Geologic Information Portal, subsurface data well log links, https://geologyportal.dnr.wa.gov/.



Not to Scale
Base Map from
WSDNR Geological
Information Portal

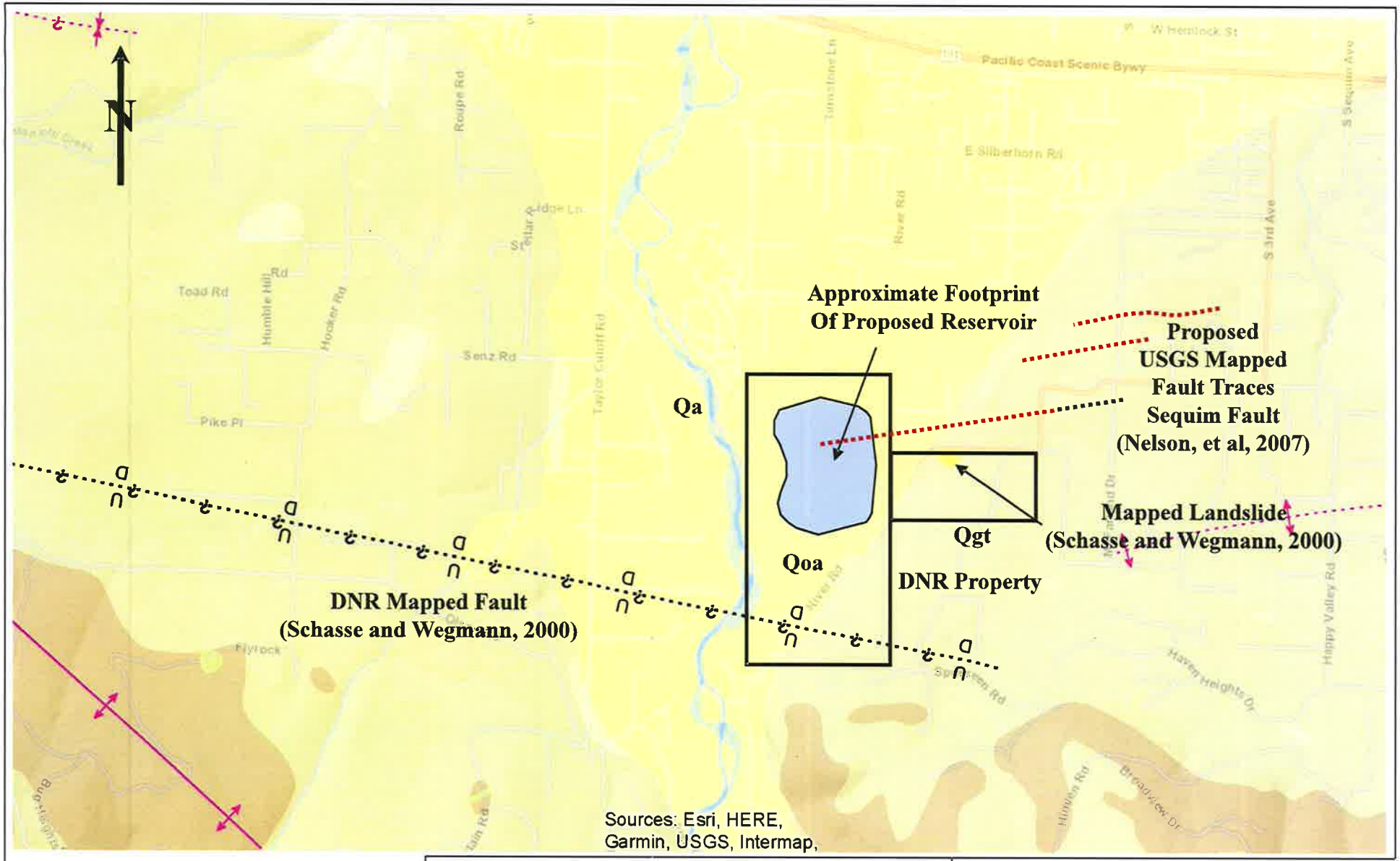
PanGEO INCORPORATED

Feasibility Study
Off-Line Reservoir Project
Clallam County, Washington

VICINITY MAP

Project No. 20-122

Figure No. 1



Not to Scale
Geology Map from
WSDNR Geological
Information Portal

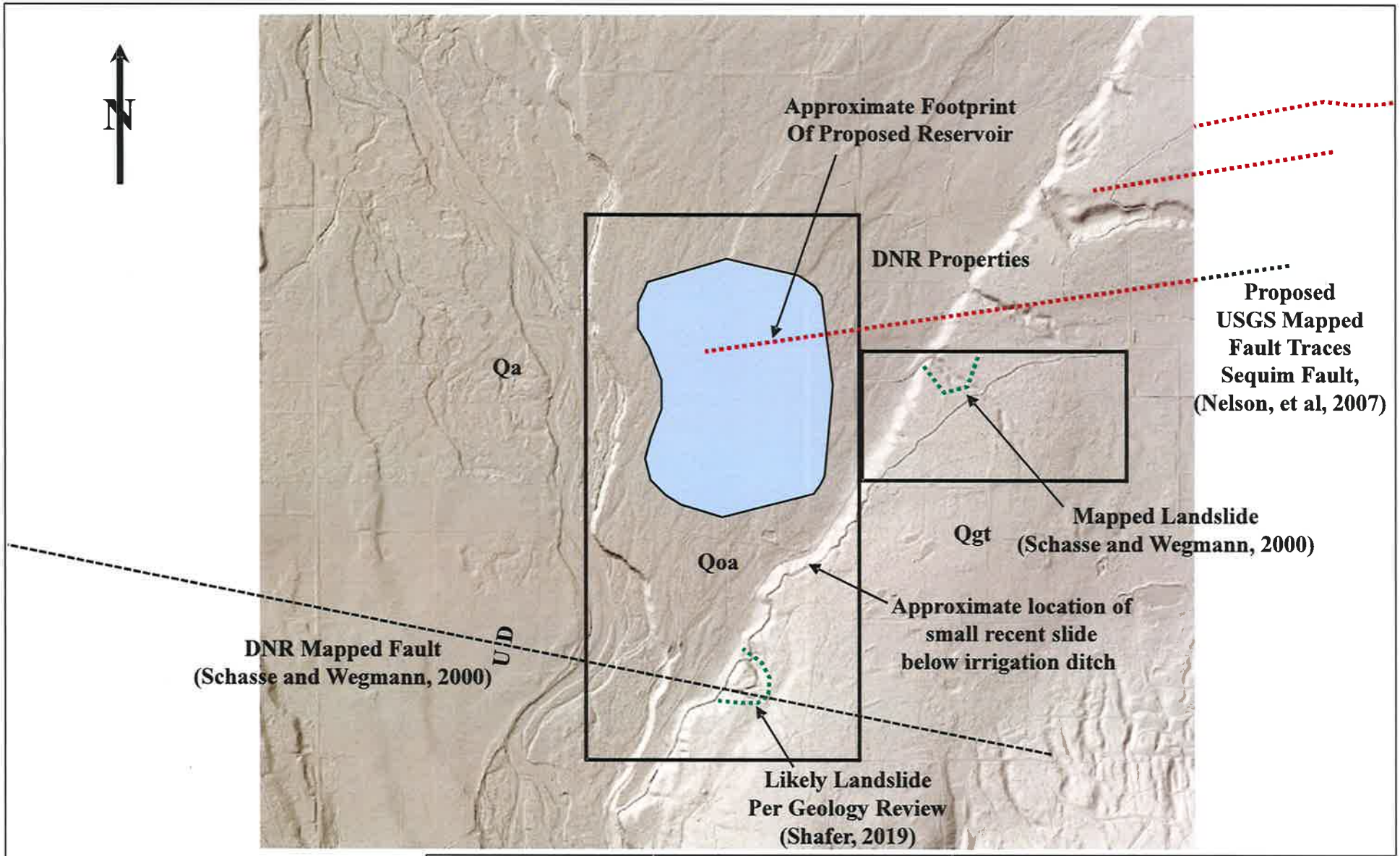
PanGEO INCORPORATED

Feasibility Study
Off-Line Reservoir Project
Clallam County, Washington

VICINITY MAP

Project No. 20-122

Figure No. 2



Not to Scale
Lidar 2019

PanGEO INCORPORATED

Feasibility Study
Off-Line Reservoir Project
Clallam County, Washington

LIDAR MAP

Project No. 20-122

Figure No. 3



January 2021
Proposed Dungeness Reservoir Project

ANCHOR QEA

Phase 1 Environmental Assessment
DNR River Road Properties

Prepared for Clallam County

January 2021
Proposed Dungeness Reservoir Project

Phase 1 Environmental Assessment DNR River Road Properties

Prepared for
Clallam County
Department of Public Works
223 East 4th Street, Suite 6
Port Angeles, Washington 98362

Prepared by
Anchor QEA, LLC
1119 Pacific Avenue, Suite 1600
Tacoma, Washington 98402

Project Number: 201439-00.01
Phase 1 Environmental Assessment

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APPENDICES

Appendix A	Anchor QEA Scope of Work
Appendix B	Site Maps
Appendix C	Aerial Photographs
Appendix D	Title Search
Appendix E	Well Logs and Geologic Information
Appendix F-1	DNR Property Records – Deeds and Property Use Information
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1 Project and Report Information

This document describes the methods and findings of a Phase 1 Environmental Site Assessment (Phase 1) conducted by Anchor QEA, LLC (Anchor QEA) on behalf of Clallam County. The subject property (Property) consists of two vacant tax parcels located along River Road just southeast of the Sequim City Boundary. The Property is shown in Figure 1 and Figure 2 and is described further in Section 2 of this Phase 1.

1.1 Client Information

Anchor QEA conducted this Phase 1 under contract with Clallam County. The County is considered the User, as defined by ASTM International Standards E1527-13 and E2247-16. The Department of Natural Resources (DNR), the agency currently managing the Property on behalf of the State of Washington, is also considered by Anchor QEA to be an authorized User of this Phase 1.

1.2 Report Purpose

This Phase I was prepared to support proposed acquisition of the Property from the State of Washington. The intended use of the Property is for development of a new irrigation water reservoir and a public park.

The purpose of the Phase I is to review the Property history and available information to identify recognized environmental conditions; that is, to assess the likelihood that contamination from hazardous substances or petroleum products may exist on the subject property either from past or present use of the subject property or nearby properties. This study is one step in the environmental due diligence process for the Property acquisition.

1.3 Scope of Work

The Phase 1 complies with the Environmental Protection Agency All Appropriate Inquiry Rules and the ASTM Standard Practice for Phase I Environmental Site Assessments: Phase I Environmental Site Assessment Process (Designations E1527-13 and E2247-16). The scope of work for the project included the items listed below:

- Site reconnaissance, including visual on-site inspection of the property
- Interviews of persons knowledgeable about the property, including (as available) current and past managers of the property
- A review of historical property records and historical aerial photographs
- A review of federal, state, and tribal environmental records concerning waste management practices, underground storage tank records, and/or documentation of historical releases at the property

- Identification of other commonly known or reasonably ascertainable information about the property
- An evaluation of the Recognized Environmental Conditions and development of a final report identifying the findings, opinions, and conclusions of the assessment
- If applicable, an identification of site-specific data gaps and a description of appropriate field investigation methods that can be used to resolve these data gaps

Anchor QEA's work plan is attached as Appendix A. Anchor QEA has prepared this report using information that is reasonably ascertainable; that is, information that is practically reviewable, publicly-available, and obtainable from its source within reasonable time and cost constraints. This report conforms to the requirements of ASTM E1527-13 and ASTM E2247-16. No Phase 2 Environmental Site Assessment activities were conducted as part of this Phase 1. Other business environmental risk issues (non-ASTM method issues such as asbestos, lead paint, wetlands, indoor air quality) were addressed during this study.

1.4 User-Imposed Limitations

Neither the County nor the DNR imposed limitations on Anchor QEA that affected our ability to complete this Phase 1.

2 Property Information and Physical Setting

This section describes the Property and its physical setting, and available information about groundwater and local soils.

2.1 Property Description

Tax lot information was obtained from the Clallam County tax assessor's office. That information was obtained at https://websrv22.clallam.net/propertyaccess/?cid=0. This information was accessed in October, 2020.

Property Address:	No formal street address at this time
Tax Lots and Size:	Clallam County Parcel Numbers: 04303621000 (318.9 acres) and 043036130000 (76.6 acres)
Township, Range, and Section:	Township 36, Range 04 West, Section 36, Western half and the southern portion of northeast quarter section
Current Use:	Timber Harvest and Recreation

A site vicinity map and a site plan are included as Figures 1 and 2, respectively. A copy of the county assessor's tax parcel map is included in Appendix B, along with a prior survey plat map dated from 1986.

2.2 Owner and Site Use

The current owner of the Property is the State of Washington. The property is managed by the Washington Department of Natural Resources.

Until recently the Property was managed exclusively for timber harvest. The most recent timber sale was completed in 2015.

During the past 2 years the property has been developed for public access with the development of mountain biking trails. The approximate trail locations are shown on Figure 2.

2.3 Topography and Site Features

A copy of a current U.S. Geological Survey 7.5-minute topographic map (East Sequim Quadrangle, 2014) is included in Appendix B.

The main portion of the Property is located along the eastern side of the Dungeness River between 350 and 450 feet above sea level. The main portion of the property is relatively flat, sloping

downward to the north. The portions of the Property located east of River Road include sloping areas of higher elevation. The southeastern-most portion of the property has an elevation of about 850 feet.

There are no buildings or enclosed structures on the property. The property is undeveloped except for the following features:

- **Road Access:** The Property can be accessed via gated entries either from River Road, Happy Valley Road, or Sporsen Road.
- **Utility Right-of-Way:** The Property is bisected east/west by a power line easement with the Bonneville Power Administration (BPA). Additional easements for power lines are in place with the Clallam County Public Utility District (PUD) #1. The BPA easement location is shown in Figures 2 and 3. The easement is vacant except for the overhead power lines, a small rock/gravel pit (Figure 3) and gravel access roads.
- **Existing and Former Irrigation Ditches:** There are a number of active and inactive irrigation ditches and related structures on the Property:
    - The upper ditch is operated by Highland Irrigation District and carries water along the eastern side of the property toward the north. It includes a gate valve and pipeline that directs water down to a separate irrigation ditch located in the middle portion of the Property.
    - The central irrigation ditch noted above is also operated by the Highland Irrigation District.
    - There is a third ditch, operated by the Sequim Prairie Tri-Irrigation Association (formerly Eureka Irrigating Company), located along the western side of the Property near the Dungeness River. The river intake is located near where the BPA right-of-way crossing of the Dungeness River. This ditch carries water to the north. An irrigation service road, spillway and flow control structure are located on the western portion of the Property.
    - There is also an older abandoned irrigation ditch located along the western portion of the Property, near the Dungeness River. Some metal debris (an old fish screen) is present (see Figure 3).
- **Mountain Biking Trail System:** The mountain biking trail system includes a trail map, and multiple trail markers. The trails are unpaved and extend throughout most of the Property. The approximate trail locations are shown on Figures 2 and 3.

- **Interior Roadways:** A number of interior roadways are located within the Property. These are unpaved gravel roads and are visible in Figure 2.
- **Gravel Pit:** A gravel pit is located in the southern portion of the Property just north of the old Sequim dump site (Figure 3).
- **Old Sequim Dump Site:** The Property includes an old unmanaged dump site known as the "Old Sequim Dump". The location of the dump is shown in Figure 3. The dump site is discussed further in Sections 3, 4, 5 and 6 of this Phase 1.

2.4 Groundwater Well/Borehole Records

The Washington Department of Ecology's (Ecology's) well-query online log database (https://fortress.wa.gov/ecy/waterresources/map/WCLSWebMap/default.aspx) provides logs for water wells, monitoring wells, and geotechnical borings, along with decommissioned well reports and other records. This database was reviewed by Anchor QEA in October, 2020.

No wells were identified on the Property. However, seven water supply wells were located along River Road near the Property. These well logs are attached in Appendix E. The boring logs generally indicate a soil sequence as follows:

- Surface topsoil
- Shallow gravels or sand and gravel in the upper 5-50 feet of soil (typically shallower than 50 feet)
- Sequences of clay or hardpan, mixed with gravel or boulders, between depths of 5 and over 100 feet
- Intermittent sequences of sand, silt, gravel and clay, with occasional water bearing zones
- Deeper shale units typically below 150-200 feet

Based on topography, the direction of groundwater flow is expected to be toward the north and west.

2.5 Soils and Geology

The DNR records for the property included a soil map for the Property and surrounding areas and a detailed discussion of area geology (included in Appendix E). The following description of area geology is contained within the DNR geologic summary:

"According to geologic mapping by Schasse and Logan (1998) and Schasse and Wegmann (2000), the western margin of the property along the Dungeness River is underlain by alluvial deposits (unit "Qa"), river-deposited sand, gravel, pebbles, and cobbles with fines (silt and clay), as well as peat. Through the middle, relatively flat portion of the property, published mapping indicates the presence of older alluvial deposits (unit "Qoa"), described as "crudely stratified cobbly, pebbly, bouldery gravel in a matrix of sand, silt, and clay". The upland areas are likely underlain by rocks of the Eocene Crescent Formation (unit "Ev(c"), capped by a mantle of Vashon glacial till (unit "Qgt" of Schasse and Wegmann (2000) and "Qgt(v)" of Schasse and Logan (1998)).

Unit Ev(c), basalt, basalt breccia, and diabase, is described by Schasse and Wegmann (2000) as "mostly porphyritic to aphyric, sparsely jointed, and pillow basalt and lesser basaltic breccia. Glacial till is described by Schasse and Wegmann (2000) as a poorly sorted mix of "pebbly, clayey, sandy silt with scattered cobbles and sparse boulders".

Schasse and Wegmann (2000) map one landslide in the property. This mapping was published prior to LiDAR becoming available. My review of the LiDAR DEMs suggests the mapped landslide, unit Qls on Figure 1, is nonexistent, as their does not appear to be visible landslide morphology, such as a headscarp, body, and toe. However, there does appear to be a likely deep-seated landslide within the southern portion of the property above River Road, along a roughly east-west-trending fault. This would need to be confirmed on the ground. " (See DNR soils discussion in Appendix E)

A soil survey was conducted on the Property by Anchor QEA under contract to Pacific Groundwater Group and the Washington Water Trust. That report is provided in Appendix E. The work included excavation of seven test pits in the central, western portion of the Property in the area proposed for the reservoir. The test pits were excavated from ground surface to depths of between 8 and 10 feet. Soils encountered consisted of a shallow sequence of silty topsoil (2 to 3 feet thick), followed by a layer of alluvium containing gravel, cobbles, boulders and sand.

There has been recent (last 1-2 years) landslide activity in the eastern portion of the Property. The mountain bike trails in this area utilize the ditch service road operated by the Highland Irrigation Ditch Company (Highland). These trails have been closed to the public since that time based on safety concerns expressed by Highland.

3 Regulatory Records Review

This section summarizes available records for the Property and vicinity.

3.1 Governmental Record Sources

Governmental records for the Property were obtained through public sources as described below:

- **Ecology Online Records:** Available on-line records from the Washington Department of Ecology were searched, including the following:
    - **What's in My Neighborhood:** Ecology maintains an on-line, searchable database of Properties with recognized environmental contamination concerns or environmental compliance obligations. The database is accessible at the following internet address: https://apps.ecology.wa.gov/neighborhood/. The database did not list any records for the Property or the properties in the vicinity.
    - **Groundwater Well Database:** As described in Section 2.4, groundwater well records in the vicinity were reviewed using Ecology's on-line database. Refer to that section of this report. for additional information.
- **DNR-Provided Property Records:** DNR provided an extensive list of records for the Property. These were obtained both through Clallam County, and directly from DNR by Anchor QEA. The majority of these records are contained in Appendix F. Copies of DNR-provided site maps are contained in Appendix B, and the DNR geologic analysis for the Property is contained in Appendix E. DNR records included the following:
    - **Deed Information:** DNR deed and land tile information included the following:
        - Patent deed for the Property, documenting transfer of the Property to the State of Washington from the federal government.
        - Copies of easements issued to the BPA, the Clallam County PUD #1, and Clallam County.
        - A "Transaction Hold Records Search" documenting land title records for the Property.
        - Scanned copies of the "Tract Book" listings for the property, listing applications, leases, timber sales, rights-of-way and easements relating to the Property.

- **Water Rights Records:** DNR provided documents relating to water rights and canal shares associated with the Property.

- **Timber Sale Records:** Older timber sales were listed in the Tract Book entries. Documentation related to the recent "Happy Cat" timber sale in 2015 were provided. These documents included a SEPA environmental review, permitting documentation, and a copy of the 2014 Site Management Plan. That document described the presence of the "Old Sequim Dump" and the "Happy Cat Debris Scatter" (Figure 3) as follows:

    - **Old Sequim Dump:** "The old dump for the City of Sequim is found along the sides and base of a railroad grade. The dump is 250 meters long and 30 meters wide and is located off a cliff embankment. It contains many rusty old cars and trucks from the 1930s to 1950s. Deposits are mainly from the 1920s through the 1950s although some earlier (back to the 1870s) and some later materials are also present. There is modern dumping as well."

    - **Happy Cat Debris Scatter:** "This site consists of approximately 4-5 pickup truck loads of garbage predominately dating to the 1930s-1940s. These are probably separate dumping episodes as the assemblage varies from pile to pile. The dumping episodes cover an area of 80 X 60 meters. One load of more modern material dates to the mid -1960s. There is evidence that these piles were then bulldozed as there are pushed up piles of rock and soil .2 -.5 meters in height. There are two fragments of manganese glass[1], but these are from a pitcher and a candy dish, forms that have a long life-span. There are no manganese glass bottles."

- **Geologic Conditions Memorandum:** A 2019 summary of Property geology was included in the DNR records. This document is summarized in Section 2.5 of this Phase 1 and is attached as part of Appendix E.

- **Clallam County Records:** Clallam County records were accessed to document the Property location and land use as described in Section 2.1.

[1] Manganese was used as a decolorizing additive to clear glass prior to about 1915. The reference in the DNR description was part of dating the debris scatter. Though two fragments of the pre-1915 glass were present, the debris scatter was reasonably assumed by DNR to have been placed at a later time period, as characterized by the other materials representative of later periods. Manganese glass is does not constitute a hazardous substance.

3.2 Environmental Database Search

A search of EPA, state, and tribal environmental database listings was performed by a commercial database search provider (EDR; a copy of the database search report is included in Appendix G). The purpose of that search was to identify potential, suspected, or known sources of contamination on or in the vicinity of the Property. Various agency listings were searched for different approximate minimum search distances from the subject property as established in the ASTM method. Listings included publicly available databases of environmental liens, activity and use limitations, and easements and equitable servitudes, if recorded or filed.

No references to the Property were listed in the database search results.

References to nearby properties identified in the regulatory database report are summarized below. None of these properties appear likely to have affected environmental conditions at the Property:

- **425 Dungeness Meadows Lane:** This property is located less than 1/8-mile from the Property, downhill and to the northwest. The property was listed in the CDL and SPILLS databases in 2007 for a spill of an unknown type and quantity of chemical.
- **393 Dungeness Meadows Kitchen:** This property is located less than 1/8-mile from the Property, downhill and to the northwest. The property was listed in the Asbestos database for asbestos abatement activities conducted there in 2016.
- **Robinson, 21, 81, 121 & 131 Serenity Lane and 2762 River Road:** These properties included 9 parcels and 4 rental homes. They were located approximately 1/8 mile to the southwest of the Property, along the Dungeness River. The properties were listed in the Brownfields database due to environmental assessment activities performed between 2015 and 2017 by the Jamestown S Klallam Tribe under an EPA Brownfields grant. The work included completion of Phase 1 and Phase 2 environmental assessments. The tribe purchased the properties, removed the homes and cleaned up a localized area of petroleum contamination. The area was then used for floodplain and habitat restoration work in coordination with the Washington State Salmon Recovery Fund board and the Puget Sound Acquisition and Restoration Fund.
- **Delhur Industries Haller Quarry, 2657 River Road:** This quarry is located approximately ¼ mile to the southeast of the Property. The quarry was listed in the FSIS, ECHO, All Sites and NPDES databases because the quarry maintains an NPDES water quality permit. It was also listed in the US Mines database because of its use as a commercial quarry.

- **Scarsella Brothers, 2822 River Road:** This location is approximately ¼ mile to the southeast of the Property. The location was listed quarry was listed in the SPILLS database due to a release of 60 gallons of diesel fuel in 2013.

4 Historical Records Review

This section provides a listing of historical records reviewed for the Property and includes a concise summary of the Property history.

4.1 Historical Sources Reviewed

Table 1 provides a concise summary of the historical records reviewed as part of this Phase 1. These include standard historical records sources (historical maps and aerial photographs), results of a title search (Appendix D), copies of records provided by the DNR (Appendices E and F), and information developed through interviews (see Section 6).

No data failures were encountered. The historical objectives in ASTM E1527-13 and ASTM E2247-16 were achieved.

4.2 Previous Environmental Assessments

No previous Phase 1 or Phase 2 environmental assessments were identified for the Property.

DNR records for the 2015 "Happy Cat" timber sale included an environmental protection plan. That document discussed two environmental concerns (the Happy Cat Debris Scatter and the Old Sequim Dump) as summarized in Section 3.1. Both deposits remain in leave-tree areas at the Property (Figure 3).

4.3 Summary of Property History

The history of the Property is summarized in Table 2, based on Anchor QEA's review of the records listed above, and the results of site interviews as summarized in Section 6.

In general, the Property has been used predominantly for timber growth and harvesting since the late 1800s when Washington was granted statehood. A concise summary of property history includes the following:

- The property title was transferred to the State in 1889. A patent deed was later issued in 1972.
- Timber sales occurred between the early 1900s and 2015 as documented in DNR deed and timber sale records.
- Irrigation ditches were developed in the early 1900s on the Property. These irrigation features were later documented in DNR surveys and land use records. These irrigation features are described in Section 2.3 of this Phase 1.

- Numerous easements exist within the Property for power line easements with the BPA and Clallam County PUD #1, and with Clallam County for roadways. These easements were granted between 1920 and the late 1980s.
- Several truckloads of debris dating from the 1930s, 1940s and 1960s were disposed in the northeastern portion of the Property (Figure 3). This debris was later identified in DNR timber sales documentation as the "Happy Cat Debris Scatter".
- The Old Sequim Dump was placed on the Property some time prior to the mid-1970s (mostly between the 1920s and 1950s). Based on available information and the results of interviews, the dump was not a contracted or municipally-sponsored activity, but rather was the result of uncontrolled dumping activity by local residents. The dump contains cars and trucks dating primarily from the 1930s through the 1950s. Some older and newer debris is also present according to DNR records (Section 3.1) and observations from the Property inspection (Section 5.2).
- Some grazing activity was conducted prior to the 1970s in the northern portion of the Property.
- Off-site residential areas to the northwest, north and east of the Property were developed over time between the 1950s and the present.
- Several homes located to the southwest of the Property were removed between 2015 and 2017 to support floodplain restoration efforts. This work included environmental testing and cleanup activities funded by grants from the EPA Brownfields program to the Jamestown S'Klallam tribe.
- In 2016 a proposal for development of a reservoir on the Property was developed by Anchor QEA in coordination with the Washington Water Trust, Clallam County, the City of Sequim, the Dungeness Water Users Association, and the Clallam Conservation District.
- In approximately 2018, mountain biking trails were developed on the Property.
- Between 2019 and 2020 Clallam County and DNR have been in negotiations for potential land transfer to support the proposed reservoir project. The current Phase 1 was developed to support the land transfer process.

5 Property Reconnaissance

Anchor QEA conducted a reconnaissance or site visit at the Property. This section describes the methods and observations from that site visit.

5.1 Property Reconnaissance Methods

The property reconnaissance was conducted by Mark Larsen and David Rice of Anchor QEA on September 18, 2020. Figure 3 summarizes the areas visited during the site inspection.

Photographs taken during the site visit are included in Figures 4 through 9 of this Phase 1.

5.2 Observed Property Conditions

Conditions observed on the Property are summarized below. Given the large size of the Property, the observations are summarized by area:

- **Upper Property (east of River Road):** This portion of the Property is located on a hillside. It includes the Highland Irrigation Ditch. An access road runs along the ditch between River Road and Happy Valley Road. A recent landslide occurred where the access road crosses under the BPA power lines. Timber in this area of the Property was most recently harvested circa 1994. Some road and train construction were occurring along Happy Valley Road at the time of the site visit.
- **Northern Property (north of BPA right-of-way):** The northern end of the Property is located west of River Road and north of the BPA right-of-way. The area is currently vacant except for several stands of leave-trees and standing timber along the western edge of the Property sloping downward to the Dungeness River. Timber in this area was harvested in phases between 1994 and 2015. Several areas of debris (4-5 pick-up truck loads) were noted in DNR records as described in Section 3.1, but these were not directly observed during the site visit. Based on interviews with the current DNR land manager (see Section 6), this debris remains on-site. Numerous mountain biking trails are located in this area of the Property. An irrigation ditch runs northward through the center portion of the Property.
- **BPA Right-of-Way:** The BPA right-of-way crosses the Property from the east to west. A small gravel pit is located within the right-of-way just west of River Road. No evidence of waste disposal or debris backfill was noted in this area. The right-of-way is vacant other than the power line towers, the gravel pit and the access roadways. Wooden fencing is located along the western edge of the right-of-way, on the bluff over-looking the Dungeness River.
- **Southern Property (south of utility right-of-way):** The southern portion of the Property located to the west of River Road is vacant and covered in intermittent stands of timber. This area includes the rock pit and Old Sequim Dump site as described below. Other than these

features, the gravel access roads and the network of mountain biking trails, this portion of the Property is vacant.

- **Southern Rock/gravel Pit:** A small gravel pit is located at the junction of two on-site gravel roadways, just north of the Old Sequim Dump site. No evidence of waste disposal or debris backfill was noted in this area.
- **Old Sequim Dump site:** The waste disposal area known as the Old Sequim Dump is located on and at the base of a steep embankment just to the west of River Road as shown in Figure 3. DNR records estimate the area to be 250 meters long and 30 meters wide. The debris contains a mixture of old car bodies, appliances and other debris. The automotive debris includes some fuel tanks, and both painted and rusted (i.e., no paint remaining) car parts. The debris is located on a steep slope and at the base of an embankment. Some of the car bodies have become suspended in the trees by trees growing through them. In most cases, native soil was visible beneath the layer of debris, suggesting that the dump site was mostly surficial in nature.
- **River-front Areas (Western Portion of Property):** The western portion of the Property is located at lower elevation along the Dungeness River. It includes one active irrigation canal and a former irrigation ditch. The active irrigation canal is operated by the Sequim Prairie Tri-Irrigation Association (formerly Eureka Irrigating Company). An access road and a flow control structure are located in this area of the Property.

5.3 Conditions at Adjoining Properties

The Property is surrounded to the northwest, north and northeast by residential properties. No areas of concern were identified during the site reconnaissance.

Properties to the southwest have been the subject of floodplain restoration activities. Homes formerly located in these areas have been removed, and riparian vegetation has been planted along the river. Some of the mountain biking trails on the Property extend into this area.

The properties to the south east include the Delhur quarry and other timberlands. The quarry is separated from the property by areas of standing timber.

6 Interviews

Interviews were conducted by Anchor QEA with three individuals that have been involved managing the property on behalf of DNR, including the following:

- **Robert Winslow - DNR Trust Land Transfer Project Manager (Olympia, Washington):** Anchor QEA conducted a telephone interview with Robert Winslow, the DNR Trust Land Project Manager on October 28th, 2020. Robert has been a DNR employee since 1986 and has been involved in preparing the Property for potential acquisition by Clallam County since late 2018 or early 2019. He provided access to Property ownership and use records, including those in Appendix F. He confirmed that there is no evidence of historical use of the Property for oil and gas exploration, gravel mining (other than use of the two on-site rock/gravel pits for on-site road construction/maintenance), construction of occupied structures or for any uses other than those documented in Section 4.3 of this Phase 1. He was not personally aware of any spills of hazardous substances or solid wastes other than the presence of the Old Sequim Dump and the Happy Cat Debris Scatter as discussed in Sections 3.1 and 4.3.
- **Mark Benner - Current DNR Property Manager (Forks, Washington):** Anchor QEA conducted a telephone interview with Mark Benner on November 3rd, 2020. Mark is the current DNR manager for the Property. Mark has held that role since about 2004 when Mike Cronin assumed a different job. Mark was familiar with the recent timber sales at the Property, including the Happy Cat sale in 2015. He confirmed that the Happy Cat debris scatter materials and the Old Sequim Dump materials discussed in Section 3.1 and 4.3 remain present on the Property in leave tree areas (Figure 3). The Happy Cat debris scatter is located in the northeastern portion of the Property. He was aware that the Old Sequim Dump has been picked over by collectors for car parts (hood ornaments, etc.), but was not aware of any concentrated salvage activities with respect to the car bodies or other materials. He understood that the historical dumping was not part of a contracted or organized municipal activity, but rather was the result of uncontrolled dumping by area residents primarily between the 1930s and the 1950s (based on the dates of the car bodies present). Mark was not aware of other deposits of solid wastes on the Property, or of any spills or other releases of hazardous substances between 2004 and the present, other than occasional disposal of furniture or household wastes/debris. These materials are managed by DNR on an ongoing basis at its various properties. He confirmed that the on-site rock/gravel pits have not been used for commercial mining activities, but rather are only used for on-site road construction and maintenance. He described the recent development of the mountain bike trail agreements and recreational use of the Property during the past two years. He said that the Property has been heavily used by bikers and trail users since that time, and that this has helped to discourage illicit disposal of household wastes at the Property.

- **Mike Cronin – Former DNR Property Manager (Retired):** Anchor QEA conducted a telephone interview with Mike Cronin. Mike was the former DNR land manager for the Property. He held that position between the mid-1970s and 2004 when he assumed the district manager position for DNR. He retired from DNR in 2006. Mike recalled managing the Property for timber production. He recalled some early grazing activity in the northern portion of the Property up into the 1970s. That grazing was conducted in among the timber. He said that the Old Sequim Dump was present on the Property by the time he started managing it. He was not aware of any historical contracts or other formal approvals for the dumping activity. During his period of management there was occasionally some household trash dumping on the Property, particularly in the BPA right-of-way, since that area was historically more accessible. He explained that DNR had a process for removing garbage from its properties periodically, but that the funds were always limited and there was never funding to remove the wastes from the Old Sequim Dump site. He described the two on-site rock/gravel pits (Figure 3) as having been used for only on-site road maintenance, never commercial mining activity. He was not aware of any import of waste materials or other off-site materials associated with the rock/gravel excavation. He described the on-site irrigation ditches and structures and their periodic maintenance by the irrigation companies. He was not aware of any historical oil and gas exploration or drilling on the Property. He was not aware of cultural or archaeological resources at the Property but noted that there have been some culturally modified trees (i.e., cedar trees that had been harvested of their bark by local tribal members) in the area. Mike was not aware of any fuel spills or other releases of hazardous substances at the Property other than the Old Sequim Dump site. He was aware that a railroad had been present on the Property in the 1920s or 1930s for early timber harvesting, but had never seen any remains of tracks or ties from that. He said it was typical that the rails would be removed from logging railroads when they were no longer needed.

7 Findings and Recommendations

This section summaries Anchor QEA's findings and recommendations regarding apparent environmental conditions at the Property based on the information reviewed and documented in this Phase 1.

7.1 Findings

Based on the information reviewed by Anchor QEA and summarized in this Phase 1, there are two Recognized Environmental Conditions at the Property.

- **Old Sequim Dump Site:** The Old Sequim Dump site (Figure 3) was placed on the property since primarily between the 1930s and 1950s, with dumping activity ceasing prior to the mid-1970s. It contains car bodies and car parts, household appliances and other debris and solid wastes. The debris includes a mix of painted and rusted (free of paint) materials, and some former automotive fuel tanks. The quantity of wastes and debris is significant, estimated by DNR records to cover an area of 250 meters by 30 meters. The wastes appear superficial, laying on the top of the native soils rather than constituting a thick fill deposit. Some of the materials have decayed and are mixed in with the surficial soil. Some of the car bodies remain on the steep hillside, and some have been raised into the air by the growth of trees through the materials. No environmental testing of the debris, soils or groundwater has been performed to date. Though the materials have been known to be present for several decades, DNR has not allocated funding to remove the materials. During the prior timber sales that dump site has been retained within a leave tree area. Given the presence of painted car bodies from the early to mid-1900s, there is a potential for paint-related metals to have become incorporated into soils at the Property in the dump site area. The presence of automotive debris including former fuel tanks indicates some potential for releases of oil or gasoline to soils, though no obvious signs of such contamination were noted during the site reconnaissance.
- **Happy Cat Debris Scatter:** Smaller areas of apparent household debris are known to be present in the northeastern portion of the Property (Figure 3). This is a much smaller quantity of materials, described by DNR records as 4 to 5 pick-up truck loads. The materials are believed to be from the 1930s or 1940s, with one truck load from the 1960s. During recent timber sales, the debris scatter materials were not removed. They are present within an existing leave tree area on the Property. The materials are present within the proposed reservoir area and will be encountered during reservoir construction activities. They will need to be removed and appropriately disposed at that time. Given the history of household waste dumping at the Property, some other materials may also be encountered during reservoir

construction. The quantity of such materials is not likely to be significant within the context of the proposed project.

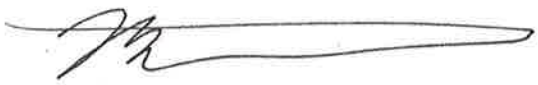
7.2 Recommendations

As part of the proposed property acquisition and development of the reservoir project, Anchor QEA recommends that further work be performed to quantify the nature and extent of the Old Sequim Dump materials and develop a cost estimate for appropriate removal and disposal of the materials and any associated contaminated soils. Removal and appropriate disposal of the materials is recommended, because the materials represent an uncontrolled solid waste deposit, they are likely to contain or to have previously contained hazardous substances, they may continue to release hazardous substances to soils (e.g., through corrosion of painted surfaces), and in some cases they represent physical hazards to current and future Property users. Some of the car bodies in particular are located on a steep hillside, and some have been raised into the air by trees growing through the materials. Based on visual observations, the waste materials appear to be superficial, rather than constituting a thick landfill deposit. Limited Phase 2 Environmental Site Assessment activities (i.e., limited soil and groundwater testing) should be performed prior to acquisition of the Property. However, the Old Sequim Dump site is not expected by Anchor QEA to be a source of groundwater contamination. Environmental impacts associated with the Old Sequim Dump site are most likely to be limited to contamination of shallow soils within and beneath the waste deposits.

Smaller deposits of household debris are also likely to be encountered sporadically during future development of the reservoir project. This may include the debris at the Happy Cat Debris Scatter as well as potential household debris that may be encountered in other areas of the Property. To date, available information indicates that these scattered waste deposits are small in quantity and contain non-hazardous materials (e.g., bottles, cans, glass). Further environmental testing does not appear warranted at this time for these areas. However, provisions for debris management should be considered as part of future reservoir development activities in the event that deposits of household debris are encountered during site grading activities.

8 Signatures

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



January 14, 2021

Mark Larsen — Date

Anchor QEA Principal Scientist

9 Assumptions and Limitations

Anchor QEA has prepared the Phase I ESA on behalf of Clallam County consistent with the methods defined in ASTME1527-13. No significant limitations were imposed on our work, and no significant data gaps limited our ability to complete this Phase 1.

The work was performed in a manner that is commensurate with accepted procedures and practices in the environmental industry. The qualifications of the individual that prepared this report are listed in Appendix H. The Anchor QEA investigator reviewed sources that are publicly available, available within a reasonable time and cost, and reasonably ascertainable and considered practically reviewable, as defined under the ASTM standards.

The conclusions and recommendations presented in this report represent Anchor QEA's best professional judgment regarding environmental conditions at the subject property. These conclusions and recommendations are based on Anchor QEA's review of the information presented in this report. Further, our conclusions and recommendations are based on state and federal regulations and policies as they exist at the time that this report was prepared.

The findings and conclusions of this report are not scientific certainties but are based on professional judgment concerning the significance of the data gathered during the course of the Phase I. The conclusions in this report are not to be considered a legal opinion or advice as to the Client's duty concerning due diligence and All Appropriate Inquiry relating to potential liabilities in leasing, owning, or purchasing real estate.

It should be recognized that no effort can precisely define all environmental problems or eliminate all risks, and a certain degree of risk exists with any level of effort.

10 References

American Society for Testing and Materials (ASTM). Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM 1527-13), Updated in 2013.

American Society for Testing and Materials (ASTM). Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property (ASTM 2247-16), Updated in 2016.

Huntting, Marshall T., 1956, Inventory of Washington minerals; Part II--Metallic minerals: Washington Division of Mines and Geology Bulletin 37, Part II, 2 v.

Schasse, Henry W.; Logan, Robert L., 1998, Geologic map of the Sequim 7.5-minute quadrangle, Clallam County, Washington: Washington Division of Geology and Earth Resources Open File Report 98-7, 22 p., 2 plates.

Schasse, Henry W.; Wegmann, Karl W., 2000, Geologic map of the Carlsborg 7.5-minute quadrangle, Clallam County, Washington: Washington Division of Geology and Earth Resources Open File Report 2000-7, 27 p., 2 plates, scale 1:24,000.

Valentine, Grant M.; Huntting, Marshall T., reviser, 1960, Inventory of Washington minerals; Part I--Nonmetallic minerals; 2nd edition: Washington Division of Mines and Geology Bulletin 37, Part I, 2nd ed., 2 v.

Tables

Table 1
Summary of Records Reviewed by Anchor QEA

Type	Information Source	Description	Date	Prepared By	Subject	Notes
Interviews (Section 6 of Phase 1)						
	Anchor QEA	Interview with Mike Cronin of DNR	9/2/2020	Anchor QEA	Interview of former DNR manager for the Property.	Interview covers the period mid-1970s to 2004.
	Anchor QEA	Interview with Robert Winslow of DNR	10/28/2020	Anchor QEA	Interview of DNR transaction specialist working with the property transfer.	Interview covers the period 2018 to present.
	Anchor QEA	Interview with Mark Benner of DNR		Anchor QEA	Interview of current DNR manager for the Property.	Interview covers the period 2004 to present.
Historic Maps (Appendix B)						
	EDR / USGS	Historic USGS Map - 2014	2014	USGS/EDR	USGS data for map information for Property and vicinity	Historic USGS map data as obtained from EDR.
	EDR / USGS	Historic USGS Map - 1985	1985	USGS/EDR	USGS data for map information for Property and vicinity	Historic USGS map data as obtained from EDR.
	EDR / USGS	Historic USGS Map - 1978 and 1979	1978, 1979	USGS/EDR	USGS data for map information for Property and vicinity	Historic USGS map data as obtained from EDR.
	EDR / USGS	Historic USGS Map - 1956	1956	USGS/EDR	USGS data for map information for Property and vicinity	Historic USGS map data as obtained from EDR.
	EDR / USGS	Historic USGS Map - 1939	1939	USGS/EDR	USGS data for map information for Property and vicinity	Historic USGS map data as obtained from EDR.
	EDR / USGS	Historic USGS Map - 1938	1938	USGS/EDR	USGS data for map information for Property and vicinity	Historic USGS map data as obtained from EDR.
	EDR / USGS	Historic USGS Map - 1937	1937	USGS/EDR	USGS data for map information for Property and vicinity	Historic USGS map data as obtained from EDR.
	Kroll Map Company	Historic Kroll Map	8/1/1928	Kroll Maps	Clallam County township survey atlas from 1928.	Survey map from 1928 showing T30N R04W.
	EDR / Sanborn	Sanborn Search (No maps identified)	--	EDR	USGS data for map information for Property and vicinity	No Sanborn maps identified for Property or vinity.
	DNR	SurveyPlat_1968	12/2/1968	DNR	Survey plat showing Sporsen Road right of way and private properties in S36 T30N R04W.	Survey plat showing Sporsen Road right of way and private properties in S36 T30N R04W.
	DNR	Ortho_RiverRoadTransfer	3/25/2019	DNR	River Road Transfer Ortho map.	Aerial map of River Road Parcel.
	DNR	RiverRoadVicinitySmall	3/25/2019	DNR	Small vicinity map.	Small vicinity map for the "Happy Valley Proposed Land Exchange."
	DNR	Site Class_RiverRoadTransfer	3/25/2019	DNR	River Road Transfer Site Class map.	Site class map of River Road Parcel.
	DNR	Transportation_RiverRoadTransfer	3/25/2019	DNR	River Road Transfer transportation map.	Transportation map (roads and road status) of River Road Parcel.
	DNR	USGS_RiverRoadTransfer	3/25/2019	DNR	River Road Transfer USGS map.	USGS topographic map of River Road Parcel.
	DNR	Water Bodies & Streams_RiverRoadTransfer	3/25/2019	DNR	River Road Transfer Water Bodies & Streams map.	Watercourse map of River Road Parcel.
	DNR	Water Types_RiverRoadTransfer	3/25/2019	DNR	River Road Transfer Water Types map.	DNR water-type map of River Road Parcel.
	DNR	WDFW Habitat_RiverRoadTransfer	3/25/2019	DNR	River Road Transfer PHS map.	WDFW priority habitats and species map of River Road Parcel.
Historical Aerial Photographs (Appendix C and Figures 2 and 3)						
	Google Earth	2019 Google Earth Image	2019	Google Earth	Google Earth Image - included in Figures 2 and 3.	
	Google Earth	2014 Google Earth Image	2014	Google Earth	Google Earth image for Property and vicinity.	
	Google Earth	1994 Google Earth Image	1994	Quantum Spatial	Google Earth image for Property and vicinity.	
	Quantum Spatial	1985 Historic Aerial	3/16/1985	Quantum Spatial	Aerial photo for Property and vicinity.	
	Quantum Spatial	1974 Historic Aerial	4/8/1975		Aerial photo for Property and vicinity.	
Title Search (Appendix D)						

Table 1
Summary of Records Reviewed by Anchor QEA

Type	Information Source	Description	Date	Prepared By	Subject	Notes
	Clallam Title Company	Dungeness_RiverRd_134177	9/22/2020	Clallam Title Co.	Results of title search for Property as obtained from Clallam	Complete title search for the DNR Dungeness River
Well Logs and Geologic Information (Appendix E)						
	Ecology	Well Logs from Water Wupply Wells	Nov 2020	Ecology	Well logs obtained from Search of Ecology database for	No well logs were identified for the Property. Seven
	DNR	River Road Transfer - Geology Review	6/29/2019	Ana Shafer, DNR	Geological review summary for the "River Road Transfer"	A review of the potential for surface and subsurface
	DNR	Soils_RiverRoadTransfer	3/25/2019	DNR	River Road Transfer Soils map.	Soils map of River Road Parcel.
	Anchor QEA	Dungeness Flow Enhancement: River Road Storage Project; Preliminary Geotechnical Engineering Recommendations	5/24/2014	Anchor QEA	Limited geotechnical analysis for the Property; performed on behalf of Pacific Groundwater Group and the Washington Water Trust.	Test pit survey and limited geotechnical analysis was performed by Anchor QEA in support of planning activities for the Dungeness reservoir project.
DNR Records - Title and Property History Information (Appendix F-1)						
	DNR	TransactionHold_RecordSearch_02-098949	3/28/2019	DNR	Record search for River Road Transfer parcel.	Record search #02-098949 for the River Road Parcel with encumbrances listed.
	DNR	Deed_Patent_46-72-0049	3/27/1972	Bureau of Land Management	Patent for the support of common schools.	Patent granted by the State of Washington on March 27, 1972. Patent number 46-72-0049.
	DNR	DNR_Clallam_easement_50-CR3201	9/24/1985	DNR/Clallam County	Easements between Clallam County Public Works and DNR.	DNR easements and maps. Section 36 (River Road parcels) on page 15 of the PDF. Grant from 12/15/1983 for forest land to Indemnity School/Cap Bldg/School. CR3201 covers CO-CM-HAPPY-VALLEY-RD and CO-CM-SPORSEEN-RD.
	DNR	DNR_Clallam_easement_50-CR03228	4/21/1986	DNR/Clallam County	Easement between Clallam County and DNR for a road right of way in the River Road parcel.	Easement for a road within the NE corner of S36 of T30N and R04W. CR3328 covers CO-CM-RIVER-RD.
	DNR	DNR Tract Book Excerpts	1889 to 2004	DNR	DNR Tract Book Excerpts	Summary of deeds, use applications, use agreements, easements and other information relating to the Property as entered into the DNR tract book.
DNR Records - Timber Sales and Related Documents (Appendix F-2)						
	DNR	Happy Cats Units 1-3 FMPT Special Concerns Report	8/8/2012	DNR TRAX	FMPT Special Concerns Report for T30N R4W S36.	DNR database report for T30N R04W S36 documenting regional special concerns (DNR Region Office, DAHP, Ecology, WDFW)
	DNR	HAPPY CAT_01_Final Notice of Sale	1/28/2015	DNR	Timber notice of sale.	DNR certificate for the sale of logging area containing 440 MBF of high quality Douglas fir. Agreement number 30-090791 under "Happy Cat."
	DNR	HAPPY CAT_02_Happy Cat Timber Sale Maps Bundle	9/8/2014	DNR	Driving map to the timber area for sale under agreement number 30-090791.	Driving map to the lands for sale to harvest under 30-090791 Units 1-4.
	DNR	HAPPY CAT_Happy_Cat_SEPA_Checklist_2014	6/23/2014	DNR	SEPA Checklist for Happy Cat Timber Sale Agreement #30-090791.	Complete SEPA Checklist for the Happy Cat timber sale, which is a variable retention harvest (VRH) with associated right of way composed of 4 units located in the Dungeness Valley and Discovery Bay WAUs.

Table 1
Summary of Records Reviewed by Anchor QEA

Type	Information Source	Description	Date	Prepared By	Subject	Notes
	DNR	HAPPY CAT_Site Protection Plan CA00524 CA00725 and CA 00730	9/19/2014	M.L Stilson	Site Management Plan for Old Sequim Dump, Happy Cat Debris Scatter, Happy Cat Timber Sale	This document summarizes the sites located within the Happy Cat Timber Sale and the potential for historic artifacts or buried dump material on site. Dump sites were to be retained in leave-tree areas.
	DNR	RE_Happy Cat Site Plans Tribal Notification	8/7/2014	Jeremy Brown, DNR	Email documenting Tribal Notices.	Email documenting that notices were sent to Jamestown S'Klallam Tribe and Lower Elwha Klallam Tribe from Jeremy E. Brown, DNR.
DNR Records - Water Rights (Appendix F-3)						
	DNR	RiverRoad_5521_WaterRights	12/28/1967	Department of Ecology	Water Rights Certificate from Eureka Irrigating Company	Eureka Irrigating Company membership certificate and 1.00398 cubic feet of water right certificate for DNR, parcel ID 5521.
	DNR	RiverRoad_5521_WaterRightClaim	6/18/1974	Department of Ecology	Water Right Claim for Dungeness River for S36 T30N R04W	Water right claim for 0.01 CFS from the Dungeness River.
	DNR	SequimPrairieLetter_2008	6/20/2008	Sequim Prairie Tri-Irrigation Association	DNR Olympic Region letter of shares in Sequim Prairie Tri-Irrigation Association.	Letter noting that DNR has 131 shares in the irrigation association. Eureka Ditch merged with others to create the Tri-Irrigation Association. The original 87 shares were transferred at a 1.5 ratio for 131 shares. Certificate #290 (8-4-1999) replaces the prior Eureka certificate (#69, 12-28-1967).
	DNR	WaterLease_60-B82956	11/19/2018	DNR	Lease between DNR and Robert Reandeau for River Road Parcel.	A water lease between DNR and Robert Reandeau. Lease No. 60-B82956 for Clallam County Parcel No. 033007-130000.
Database Search (Appendix G)						
	EDR	Dungeness_RiverRd_EDR_Radius	9/16/2020	EDR	Search of environmental records in a 1 mile radius of the River Road Parcels.	Includes overview maps and detailed findings.
	EDR	SUMMARY_RADIUS_6192668_2	9/16/2020	EDR	Summary of environmental records findings (map)	Includes overview maps and summarized findings.

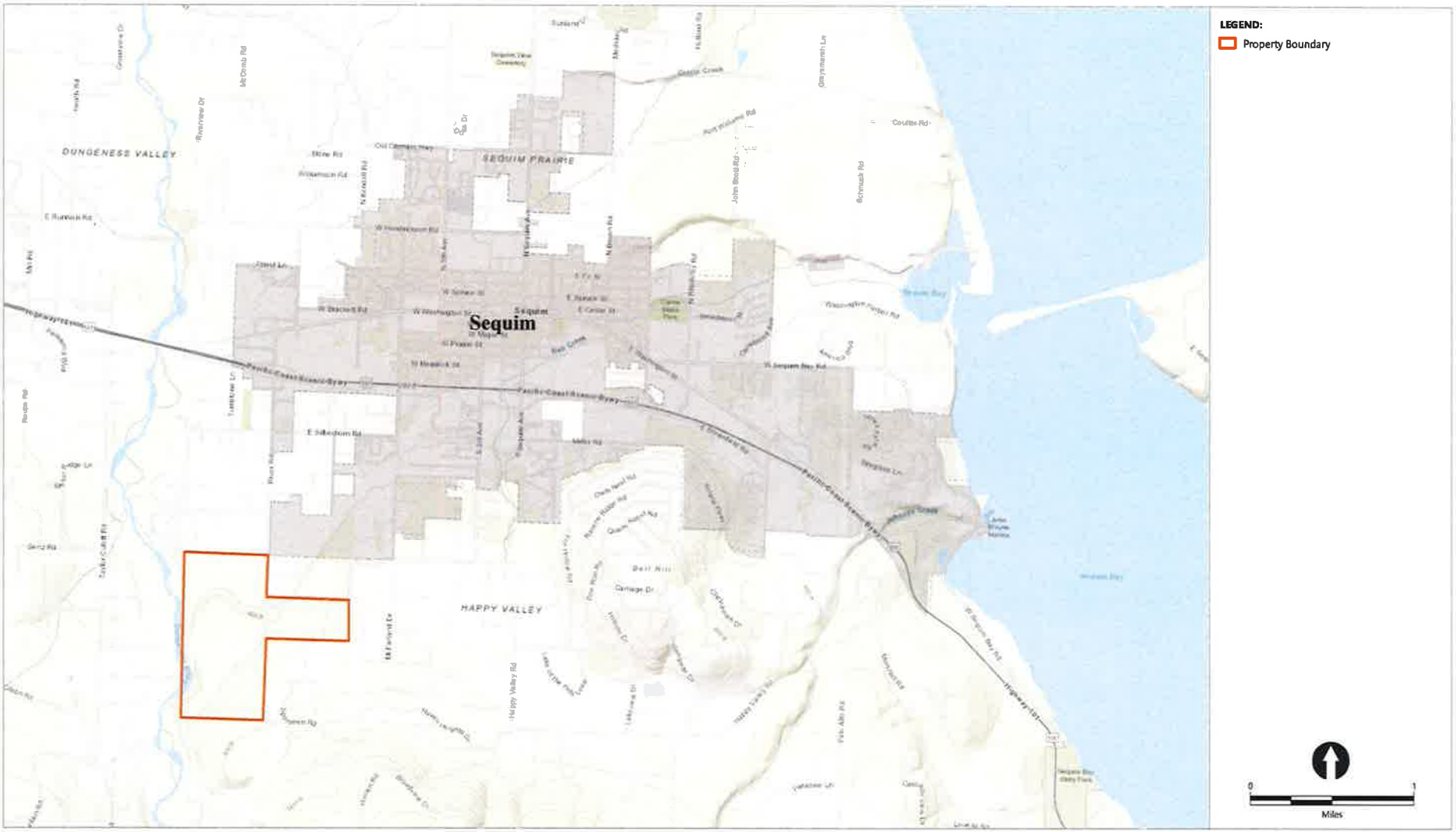
Table 2
Summary of Property History

Date	Information Source	Location	Observations
1889	DNR Records - Deeds	Subject Property	Property title originally granted from the United States to the State of Washington.
1920	DNR Records - Deeds	Subject Property	Initial easements to Clallam County for road construction.
1928	Kroll Maps	Subject Property and Vicinity	The Property is listed as "school land". River Road and Happy Valley road are shown. Adjacent properties to the east are shown as owned by Thad Wagener, John F. Camp and J. Sporseen.
Pre-1930s	Interview - M. Cronin	Subject Property	A timber-harvesting railroad grade and track were formerly located on the Property. No traces remained of the railroad as of the mid-1970s when Mike Cronin assumed management responsibility for the Property for DNR.
1920s-1950s	Interview - M. Cronin DNR Records - Timber Sales	Subject Property	Mike Cronin managed the River Road properties on behalf of DNR between the mid 1970s and about 2004. Mike recalled that the Old Sequim Dump was present on the Property prior to his assumption of management responsibilities in the mid-1970s. A DNR Site Protection Plan prepared as part of a timber sale documented that debris in the Sequim Dump dated primarily from between the 1920s and the 1950s, with some older and newer debris also present.
1930s-1940s, 1960s	DNR Records - Timber Sales	Subject Property	A DNR Site Protection Plan prepared as part of a timber sale documented that debris associated with the "Happy Cat Debris Scatter" was primarily from the 1930s and 1940s, but with one pickup truck load of debris that appeared to date from the 1960s.
1937-39	Historical USGS Map	Subject Property and Vicinity	Property is vacant, other than interior access roads and irrigation ditches. Power line right-of-way is not shown (added later).
1950	DNR Records - Deeds	Subject Property	Easement for power lines granted to Bonneville Power Association.
1956	Historical USGS Map	Subject Property and Vicinity	Property is shown as vacant, other than irrigation ditches, power line right-of-way and interior access roads. Surrounding properties are all vacant. River Road is listed as Duncan Road.
1967	DNR Records - Water Rights	Subject Property	Surface water rights certificate granted to DNR by the Eureka Irrigating Company.
1968	DNR Records - Property Maps	Subject Property and Vicinity	Survey plat filed for Property and adjacent properties.
1968	DNR Records - Deeds	Subject Property	Easement issued to Clallam County PUD for power lines.
1969	DNR Records - Deeds	Subject Property	Easement issued to Bonneville Power Administration.
1972	DNR Records - Deeds and Property Title Search	Subject Property	Patent deed between the U.S. Bureau of Land Management and the State of Washington, referencing the 1889 transfer.
1972	DNR Records - Deeds	Subject Property	Surface water rights for Dungeness River water documented with Department of Ecology.
1972	DNR Records - Deeds	Subject Property	Easement to Eureka Irrigation Company.
1974	DNR Records - Water Rights	Subject Property	Surface water rights claim submitted by DNR to the Department of Ecology.
Mid 1970s	Interview - M. Cronin	Subject Property	Mike Cronin managed the River Road properties on behalf of DNR between the mid 1970s and about 2004. Grazing activities occurred during the early history of the property within the timber areas, but ceased during the 1970s.
1975	Historical Aerial Photo	Subject Property and Vicinity	Property is vacant except for power line right-of-way and irrigation ditches. Timber on the main western parcel appears young. Properties to the northwest are vacant. Houses are present to the northwest below the Property. House and barn structures are visible to the southwest of the Property along the Dungeness River.
1978-79	Historical USGS Map	Subject Property and Vicinity	Map shows same information as the 1975 aerial photograph.
1985	Historical Aerial Photo	Subject Property and Vicinity	Property remains vacant except for the power line right-of-way and irrigation ditches. Property appears the same as in 1975, except that the timber appears more mature. Additional houses have been developed to the northwest below the Property. House and barn structures remain visible to the southwest of the Property along the Dungeness River.
1985	Historical USGS Map	Subject Property and Vicinity	Property is vacant, except for irrigation ditches and power line right-of-way.
1985 & 1986	DNR Records - Deeds	Subject Property	Easements to Clallam County for roadway improvements.
1994	Historical Aerial Photo	Subject Property and Vicinity	Property appears vacant. Timber is more mature than previous photographs for the portion of the Property west of River Road. The timber on the portions of the Property east of River Road has been recently harvested.
2004	Interview - M. Benner	Subject Property	Mark Benner assumes management of the River Road properties on behalf of DNR.
2008	DNR Records - Water Rights	Subject Property	Letter documents DNR's shares of the Sequim Prairie Tri-County Irrigation Association (formerly Eureka irrigating company).
2014	Historical Aerial Photo	Subject property and Vicinity	The Property remains vacant. Recent timber harvesting has occurred in the central portion of the Property located west of River Road. Timber The gravel pit located within the power line right-of-way is visible (not visible in previous photographs).
2014	DNR Timber Sale Records	Subject Property	SEPA review and permitting conducted for timber sale. Presence of "debris scatter" noted in northern portion of property. Presence of Old Sequim Dump noted in southern portion of Property. Waste deposits located in leave-tree areas and not removed.
2015	DNR Timber Sale Records	Subject Property	Most recent timber sale conducted ("Happy Cat" sale).
2016	Anchor QEA Records	Subject Property	Dungeness off-stream reservoir project proposal developed in conjunction with the Washington Water Trust, the City of Sequim, the Dungeness Water Users Association, and the Clallam Conservation District.
2018	Interview - M. Benner	Subject Property	Mountain biking trails were developed at the Property.
2020	Anchor QEA Records	Subject Property	October 2020 site reconnaissance visit.

Notes:

Information summarized in this table was obtained from the records summarized in the body and appendices of the Phase 1 report, and from interviews as summarized in Section 6 of the report.

Figures



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Filepath: C:\Projects\Port Angeles\Clallam_County_143\ADungenessProperty\mxds\AQ_DungenessProperty_Fig1_PropertyVicinity.mxd

ANCHOR QEA

Figure 1
Property and Vicinity



ANCHOR QEA

Figure 2
Property Features



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Figure 3
Observations from Property Inspection









ANCHOR QEA

Figure 4

Photographs from Site Reconnaissance – Eastern Portion of the Property

Phase 1 Environmental Site Assessment

River Road Properties









ANCHOR QEA

Figure 5

Photographs from Site Reconnaissance – Northern Portion of the Property

Phase 1 Environmental Site Assessment
River Road Properties









ANCHOR QEA

Figure 6

Photographs from Site Reconnaissance – BPA Right-of-Way

Phase 1 Environmental Site Assessment

River Road Properties







ANCHOR QEA

Figure 7

Photographs from Site Reconnaissance – Southern Portion of Property

Phase 1 Environmental Site Assessment

River Road Properties









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Figure 8

Photographs from Site Reconnaissance – Old Sequim Dump Site

Phase 1 Environmental Site Assessment

River Road Properties









ANCHOR QEA

Figure 9

Photographs from Site Reconnaissance – River Front Areas (Western Portion of Property)

Phase 1 Environmental Site Assessment

River Road Properties

Appendix A
Anchor QEA Scope of Work

Appendix B
Site Maps

Appendix C
Aerial Photographs

Appendix D
Title Search

Appendix E
Well Logs and Geologic Information

Appendix F-1
DNR Property Records – Deeds and Property Use Information

Appendix F-2
DNR Property Records – Timber Sales and Associated Information

Appendix F-3
DNR Property Records – Water Rights

Appendix G
Database Search Findings

Appendix H
Qualifications of Preparer

Appendix A
Anchor QEA Scope of Work

Contract _____

PERSONAL SERVICES AGREEMENT

THIS AGREEMENT is entered into between CLALLAM COUNTY, a political subdivision of the State of Washington, (hereinafter called "County" or "Clallam County") and

Name: Anchor QEA, LLC
Address: 1201 Third Avenue, Suite 2600
Seattle, Washington 98101
Phone №: 206-287-9130

(hereinafter called "Contractor").

This Agreement is comprised of:

☒ Attachment A - Scope of Work

☒ Attachment B – Compensation

☒ Attachment C - General Conditions

☒ Attachment D - Special Terms and Conditions

☐ Attachment E (specify) –

copies of which are attached hereto and incorporated herein by this reference as if fully set forth.

The term of this Agreement shall commence on the 17th day of August 2020 and shall, unless terminated as provided elsewhere in the Agreement, terminate on the 30th day of November 2020.

IN WITNESS WHEREOF, the parties have executed this Agreement on this day of August 2020.

CONTRACTOR

_____

Print name: Mark Larsen

Title: Partner

Date: August 17, 2020

CLALLAM COUNTY OFFICIAL

_____

Print name: _____

Originals: BOCC
Vendor
Initiating Department
Copies: 1 with Contract Summary

THIS CONTRACT HAS BEEN APPROVED AS TO FORM BY THE CLALLAM COUNTY PROSECUTING ATTORNEY APPROVED AS MODIFIED BY DPA ALVAREZ ON AUGUST 10, 2020.

SCOPE OF WORK

Anchor QEA will develop a draft and final Phase 1 environmental site assessment (Phase 1 ESA) for the two properties (Clallam County Parcels 04303621000 and 043036130000) currently owned by the State of Washington Dep't of Natural Resources (DNR) and proposed for acquisition by the County for development of the Dungeness Off-Channel Reservoir.

The goal of the Phase 1 ESA is to identify whether there are recognized environmental conditions (hazardous materials or environmental contamination) on the property that could impact development of the storage project at the site. The Phase 1 ESA will be performed in accordance with ASTM Standards E1527-13 and E2247-16. The Phase 1 ESA will also meet the requirements for Environmental Audits from the Recreation and Conservation Office and applicable guidelines from the U.S. Environmental Protection Agency (EPA).

All work on the project will be performed under the direction of Mark Larsen, the designated Anchor QEA project manager.

The Phase 1 ESA will begin with a historical records review. This includes compilation and review of publicly available records documenting current property conditions and historical use of the property from the early 1900s to the present. The historical records review will include interviews with the current and prior DNR lands managers. Information that will be reviewed will, at a minimum, include the following:

- Historical maps for the property and vicinity
- Historical aerial photographs
- Clallam County property records
- A title search procured from a title company, which will be provided to the County
- Search of state, local, and federal environmental databases for references to environmental concerns, consistent with the requirements of ASTM E1527-13 and E2247-16
- Review of DNR forestry and land management records for the property
- Interviews with the current and former DNR lands managers

A preliminary map of areas of concern will be developed from the historical information prior to completion of the site inspection. For large partially forested properties, this is a necessary step to ensure that all suspect areas of the site are visited during the site inspection.

The preliminary GIS-based map will include a recent, high-quality aerial photograph and LiDAR topographic surface. Former logging roads, railroad grades, and other access points will be shown. Areas of potential concern (e.g., areas of fill or ground disturbance; reported disposal areas) will be loaded into the map based on available information.

The site inspection will be conducted by foot. The site assessor will utilize GIS Collector to field locate areas of concern and document observations made during the site inspection. This will ensure that any areas of potential contamination are appropriately mapped and photographed for future follow-up. Following the site inspection, the property map will be finalized.

Anchor QEA will prepare a report summarizing the findings of the Phase 1 ESA. As part of the report preparation, Anchor QEA will complete a Property Assessment Checklist. The report will document the methods used to perform the Phase 1 ESA, provide full documentation of the work completed and records reviewed, describe results of the Phase 1 ESA, present opinions concerning the likelihood of substantial contamination of soil and groundwater on the property, and provide Anchor QEA's professional recommendations.

A draft of the Phase 1 ESA report will be submitted to Clallam County for review in Microsoft Word and PDF format for review before finalizing the report. After review by Clallam County, the report will be finalized and submitted to the County. The final report will be provided as an electronic file (PDF format) that is reproducible, with up to two hard copies. The property map will be completed in GIS and will be provided in electronic format along with the Phase 1 ESA report.

Anchor QEA will coordinate the work with the County's project manager, Carol Creasey. Anchor QEA will coordinate the site visit and reconnaissance effort through Creasey and will involve Creasey, as desired, in interviews with DNR property managers and others knowledgeable about the site. While conducting the site inspection, Anchor QEA staff will have a copy of the DNR's approved Land Use License (License # 60-100921) and perform their work in compliance with the license.

The Phase 1 ESA will be initiated upon authorization of this agreement. The estimated time to produce the draft Phase 1 ESA report is 3-4 weeks following authorization. The final Phase 1 ESA report will be produced approximately 2 weeks following receipt of the County's comments on the draft. This timeline assumes that the work complies with any COVID-19 work restrictions that may be in place at that time.

Appendix B
Site Maps

Dungeness

RIVER RD

Sequim, WA 98382

Inquiry Number: 6192668.4

September 16, 2020

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

09/16/20

Site Name:	Client Name:
Dungeness	Anchor QEA of North Carolina, PLLC
RIVER RD	231 Haywood St.
Sequim, WA 98382	Asheville, NC 28801
EDR Inquiry # 6192668.4	Contact: Nikole Stout

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Anchor QEA of North Carolina, PLLC were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	201439-01.01	**Latitude:**	48.050668 48° 3' 2" North
Project:	Dungeness Off-Channel Res	**Longitude:**	-123.14035 -123° 8' 25" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	489540.78
		UTM Y Meters:	5321941.31
		Elevation:	423.00' above sea level

Maps Provided:

2014
1985
1978, 1979
1956
1939
1938
1937

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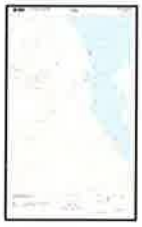
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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2014 Source Sheets



Sequim

7.5-minute, 24000



Carlsborg

7.5-minute, 24000

1985 Source Sheets



Carlsborg

7.5-minute, 24000
Aerial Photo Revised 1981



Sequim

7.5-minute, 24000
Aerial Photo Revised 1981

1978, 1979 Source Sheets



Carlsborg

7.5-minute, 24000
Aerial Photo Revised 1976



Sequim

7.5-minute, 24000
Aerial Photo Revised 1976

1956 Source Sheets



Sequim

7.5-minute, 24000
Aerial Photo Revised 1954



Carlsborg

7.5-minute, 24000
Aerial Photo Revised 1954

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1939 Source Sheets



Dungeness

15-minute, 62500
Aerial Photo Revised 1938

1938 Source Sheets



Dungeness

15-minute, 62500
Aerial Photo Revised 1938

1937 Source Sheets

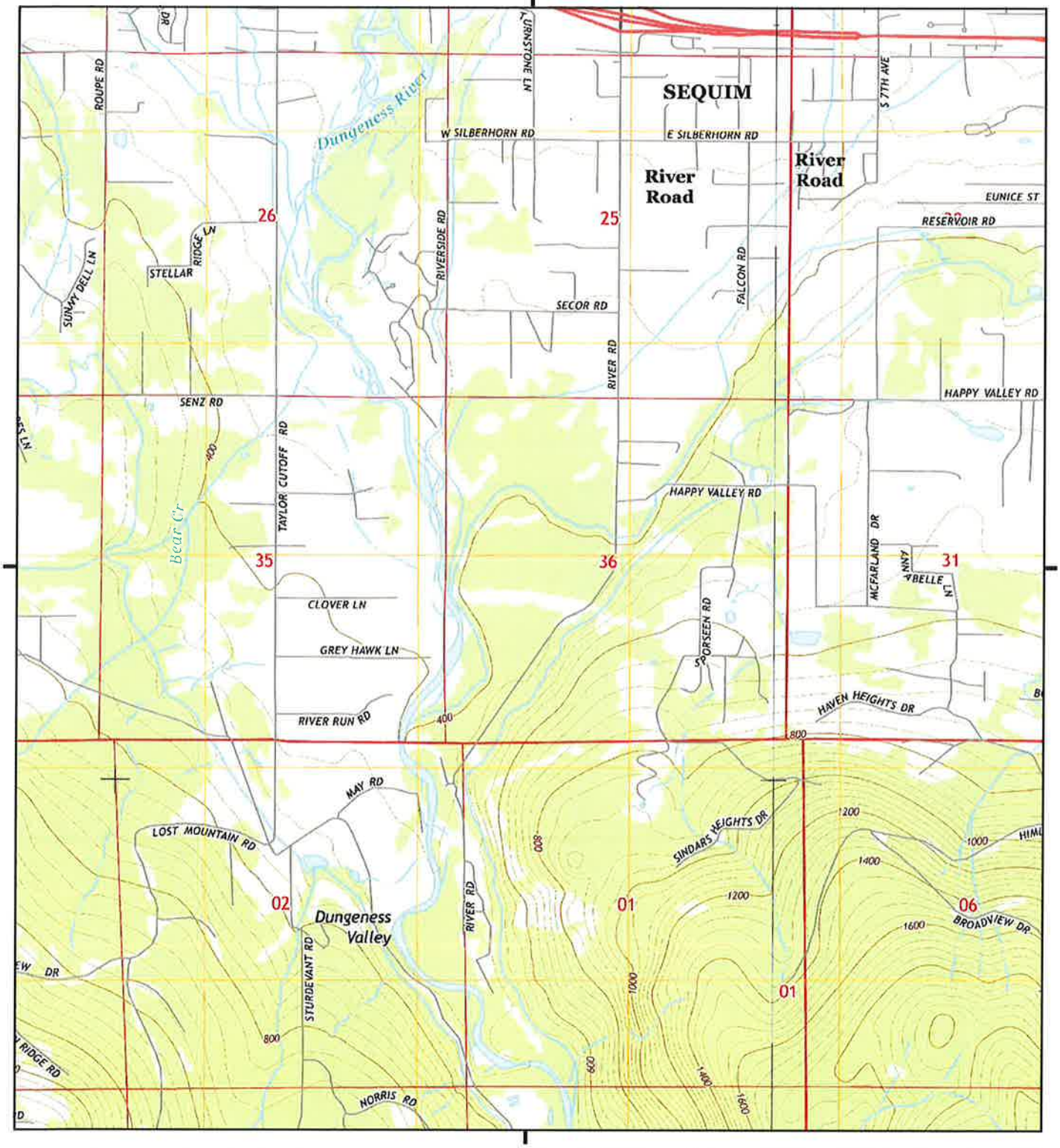


DUNGENESS

15-minute, 50000

Historical Topo Map

2014



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W E
SW S SE

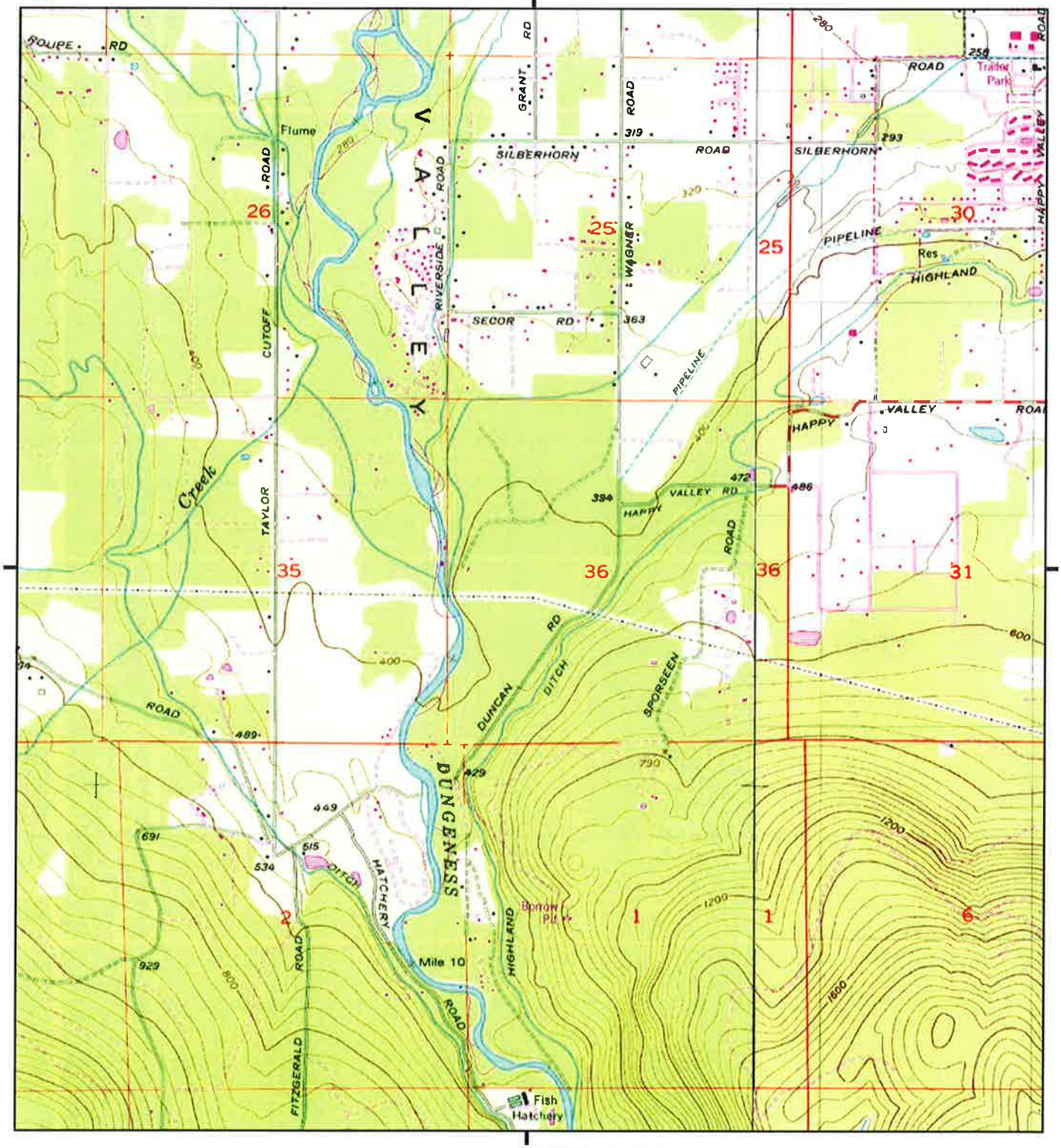
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E, Sequim, 2014, 7.5-minute

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ADDRESS: RIVER RD
Sequim, WA 98382
CLIENT: Anchor QEA of North Carolina, PLLC

N

Historical Topo Map

1985



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W E
SW S SE

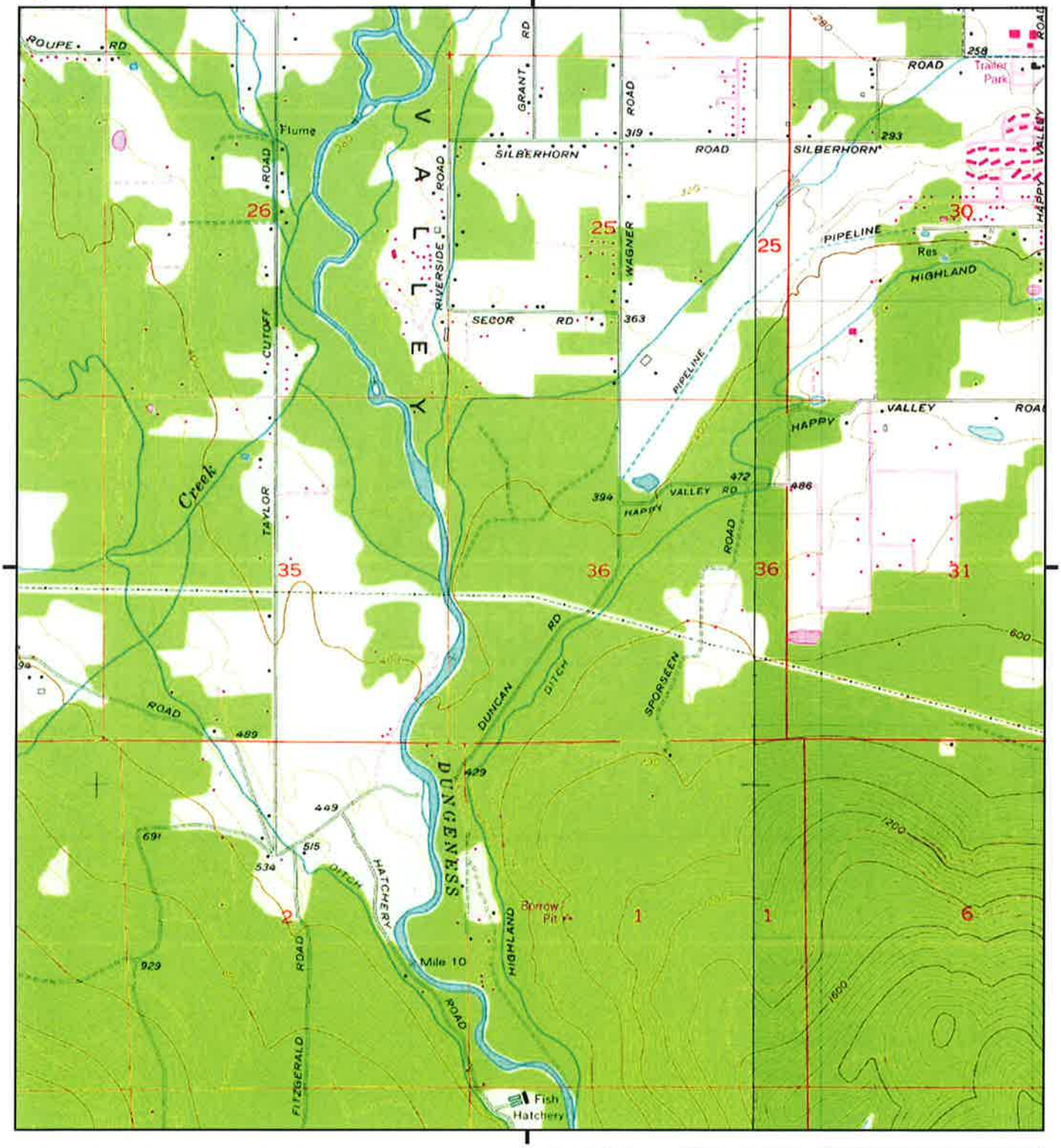
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E, Sequim, 1985, 7.5-minute

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ADDRESS: RIVER RD
Sequim, WA 98382
CLIENT: Anchor QEA of North Carolina, PLLC

N

Historical Topo Map

1978, 1979



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W E
SW S SE

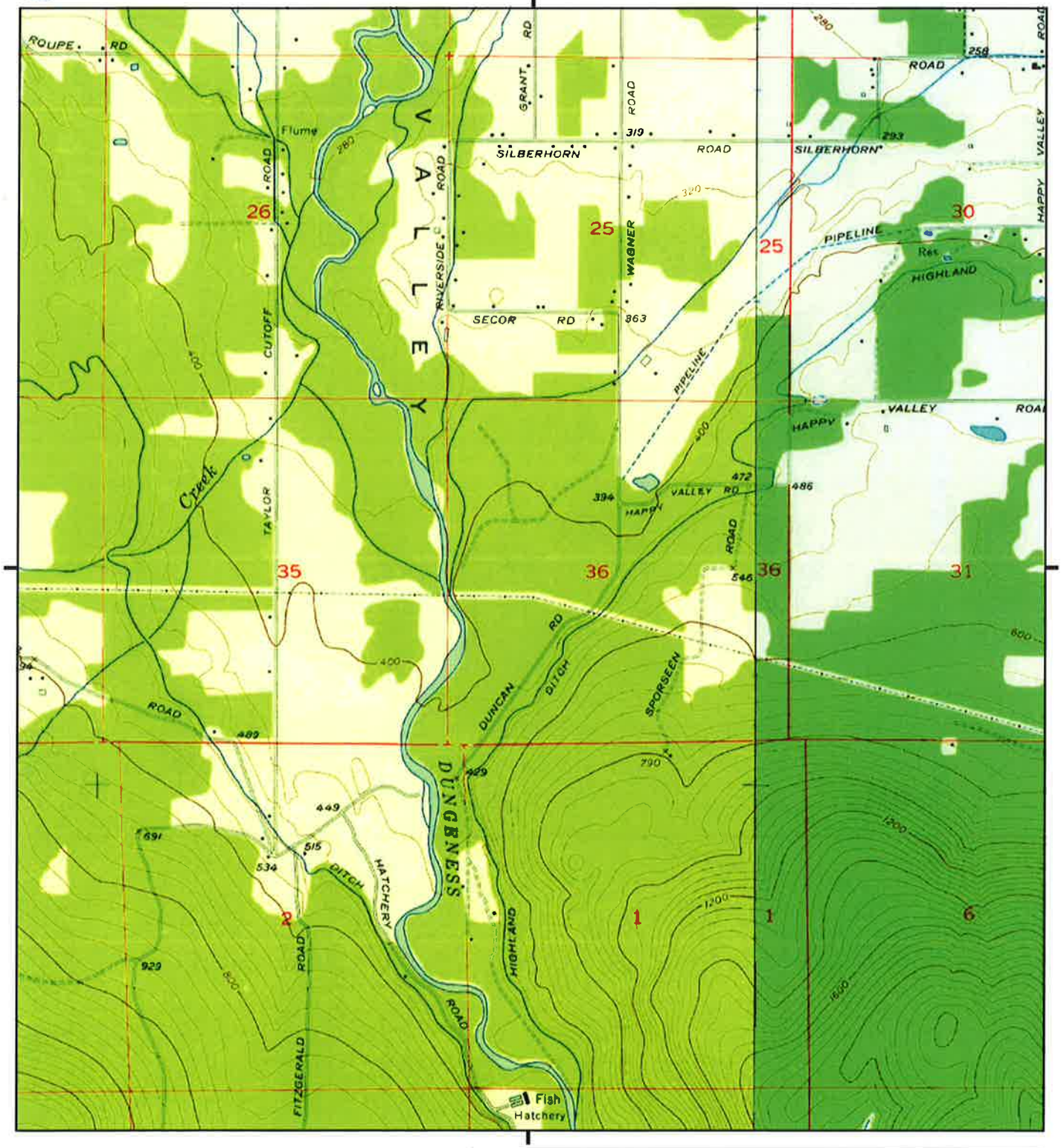
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ADDRESS: RIVER RD
Sequim, WA 98382
CLIENT: Anchor QEA of North Carolina, PLLC

N

Historical Topo Map

1956



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W E
SW S SE

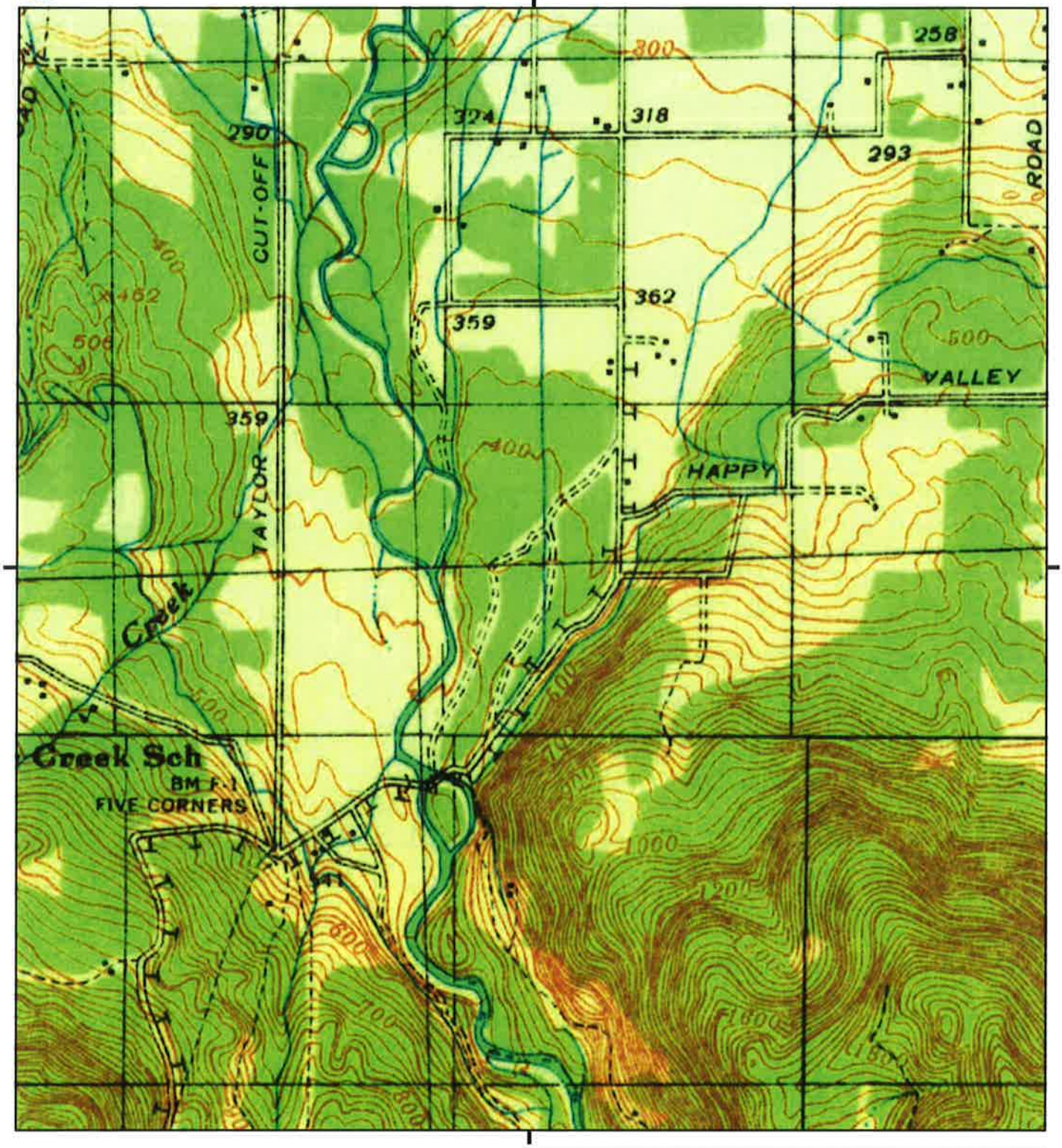
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E, Sequim, 1956, 7.5-minute

SITE NAME: Dungeness
ADDRESS: RIVER RD
Sequim, WA 98382
CLIENT: Anchor QEA of North Carolina, PLLC

N

Historical Topo Map

1939



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

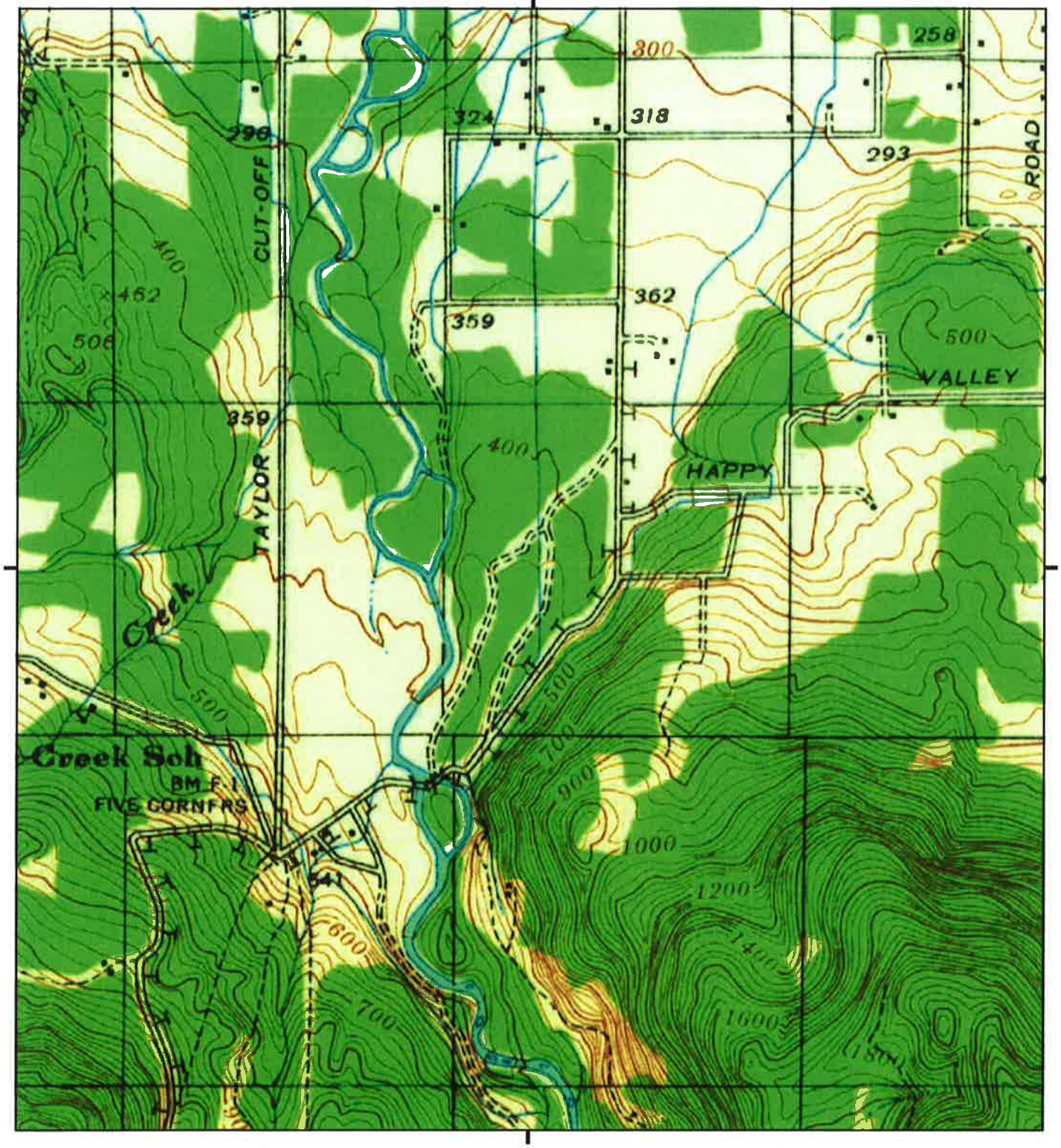
TP, Dungeness, 1939, 15-minute

SITE NAME: Dungeness
ADDRESS: RIVER RD
Sequim, WA 98382
CLIENT: Anchor QEA of North Carolina, PLLC

N

Historical Topo Map

1938



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

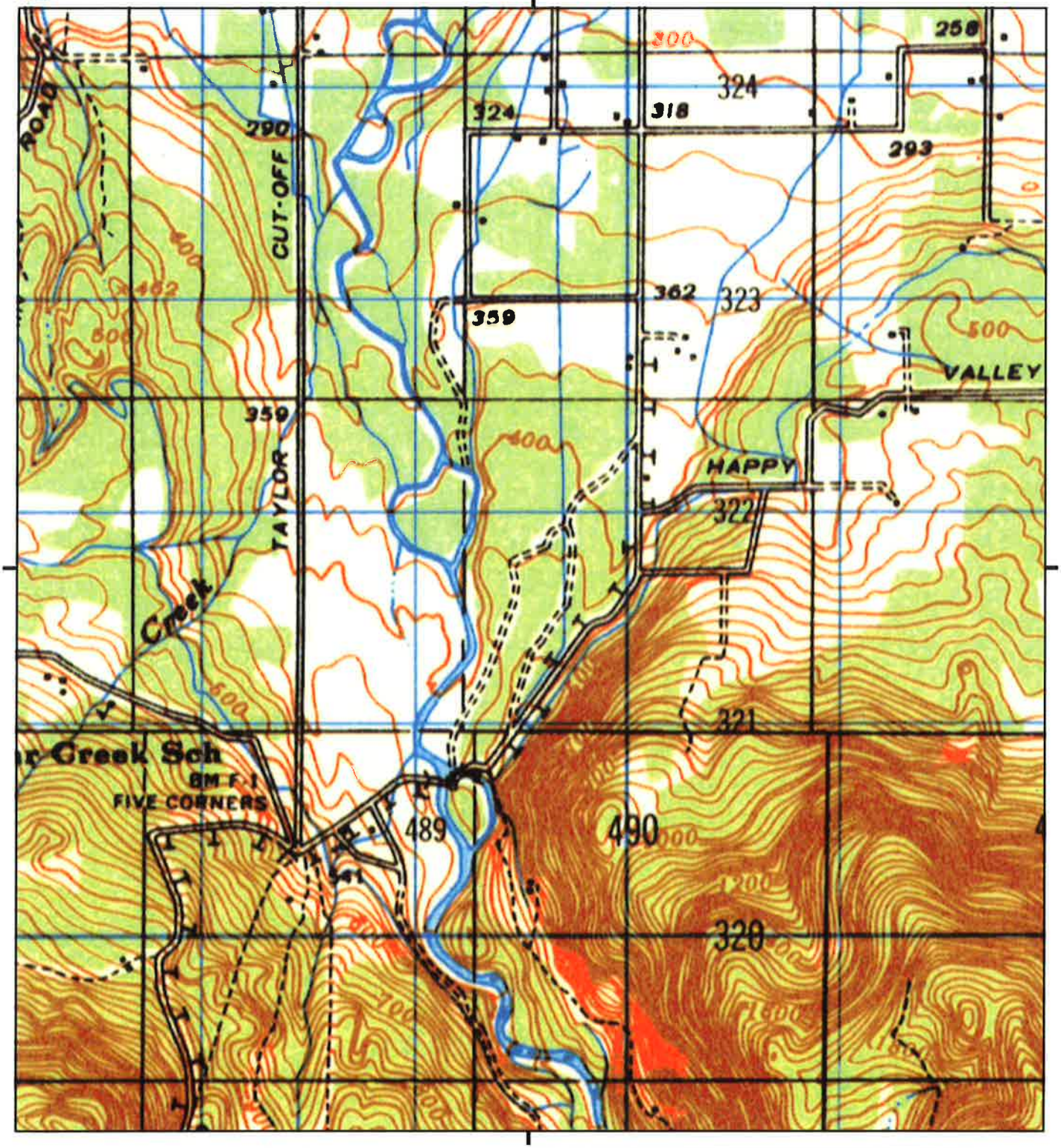
TP, Dungeness, 1938, 15-minute

SITE NAME: Dungeness
ADDRESS: RIVER RD
Sequim, WA 98382
CLIENT: Anchor QEA of North Carolina, PLLC

N

Historical Topo Map

1937



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, DUNGENESS, 1937, 15-minute

SITE NAME: Dungeness
ADDRESS: RIVER RD
Sequim, WA 98382
CLIENT: Anchor QEA of North Carolina, PLLC

N

KROLL'S ATLAS OF CLALLAM COUNTY, WASH.

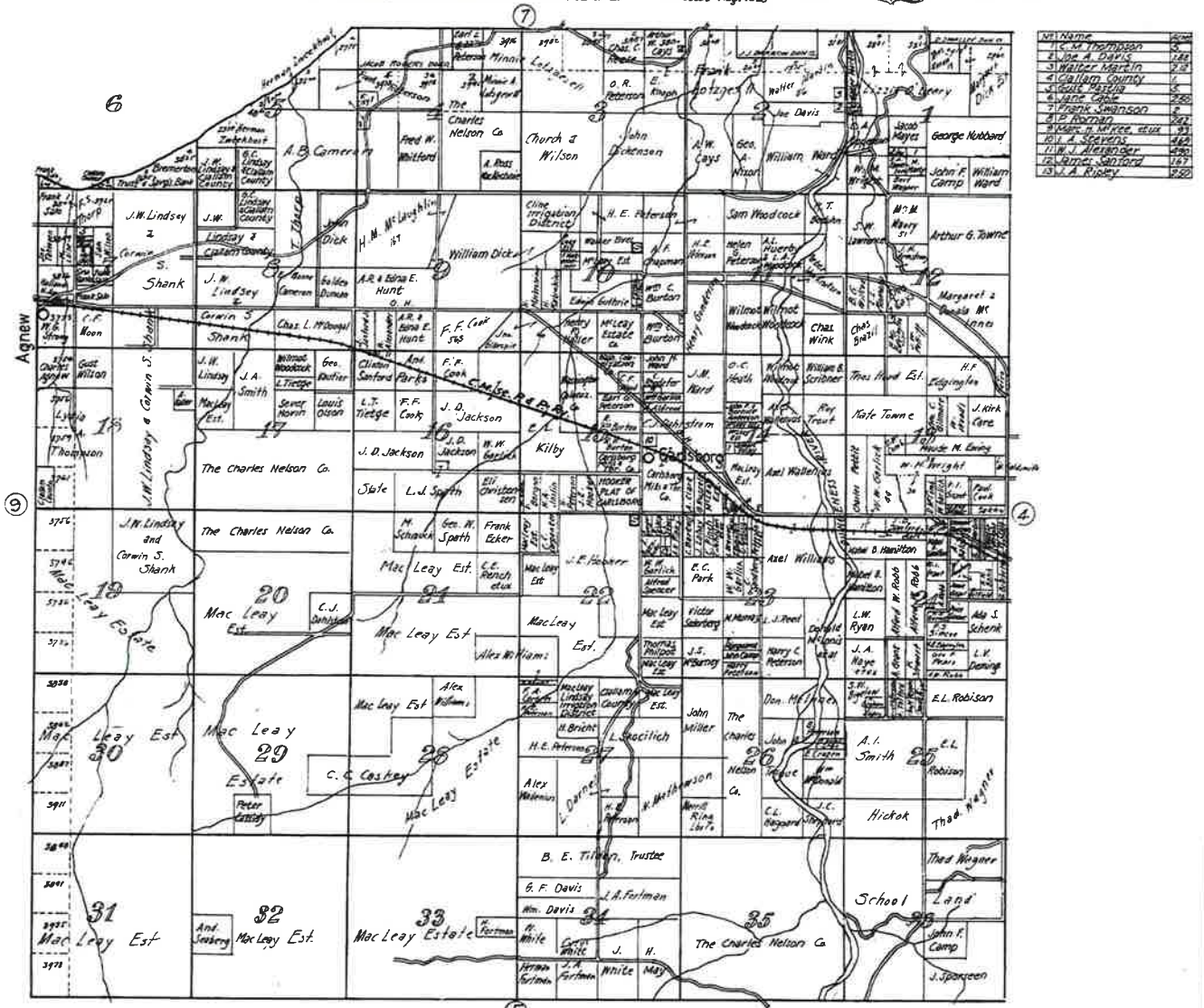
T. 30 N. R 4 W

SCALE 2" 1 MILE KROLL MAP CO., 413-14-15 MEHLHORN BLDG., SEATTLE Corrected Aug. 1928

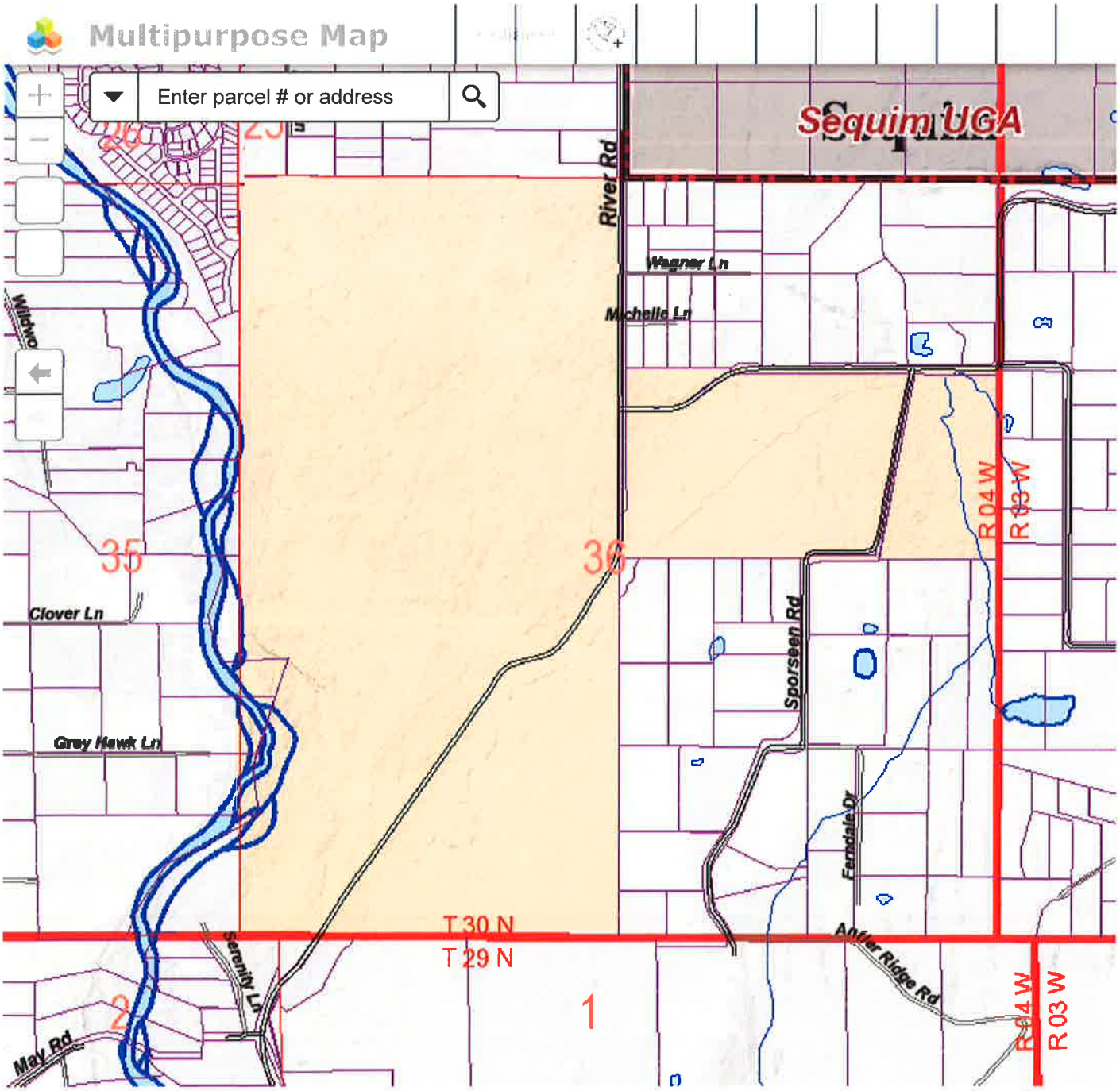
LEGEND

County Road
Railway - Steam
- Elect
Trail
Town Limits
River
School
Church
Cemetery
Sec. Lot No
Section No

6



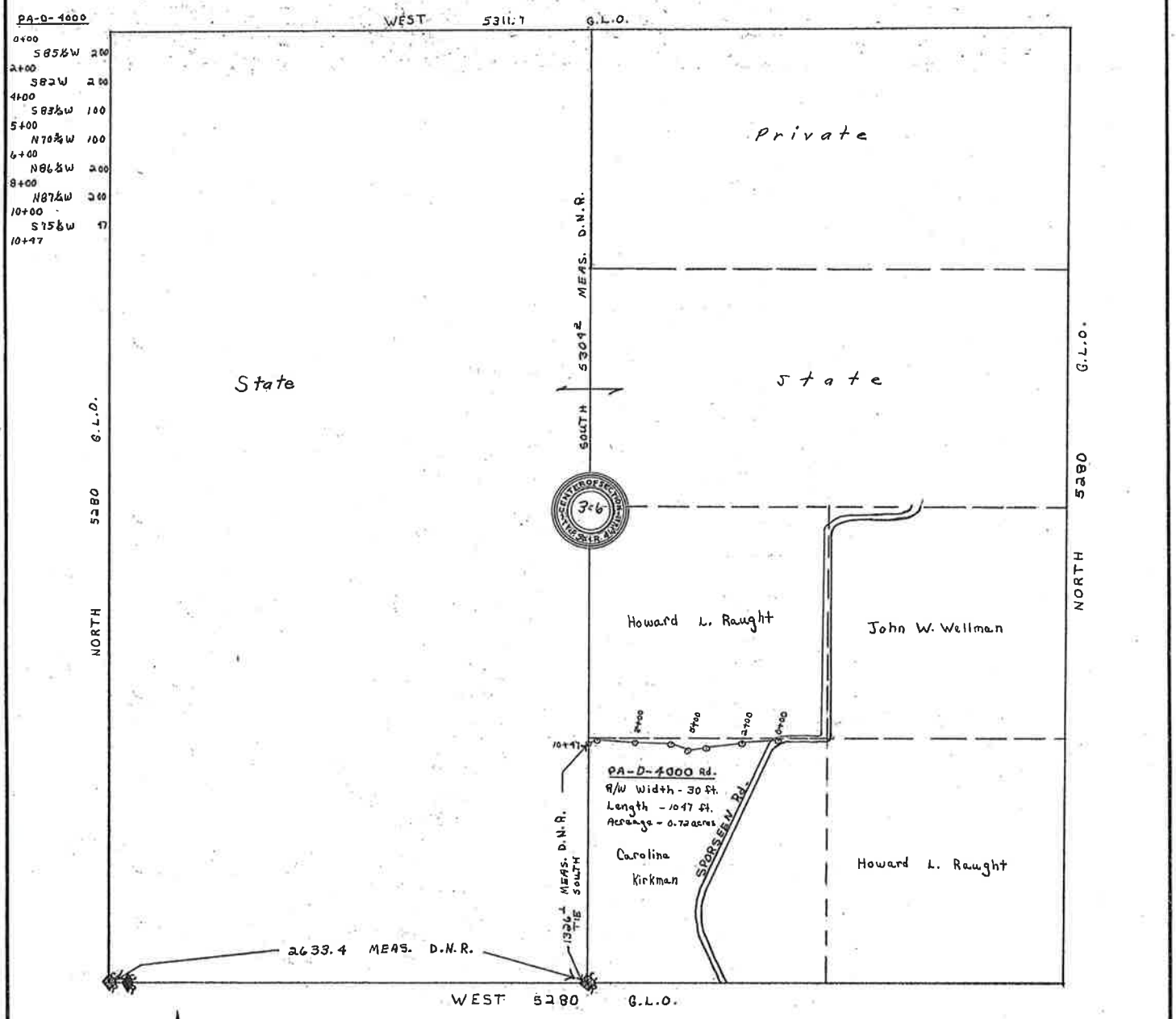
No	Name	Acres
1	C. A. Thomason	5
2	Joe A. Davis	120
3	Walter Martin	2.5
4	Clallam County	6
5	Pete Petrina	6
6	Wm. Cole	2.50
7	Frank Swanson	2
8	P. Forman	2.5
9	Mary A. McKee, etux	93
10	J. A. Stevens	46
11	W. J. Alexander	4.90
12	Linder Sanford	1.67
13	J. A. Ripley	9.90



0 500 1000ft

-123.0956 48.0568 Degrees

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
RIGHT OF WAY PLAT
PA-D-4000 ROAD
SEC. 36 T. 30 N. R. 4W. W.M.
CLALLAM COUNTY WASH.
SCALE 1 IN. = 400 FT.



DECLINATION 23°

TRAVERSED BY: J. SWIFT, G. ELLIS

DRAWN BY: G. ELLIS

DATE DEC. 2, 1968

APPLICATION NUMBER _____

MC

I, WILLIAM G. MURDOCK, SUPERVISOR OF FOREST ENGINEERING, DO HEREBY CERTIFY THAT THIS MAP ACCURATELY REPRESENTS THE LOCATION OF SAID ACCESS ROAD ACROSS SECTION 36 TOWNSHIP 30 NORTH, RANGE 4W WILLAMETTE MERIDIAN

William G. Murdock
SUPERVISOR OF FOREST ENGINEERING

VPB EZ-N

Dungeness

RIVER RD

Sequim, WA 98382

Inquiry Number: 6192668.3

September 16, 2020

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/16/20

Site Name:

Dungeness
RIVER RD
Sequim, WA 98382
EDR Inquiry # 6192668.3

Client Name:

Anchor QEA of North Carolina, PLLC
231 Haywood St.
Asheville, NC 28801
Contact: Nikole Stout

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Anchor QEA of North Carolina, PLLC were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 7400-45D2-9DDD

PO # 201439-01.01

Project Dungeness Off-Channel Res

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 7400-45D2-9DDD

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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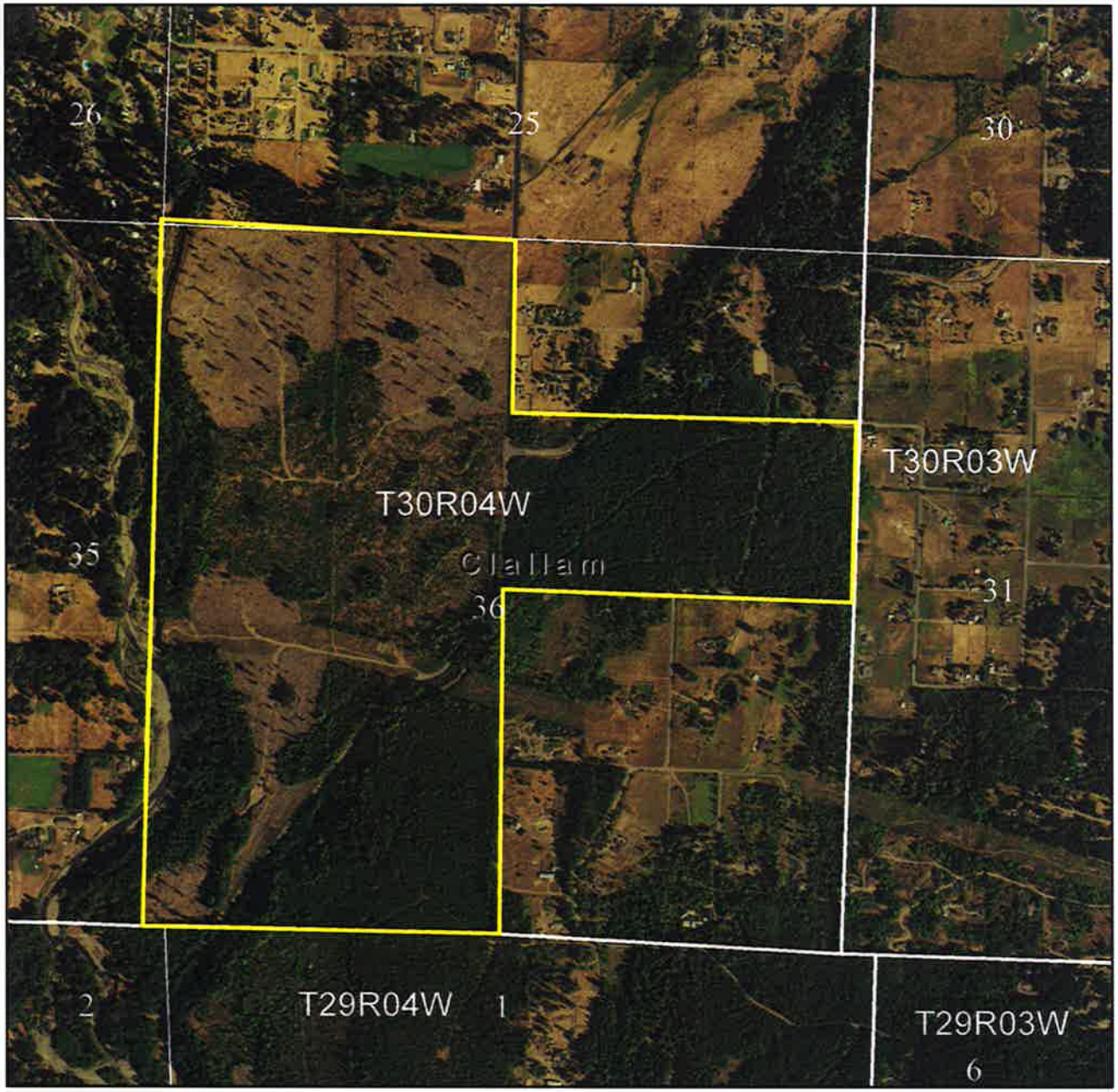
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River Road Transfer

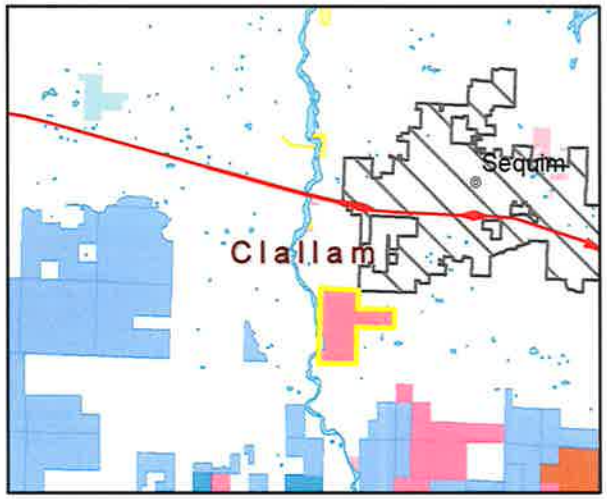
Clallam County

Ortho



Legend

- River Road Parcel
- Public Land Survey Sections
- Public Land Survey Townships



WASHINGTON STATE DEPT OF NATURAL RESOURCES

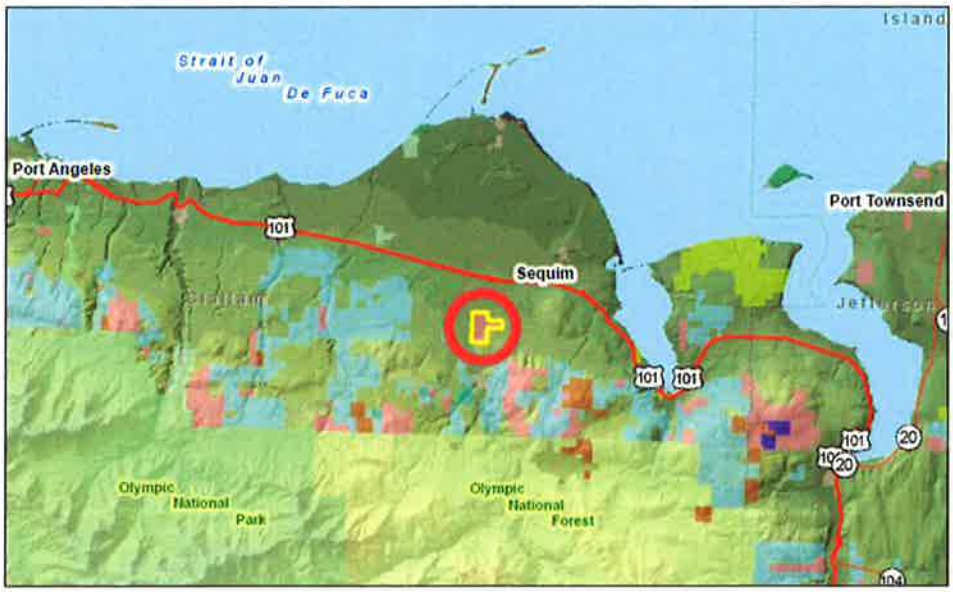
N

0 0.1 0.2 0.4 0.6 Miles

Disclaimer: Extreme care was used during the compilation of this map to ensure accuracy. However, due to changes in ownership and the need to rely on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions, and, therefore, there are no warranties which accompany this material.

Created by: Micki McCulloch, CRT Division Date: 3/25/2019

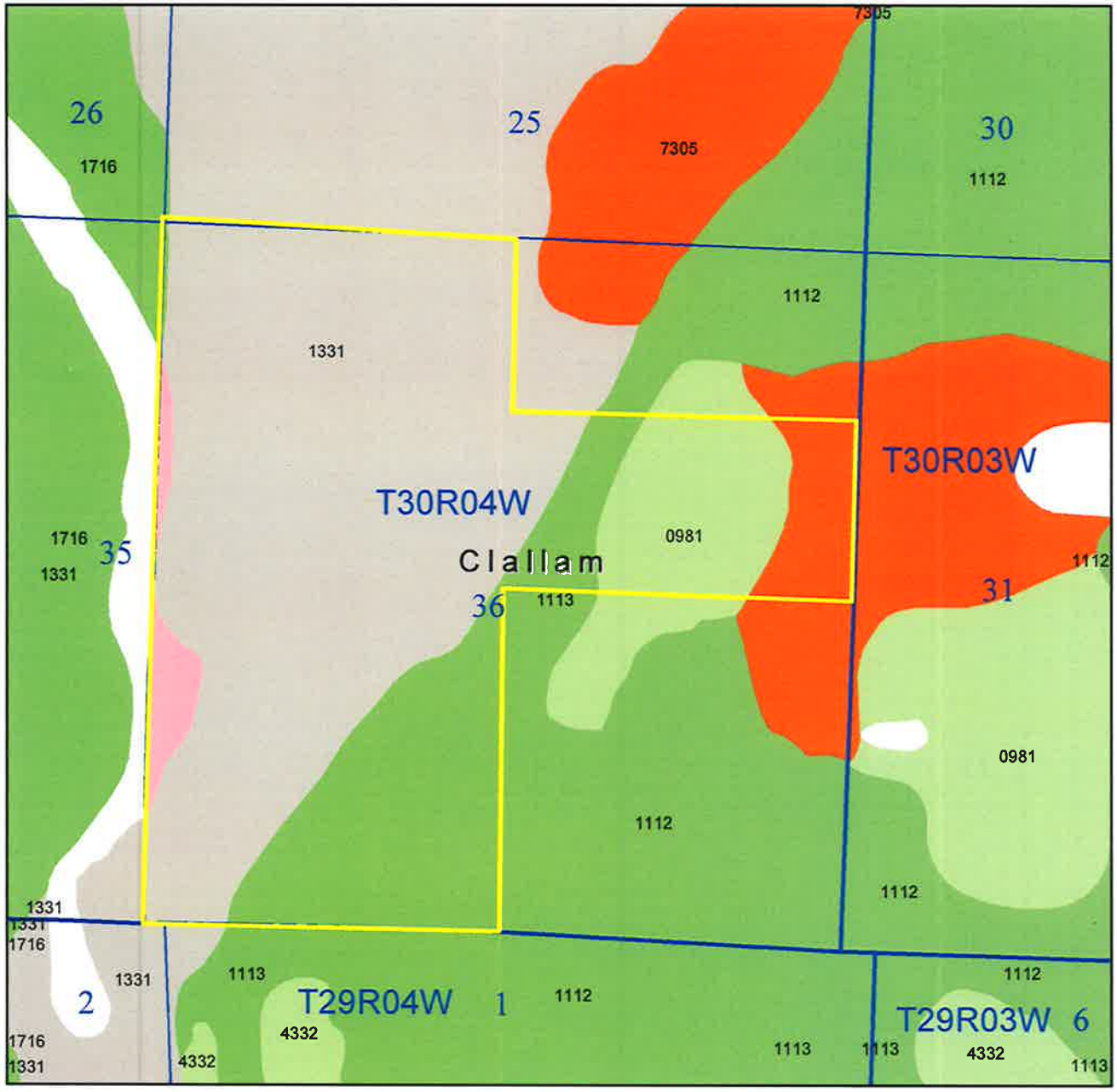
State of Washington
Department of Natural Resources
HAPPY VALLEY PROPOSED LAND EXCHANGE



River Road Transfer

Clallam County

Site Class



Legend

- River Road Parcel

Soils - Site Index - Westside Red Alder

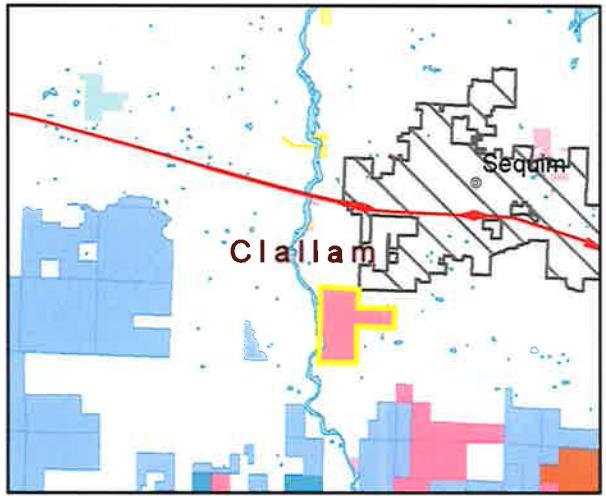
- Class III

Soils - Site Index - Westside Douglas Fir

- Class III
- Class IV
- Class V

DNR-Managed Lands by Surface Trust

- Common School (3)



WASHINGTON STATE DEPT OF NATURAL RESOURCES

N

0 0.1 0.2 0.4 0.6 Miles

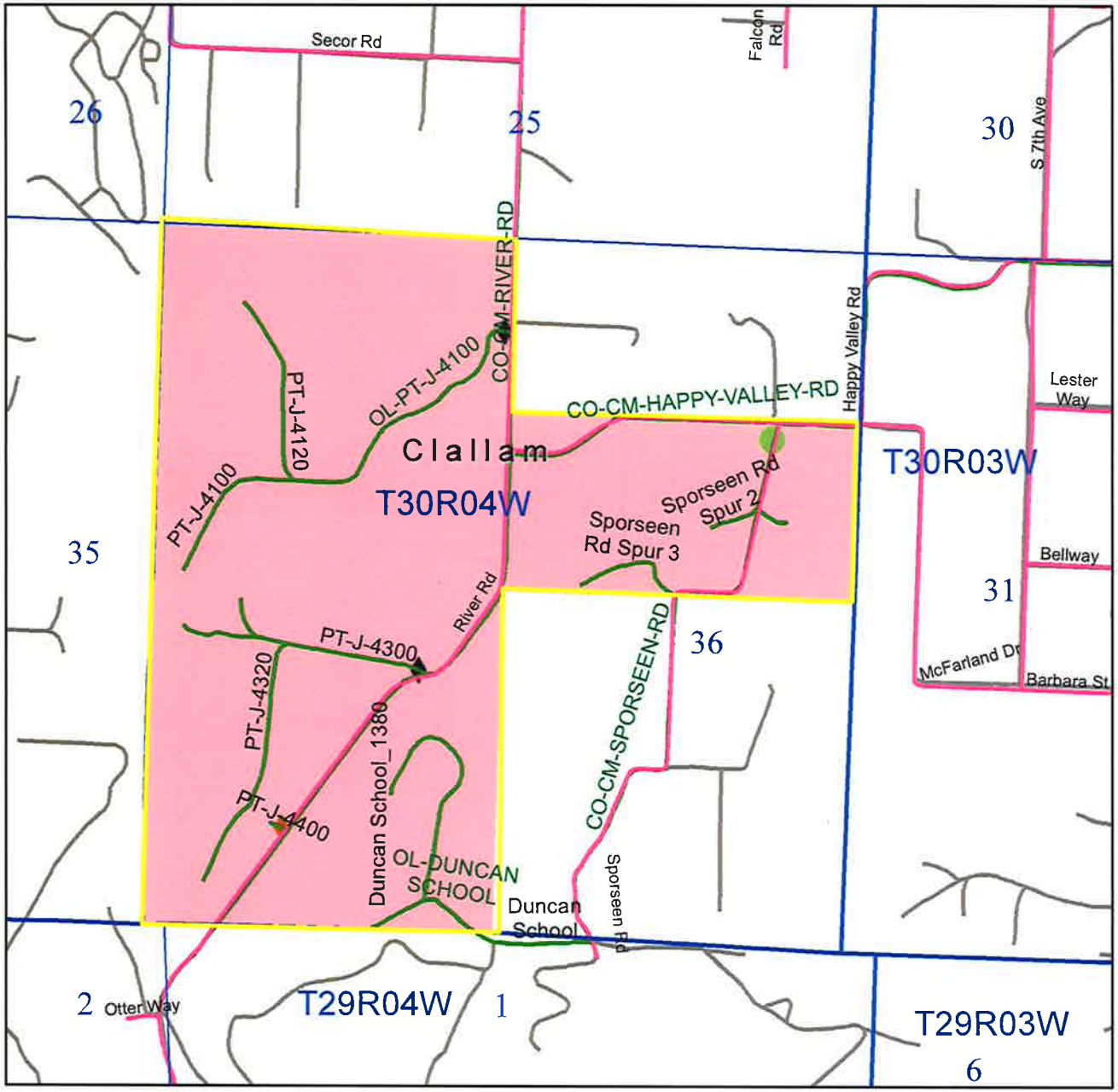
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Created by: Micki McCulloch, CRT Division Date: 3/25/2019

River Road Transfer

Clallam County

Transportation



Legend

- River Road Parcel
- County Roads from DOT

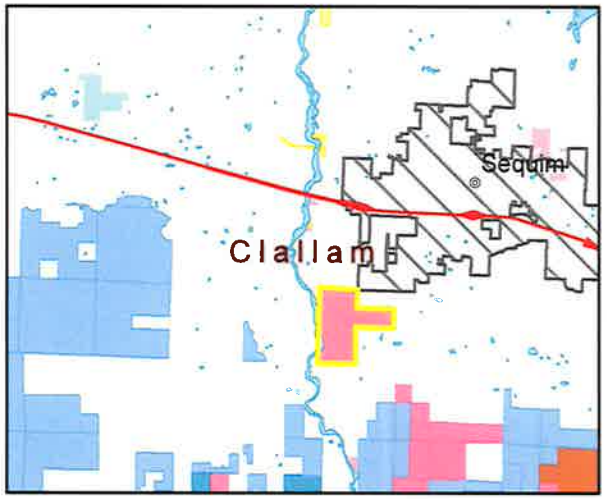
DNR-Managed Lands by Surface Trust

- Common School (3)

State Lands - Roads by Activity Status

Road Status

- 1:
- 3 Decommisioned
- 9: Unknown



WASHINGTON STATE DEPT OF NATURAL RESOURCES

N

0 0.1 0.2 0.4 0.6 Miles

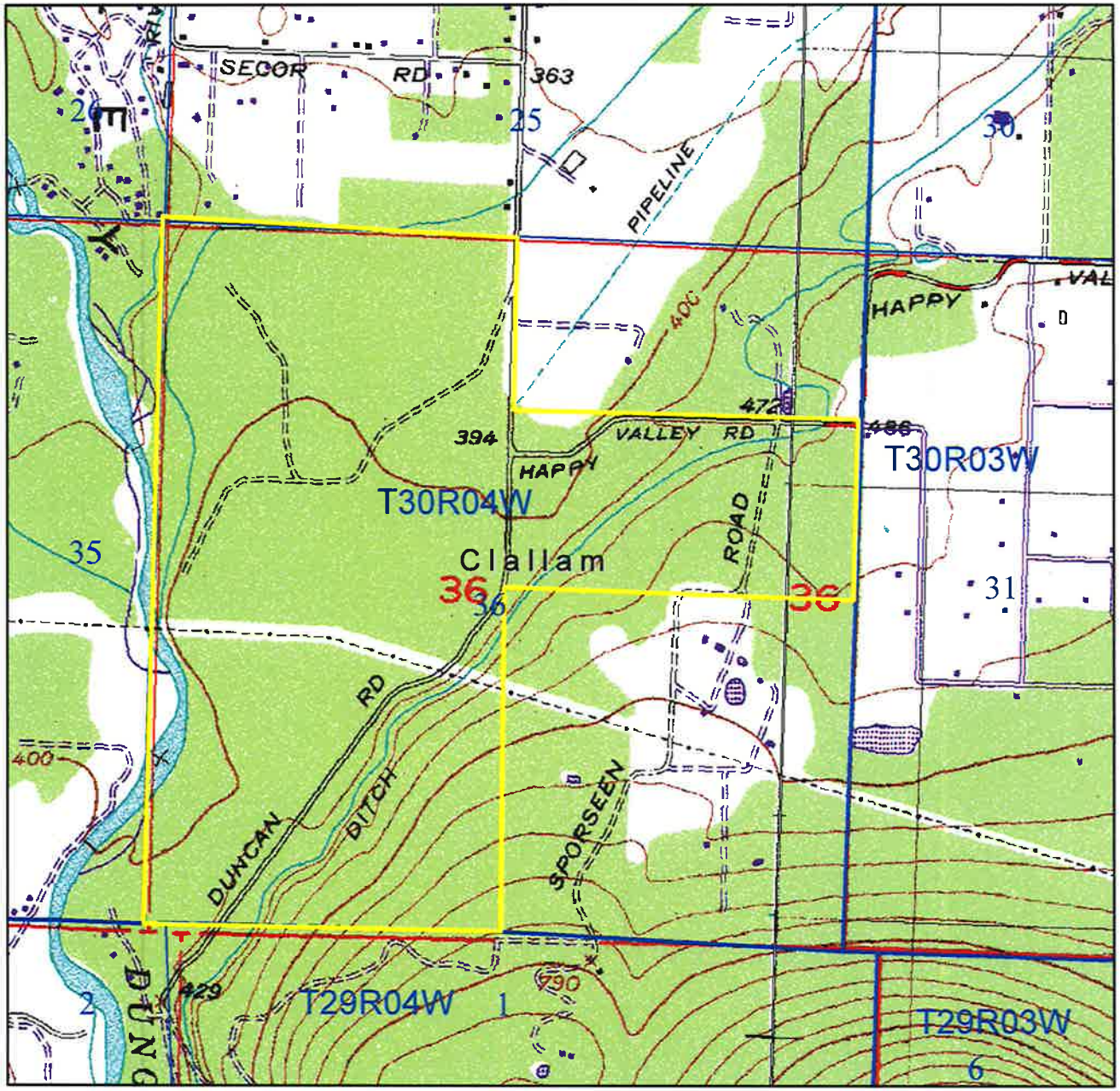
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Created by: Micki McCulloch, CRT Division Date: 3/25/2019

River Road Transfer

Clallam County

USGS

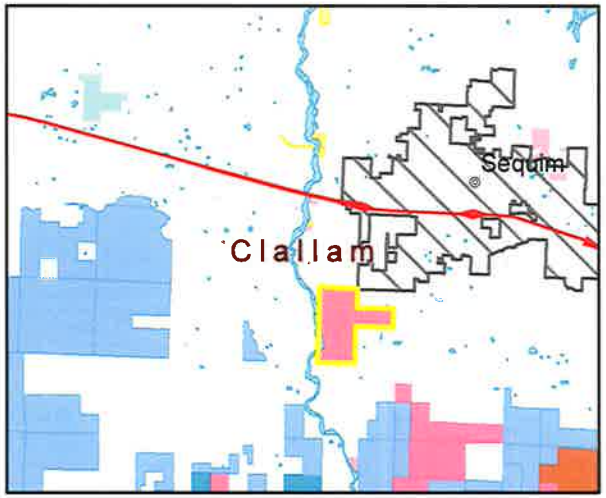


Legend

River Road Parcel

DNR-Managed Lands by Surface Trust

Common School (3)



WASHINGTON STATE DEPT OF NATURAL RESOURCES

N

0 0.1 0.2 0.4 0.6 Miles

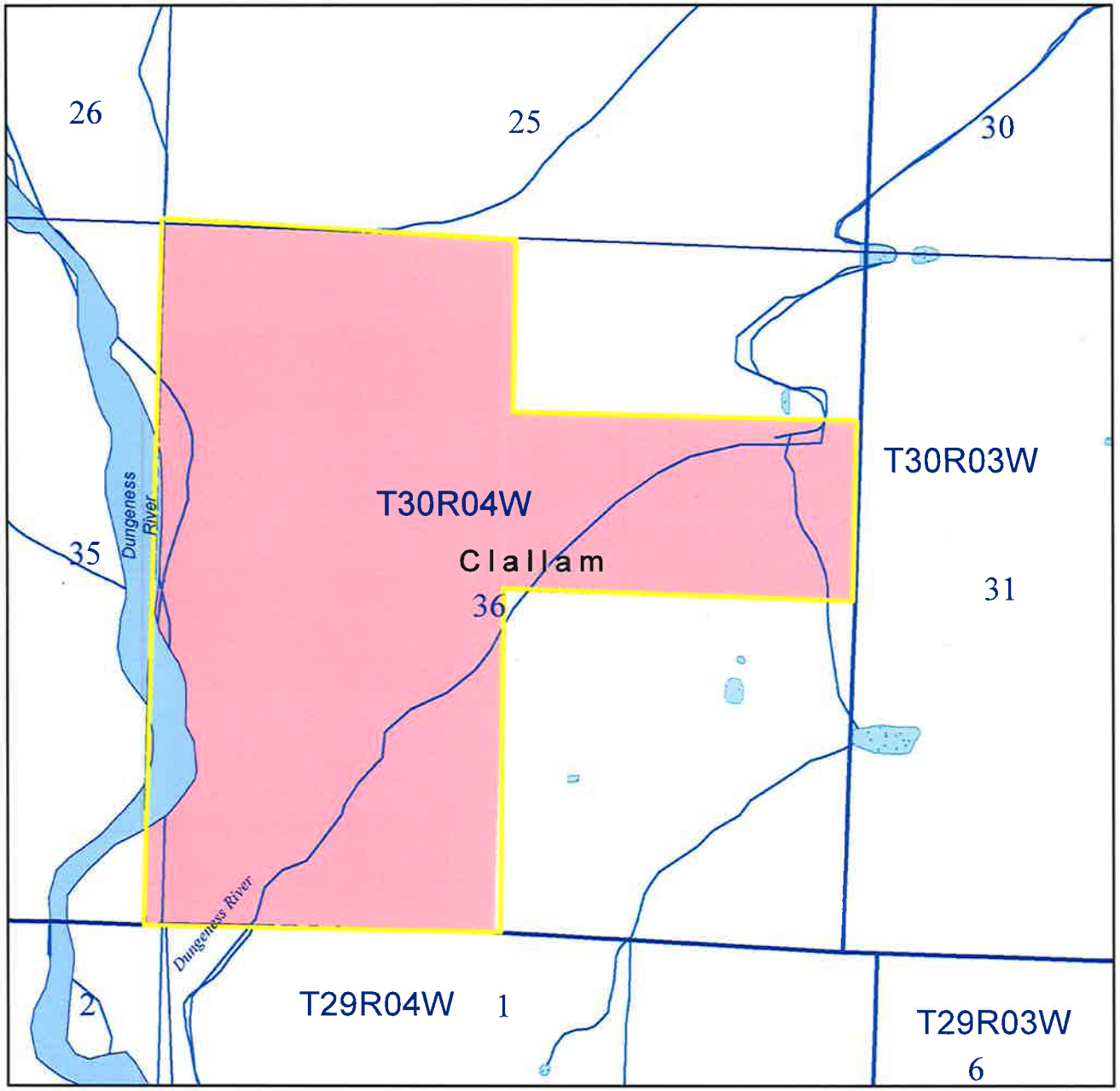
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River Road Transfer

Clallam County

Water Bodies & Streams

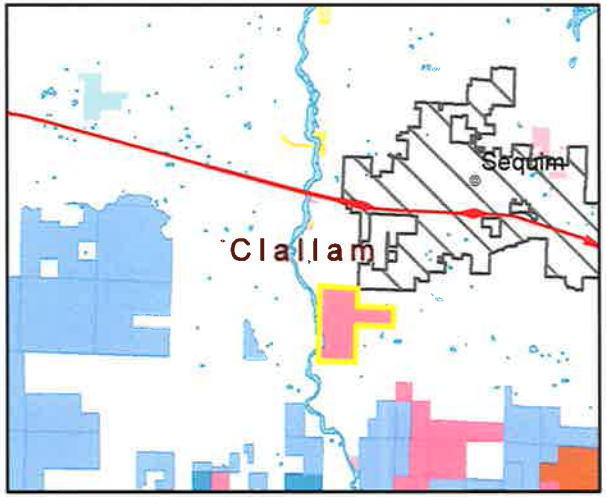


Legend

- River Road Parcel
- Type 1
- Open Freshwater
- Watercourse
- Water body interior line
- Streams (DOT)
- Streams (WDFW's 100,000-Scale)

DNR-Managed Lands by Surface Trust

- Common School (3)



WASHINGTON STATE DEPT OF NATURAL RESOURCES

N

0 0.1 0.2 0.4 0.6 Miles

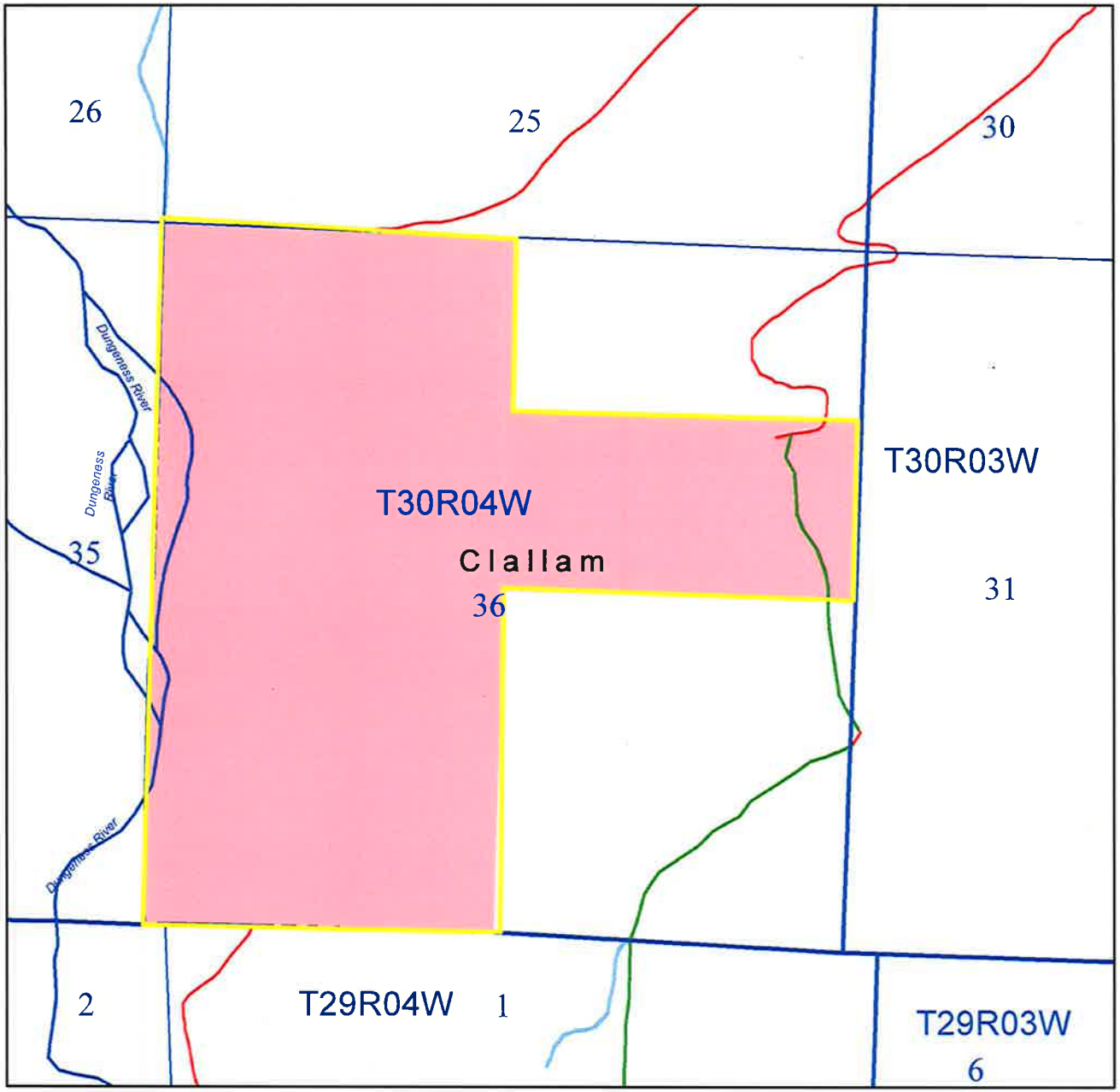
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River Road Transfer

Clallam County

Water Types

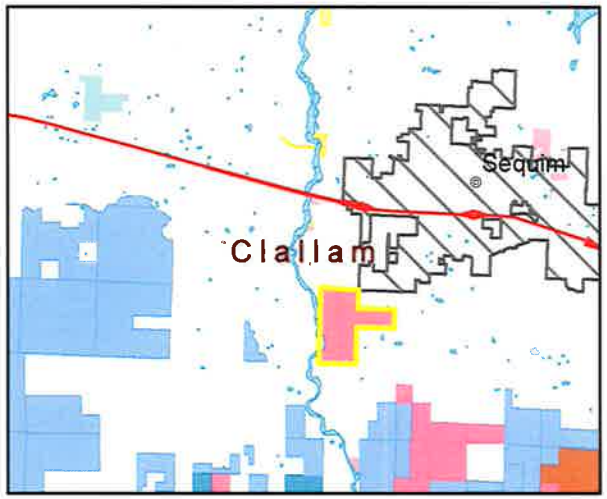


Legend

- River Road Parcel
- Type F
- Type N
- Type S
- U, unknown

DNR-Managed Lands by Surface Trust

- Common School (3)



WASHINGTON STATE DEPT OF NATURAL RESOURCES

N

0 0.1 0.2 0.4 0.6 Miles

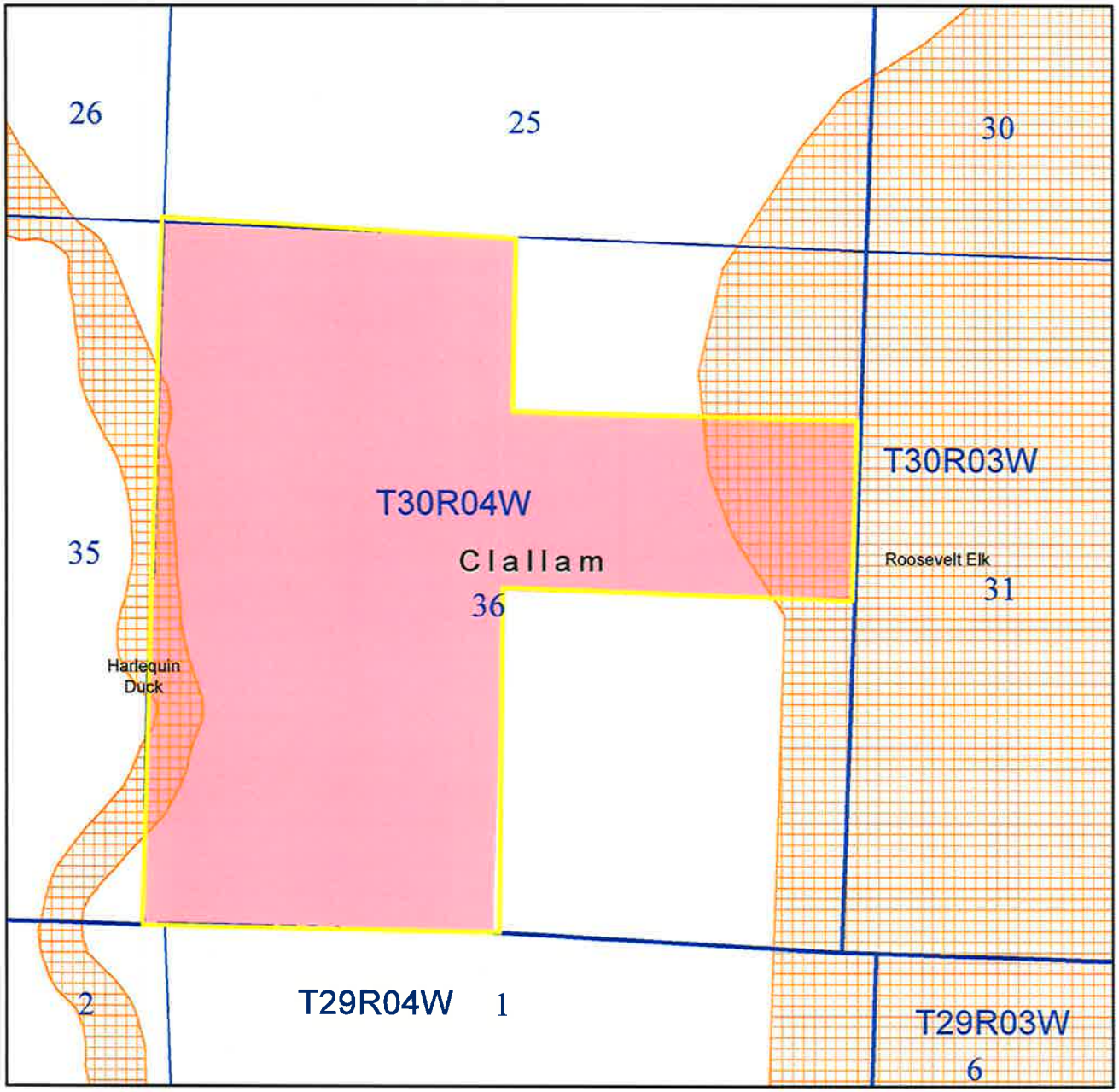
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River Road Transfer

Clallam County

WDFW Habitat



CONFIDENTIAL

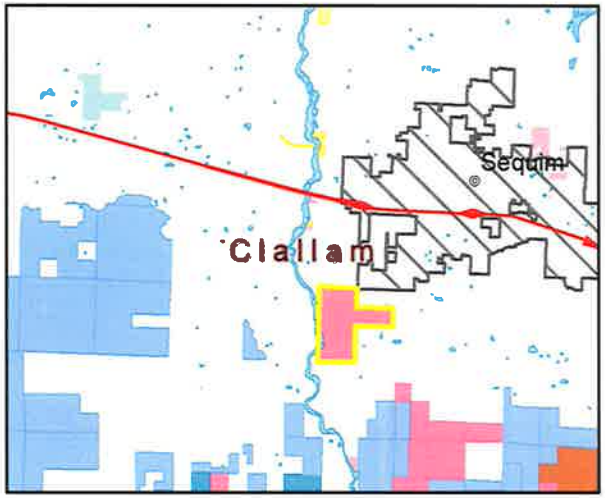
Please carefully guard these materials. They may not be photocopied, traced onto other maps, shared, or displayed at public meetings. They should be kept in a secure location and destroyed when no longer needed. Land owner contact information, priority habitat and species locations, and non-game Heritage database information are all sensitive data that DNR must protect.

Legend

- River Road Parcel
- **WDFW - Priority Species**

DNR-Managed Lands by Surface Trust

- Common School (3)



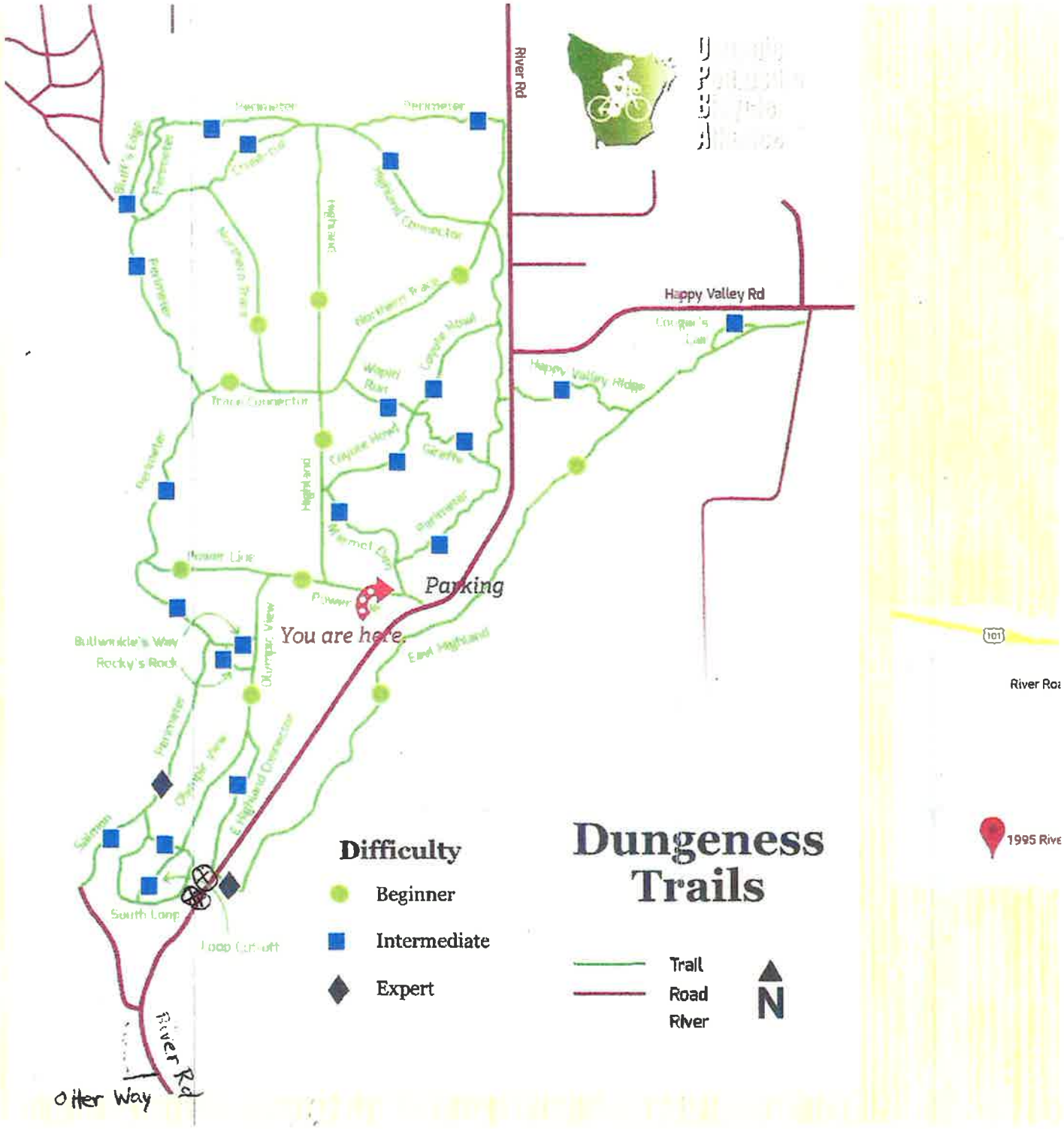
WASHINGTON STATE DEPT OF NATURAL RESOURCES

N

0 0.1 0.2 0.4 0.6 Miles

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Created by: Micki McCulloch, CRT Division Date: 3/25/2019



⑥ Park near power line crossing

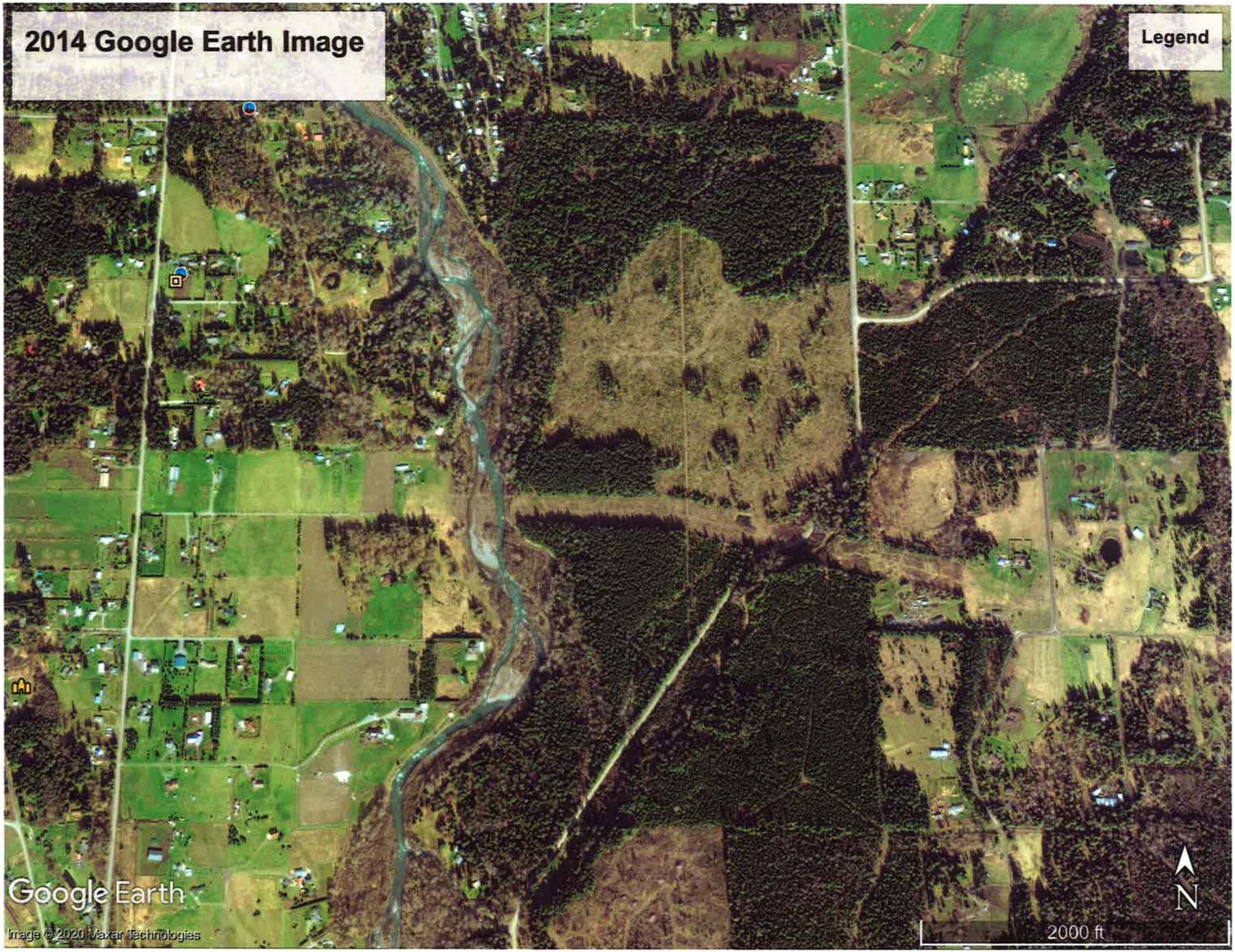
② walk maintenance rd.

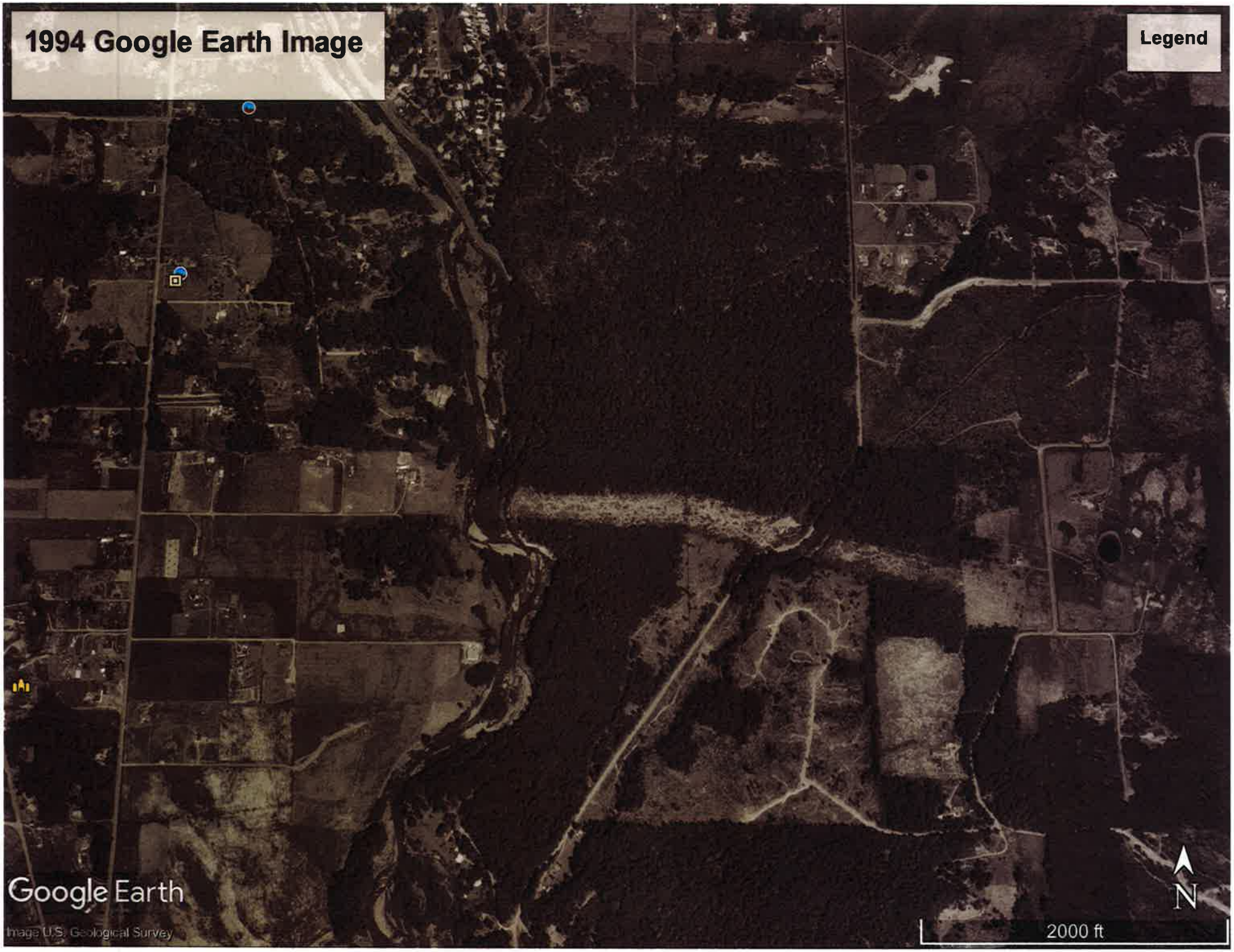
⑤ turn left when road divides
walk maint. rd until it ends at DTW post.

④ walk towards River Rd

⑤ ⊗ approx location of smaller dump.
The larger dump is about 100 yds further.

Appendix C
Aerial Photographs


2014 Google Earth Image
Legend
Google Earth
Image © 2020 Maxar Technologies
N
2000 ft


1994 Google Earth Image
Legend
Google Earth
Image U.S. Geological Survey
N
2000 ft

Historical Aerial Photograph from Quantum Spatial, Dated March 16, 1985



Historical Aerial Photograph from Quantum Spatial, Dated April 8, 1975



Appendix D
Title Search

First American Title™	Recorded Document Guarantee
	ISSUED BY **First American Title Insurance Company**
Guarantee	GUARANTEE NUMBER **5002800-0001154e**

FIRST AMERICAN TITLE INSURANCE COMPANY
a Nebraska corporation, herein called the Company
SUBJECT TO THE TERMS, LIMITATIONS AND CONDITIONS OF THE APPLICATION FOR THIS GUARANTEE EXECUTED ON THE TWENTY SECOND DAY OF SEPTEMBER, 2020,
WHICH APPLICATION, OR COPY THEREOF, IS ATTACHED HERETO AND MADE A PART HEREOF

GUARANTEES
The Assured named in Schedule A of this Guarantee,

herein called the Assured, against loss not exceeding the liability amount stated above which the Assured shall sustain by reason of any incorrectness in the assurances set forth in Schedule A.

Any claim or other notice to the Company shall be in writing and shall be addressed to the Company at **First American Title Insurance Company, Attn: Claims National Intake Center, 1 First American Way, Santa Ana, California 92707. Phone: 888-632-1642.**

THIS GUARANTEE IS NOT VALID AND THE COMPANY SHALL HAVE NO LIABILITY HEREUNDER UNLESS THE APPLICATION REFERRED TO ABOVE, OR COPY THEREOF, AND SCHEDULE A ARE ATTACHED HERETO.

Date: 09/22/2020 @ 08:00 AM

First American Title Insurance Company

Dennis J. Gilmore, President

Greg L. Smith, Secretary

For Reference:

File #: 134177

Issued By:

Clallam Title Company
204 South Lincoln, PO Box 248
Port Angeles, WA 98362

This jacket was created electronically and constitutes an original document

First American Title Insurance Company

APPLICATION FOR THE ISSUANCE OF A RECORDED DOCUMENT GUARANTEE

Applicant, for the purpose of purchase, sale, lease or loan, is in the process of investigating the prior ownerships and uses of the Subject Property. As only a component of that investigation, Applicant hereby requests the Company to furnish Applicant with a Recorded Document Guarantee, which Guarantee will set forth and attach copies of the Designated Documents. The Guaranteed is being provided to Applicant solely for the purpose of facilitating any innocent landowner or purchaser defenses which may be available under the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended. It is provided for the sole use and benefit of Applicant and may not be used or relied upon by any other party.

1. The following terms when used in the Application and the Recorded Document Guarantee shall mean:
   a. **Applicant** – The party or parties which have executed this Application and which are shown as the Assured in the Guarantee.
   b. **CERCLA** – Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended.
   c. **Company** – First American Title Insurance Company
   d. **Designated Documents** – Those documents specifically designated by Applicant in paragraphs 3a or 3b, and in paragraph 4 and which describe the Subject Property or any portion thereof and which are not Excluded Documents.
   e. **Excluded Documents** – Any of the following:
      (i) documents indexed in the Company's title plant records by name only,
      (ii) documents pertaining to an estate or interest in minerals, gas and oil, or other hydrocarbon substances,
      (iii) documents pertaining to water rights, claims or title to water, or
      (iv) documents recorded or indexed outside the chain of title, whether or not the documents impart constructive notice to purchasers of the Subject Property for value and without knowledge.
   f. **Guarantee** – Recorded Document Guarantee.
   g. **Land Records** – Those records in which under state statutes the Designated Documents must be recorded in order to impart constructive notice to purchasers of the Subject Property for value and without knowledge.
   h. **Subject Property** – The real property described in the Application, but not including any severed mineral estate.
2. The Subject Property is described as follows:

   The South half of the Northeast quarter and the West half of Section 36, Township 30 North, Range 4 West, W.M., Clallam County Washington.

3. Applicant hereby requests the Company to issue the Guarantee identifying only the following Designated Documents which are:
   a. [X] currently posted in the Company's title plant and which were recorded in the Land Records from January 1900 through September 22, 2020.
   b. [ ] recorded and indexed in the abstract books in the Land Records of Clallam and State of Washington from ___ (date) through _____ (date).
4. Designated Documents as defined in paragraph 1(d) above:
   a. [ ] Deeds
   b. [ ] Leases and Subleases

c. [ ] Mortgages/Deeds of Trust
d. [ ] Environmental Protection Liens recorded pursuant to CERCLA
e. [X] All Documents

5. Applicant specifically instructs the Company to disclose in the Guarantee only the Designated Documents indicated above. Applicant understands that during the course of searching the records covered by the Guarantee the Company may find or have knowledge of documents of a type other than the Designated Documents requested by Applicant. Even if the Company knows or would have reason to know Applicant may have an interest in these other documents, Applicant imposes no duty or responsibility on the Company to disclose those documents or their content to Applicant either through the Guarantee or otherwise.
6. BY THE EXECUTION AND SUBMISSION OF THIS APPLICATION TO THE COMPANY, APPLICANT ACKNOWLEDGES AND SUBMITS:
   a. That the Company's sole obligation under the Guarantee, and this Application, shall be to conduct a search in accordance with the terms and provisions of this Application and to furnish copies of the Designated Documents to Applicant as a part of the Guarantee. The Company shall have no obligation to read, examine, or interpret the Designated Documents.
   b. That the Company shall not be obligated under this Guarantee to pay any costs, attorneys' fees, or expenses incurred in any action, proceeding, or other claim brought against Applicant.
   c. That the Guarantee is limited in scope and is not an abstract of title, title opinion, preliminary or title report, or commitment to issue title insurance.
   d. That the Guarantee is not to be relied upon by Applicant or any other person as a representation of the status of title to the Subject Property.
   e. That Applicant shall have no right of action against the Company, whether or not based on negligence, except under the terms and provisions of and subject to all limitations of, this Application and the Guarantee.
   f. That the Guarantee is not valid and the Company shall have no liability thereunder unless this application, or a copy thereof, is attached thereto.
   g. That the Guarantee does not assure that Applicant will be entitled to any innocent landowner or purchaser defenses which may be available under CERCLA.

LIMITATION OF LIABILITY

APPLICANT RECOGNIZES THAT IT IS EXTREMELY DIFFICULT IF NOT IMPOSSIBLE, TO DETERMINE THE EXTENT OF DAMAGES WHICH COULD ARISE FROM ERRORS OR OMISSIONS IN THE GUARANTEE. APPLICANT RECOGNIZES THAT THE FEE CHARGE IS NOMINAL IN RELATION TO THE POTENTIAL LIABILITIES PURSUANT TO CERCLA. THEREFORE, APPLICANT UNDERSTANDS THAT THE COMPANY IS NOT WILLING TO PROCEED IN THE PREPARATION AND ISSUANCE OF THE REQUESTED GUARANTEE UNLESS THE COMPANY'S LIABILITY IS STRICTLY LIMITED. APPLICANT AGREES WITH THE PROPRIETY OF THIS LIMITATION AND AGREES TO BE BOUND BY ITS TERMS.

THIS LIMITATION IS AS FOLLOWS:

APPLICANT AGREES, AS PART OF THE CONSIDERATION FOR THE ISSUANCE OF THIS GUARANTEE, THAT THE COMPANY SHALL BE LIABLE TO APPLICANT UNDER THIS GUARANTEE ONLY IN THE EVENT THAT ENVIRONMENTAL HAZARDOUS WASTE OR TOXIC SUBSTANCE CLEAN-UP COSTS OR PENALTIES ARE ACTUALLY IMPOSED ON APPLICANT OR AGAINST THE SUBJECT PROPERTY, SOLELY BY REASON OF AN ERROR OR OMISSIONS BY THE COMPANY IN FAILING TO IDENTIFY AND ATTACH THE DESIGNATED DOCUMENTS TO THE GUARANTEE, WHICH ERROR OR OMISSION BY THE COMPANY HAS CAUSED APPLICANT TO FAIL TO COMPLY WITH THE REQUIREMENTS FOR DUE DILIGENCE INQUIRY OF PRIOR OWNERSHIPS AND USES IN CONNECTION WITH THE INNOCENT LANDOWNER OR PURCHASER DEFENSES UNDER CERCLA; AND THEN THE LIABILITY SHALL BE A ONE-TIME PAYMENT TO APPLICANT OF **$ 3,000.00**

ACCORDINGLY, APPLICANT REQUESTS THAT THE GUARANTEE BE ISSUED WITH THIS LIMITATION AS A PART OF THE CONSIDERATION THAT APPLICANT GIVES THE COMPANY TO PREPARE AND ISSUE THE GUARANTEE.

APPLICANT CERTIFIES THAT HE HAS READ AND UNDERSTANDS ALL OF THE TERMS, LIMITATIONS AND CONDITIONS OF THIS APPLICATION.

Executed this day of September, 2020

Nicholas Stewart

[Applicant's Signature Provision)

[This application must be signed by the Applicant itself or an attorney at law representing the Applicant.]

RECORDED DOCUMENT GUARANTEE

LIABILITY **$ 3,000.00** GUARANTEE NO.: **5002800-0001154e**

FEE **$ 778.00**

SUBJECT TO THE TERMS, LIMITATIONS AND CONDITIONS OF THE APPLICATION FOR THIS GUARANTEE EXECUTED ON THE - DAY OF September, 2020 WHICH APPLICATION, OR COPY THEREOF, IS ATTACHED HERETO AND MADE A PART HEREOF

FIRST AMERICAN TITLE INSURANCE COMPANY
A Corporation, herein called the Company

GUARANTEES

herein called the Assured, against loss not exceeding the liability amount stated above which the Assured shall sustain by reason of any incorrectness in the assurances set forth in Schedule A.

Any claim or other notice to the Company shall be in writing and shall be addressed to Company at 2 First American Way, Bldg. 2, Santa Ana, CA. 92707

THIS GUARANTEE IS NOT VALID AND THE COMPANY SHALL HAVE NO LIABILITY HEREUNDER UNLESS THE APPLICATION REFERRED TO ABOVE OR COPY THEREOF AND SCHEDULE A ARE ATTACHED HERETO.

Dated: **September 22, 2020** at 8:00 am

RECORDED DOCUMENT GUARANTEE
SCHEDULE A

The assurances referred to on the face page are, that, based on a search of the records indicated in the Application referred to on the face page hereof, the following identified and attached documents constitute all of the Designated Documents requested in the Application.

Designated Documents:

1. Easement Recorded August 24, 1923 Auditor's File No. Volume 107 Page 583
2. Easement Recorded November 23, 1929 Auditors File No. 132881
3. Statement Recorded March 7, 1947 Auditors File No. 229292
4. Certificate and Grant of Right of Way Recorded January 20, 1951 Auditors File No. 259357
5. Lease Recorded August 27, 1951 Auditors File No. 263697
6. Easement Recorded September 7, 1954 Auditors File No. 282255
7. Mortgage Recorded October 5, 1956 Auditors File No. 297627
8. Lease Recorded June 24, 1957 Auditors File No. 302584
9. Easement Recorded February 25, 1958 Auditors File No. 306899
10. Franchise Recorded March 11, 1965 Auditors File No. 354574
11. Agreement Recorded May 8, 1969 Auditors File No. 389445
12. Patent Recorded September 12, 1972 Auditors File No. 416130
13. Modification Agreement Recorded August 16, 1973 Auditors File No. 425986
14. Easement Recorded December 7, 1977 Auditors File No. 475983
15. Real Estate Contract Recorded February 5, 1980 Auditors File No. 504739
16. Patent Recorded January 12, 1983 Auditors File No. 538645
17. Easement Recorded September 27, 1985 Auditors File No. 570891
18. Easement Recorded July 9, 1986 Auditors File No. 579700
19. Survey Recorded April 16, 1987 Auditors File No. 590072
20. Survey Recorded March 9, 1992 Auditors File No. 665190
21. Survey Recorded September 25, 2014 Auditors File No. 2014 1312472
22. Survey Recorded November 18, 2014 Auditors File No. 2014 1314328

The First American Corporation

Clallam Title Company

PRIVACY POLICY

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our parent company, The First American Corporation, we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information which you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values, a copy of which can be found on our website at www.firstam.com.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies, and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies, or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

© 2001 The First American Corporation - All Rights Reserved

State of Washington

Instrument easement
Dated August 17, 1923
Acknowledged
Received for Record Aug 24, 1923
Recorded in Book 107 Page 583
Consideration, $

To

Clallam County

In Re Application No. 937 for right of way for County Road in Clallam County

Order.

Recites:-

It appearing to the Commissioner at this time that Application No. 937 was filed in the office of the Commissioner of Public Land by Clallam County for an easement for right of way for county road over the

S½ of NE¼ of section 36, Township 30 north range 4 west W. M.

that said application was filed in accordance with the law of 1897 which provides for the granting of rights of way over state lands; and

It further appearing that there is no merchantable timber on the eara included in the right of way and that no good reason exists why this right of way should not be granted it is, therefore

Ordered and Determined that the plat showing the surveyof said right of way as filed with said petition, be and the same is hereby granted to Clallam County for a county road over and across the following described land;

All that protion of the S½ of NE¼ of section 36, Township 30 north range 4 west W. M. included in a strip of land 20 feet in width lying south of, parallel and contiguous to the north line of said S½ of NE¼.

The right of way hereinabove described has an area of 1.22 acres according to the plat thereof on file in the office of the Commissioner of Public Lands at Olympia, Washington

Signed:- C. V. Savidge
Commissioner of Public lands

132881

THAD WAGNER ET UX

TO

TOWN OF SEQUIM

EASEMENT

THIS AGREEMENT, Made and entered into this 21 day of November, 1929, by and between Thad Wagner and Anna B. Wagner, his wife, of Sequim, Washington, parties of the first part, and the Town of Sequim, a Municipal Corporation, organized and existing under Laws of the State of Washington, party of the second part, WITNESSETH:

That for and in consideration of the sum of One Dollar and the sufferance and the mutual benefits tobe had and received, each from the other- as hereinafter set forth, the parties of the first part have this day granted as Easement to the party of the second part to a strip of land ten feet in width extending over and across the following described lands owned by first parties, to-wit:

The NW¼ of the SW¼ of Section 30, Township 30 N. Range 3, W. W. M. The NE¼ of SE¼, SE¼, of SE¼, and the SW¼ of SE¼ of Section 25, Township 30 N. Range 4, W. W. M. The NW¼ of NE¼, and the SW¼ of NE¼ of Section 36, Township 30 N. Range 4, W. W. M.

The foregoing land through which said pipe shall extend is more definitely set forth anddescribed, as follows:

Commencing at a point 3031.5 feet South, and 1335.8 feet East from the Section Corner, common to Section 25, T. 30 N. R. 4 W. W. M. and Section 30, T. 30 N. R. 3 W. W. M. which point is 9 plus 80 on the located line, Thence S. 89° 22W. 1171.2 feet Thence S. 49° 19W. 1442.6 feet Thence S. 34° 46W. 3160.6 feet to a point 69 feet South and 15 feet East from the 1/16 corner to the NE¼ of NW¼, the NW¼ of NE¼, SE¼ of NW¼ the SW¼ of NE¼ Section 36, T. 30 N. Range 4 W. W. M.

The same shall be used by second party for water main for the transportation of water from the Dungeness River to the Town of Sequim, and adjacent territory, said pipe line to be maintained embedded more than twenty inches under the surface of the ground, and that second party shall be entitled to enter upon or cross any lands in going to or returning from said ten foot strip of land at any time and install, repair, or substitute any portion of said pipe line, enlarge or duplicate the same when necessary or desirable, in furtherance of the efficiency or necessity or the improvement or enlargement of said water system.

IN CONSIDERATION of the foregoing and the rights of Second party to enter upon said land and construct, improve and repair said water system, second party shall supply first parties with domestic water for first parties' home on SW¼, SE¼, Section 25, Township 3 North, Range 4 W. W. M. through a one-and-one half inch pipe and three quarter inch service taps to first parties' said home and milk house, which said taps and the installation thereof shall be made and done by second parties at its expense, and the point of diversion and tap shall be made at Station 48 on the Southeast corner of SW¼ of SE¼ of Section 25, Township 30 N. Range 4, W. W. M., and another three-quarter inch service tap in the Southwest corner of NW¼, NE¼, Section 36, Township 30 N. Range 4, W. W. M.

It is further understood and agreed between the parties hereto, that first party shall be entitled to the use of the surface of said easement for farming or other purposes, subject to the rights of Second party to enter upon and replace or substitute said pipe system.

The rights, title, and privileges and authority hereby granted shall continue and be in force until such time as the Town of Sequim shall permanently abandon and remove said pipe line, at which time all such rights, title, privileges and authority hereby granted shall terminate.

IN WITNESS THEREOF, first parties herein set their hands and seals, this 21 day of November, 1929.

(Corporate Seal of the Town of Sequim)
Attest: T. H. Schumacher
By City Clerk.

Thad Wagner
Anna B. Wagner
Herbert Godfrey
Mayor

(Continued)

STATE OF WASHINGTON,)
: SS
COUNTY OF CLALLAM)

THIS IS TO CERTIFY, That on this 21 day of November, 1929, before me, the undersigned, a Notary Public in and for the State of Washington, personally came Thad Wagner & Anna B. Wagner, his wife to me known to be the individuals described in and who executed the within instrument, and acknowledged to me that they and each of them signed and sealed the same as their and each of their free and voluntary act and deed for the uses and purposes therein mentioned.

WITNESS my hand and official seal, the day and year in this certificate first above written.

T. Waldo Murphy
Notary Public in and for the State of Washington,
residing at Sequim.

(Notorial Seal
Com. Exp.
Apr. 4, 1931.)

Filed for record at the request of W. H. Schumacher, Nov. 23, 1929 at 10:00 A. M.

J. W. Warren, Auditor.

By _____ Deputy

Statement Fld March 7, 1947 229292

10:40(Max Church)

STANDARD LUMBER & MANUFACTURING CO.

First Report and Statement as to Shares.

Pursuant to the provisions of Sec. 3803-18 of Rem. Rev. St. of Washington, Standard Lumber & Manufacturing Co., a Washington corporation makes this its FirstReport and Statement as to Shares, as follows:

a. The total number of shares of common stock of sd corporation allotted up to the dt of this report is Two Thousand shares of the par value of One Hundred Dollars per share.

b. The consideration received in payment of such shares is as follows, computed as of the 31st day of January, 1947:

REAL ESTATE:

N. 4 acres of the W½ of the W½ of the SW¼ of the SW¼, Sec. 14, Twp. 30 N. R. 4 W.W.M.; Except that ptn thof cyd to Seattle Port Angeles & Lake Crescent Railway by deed recorded in Vol. 94 of deeds, page 65, records of Clallam County, Wn., also

NE¼ of the SE¼, Sec. 15, Twp. 30 N.R. 4, W.W.M.; Except those ptns thof cyd to Seattle, Port Angeles & Lake Crescent Railway by deeds recorded in Vol. 94 of deeds, page 93, and Vol. 100 of deeds, page 47, records of Clallam County, Wn., and also Except the following described tt: N½ of the NW¼ of the NE¼ of the SE¼. Sec. 15, Two. 30, N. R. 4 W.W.M., in sd County; also,

SE¼ of the SE¼, Sec. 15, Two. 30 N.R. 4 W.W.M., Except baap 574.35 ft. south and 25 ft. east of the NW corner of sd SE¼ of the SE¼; th east 275 ft; th south 320 ft; th west 275 ft; th north 320 ft. to the pob; also, Value $4,125.00.

NW¼ of the SW¼ and the S½ of the SW¼, Sec. 1 and the NE¼ of the SE¼, Sec. 2, all in Twp. 30 N. R. 15 W.W.M.; also, Value $2,076.25.

NE¼ of the SE¼ and the SW¼ of the SE¼ and the W½ of the SE¼ of the SE¼, all in Sec. 7, Twp. 30 N. R. 7 W.W.M.; also, Value $4000.00.

E½ of the SW¼, Sec. 26, Twp. 30 N. W. 5 W.W.M.; also, Value $2,000.00

W½ of the NW¼, Sec. 15 and S½ of the SW¼, Sec. 10, all in Twp. 28 N.R. 13 W.W.M.; also, Value $13,451.00.

NW¼ of the NW¼, Sec. 24, Twp. 30 N. R. 6 W.W.M.; also, Value $1,400.00

SW¼ of the NE¼ and the N½ of the NW¼ of the SW¼ of the NW¼, Sec. 36, Twp. 30 N. R. 4 W.W.M.; also, Value $23,000.00.

SW¼ of the SW¼, Sec. 16, Twp. 30 N.R. 4 W.W.M.; Value $11,000.00.

All situated in Clammal County, Washington; also,

(Property in Jefferson and Skagit County)

PERSONAL PROPERTY*****

c. That the value of the above mentioned assets, as fixed by the Directors of the corporation, is the sum set opposite ea item and such assets have been accepted by the Board of Directors in full payment of all stock subscribed for and allotted to dt of this report.

George W. Pankratz, President
M. L. Maloney, Secretary-Treasurer

CORP SEAL
S of W,

George W. Pankratz and M. L. Maloney, being ea duly swom, on oath depose and say; That they are the President and the Secretary Treasurer, resp, of Standard Lumber & Manufacturing Co., a Washington corporation; that they have read the foregoing report, know the contents thof and believe same to be a true and accurate report.

George W. Pankratz
M. L. Maloney

Subscribed and sworn to before me this 27th day of February, 1947.

Rita M. Devine, np W Sequim, ns
6/10/49.

Cert.R/W Fld January 20, 1951
November 30, 1950

9:30(CCACo)

259357 216/507

DEPARTMENT OF PUBLIC LANDS
Office of Commissioner

In re: Application No. 20218 by UNITED STATES OF AMERICA, Department of the Interior, Acting by and through the Bonneville Power Administrator, for Right of Way for Electric Transmission Lines over certain State Lands in Clallam County.

O R D E R
and
CERTIFICATE AND GRANT OF RIGHT OF-WAY
November 30, 1950

It appearing to the Commissioner of Public Lands, pursuant to Sections 7797-96 et seq., Remington's Revised Statutes of Washington, that Application No. 20218 has been filed with the Commissioner of Public Lands by the United States of America, Department of the Interior, acting by and through the Bonneville Power Administrator (16 U.S. Code 832 et seq.) for a right-of-way for the construction, operation and maintenance of one or more electric transmission lines through, over and across State School Lands hereinafter described; and

It further appearing that the applicant is constructing or proposing to construct, or has heretofore constructed, through, over and across the land, electric transmission lines for the purpose of transmitting electricity for light, heat and power; that the land within the right of way is limited to an amt on either side thof for ingress and egress to maintain and repair the electric transmission lines; and

It further appearing that there are no improvements on the land within the right of way, and the Commissioner being fully advised in

259357 cont

accordance with Sections 7797-96, 7797-97 and 7797-98, Remington's Revised Statutes of Washington, it is therefore

ORDERED and DETERMINED: (1) That the appraised value of the School Land with no improvements within the right of way be and the same is hby fixed at $425.00; (2) that the sd sum has been paid; (3) that the United States of America has obtained the right, power, privilege and authority to construct, operate and maintain electric transmission lines through, over and across the land hereinafter described, by complying with the provisions of Sections 7797-96, 7797-97 and 7797-98, Remington's Revised Statutes of Washington; (4) that the land within the right of way applied for is daf:

Those ptns of the N½ of SW¼ of Section 36, Township 30 north, range 4 west, W.M., included in a strip of land 200 feet in width, having 50 feet of such width on the northerly side and 150 feet of such width on the southerly side of the following described line:

Beap on the east ln of sd section 36, which is N 2° 01' E 1190.1 feet from the southeast corner of sd section and running th N 73° 30' W 4159.3 feet and N 87° 32' W 1269.4 feet to a point on the west ln of sd section 36, which is N 1° 43' E 2240.6 feet from the southwest corner of sd section and having an area of 12.4 acres acc to the plat thof on file in the office of the Commissioner of Public Lands at Olympia, Washington.

Subject, however, to an easement for county road granted to Clallam County August 13, 1920, under application No. 594 over the NE¼ of SW¼ of sd section 36;

(5) that the Commissioner of Public Lands reserves unto the State of Washington, its successors or assigns, the right to cross this right of way at any and all times in connection with the use of the adjoining land, and should the United States of America ever abandon the use of the right of way for the purposes for which it was granted, the right of way shall revert to the State of Washington or its grantee.

Dated this 30th day of November, A.D., 1950.

Jack Taylor
Commissioner of Public Lands.

SEAL

Lease Fld August 27, 1951
August 24, 1951

263697 C
3:45(James R.Gates)
Sequim, Wn.

13/228

Otto J. Sporseen
James R. Gates
fp lease, demise and let to sp
The (SE¼) of Section 36 (thirty-six) Township 30 (Thirty) North, Range four (4) W.W.M. and the (E½ or SE¼ of NE¼) of sd Section
To have and to hold for the term of (3) years, to-wit: from the 3rd day of April, 1950 to the 3rd day of April, 1953, yielding and paying therefor the annual rent of ($375.00) with option to lessee to renew sd lease for an additional (3) years at the same rental and same terms.

*****

which is made to correct description in lease fld in Vol. 12 page 379 betw same ptles of Leases records of CC Auditor's office.

Otto J. Sporseen

James R. Gates

ccw August 24, 1951, James R. Gates & Otto J. Sporseen, bef Sarah Petersen, np W Sequim, ns 5/18/55.

- - - -

Easement Fld Sep. 7, 1954 282255
October 8, 1953 $1.00 10:00 (Town of Sequim) 231/524

Florence M. Wagner, a single woman
Town of Sequim, a municipal corporation
Heading same as in 282254
A strip or tract of land lying in the NorthwestQuarter of the Southwest Quarter of Section 30, Township 30 North, Range 3, W.W.M. and in the Southeast Quarter of Section 25, Township 30 North, Range 4, W.W.M. and in the Northeast Quarter of Section 36, Township 30 North, Range 4, W.W.M. more particularly described as follows:
Assuming that the North boundary line of Section 30, Township 30North, Range 3, W.W.M., is a true east-west line, said tract of land is a tract thirty feet wide lywing 15.0 feet on each side of a line whose point of beginning is a point 1339.3 feet east and 2801.4 feet south from the Northwest corner of said Section 30; thence South 78 degrees 41 minutes West 1127.2 feet; thence South 48 degrees, 48 minutes west 1494.3 feet; thence South 34 degrees 10 minutes west 3179.9 feet to a point in the North-south county road through said Section 36,containing 4.00 acres, more or less, all being situated in Clallam County, State of Washington.

Grantee shall supply the Grantor,with domestic water for house, barn and milkhouse for the Grantor's use through a 1-½" pipe and 3/4ths" service taps which said taps and installation shall be at the expense of the Grantee and one connection shall be located in the Southeast corner of the Southwest Quarter of the Southeast Quarter, Section 25, Township 30 North, Range 4, W.W.M., and one connection shall be located in the Northwest corner of the Northwest Quarter of the Southwest Quarter, Section 30, Township 30 North, Range 3, W.W.M., all being situated in ClallamCounty, State of Washington.
Next two paragraphs same as in 282254
It is further understood and agreed between the parties hereto tt Grantor shall be entitled to the use of the surface of sd property herein desd for farming and other purposes, subject to the rights of Grantee to enter upon and replace or substitute sd pipeline, sd pipeline to be maintained and imbedded more than twenty (20") inches under the surface of the ground and Grantee shall be entitled to enter upon or cross any lands in going to or returning from sd strip or tract of land at any time and install, repair or substitute any portion of sd pipeline. The right, title and privileges and authority hereby granted shall continue and remain in full force and effect until such time as the Town of Sequim shall abandon and remove sd pipeline.

Florence M. Wagner
Grantor

Excise Tax exempt
ccw October 8, 1953, Florence M. Wagner, bef Peter F. Black, np W Sequim, ns Sept. 7, 1954.

282254 ✓ 231/522

Easement Fld Sep. 7, 1954
July 6, 1953 $1.00 10;00 (Town of Sequim)
A. W. Balch and Irma O. Balch, hw
Town of Sequim, a Municipal Corporation
KAMBTP: Tt A. W. Balch and Irma O. Balch, hw, hereinafter called the Grantors for and in consideration of the sum of One ($1.00) Dollar, and other good and valuable consideration, to them in hand paid by the Town of Sequim, a Municipal Corporation of the State of Washington, hereinafter called the Grantee, has given, granted and conveyed, and by these presents does give, grant and cy unto the sd Grantee the right, privilege and estate in perpetuity to construct, maintain, repair and replace a line of pipe for the transmission of water for the Grantee as a part of the plan and system of the Grantee over and across
A strip or tract of land in the Northwest Quarter of the Northeast Quarter of the Southwest Quarter of Section Thirty (30), Township Thirty (30) North, Range Three (3), W.M., more particularly described as follows:
ASSUMING that the North boundary line of Section Thirty (30), Township 30 North, Range 3 W.M., is a true east-west line, said tract of land is a tract thirty (30.0) feet wide lying 15.0 feet on each side of a line whose point of beginning is a point 1339.3 feet east and 2801.4 feet south from the Northwest corner of said Section 30; thence North 78° 41' East 670.3 feet to the East boundary line of said Northwest Quarter of the Northeast Quarter of the Southwest Quarter of Section 30, (containing 0.46 acres, more or less) situated in Clallam County, State of Washington.
This grant is given upon the express condition tt the Grantee will save the Grantor harmless by reason of any damage, or claim of damage, arising against or occurring to them by reason of the use of the said strip or tract of land by the Grantee.

This easement is further granted upon the express condition tt the right will be exercised without destroying any structures now located on the above strip and upon the further condition tt the Grantee will restore the surface to its present condition after the installation of this pipe line, or after the same may be hereafter disturbed from making repairs, replacements or for any other purpose.

A. W. Balch
Irma O. Balch
Grantors

Excise Tax Exempt

cow July 6, 1953, A. W. Balch and Irma O. Balch, hw
bef Peter F. Black, np W Sequim, ns Sept. 7, 1954.
All of the requirements and limitations in this Easement set forth are accepted and assumed by the Town of Sequim

Town of Sequim
By W. L. Merrill, Mayor

Attest: Louise Delaney
Town Clerk

Mtg Fld October 5, 1956 297627
October 5, 1956 $10,000.00 2:00(Earl Franklin)

E. K. Franklin and Thelma M. Franklin, husb and wf
C. F. Franklin
fp mtg to sp
NE 1/4 NW 1/4 Section 36, Township 30 North, Range 4 W.W.M., contg 40 acres, m/l, acc to the government survey thof.
SUBJECT to easement for right of way for county road heretofore granted under Application No. 594.

ALSO: NW 1/4 NW 1/4 Section 36, Township 30 North, Range 4 W.W.M., contg 40 acres m/l, acc to the govenrment survey thof.

The above described tts are being purchased from the State of Washington under contracts dtd August 25, 1952. In the event of the default on the part of the Mtgors hin in payments on sd conts, the Mtgee hin shall have the right to take over such conts and complete the payments thon and receive a deed to the same from the State of Washington. In the event of such default on the part of the Mtgors hin, they do hby transfer and assign all rti in and to sd conts to the Mtgee hin.
tsp of ($10,000.00) and int thon acc to the terms of a pn dtd September 29, 1956.

xcn ok - signs Earl K. Franklin

Lease Fld June 24, 1957 ✓ 302584 ✓ 19/5 60
June 21, 1957 10:00(Eugene H. Pettett)

THIS INDENTURE OF LEASE, Made in duplicate at Sequim, Washington on this 21st day of June 1957, by and betw Otto J. Sporseen, a widower hinafter known and referred to as the lessor (whether singular or plural), and Eugene H. Pettett and Agness G. Pettett man and wife, hinafter known and referred to as the lessee (whether singular or plural.)

WITNESSETH: That in consideration of the covenants, agreements, and stipulations hin contained on the part of sd lessee to be pd, kept and faithfully performed by sd lessee, the sd lessor does hby lease, demise and let unto sd lessee that certain premises known as

The SE¼, Section 36, T30N, R4W, Willamette Meridian, and the SE¼ NE¼, Section 36, T30N, R4W, Willamette Meridian.

in the C of C, W

TO HAVE AND TO HOLD sd premises hby leased for a period of one year from the 22nd day of June, 1957, to and including the 21st day of June, 1958, sd lessee paying and yielding as rental therefor, during sd term, the full sum of $500 (five hundred & no one hundredths DOLLARS, lawful money of the United States, to be paid as follows:

The total sum of five hundred dollars on or before July 1, 1957.

****

As an additional consideration of this contract the lessor grants to lessee a one-year option to buy the SE¼, Sect. 36, T30N, R4W, WM; for a total price of (11,000) the terms for payment to be worked out at the time of sale. It is agreed that if the option is taken up within the one-year period the $500 paid as rent will be applied toward payment for the property. It is also expected a loan will be obtained for a first mtg which amt will be pd to lessor and that the remainder will be secured by a second mtg which will bear an int rate of 6% per annum. If payments on the first mtg are $50 per month or more no payments will be required on the second mtg for a period of three years from the dt of this instrument. Payments on the second mtg will be computed so that the entire amt of the second mtg plus int from dt of this instrument will be pd in 20 years. also included in this option is the transfer of a lease now held by lessor on SE¼ NE¼, Sect. 36, T30N, R4W, WM. This latter is dependant on State Land Office regulations.

****

Otto J. Sporseen
By Stanley E. Sporseen, attorney
Eugene H. Pettett
Agness G. Pettett

xcn ok — Acknowledged by Stanley E. Sporseen, individually

248/161

R/W Ease Fld February 25, 1958 306899
January 2, 1957 9:00(PUD #L)

For good and valuable cons, receipt of which is hby ack, Otto J. Sporseen, a widower, owners of the land below described, hby grant to Public Utility District No. 1 of Clallam County, a municipal corporation, the right to locate, construct, operate, repair and maintain thon an electric transmission and distribution ln or system, including the right to cut and trim trees to the extent necessary to keep them clear of sd ln or system and to cut down, from ti to ti, all dead, weak, leaning or dangerous trees that are tall enough to strike the wires in falling.

The land referred to is situated in CCW, and daf:

SE¼ and SE¼ of NE¼, S 36, T 30 N, R 4 W W.M.

It should be noted that the SE¼ of NE¼ is under lease from the State Land Board and additional permission might be necessary from them.

E.
Stanley/Sporseen
Atty for O. J. Sporseen

individual ack by Stanley E. Sporseen on January 2, 1957 bef np Oregon

354574

BEFORE THE HONORABLE BOARD OF COUNTY COMMISSIONERS

OF CLALLAM COUNTY, WASHINGTON

In the Matter of the Application of

UNITED STATES OF AMERICA

for a franchise to construct, operate and maintain one or more electric power transmission circuits across, over and upon certain county roads or portions thereof in Clallam County, Washington.

FRANCHISE

The application of the United States of America, Department of the Interior, acting through the Bonneville Power Administrator, and its assigns, for a franchise to construct, operate and maintain one or more electric power transmission circuits with appurtenant fixtures across, over and upon the right of way of the county road or roads hereinafter described, having come regularly on for hearing on the 5th day of March, 1965, before the Board of County Commissioners of Clallam County, Washington, under the provisions of R. C. W. 80.32.010, and it appearing to the Board of County Commissioners that public notice of said hearing was duly given as required by law, and that it is for the public interest to grant the franchise applied for, it is

ORDERED that a franchise be and the same hereby is granted to the United States of America and its assigns (hereinafter referred to as "the holder"), for a period of fifty years from the date of the entry of this order, to construct, operate and maintain one or more electric power transmission circuits, together with the necessary towers, poles and other fixtures appurtenant thereto, subject to the terms and conditions hereinafter enumerated, across, over, and upon the right of way of the following described county road or roads or portions:

The centerline of the Bonneville Power Administration's Fairmount-Port Angeles No. 2 transmission line crosses tracts:

2F-PA-17A - The centerline of a Clallam County Road known as Snow Creek Road at BPA survey station 326 + 87.7, in the NW¼SE¼ of Section 13, Township 29 North, Range 3 West, Willamette Meridian, Clallam County, Washington, as shown on drawings, serial numbers 130406 and 130406A DTM-D.

2F-PA-22A - The centerline of a Clallam County Road known as the new Palo Alto Road at BPA survey station 420 + 55.4, in the NW¼SW¼ of Section 11, Township 29 North, Range 3 West, Willamette Meridian, Clallam County, Washington, as shown on drawing, serial number 130408 DTM-D.

2-F-PA-22B - The centerline of a Clallam County Road known as the old Palo Alto Road at BPA survey station 427 + 02.8, in the NW¼SW¼ of Section 11, Township 29 North, Range 3 West, Willamette Meridian, Clallam County, Washington, as shown on drawing, serial number 130408 DTM-D.

2F-PA-31A - The centerline of a Clallam County Road known as Happy Valley Road at BPA survey station 559 + 74.4, near the center of the line common to the NW¼SW¼NW¼ of Section 4, and the NE¼SE¼NE¼ of Section 5, Township 29 North, Range 3 West, Willamette Meridian, Clallam County, Washington, as shown on drawing, serial number 130411 DTM-D.

2F-PA-41A - The centerline of a Clallam County Road known as Sporseen Road at BPA survey station 683 + 35.3 and its right of way at BPA survey station 686 + 15.0, in the SE¼NW¼SE¼ of Section 36, Township 30 North, Range 4 West, Willamette Meridian, Clallam County, Washington, as shown on drawing, serial number 130413 DTM-D.

2F-PA-42B - The centerline of a Clallam County Road known as Duncan Road at BPA survey station 702 + 27.6, near the center of the NE¼SW¼ of Section 36, Township 30 North, Range 4 West, Willamette Meridian, Clallam County, Washington, as shown on drawing, serial number 130414 DTM-D.

2F-PA-43A - The centerline of Clallam County Road No. 51 known as Taylor Cutoff Road at BPA survey station 750 + 13.8, near the center of the line common to the NW¼NW¼SE¼ and the NE¼NE¼SW¼ of Section 35, Township 30 North, Range 4 West, Willamette Meridian, Clallam County, Washington, as shown on drawing, serial number 130415 DTM-D.

2F-PA-48A - The centerline of a Clallam County Road known as Hooker Road at BPA survey station 803 + 50.9, near the center of the line common to the NW¼NW¼SE¼ and the NE¼NE¼SW¼ of Section 34, Township 30 North, Range 4 West, Willamette Meridian, Clallam County, Washington, as shown on drawing, serial number 130416 DTM-D.

2F-PA-50A - The centerline of a Clallam County Road right of way at BPA survey station 830 + 12.0, near the center of the line common to the NW¼NW¼SW¼ of Section 34 and the NE¼NE¼SE¼ of Section 33, Township 30 North, Range 4 West, Willamette Meridian, Clallam County, Washington, as shown on drawing, serial number 130416 DTM-D.

2F-PA-60A - The centerline of a Clallam County Road known as Emery Road at BPA survey station 1043 + 42.1, in the SE¼NW¼NW¼ of Section 25, Township 30 North, Range 5 West, Willamette Meridian, Clallam County, Washington, as shown on drawing, serial number 130420 DTM-D.

2F-PA-62B - The centerline of a Clallam County Road at BPA survey station 1055 + 87.1, near the center of the line common to the NW¼NW¼ of Section 25 and the NE¼NE¼ of Section 26, Township 30 North, Range 5 West, Willamette Meridian, Clallam County, Washington, as shown on drawing, serial number 130420 DTM-D.

I.

All construction, operation and maintenance of and repairs to said electric power transmission circuits and fixtures appurtenant thereto shall be performed in accordance with applicable state laws, and the specifications, rules and regulations of the latest edition of and supplements to the National Electrical Safety Code, promulgated by the United States Bureau of Standards. Said electric power transmission circuits shall at all times be constructed, operated and maintained so as not to interfere unduly with the use of said county road or roads or endanger the safety of the traveling public thereon.

II.

All costs of construction, repair, alteration, relocation or removal of said electric power transmission circuits and appurtenant fixtures shall be paid by the United States of America.

III.

Whenever, by reason of the construction, repair, improvement, alteration or relocation of said county road or roads, or any portion thereof, it shall become necessary, in the opinion of the Board of County Commissioners, to remove or relocate any part or all of said electric power transmission circuits and appurtenant fixtures from said county road or roads, the holder agrees to remove or relocate said electric power transmission circuits and appurtenant fixtures immediately, and at its own expense within the limits of appropriations available therefor, to the place or places on said county road or roads designated by the Board of County Commissioners.

IV.

In the event that all or any part of said county road or roads shall become a primary state highway, and thereafter, by reason of the construction, repair, improvement, alteration or relocation of all or any portion of said primary state highway as determined by the Director of Highways of the State of Washington, it shall become necessary, in the opinion of said Director of Highways, to remove or relocate any or all of said electric power transmission circuits and appurtenant fixtures from said highway, the holder agrees to remove or relocate said electric power transmission circuits and appurtenant fixtures immediately, and at its own expense within the limits of appropriations

available therefor, to the place or places on said state highway designated by said Director of Highways.

V.

The work of constructing, removing and relocating all or any part of said electric power transmission circuits and fixtures appurtenant thereto shall be performed by the holder in compliance with paragraph I, and without unnecessary interference with traffic upon or along said county road or roads. None of such work shall be undertaken or carried on without ten days' written notice having been first given to said Board of County Commissioners.

VI.

Any and all damage or injury done or caused to be done to said county road or roads, or to any portion thereof, in the construction, operation or maintenance of said electric power transmission circuits shall be immediately repaired and reconstructed by the holder within the limits of appropriations available therefor and under the supervision and to the satisfaction of said Board of County Commissioners. Except where in the opinion of the Board of County Commissioners an emergency exists, notice in writing of such repairs or reconstruction required of the holder hereunder shall be given to the holder. Upon the failure and neglect or refusal of the holder to do and perform immediately after receipt of such notice any repairs or reconstruction of said county road or roads herein required of the holder, or in an emergency without prior notice, the Board of County Commissioners may undertake and perform such repairs or reconstruction and the reasonable cost thereof including a reasonable sum for overhead will be paid by the holder within the limits of appropriations available therefor upon presentation of properly executed vouchers therefor; provided, however, that the County shall submit an estimate of the cost of such repairs or reconstruction to the Bonneville Power Administrator, and shall obtain said Administrator's approval of the cost thereof before making any such repairs or reconstruction; except that if in an emergency, the existence of which shall be determined by the County, it becomes necessary for the County to make such repairs or reconstruction without giving such notice and obtaining the approval of the cost thereof by said Administrator, the United States shall not be required to make any payment therefor unless

the sum expended, or any lesser reasonable sum, shall be approved by said Administrater. Whenever the Board of County Commissioners shall perform or cuase to be performed any of the work contemplated in this paragraph the wages of every laborer and mechanic employed in the performance of said work shall be computed on a basic day rate of eight hours per day and work in excess of eight hours per day shall be permitted only upon the condition that every such laborer and mechanic shall be compensated for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay. For each violation of the requirements of this provision, a penalty of five dollars ($5.00) shall be imposed upon the county for each laborer or mechanic for every calendar day in which such employees shall be required or permitted to labor more than eight hours upon said work without receiving compensation computed in accordance with this provision and all penalties thus imposed shall be withheld for the use and benefit of the holder; provided, further, that no person undergoing or serving a sentence of imprisonment at hard labor shall be required or permitted to perform any of such work.

VII.

This franchise is granted pursuant to the provisions of R. C. W. 80.32.010.

VIII.

The holder shall, within twenty days from receipt of a copy of this order, file with the Board of County Commissioners at Port Angeles, Washington, its written acceptance of the terms and conditions of this franchise.

Dated at Port Angeles, Washington, this 5th day of March, 1965.

BOARD OF COUNTY COMMISSIONERS OF CLALLAM COUNTY, WASHINGTON

Harvey Eacrett

E. A. Carlson

Thos. D. Mansfield

Approved as to form:

Nathan D. Richardson

Prosecuting Attorney for Clallam County, Washington

354575

FILED FOR RECORD AT THE REQUEST OF Clallam Co. Commissioners
RECORDED IN VOL. ____ PAGE ____
1965 MAR 11 PM 3:57
RAOUL A. FLEMING, AUDITOR
CLALLAM COUNTY, WASH.
BY ____ DEPUTY

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STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
BERT L. COLE, Commissioner of Public Lands

Tracts F-PA-42W; -46W; -52W

In re: Application No. 33171 by Bonneville Power Administrator
for Right of Way for a transmission line

March 24, 1969

over certain State-owned Lands in Clallam County, Washington

AGREEMENT NO. 33171

THIS AGREEMENT, Made and entered into on the date endorsed herein, by and between the STATE OF WASHINGTON, acting by and through the DEPARTMENT OF NATURAL RESOURCES, hereinafter called the "State" and THE UNITED STATES OF AMERICA, Department of Interior, acting through the BONNEVILLE POWER ADMINISTRATOR, P. O. Box 3621, Portland, Oregon 97208 hereinafter called the "Grantee."

WITNESSETH, The parties hereto, each in consideration of the agreements and the performance thereof on the part of the other, do agree:

1-0 Subject to the terms and conditions hereof, the State hereby grants to the Grantee:

1-1 An easement in accordance with the authority set forth in Chapter 73, Session Laws of 1961, for a right of way for the construction, operation, use and maintenance of a transmission line over and across State-owned lands in Clallam County, Washington, more particularly described in Schedule 1, which is attached hereto and by this reference made a part hereof, together with the right to clear said right of way of brush, timber, structures, and fire hazards, it being understood and agreed that any growing crops other than trees shall not constitute a fire hazard.

1-2 The right, at any time within five (5) years of the date written above, to remove those individual danger trees which have been marked by the Grantee and those trees which are located within the danger tree zones adjacent to the right of way, as identified on the application and maps submitted, and marked in the field by the Grantee and which have been appraised by the State and accounted for in the considerations hereunder.

2-0 This Agreement is subject to the terms and conditions hereinafter set out and to the terms and conditions of Schedule 2 attached hereto and by this reference made a part hereof.

3-0 This Agreement and the rights granted herein shall not be assigned, leased, or subleased, nor shall any interest of the Grantee herein or hereunder be transferred or assigned without prior written notice to the State, except that said rights may be used by any employee, contractor or representative of the Grantee while engaged in the Grantee's operations.

4-0 The consideration paid by the Grantee to the State is as follows:

4-1	Timber	$4676.00
	Damages	2290.00
	Total	$6966.00

0-74
8-25-66
Right of

May 8, 1969

5-0 The term of this agreement shall be for the period this easement is used for the purposes specified herein. Provided said tract shall automatically revert to the State or its successors and assigns within six months of receipt of a notice from the Grantee or its assigns that the easement over the said tract of land is no longer being used for the purposes specified herein. Upon request, said notice given by the Grantee or its assigns will be in the form of a recordable instrument. The Grantee or its assigns may at its election remove any salvageable material from said tract within six months after such notice of non-use has been given to the State or its assigns.

6-0 To the extent that it can legally do so, the Grantee agrees to comply or to cause compliance with all applicable state, county, and municipal laws, ordinances and regulations.

7-0 The Grantee shall cause its employees, permittees, contractors, and subcontractors to comply with those requirements and conditions set forth hereinafter which are applicable to the operations of each.

8-0 In addition to compliance with those laws of the State of Washington pertaining to forest protection, the Grantee shall contact the State's District Administrator at Port Angeles, Washington, who shall determine any extra requirements pertaining to burning procedure, blasting, watchmen, extra patrol, pumpers, tankers, fire hose, fire tools, etc., which are deemed necessary for prevention and suppression of fire resulting from construction operations. Such requirements will be included in the Grantee's invitations to bid and will be made part of the contract with the successful bidder.

9-0 The State shall have the right to use, without charge, for any and all purposes deemed necessary or desirable in connection with the control, management, harvest, and administration of State-owned lands and the resources thereof, all existing roads described herein or located on the State-owned lands described herein and those roads constructed and/or reconstructed by the Grantee under this Agreement. The State shall also have the right to extend such right and privileges to others.

Further, it is agreed that the State shall have the right to make reasonable rules and regulations, in addition to any specified in Schedule 2, concerning priority of use, and use and maintenance of said roads. Such rules and regulations shall apply to all users including the Grantee, the State's contractors, and others, and shall include, but shall not be limited to the following:

9-1 Road Maintenance - Single User. During periods when said roads, or portions thereof, are being solely used by one party, that portion of the road so used shall be maintained by said party at its own expense and, at the termination of each period of such use, shall be left in a condition equal to or better than the condition of the road immediately prior to said use.

9-2 Road Maintenance - Joint Use. During periods when said roads, or portions thereof, are used by more than one party, use shall be contingent upon the parties entering into a written, State-approved road maintenance agreement. Said agreement shall provide for maintenance and/or maintenance payments based on each party's proportional share of use.

Provided, the State reserves the right to maintain or appoint a party as the maintainer who will be responsible for all maintenance on said roads. In this event, all users will be required to pay to the State or its designated maintainer their proportional share of the cost of maintenance.

9-3 Road Damage and Repair. Required maintenance and/or maintenance payments shall not relieve any user from liability for repair of damage to said roads, including bridges, culverts, cattleguards, fences, gates and other improvements, resulting from negligence on the part of said user. Any facilities so damaged shall be immediately repaired by the user who cause said damage.

Provided, however, that nothing herein shall preclude or interfere with the action of the Grantee in the event of an emergency.

Provided further, that if the Grantee is a Federal agency, all obligations under this Agreement which are relative to road use, maintenance, and repair and which involve the expenditure of money of the United States Government, shall be subject to the availability of appropriations for such purposes.

10-0 The State, its successors, assigns and grantees, shall have the right to cross and recross the right of way herein granted without charge for any and all purposes deemed necessary or desirable in connection with the control, management, harvest and administration of State-owned lands or the resources thereof. Provided such crossings by others shall be controlled so it will not interfere unduly with the use of said right of way by the Grantee.

11-0 The State shall notify the Grantee by United States mail, addressed to the address shown on the application for this easement on file with the State in Olympia, Washington, of any instance of noncompliance by the Grantee, its employees, permittees, contractors or subcontractors with any of the terms and conditions hereof. Such notice will specifically identify the manner of noncompliance herewith.

In the event the Grantee does not undertake or cause to be undertaken, remedial action within fifteen days following receipt of said notice, the State, acting by and through its District Administrator at Port Angeles, Washington, may suspend the Grantee's operations until such time as effective remedial action is taken.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed as below subscribed.

Dated this 8th day of April, 1969.

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

By Bert L. Cole
BERT L. COLE
Commissioner of Public Lands

UNITED STATES OF AMERICA,
Department of Interior
BONNEVILLE POWER ADMINISTRATOR

By John D. McCarthy
Chief, Branch of Land Title
P. O. Box 3621
Portland, Oregon 97208
Address

0-74 Federal
6-7-68
Right of Way
App. No. 33171
cd

May 8, 1969

Schedule 1

That portion of the S½ NW¼, Section 33, Township 30 North, Range 4 West, W. M., included within the limits of a strip of land 62.5 feet in width lying northerly of an easement for right of way for an electric power transmission line granted to Bonneville Power Administration on June 14, 1954 under Application No. F-1458 and southerly of a line drawn parallel with and 50 feet northerly as measured at right angles to the following described line:

Beginning at a point on the east line of said Section 33, which is S 1° 56' W 230.7 feet from the east quarter section corner thereof, running thence N 87° 32' W 1,992.5 feet and thence N 66° 13' W 3,586.1 feet, more or less to a point on the west line of said Section 33, which is Southerly 1,450.0 feet, more or less, from the northwest corner thereof, having an area of 4.20 acres; also

Those portions of the NW¼ SW¼, Section 35 lying west of Agnew Irrigation District main canal and the N½ SW¼, Section 36, Township 30 North, Range 4 West, W. M., included within the limits of a strip of land 25 feet in width, lying between two lines running parallel with and 25 and 50 feet northerly, as measured at right angles to the following described line;

Beginning at a point on the west line of said Section 35, which is N 1° 44' E 2,343.2 feet from the southwest corner thereof, running thence S 87° 32' E 5,348.7 feet to a point on the east line of said Section 35, which is N 1° 43' E 2,265.5 feet from the southeast corner thereof, continuing thence, into said Section 36, S 87° 32' E 1,273.5 feet and thence S 73° 30' E 4,155.2 feet to a point on the east line of said Section 36, which is N 2° 01' E 1,216.0 feet from the southeast corner thereof, having an area of 1.70 acres.

Subject, however, in the NE¼ SW¼, said Section 36, to an easement for right of way for county road granted to Clallam County on August 13, 1920 under Application No. 594.

The rights of way herein above described have a total area of 5.90 acres as shown on the plats thereof on file in the office of the Commissioner of Public Lands at Olympia, Washington.

App. No. 33171

May 8, 1969

Schedule 2

1. SOIL PROTECTION

1-1 Grantee shall refrain from operation of equipment when ground condition is such that excessive damage will result to adjacent lands.

1-2 Grantee further agrees that temporary roads and trails, not required after construction and/or reconstruction of facilities, will be left in such condition as to eliminate excessive damage through soil erosion. Provided, further, that soil excavated from tower footings and all soil otherwise disturbed is to be leveled and left in such condition as to eliminate excessive damage through soil erosion.

2. PROTECTION OF TIMBER AND REPRODUCTION

2-1 Grantee shall require, as a condition of each agreement with any of its contractors exercising the rights granted herein, that said contractors shall take all reasonable precautions to protect adjacent State-owned timber and reproduction. Damage to trees and/or reproduction not identified and paid for under the terms and conditions of this agreement shall be appraised by the State. The Grantee shall cause its contractor to pay or cause to be paid the appraised value of said damages, except triple damages may be charged in the event timber or other valuable materials are cut or removed without prior authorization issued in writing by the State.

3. PROTECTION OF STREAMCOURSES

3-1 The Grantee shall take all precautions necessary to limit damage and disturbance of any streams or other bodies of water located along, across, or adjacent to the right of way granted herein. Such precautions shall include, but not be limited to, the following:

1. No logs, trees or other debris shall be felled into, skidded across or accumulated within a streamcourse or other body of water.
2. The operation of equipment within a streamcourse or other body of water or on the banks or shores of the same shall be held to a minimum.

4. BRUSH AND WEED SPRAYING

4-1 In the event the Grantee elects to kill or control the growth of weeds and/or brush by chemical treatment within or in proximity to said right of way, he shall use only those chemical agents, the container labels of which have been registered with the Washington State Department of Agriculture, and such use shall be as directed by said labels.

5. DAMAGE TO IMPROVEMENTS OR CROPS

5-1 Any damage to State-owned improvements or crops which is in addition to that for which the Grantee has made full compensation in obtaining the easement herein, and which is caused by the negligent activities or operations of the Grantee shall be appraised by the State. The Grantee shall be notified in writing by the State of the damages and the appraised value thereof. Upon such notification, the Grantee shall immediately undertake to repair such damage to the satisfaction of the State or shall make full cash compensation for such damage.

6. PRESERVATION OF SURVEYS

6-1 All legal subdivision survey corners and witness objects are to be preserved. If such are destroyed or disturbed, the Grantee shall re-establish same in accordance with U. S. General Land Office standards at his own expense. Those corners that must be necessarily disturbed or destroyed in process of construction must be adequately referenced

Apr.
May 8, 1969

Schedule 2 cont.

prior to removal of the corner and/or witness object. Grantee shall record these references in the respective offices of the local County Engineer and the Commissioner of Public Lands.

7. DANGER TREES

7-1 Trees that become dangerous to the operation and maintenance of the installations on the right of way subsequent to the construction thereof, and located outside of the limits of said right of way may be removed upon obtaining the written consent of the State, and payment of the appraised value thereof.

8. SNAG FALLING

8-1 The grantee, in consideration of this conveyance, agrees to fall snags 15 feet or more in height which are located on the State's land and are within 75 feet distance from the outside limits of the right of way.

9. RESERVATIONS

9-1 The State reserves to itself, its successors and assigns, the right to develop, improve, and utilize the land and natural resources thereon, within the limits of the right of way granted herein, insofar as such reservations are compatible with the Grantee's operation and insofar as such action will not interfere with the rights of the Grantee.

In the event the State elects to act within this reservation, it shall give written notice to the Grantee of such election and will then assume responsibility for allowing no growth or obstruction on the right of way that will interfere with the Grantee's use thereof.

When so notified, Grantee will not eradicate by broad cast brush spraying or other methods of removal any growth on the portion of the right of way being so used by the State. In the event the Grantee injures or damages growth while responding to an emergency such as, but not limited to, a fire, flood, or facility failure, or necessary repair to such facility, State shall have no recourse or cause of action against the Grantee for or on account of such injury.

Furthermore, the State shall notify the Grantee in writing of any cessation of any management plan enacted, and such notice will relieve the State of growth and obstruction control; provided, upon such notice of cessation, the State shall remove or cause to be removed, all growth and obstruction exceeding ten (10) feet in height.

10. REVERSION OF EASEMENT - NONUSE

10-1 In the event that any portion of the right of way located within the limits described by the centerline description in Schedule 1 is not used by the Grantee, its successors, or assigns for the purpose for which it was granted within a period of five (5) years, the rights of the Grantee within said portion of the right of way shall revert to the State, its successors or assigns and said portion of the right of way shall be freed from the easement as fully and completely as if this agreement had not been entered into.

FILED FOR RECORD AT THE REQUEST OF BRUMFIELD & DAVIS TITLE CO.
RECORDED IN RECORDS OF CLALLAM CO.
1969 MAY -8 AM 11:23
VOL. 325 388
ALICE C. THORNE, AUDITOR
CLALLAM COUNTY, WASH.
BY Deputy

89445

App. No. 33171

May 8, 1969

46130

Washington 05191-A 46130

The United States of America

06886

To all to whom these presents shall come, Greeting:

WHEREAS, There are now deposited in the Bureau of Land Management of the United States an application by the State of Washington and a decision of the Oregon State Office of said Bureau at Portland, Oregon, directing that a patent issue to the State of Washington under the provisions of the Act of Congress approved June 21, 1934 (48 Stat. 1185), entitled "An Act Authorizing the Secretary of the Interior to issue patents to the numbered school sections in place, granted to the States by the Act approved February 22, 1889, by the Act approved January 25, 1927 (44 Stat. 1026), and by any other Act of Congress," for the following numbered school section lands in place, granted for the support of common schools and the title to which vested in the State of Washington under the Act of February 22, 1889 (25 Stat. 676) upon its admission into the Union on November 11, 1889 (26 Stat. 1552):

Willamette Meridian, Washington.

T. 28 N., R. 2 W.,
Sec. 16, All. Jeff. Co

T. 30 N., R. 2 W.,
Sec. 16, Lot 1 and W½SW¼.

T. 30 N., R. 3 W.,
Sec. 16, All;
Sec. 36, Lots 3 and 4 and E½E½.

T. 30 N., R. 4 W.,
Sec. 16, All;
Sec. 36, All.

T. 31 N., R. 4 W.,
Sec. 36, Lots 3, 4, and 5, and S½SW¼.

T. 30 N., R. 5 W.,
Sec. 16, All;
Sec. 36, All.

T. 30 N., R. 6 W.,
Sec. 16, All;
Sec. 36, All.

T. 30 N., R. 7 W.,
Sec. 16, W½.

T. 31 N., R. 7 W.,
Sec. 36, Lots 1 and 5 and SW¼SW¼.

T. 30 N., R. 8 W.,
Sec. 16, All.

T. 31 N., R. 8 W.,
Sec. 36, Lot 1, W½NE¼, SE¼NE¼, W½, and SE¼.

T. 31 N., R. 9 W.,
Sec. 36, All.

T. 31 N., R. 11 W.,
Sec. 16, SE¼NE¼, W½E½, W½, and NE¼SE¼;
Sec. 36, All.

Patent Number 46-72-0049

9-12-72

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Washington 05191-A

T. 31 N., R. 12 W.,
Sec. 36, NE¼.

T. 32 N., R. 12 W.,
Sec. 16, Lot 1.

T. 28 N., R. 13 W.,
Sec. 16, E½, NE¼NW¼, S½NW¼, and SW¼;

T. 28 N., R. 14 W.,
Sec. 16, Lots 1 to 11, inclusive, NE¼NE¼, NW¼NW¼, NE¼SW¼, S½SW¼, and SW¼SE¼;
Sec. 36, All.

T. 28 N., R. 15 W.,
Sec. 16, Lots 1, 2, 3, and 4, NE¼, and E½SE¼;
Sec. 36, All.

Aggregating 12,088.65 acres;

FILED FOR RECORD AT THE REQUEST OF Dept of Natural Resources
RECORDED IN BOOKS OF RECORDS OF SAID CO.
1972 SEP 12 AM 11:23
385 432
ALICE C. TWOMEY, AUDITOR
CLALLAM COUNTY, WASH.
BY [illegible] DEPUTY

NOW, THEREFORE, KNOW YE, That the UNITED STATES OF AMERICA, in consideration of the premises, and in conformity with the said Act of Congress of June 21, 1934, and as evidence of the title which was granted to and vested in the State of Washington to the above-described lands on November 11, 1889, for the support of common schools, as aforesaid, and in confirmation of such title for such purpose, HAS GIVEN AND GRANTED, and by these presents DOES GIVE AND GRANT, unto the said State of Washington, and to its assigns, the lands above described; TO HAVE AND TO HOLD the same, together with all the rights, privileges, immunities, and appurtenances, of whatsoever nature, thereunto belonging, unto the said State of Washington, and to its assigns forever.

416130

[SEAL]

IN TESTIMONY WHEREOF, the undersigned authorized officer of the Bureau of Land Management, in accordance with the provisions of the Act of June 17, 1948 (62 Stat. 476), has, in the name of the United States, caused these letters to be made Patent, and the Seal of the Bureau to be hereunto affixed.

GIVEN under my hand, in Portland, Oregon the TWENTY-SEVENTH day of MARCH in the year of our Lord one thousand nine hundred and SEVENTY-TWO and of the Independence of the United States the one hundred and NINETY-SIXTH.

By _____
Chief, Branch of Lands and Minerals Operations

Patent Number 46-72-0049

VOL. 385 PAGE 433

GPO 847-847

4259860

4259860 0680

MODIFICATION AGREEMENT

WHEREAS, the Town of Sequim, a municipal corporation, obtained a right of way and easement over and across certain property located in the County of Clallam, State of Washington, from Florence M. Wagner, an unmarried woman, on or about the 8th day of October, 1953, which easement is recorded in Volume 231 of Deeds, page 524, records of said County and by this reference made a part of this agreement; and

WHEREAS, the said Florence M. Wagner has entered into a contract of sale for said property with Irvin Boyd and Helen Boyd, husband and wife, and

WHEREAS, the original easement, above referred to, provided for water connections through a 1-1/2 inch pipe and 3/4 inch service taps, and

WHEREAS, only one connection has been made, and,

WHEREAS, the said Irvin Boyd and Helen Boyd, husband and wife, wish to assert their right to the second connection and to divert water from the line at a point on the east side of said property rather than at the point described in the above referred to easement, and,

WHEREAS, the water line corssing this property carries untreated and unfiltered water which may not be fit for human consumption without further treatment and filtration and this is understood by Florence M. Wagner and Irvin Boyd and Helen Boyd, his wife, NOW, THEREFORE,

IT IS MUTUALLY AGREED in consideration of the Town of Sequim, agreeing to the relocation of the second connection that the easement granted Town of Sequim on or about October 8, 1953, by Florence M. Wagner, recorded in Volume 231 of Deeds, page 524, be and the same is hereby amended in the following respects:

1. Florence M. Wagner, Irvin Boyd and Helen Boyd, his wife,

4259860

VOL. 407 PAGE 29

8/16/73

their heirs, successors and assigns, release the Town of Sequim from any and all liability arising from the use of untreated water taken by reason of the two connections specified in this instrument.

2. The second water connection will be located at a point 1330.97 feet east of the Northwest corner of the Southwest Quarter, Section 30, Township 30 North, Range 3 W.W.M., Clallam County, Washington, and south thereof at the point where the existing easement intersects the county road.

3. It is further agreed that the Clallam County Health Department approval will be first obtained before any water taken from this line will be used for domestic purposes.

4. Water taken from each of the two permitted connections shall be limited to water for one house and outbuildings connected thereto.

IN WITNESS WHEREOF, the parties have hereunto set their hands at Sequim, Washington, this 15th day of August, 1973.

TOWN OF SEQUIM

by: Earl Wentz
MAYOR

ATTEST:

Ruby Trotter
Clerk

Horace M. Wagner

Irwin Boyd

Helen Boyd

vol. 407 page 350

8/14/73

STATE OF WASHINGTON)
) ss.
County of Clallam)

On this day personally appeared before me, FLORENCE M. WAGNER, an unmarried woman, and IRVIN BOYD and HELEN BOYD, husband and wife, to me known to be the individuals described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 16 day of August, 1973.

Marjorie M. Lovett
Notary Public in and for the State of Washington, residing at

FILED FOR RECORD AT THE REQUEST OF
L Boyd
1973 AUG 16 PM 2:17
407 349
Clallam Co. Wash.

VOL 407 PAGE 351

Rel. Bk 935 Pg

8/16/73

475983

12889

[Over-Under]

RIGHT OF WAY EASEMENT

For good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, owners of the land below described, hereby grant to Public Utility District No. 1 of Clallam County, a municipal corporation, the perpetual right to place, locate, construct, reconstruct, operate, repair, maintain, replace and keep clear thereon an overhead and/or underground electric transmission and distribution line or system, together with such communication lines and equipment as may be placed upon the poles or other structures thereof by the grantee or by others with its consent, including the right to cut and trim trees to the extent necessary to keep them clear of such line or system and to cut down, from time to time, all dead, weak, leaning or dangerous trees that are tall enough to strike the wires in falling.

The land referred to is in Clallam County, Washington, and described as follows:

ANY PART OF THE LAND DESIGNATED AS AN EASEMENT, PROVIDED FOR IN THE RECORD OF SURVEY MAP FOR ROBERT WILLIAMS, BEING A PORTION OF THE S.E.¼, SECTION 36, T. 30 N., R. 4 W., W.M. WHICH INCLUDES THE NORTH 30 FEET OF PARCEL ONE, AND THE WEST 60 FEET OF PARCELS 3, 4, 5, AND 6.

AN ADDITIONAL EASEMENT IS GRANTED ACROSS THE NORTHEAST CORNER OF PARCEL 1, EXTENDING A MAXIMUM OF 20 FEET SOUTH FROM THE SURVEY MARKER, AND 20 FEET WEST FROM THE SURVEY MARKER SET AT THE NORTHEAST CORNER OF PARCEL 1.

AN ADDITIONAL EASEMENT IS PROVIDED ACROSS THE NORTHEAST CORNER OF THE N.E.¼ of the N.E.¼ of the S.W.¼ of the S.W.¼ of Section 36, T. 30 N., R. 4 W. AS SHOWN ON THE ABOVE RECORD OF SURVEY MAP.

475983

Grantee shall at all times have the right to full and free ingress to and egress from said property for all purposes herein mentioned and to remove at any time any and all of the poles, wires and other articles constituting such electric system.

The rights herein granted shall inure to the benefit of the grantee's successors and assigns, including any party to which it may grant contact, joint user or other similar rights.

DATED AUGUST 1, 1977

Hilkka H. Williams

Robert L. Williams

WITNESS:

Mary L Park

Linda M Weil

FILED FOR RECORD AT THE REQUEST OF PUD #1

RECORDED IN RECORDS OF CLALLAM CO.

1977 DEC -7 PM 1:15

506 114

ALICE C. THORNE, AUDITOR

CLALLAM COUNTY, WASH.

BY Deputy

STATE OF WASHINGTON)
) ss.
COUNTY OF CLALLAM)

This is to certify that on this 1st day of August 1977 personally appeared before me HILKKA H. WILLIAMS and ROBERT LAWRENCE WILLIAMS, her spouse, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that she signed the same as her free and voluntary act and deed, for the uses and purposes therein mentioned.

Given under my hand and official seal this 1st day of August 1977.

Dawn D. Freeles

Notary Public in and for the State of Washington residing at Sequim

OLYMPIC PRINTERS, INC.

12/7/77

VOL 506 PAGE 114

NO. 9262
CLALLAM COUNTY
TRANSACTION EXCISE TAX 619.75

PAID FEB 5 1980

AMOUNT 619.75
COUNTY TREASURER
BY

504739

REAL ESTATE CONTRACT

THIS INDENTURE MADE and entered into this FIFTH day of JANUARY, 1980, between ALBERT HALLER, hereinafter called the Seller and JACK SALLEE and WINIFRED SALLEE, his wife, hereinafter called the Purchaser:

WITNESSETH: That the Seller agrees to sell to the Purchaser and the Purchaser agrees to purchase from the Seller real estate in Clallam County, State of Washington, commonly known as the Haller Farm and comprising 203 acres, more or less; AND legally described in Schedule "A" as attached hereto, which attachment, by this reference is incorporated into and made a part hereof.

THE TOTAL PURCHASE PRICE is SIX HUNDRED NINETEEN THOUSAND SEVEN HUNDRED FIFTY AND NO/100 ($619,750.00) DOLLARS; payable as follows: FIFTY THOUSAND DOLLARS ($50,000.00) as the down payment, the receipt of which is hereby acknowledged, with balance payable at FIFTY THOUSAND DOLLARS ($50,000.00) on or before the first day of June, 1980; AND, FIFTY THOUSAND DOLLARS ($50,000.00) will be paid not later than December 1, 1980.

SUBSEQUENTLY, Purchaser shall make payments in the amount of SEVENTY-TWO THOUSAND DOLLARS ($72,000.00) per annum not later than the first day of December in each succeeding calendar year until the contract balance and accrued interest shall have been fully paid.

THE PURCHASER further agrees to pay interest on the diminishing balance of said purchase price at the rate of EIGHT PERCENT (8%) per annum from the first day of December, 1979, which interest shall be computed on the diminishing principal balance.

NOTWITHSTANDING this stated payment schedule, Purchaser agrees to pay the entire contract balance, plus accrued interest, not later than December 1, 1989. It is further agreed that Seller shall not be required to accept payment(s) in reduction of principal balance during the year of sale (1980) when such payment(s), including down payment, shall constitute an amount in excess of twenty-nine percent (29%) of purchase price. After 1980 Purchaser may escalate payments.

ANY AND ALL PAYMENT(S) made under any of the several schedules recited hereinbefore shall apply first to interest computed to date of such payment(s) with remainder of payment(s) applied in reduction of principal balance.

THIS CONTRACT, together with fulfillment deed, shall be placed in escrow at Northwestern National Bank, Sequim Branch, Sequim, Washington, for, respectively, collection and delivery and all payments to be made hereunder shall be made at the said Bank.

DATE OF CLOSING as referred to in this contract shall be date of recordation of this instrument.

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SELLER AGREES TO CONVEY portions of the premises in parcels, of not less than five acres, to Purchaser upon reduction of balance owing, after down payment, by an amount equal to $2,000 per acre for lands in East one-half of premises and $3,500 per acre for lands in West one-half of premises, EXCEPT THAT Seller shall not be required to convey parcels in such manner that access to remaining parcels is impaired; such access shall be construed to be roadway reservation of lands at least SIXTY FEET in width on terrain readily negotiated by convential automobile.

SELLER WILL FURNISH irrigation waters to subject premises to the extent that such waters are available from the irrigation company supply. Such waters shall be made available for Purchaser's use at a point on the North line of County Road, through existing pipeline.

SELLER AGREES TO TRANSFER irrigation water to Purchaser in the manner recited in above paragraph for a fee of $500.00 per year; in addition Purchaser shall pay all Irrigation Company assessments. This agreement shall be binding upon Purchaser, his heirs, successors, or assigns for a period of ten years from date of purchase; thereafter water supply fee shall be negotiated on basis of cost to Seller. In the event that Seller does not so furnish water as agreed, Purchaser is granted easement over and across Seller's lands to existing reservoir for the purpose of adjusting such controls and making such repairs to water system as will provide the irrigation water. In the event of Seller's inability to physically supervise and maintain the irrigation water supply, for whatever reason or circumstance, Purchaser shall then maintain the system at his expense and Seller shall waive the annual $500.00 payment, said payment due on December 1 of each year.

PURCHASER AGREES and promises to repair irrigation pipeline leaks if any; a leak to constitute the escapement of waters in the amount of twenty-five gallons per minute or more; such repair shall be done within twenty days of discovery of such leak. In the event such leak is not timely repaired, Seller may discontinue water supply to Purchaser.

SELLER FURTHER RETAINS and reserves the right to discharge excess waters from his reservoir through the existing mainline for the purpose of flood control.

SELLER DOES NOT guarantee delivery of water.

SELLER OWNS, of record, certain lands Southerly of the County Road (known as Duncan Road) comprising 35 acres, more or less, upon seven acres of which lands the water reservoir serving the subject lands, and also personal residence of Seller, are located. The seven acres is a triangular parcel described as follows: The West seven acres of that portion of the Southwest Quarter of the Northeast Quarter of Section 2, Township 29 North, Range 4 West W.M., lying South of the County Road (known as Duncan Road) and lying Northerly of the Agnew Irrigation Canal. Should the Seller receive from a third party during the term of the Contract or at any time thereafter, a bona-fide offer to purchase said seven acres at a specified price, whether such price be fixed by Seller or the third party, and Seller shall decide to sell the same for such amount, Seller shall promptly give to Purchaser written notice of the terms of such offer, and of Seller's willingness to sell for the price offered, and Purchaser shall have the first refusal and privilege (which will hereafter by referred to as "First Rights of Refusal") of purchasing said premises at such price; such first right of refusal to be exercised within twenty (20)

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days after Purchaser receives notice from Seller, by Purchaser's notifying Seller that he will purchase said premises for the amount specified in said offer. In the event Purchaser shall not give Seller notice within said twenty (20) day period, of his election to purchase for the amount specified in said offer, Seller may thereafter sell said premises to the party making the offer. If for any reason said premises are not sold to such party, notice of any subsequent bona-fide offers, acceptable to Seller, shall be given to Purchaser upon the same terms and conditions for acceptance or rejection as hereinabove provided.

THE PURCHASER assumes and agrees to pay before delinquency all taxes and assessments that may as between Seller and Purchaser hereafter become a lien on said real estate.

THE PURCHASER agrees that full inspection of said real estate has been made and that neither the Seller nor his assigns shall be held to any covenant respecting the condition of the lands.

THE PURCHASER assumes all hazards of damage to or destruction of any improvements now on said real estate or hereafter placed thereon, and of the taking of said real estate or any part thereof for public use; and agrees that no such damage, destruction or taking shall constitute a failure of consideration. In case any part of said real estate is taken for public use, the portion of the condemnation award remaining after payment of reasonable expenses of procuring the same shall be paid to the Seller and applied as payment on the purchase price herein unless the Seller elects to allow the Purchaser to apply all or a portion of such condemnation award to the rebuilding or restoration of any improvements damaged by such taking. In case of damage or destruction from a peril insured against, the proceeds of such insurance remaining after payment of the reasonable expense of procuring the same shall be devoted to the restoration or rebuilding of such improvements within a reasonable time, unless Purchaser elects that said proceeds shall be paid to the Seller for application on the purchase price herein.

THE SELLER has delivered a commitment for a Purchaser's policy of title insurance in standard form, issued by Transamerica Title Insurance Company, insuring the Purchaser to the full amount of said purchase price against loss or damage by reason of defect in Seller's title to said real estate as of the date of closing and containing no exceptions other than printed general exceptions appearing in said policy form.

THE SELLER agrees, upon receiving full payment of the purchase price and interest in the manner above specified, to execute and deliver to Purchaser a warranty deed to said real estate, excepting any part thereof hereafter taken for public use, free of encumbrances except any that may attach after date of closing through any person other than the Seller.

THE PURCHASER shall be entitled to possession of said real estate on date of closing and to retain possession so long as Purchaser is not in default hereunder.

IN CASE THE Purchaser fails to make any payment herein provided, the Seller may make such payment, and any amounts so paid by the Seller, together with interest at the rate of 12% per annum thereon from date of payment until repaid, shall be repayable by Purchaser on Seller's demand, all without prejudice to any other right the Seller might have by reason of such default.

504739

TIME IS OF the essence of this Contract, and it is agreed that in case the Purchaser shall fail to comply with or perform any condition or agreement hereof or to make any payment required hereunder promptly at the time and in the manner herein required, the Seller may elect to declare all the Purchaser's rights hereunder terminated, and upon his doing so, all payments made by the Purchaser hereunder and all improvments placed upon the real estate shall be forfeited to the Seller as liquidated damages, and the Seller shall have right to re-enter and take possession of the real estate; and no waiver by the Seller of any default on the part of the Purchaser shall be construed as a waiver of any subsequent default.

SERVICE UPON Purchaser of all demands, notices or other papers with respect to forfeiture and termination of Purchaser's rights may be made by United States Mail, postage pre-paid, return receipt requested, directed to the Purchaser at his address last known to the Seller.

UPON SELLER'S election to bring suit to enforce any covenant of this Contract, including suit to collect any payment required hereunder, the Purchaser agrees to pay Seller's attorney's fees and all costs and expenses in connection with such suit which sums shall be included in any judgment or decree entered in such suit.

IF THE SELLER shall bring suit to procure an adjudication of the termination of the Purchaser's rights hereunder and judgment is so entered, the Purchaser agrees to pay Seller's attorney's fees and all costs and expenses in connection with such suit, and also the reasonable cost of searching records to determine the condition of title at the date such suit is commenced, which sums shall be included in any judgment or decree entered in such suit.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date first written above.

Albert Haller

Albert Haller

Jack Sallee

Jack Sallee

Winifred Sallee

Winifred Sallee

STATE OF WASHINGTON]
COUNTY OF CLALLAM] ss.

On this day personally appeared before me ALBERT HALLER to me known to be the individual described in and who executed the within and foregoing instrument and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 30th day of January, 1980.

Notary Public in and for the State of Washington, residing at Sequim.

VOL 569 PAGE 266

504739

2-5-80

SCHEDULE "A"

LEGAL DESCRIPTION:

Those portions of the Southeast Quarter of Section 35, Township 30 North, Range 4 West, W.M., AND Government Lots 1, 2, and 3, AND the Southwest Quarter of the Northeast Quarter of Section 2, Township 29 North, Range 4 West, W.M., all in Clallam County, Washington, described as follows:

Beginning at the Northwest Corner of the Southeast Quarter of said Section 35;

thence South 88°14'53" East along the North line of said Southeast Quarter, approximately 2,560 feet to the centerline of the Dungeness River;

thence Southerly along said centerline, approximately 805 feet to the East line of said Southeast Quarter;

thence South 1°28'43" West along the East line of said Southeast Quarter, approximately 951 feet to the centerline of said Dungeness River;

thence Southerly along said centerline, approximately 2,350 feet to a point on the Easterly prolongation of the North line of Parcel 2, as delineated on the survey recorded in Volume 2 of Surveys, page 8, records of Clallam County, Washington;

thence North 88°18'39" West, approximately 118 feet to a pipe on the North line of said Parcel 2;

thence continuing North 88°18'39" west along said North line, a distance of 223.15 feet to a nail in a fence post as delineated on said Survey;

thence North, a distance of 20.92 feet;

thence North 62°48'09" West, a distance of 234.16 feet to a tangent curve concave to the South, having a radius of 250.00 feet;

thence Westerly along said curve through a central angle of 39°03'43", a distance of 170.44 feet;

thence South 78°08'08" West, a distance of 18.54 feet to a tangent curve concave to the South and having a radius of 700.00 feet;

thence Southwesterly along said curve through a central angle of 21°59'05", a distance of 268.59 feet;

thence South 56°09'03" West, a distance of 439.20 feet;

thence South 54°12'34" West, a distance of 667.10 feet to a tangent curve concave to the North and having a radius of 188.83 feet;

thence Westerly along said curve through a central angle of 23°01'10", a distance of 75.86 feet to the beginning of a reverse curve concave to the South, having a radius of 209.85 feet, a radial line through said point bears North 12°46'16" West;

thence Southwesterly along said curve through a central angle of 20°46'00", a distance of 76.06 feet;

thence South 56°27'44" West, a distance of 77.96 feet to the West line of said Southwest Quarter of the Northeast Quarter;

thence North 00°45'56" West along said West line, a distance of 250.68 feet to the Southeast Corner of said Government Lot 3;

thence North 88°12'07" West along the South line of said Government Lot 3, a distance of 60.06 feet to the Southwest Corner of the East 60.00 feet of said Government Lot 3;

thence North 00°45'56" West, parallel with the East line of said Government Lot 3, a distance of 1,951.84 feet to the South line of said Southeast Quarter of Section 35;

thence North 88°18'39" West along the South line of said Southeast Quarter, a distance of 205.97 feet to the Southwest Corner of said Southeast Quarter;

50439

2-5-80

Legal Description

thence North 1°42'12" East along the West line of said Southeast Quarter, a distance of 2,657.38 feet to the Point of Beginning.

EXCEPT the West 30.00 feet of the Southeast Quarter of said Section 36.

ALSO TOGETHER WITH that portion of the West Half of the Southwest Quarter of Section 36, Township 30 North, Range 4 West, W.M., Clallam County, Washington, lying West of the centerline of the Dungeness River.

SUBJECT TO: Easements to United States of America and to Public Utility District No. 1 of Clallam County as evidenced by instruments recorded under Clallam County Auditor's Files Nos. 241502, 384081, and 413459;

AND SUBJECT TO Reservation of mineral rights in Treasurer's Deed recorded January 10, 1964, under Clallam County Auditor's File No. 345060 and re-recorded under No. 345239.

594739

FILED FOR RECORD AT THE REQUEST OF [redacted]
RECORDED IN RECORDS OF CLALLAM CO.
1980 FEB -5 AM 10:02
569 PAGE 263
CLIFF C. THORNE, AUDITOR
CLALLAM COUNTY, WASH
BY [signature] DEPUTY

2-5-80

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

OREGON STATE OFFICE
P.O. Box 2965 (825 NE Multnomah Street)
Portland, Oregon 97208

(943)

5386 15

January 11, 1983
(Date)

TO WHOM IT MAY CONCERN:

I HEREBY CERTIFY That the attached reproduction is a copy of a document on file in this office.

IN TESTIMONY WHEREOF I have hereunto subscribed my name and caused the seal of this office to be affixed on the above day and year.

Harold A. Berends
(Authorized Signature)

5386 45

5386 45

(930-1270-1
(May 1982)

VOL 641 PAGE 111

1-12-83

Form 1088-6
(March 1967)
(formerly 4-1047)

Washington 05191-A

The United States of America

To all to whom these presents shall come, Greeting:

WHEREAS, There are now deposited in the Bureau of Land Management of the United States an application by the State of Washington and a decision of the Oregon State Office of said Bureau at Portland, Oregon, directing that a patent issue to the State of Washington under the provisions of the Act of Congress approved June 21, 1934 (48 Stat. 1185), entitled "An Act Authorizing the Secretary of the Interior to issue patents to the numbered school sections in place, granted to the States by the Act approved February 22, 1889, by the Act approved January 25, 1927 (44 Stat. 1026), and by any other Act of Congress," for the following numbered school section lands in place, granted for the support of common schools and the title to which vested in the State of Washington under the Act of February 22, 1889 (25 Stat. 676) upon its admission into the Union on November 11, 1889 (26 Stat. 1552):

Willamette Meridian, Washington.

T. 28 N., R. 2 W.,
Sec. 16, All.

T. 30 N., R. 2 W.,
Sec. 16, Lot 1 and W½SW¼.

T. 30 N., R. 3 W.,
Sec. 16, All;
Sec. 36, Lots 3 and 4 and E½E½.

T. 30 N., R. 4 W.,
Sec. 16, All;
Sec. 36, All.

T. 31 N., R. 4 W.,
Sec. 36, Lots 3, 4, and 5, and S½NW¼.

T. 30 N., R. 5 W.,
Sec. 16, All;
Sec. 36, All.

T. 30 N., R. 6 W.,
Sec. 16, All;
Sec. 36, All.

T. 30 N., R. 7 W.,
Sec. 16, W½.

T. 31 N., R. 7 W.,
Sec. 36, Lots 1 and 5 and SW¼SW¼.

T. 30 N., R. 8 W.,
Sec. 16, All.

T. 31 N., R. 8 W.,
Sec. 36, Lot 1, W½NE¼, SE¼NE¼, W½, and SE¼.

T. 31 N., R. 9 W.,
Sec. 36, All.

T. 31 N., R. 11 W.,
Sec. 16, SE¼NE¼, W½E½, W½, and NE¼SE¼;
Sec. 36, All.

Patent Number 46-72-0049

VOL 641 PAGE 112

GPO 837 966

538645

1-12-83

Form 1866-16
(March 1985)
(formerly 4-1866)
Washington 05191-A

5386645

T. 31 N., R. 12 W.,
Sec. 36, NE¼.

T. 32 N., R. 12 W.,
Sec. 16, Lot 1.

T. 28 N., R. 13 W.,
Sec. 16, E½, NE¼NW¼, S½NW¼, and SW¼.

T. 28 N., R. 14 W.,
Sec. 16, Lots 1 to 11, inclusive, NE¼NE¼, NW¼NW¼, N½SW¼, S½SW¼, and SW¼SE¼;
Sec. 36, All.

T. 28 N., R. 15 W.,
Sec. 16, Lots 1, 2, 3, and 4, NE¼, and E½SE¼;
Sec. 36, All.

Aggregating 12,088.65 acres;

NOW, THEREFORE, KNOW YE, That the UNITED STATES OF AMERICA, in consideration of the premises, and in conformity with the said Act of Congress of June 21, 1934, and as evidence of the title which was granted to and vested in the State of Washington to the above-described lands on November 11, 1889, for the support of common schools, as aforesaid, and in confirmation of such title for such purpose, HAS GIVEN AND GRANTED, and by these presents DOES GIVE AND GRANT, unto the said State of Washington, and to its assigns, the lands above described; TO HAVE AND TO HOLD the same, together with all the rights, privileges, immunities, and appurtenances, of whatsoever nature, thereunto belonging, unto the said State of Washington, and to its assigns forever.

Darrel Kaplan

1983 JAN 12 PM 12 2

644 111

(SEAL)

By B Brand

IN TESTIMONY WHEREOF, the undersigned authorized officer of the Bureau of Land Management, in accordance with the provisions of the Act of June 17, 1948 (62 Stat. 476), has, in the name of the United States, caused these letters to be made Patent, and the Seal of the Bureau to be hereunto affixed.

GIVEN under my hand, in Portland, Oregon the TWENTY-SEVENTH day of MARCH in the year of our Lord one thousand nine hundred and SEVENTY-TWO and of the Independence of the United States the one hundred and NINETY-SIXTH.

By _____
Chief, Branch of Lands and Minerals Operations

Patent Number 46-72-0049

386 Port Williams Rd
Sequim

2

VOL 644 PAGE 119

1-12-83

570891

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
BRIAN J. BOYLE, Commissioner of Public Lands

Easement No. CR-3201

THIS EASEMENT, made and entered into this 23rd day of September, 1985, by and between CLALLAM COUNTY, herein called the "Grantee," and the STATE OF WASHINGTON, acting by and through the Department of Natural Resources, herein called the "State," WITNESSETH:

The State for and in consideration of the terms and conditions specified herein, hereby grants and convey to the Grantee:

An easement for a right of way for the sole purpose of construction, operation, use, and maintenance of a road over and across a location as shown on Plat No. CR-3201 filed in the office of the Commissioner of Public Lands at Olympia, Washington, copies of which are attached as Exhibits A, B, C, D, E, F, G, H, I, J, K, L, M, A-1, B-1, C-1, D-1, E-1, F-1, G-1, H-1, I-1, J-1, K-1, L-1, M-1, A-2, B-2, C-2, D-2, E-2, F-2, and G-2, indicating said right of way in red, and by this reference made a part hereof, all in Clallam County, Washington. Provided, the Grantee may permit the installation of utilities specifically pertaining to electronic transmission lines, telephone lines, or pipelines but for no other purposes.

This easement granted herein is subject to the following terms, conditions, and provisions:

Subject, however, to an easement for right of way for an access road granted to the United States of America, Bonneville Power Administration on March 1, 1965, under Application No. 30216.

Subject, however, to an easement for right of way for a buried cable granted to Pacific Northwest Bell Telephone Company on July 15, 1975, under Application No. 38183.

570891

Consideration

The consideration paid by the Grantee to the State is as follows:

None: The benefits accruing to the State from the granting the public access rights offset the damage done to the land by the same grant.

Damage and Protection from Damage

Grantee, when using the rights granted herein, shall repair or cause to be repaired at its sole cost and expense, all damage to improvements on State lands occasioned by it, which is in excess of that which it would cause through normal and prudent use of said rights.

All legal land subdivision survey corners and witness objects are to be preserved. If such are destroyed or disturbed, the Grantee shall re-establish them by a registered professional engineer or licensed land surveyor in accordance with U. S. General Land Office standards at his own expense. Corners and/or witness objects that must necessarily be disturbed or destroyed in process of construction must be adequately referenced and/or replaced in accordance with all applicable laws of the State of Washington in force at the time of construction, reconstruction, or development of the right of way including but not limited to chapter 58.24 RCW, and all Department of Natural Resources rules and regulations pertaining to preservation of such corners and/or witness objects. Such references must be approved by the State prior to removal of said corners and/or witness objects.

The Grantee shall prevent the establishment of weeds upon, and the spread of weeds from, any portion of the right of way herein granted which is adjacent to cultivated State lands and shall further comply with the county noxious weed control board rules and regulations established under the Uniform Noxious Weed Control Statute (Chapter 113, Laws of 1969 Ex. Sess.). Payment of weed control costs will be the Grantee's responsibility.

In the event the county noxious weed control board directs the Grantee to control weeds or the Grantee elects to kill or control the growth of weeds and/or brush by chemical treatment within or in proximity to said right of way, he shall use only those chemical agents, the container labels of which have been registered with the Washington State Department of Agriculture. Such use must be in accordance with the labeled directions and approved of jointly by the Washington State Department of Agriculture and the County Extension Agent before commencement of any control program.

Preoperating Requirement

The Grantee's operations specified herein shall be conducted in accordance with the provisions of the State approved Plan of Operation in force at the time of construction, reconstruction, or development of the right of way.

Provided, however, thirty (30) days prior to commencement of said operations, the Grantee shall submit to the Area Manager at Forks, Washington, for written approval, a complete and detailed Plan of Operation for the development of the right of way. The Grantee shall provide for the examination of the right of way, with the State's Area Manager, before any construction, reconstruction, or development is commenced.

Facility Protection

Trees that become an interference or a hazard to the rights herein granted and located outside of the limits of said right of way may be removed upon obtaining the written consent of the State, and payment of the appraised value thereof.

Restoration

It is understood and agreed that in the event any portion of the road described herein is abandoned, or in the event any portion of the right of way granted on November 12, 1952 under Application Number F1827 is abandoned as a result of the rights granted herein, the Grantee shall take the necessary legal action to vacate such portions and shall immediately restore the land within all abandoned portions to a natural condition as may be directed by the State.

Notice of Noncompliance

The State shall notify the Grantee by United States mail, addressed to the address shown on the application for this easement on file with the State in Olympia, Washington, of any instance of noncompliance by the Grantee, its employees, permittees, contractors or subcontractors with any of the terms and conditions hereof. Such notice will specifically identify the manner of noncompliance herewith.

In the event the Grantee does not undertake, or cause to be undertaken, remedial action within fifteen (15) days following receipt of said notice, the State, acting by and through its Area Manager at Forks, Washington, may suspend the Grantee's operations until such time as effective remedial action is taken.

IN WITNESS WHEREOF, the parties hereto have executed this instrument, in duplicate, as of the day and year first above written.

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

ROY E. FRISP, Manager
Timber Sales Division

570891

BOARD OF COUNTY COMMISSIONERS
CLALLAM COUNTY

Chairman

Commissioner

Commissioner

223 East Fourth Street
Port Angeles, WA 98362

App. No. CR-3201
353013

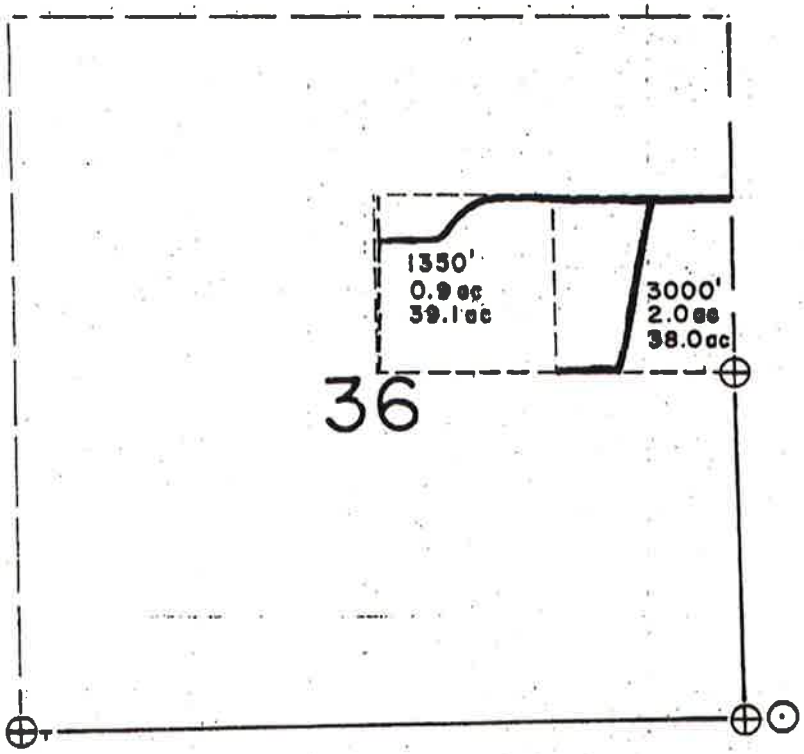
716 441

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
BRIAN J. BOYLE—COMMISSIONER OF PUBLIC LANDS

Form No. _____ County CLALLAM

Name _____

T 30 N R 4 W W.M.



R/W = 30'
SCALE: 1" = 1000'

DRAWN BY: DE
DATE: 2-15-85

EXHIBIT 1

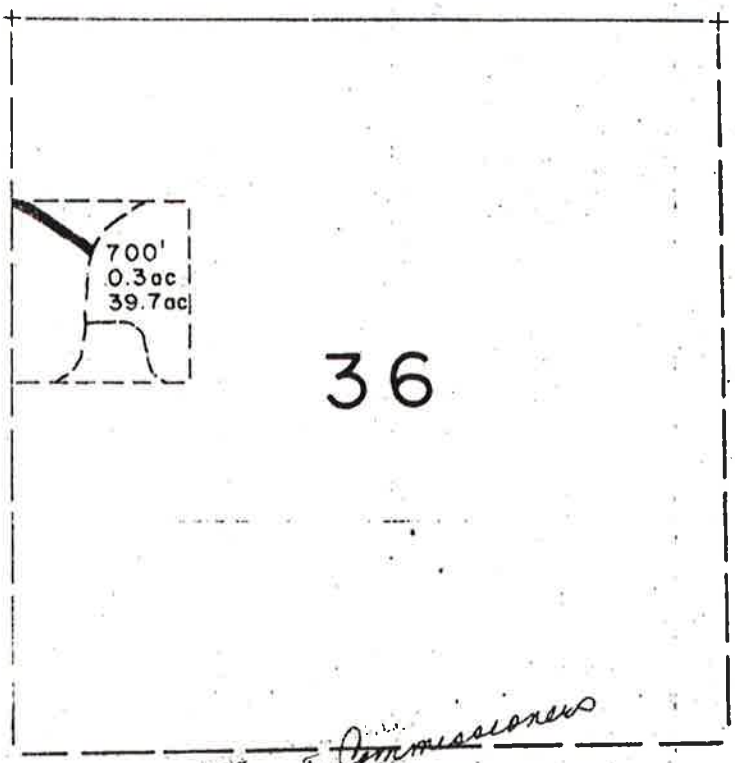
VOL. 716 PAGE 450

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
BRIAN J. BOYLE—COMMISSIONER OF PUBLIC LANDS

W-M No. _____
Name _____

County CLALLAM

T 31 N R 15W W.M.



County Commissioners

'85 SEP 27 AM 9 21

716 440

By G Brown

168075

R/W = 20'
SCALE: 1"=1000'

DRAWN BY: DE
DATE: 9-21-85

EXHIBIT B

716 774

Commissioners

579700

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
BRIAN J. BOYLE, Commissioner of Public Lands

CLALLAM CO

JUN 20 10 08

Easement No. CR 3228

By 1st.....2nd.....3rd.....

THIS EASEMENT, made and entered into this 18th day of June, 1986, by and between CLALLAM COUNTY, herein called the "Grantee," and the STATE OF WASHINGTON, acting by and through the Department of Natural Resources, herein called the "State," WITNESSETH:

The State for and in consideration of the terms and conditions specified herein, hereby grants and conveys to the Grantee:

An easement for a right of way for the sole purpose of construction, operation, use, and maintenance of a road over and across a location as shown on Plat No. CR 3228 filed in the office of the Commissioner of Public Lands at Olympia, Washington, a reduction of which is attached as Exhibit A, indicating said right of way in red, and by this reference made a part hereof, all in Clallam County, Washington. Provided, the Grantee may permit the installation of utilities specifically pertaining to electronic transmission lines, telephone lines, or pipelines but for no other purposes.

This easement granted herein is subject to the following terms, conditions, and provisions:

Consideration

The consideration paid by the Grantee to the State is as follows:

Timber	148.00
Damages	1,146.00
TOTAL	$1,294.00

Damage and Protection from Damage

Grantee, when using the rights granted herein, shall repair or cause to be repaired at its sole cost and expense, all damage to improvements on State lands occasioned by it, which is in excess of that which it would cause through normal and prudent use of said rights.

During operations under this easement, including the construction of roads and landings, the Grantee shall take such precautions as necessary to minimize insofar as possible, soil erosion and damage to the soil. Equipment will not be operated when ground conditions are such that excessive damage will result.

All soil surfaces on the right of way, temporary roads and skid trails which are devoid of natural cover as a result of the operations hereunder, shall be reseeded to a grass mixture recommended by the local office of the County Extension Agent.

All legal land subdivision survey corners and witness objects are to be preserved. If such are destroyed or disturbed, the Grantee shall re-establish them by a registered professional engineer or licensed land surveyor in accordance with U. S. General Land Office standards at his own expense. Corners and/or witness objects that must necessarily be disturbed or destroyed in process of construction must be adequately referenced and/or replaced in accordance with all applicable laws of the State of Washington in force at the time of construction, reconstruction, or development of the right of way including but not limited to chapter 58.24 RCW, and all Department of Natural Resources rules and regulations pertaining to preservation of such corners and/or witness objects. Such references must be approved by the State prior to removal of said corners and/or witness objects.

The Grantee shall prevent the establishment of weeds upon, and the spread of weeds from, any portion of the right of way herein granted which is adjacent to cultivated State lands and shall further comply with the county noxious weed control board rules and regulations established under the Uniform Noxious Weed Control Statute (Chapter 17.10 RCW). Payment of weed control costs will be the Grantee's responsibility.

In the event the county noxious weed control board directs the Grantee to control weeds or the Grantee elects to kill or control the growth of weeds and/or brush by chemical treatment within or in proximity to said right of way, he shall use only those chemical agents, the container labels of which have been registered with the Washington

579700

VOL 738 PAGE 378

te Department of Agriculture. Such use must be in accordance with the labeled directions and approved of jointly by the Washington State Department of Agriculture and the County Extension Agent before commencement of any control program.

Preoperating Requirement

The Grantee's operations specified herein shall be conducted in accordance with the provisions of the State approved Plan of Operation in force at the time of construction, reconstruction, or development of the right of way.

Provided, however, thirty (30) days prior to commencement of said operations, the Grantee shall submit to the Area Manager at Forks, Washington, for written approval, a complete and detailed Plan of Operation for the development of the right of way. The Grantee shall provide for the examination of the right of way, with the State's Area Manager, before any construction, reconstruction, or development is commenced.

Facility Protection

Trees that become an interference or a hazard to the rights herein granted and located outside of the limits of said right of way may be removed upon obtaining the written consent of the State, and payment of the appraised value thereof.

Restoration

It is understood and agreed that in the event any portion of the road described herein is abandoned, or in the event any portion of the right of way granted on August 13, 1920 under Application Number CR 594 is abandoned as a result of the rights granted herein, the Grantee shall take the necessary legal action to vacate such portions and shall immediately restore the land within all abandoned portions to a natural condition as may be directed by the State.

On those portions designated for restoration, all asphalt shall be removed from the abandoned right of way and shall not be deposited on the adjacent State land; in addition, the land surface shall be scarified to blend with the adjoining landscape.

Notice of Noncompliance

The State shall notify the Grantee by United States mail, addressed to the address shown on the application for this easement on file with the State in Olympia, Washington, of any instance of noncompliance by the Grantee, its employees, permittees, contractors or subcontractors with any of the terms and conditions hereof. Such notice will specifically identify the manner of noncompliance herewith.

In the event the Grantee does not undertake, or cause to be undertaken, remedial action within fifteen (15) days following receipt of said notice, the State, acting by and through its Area Manager at Forks, Washington, may suspend the Grantee's operations until such time as effective remedial action is taken.

IN WITNESS WHEREOF, the parties hereto have executed this instrument, in duplicate, as of the day and year first above written.

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

ROY E. FRIIS, Manager
Timber Sales Division

BOARD OF COUNTY COMMISSIONERS
CLALLAM COUNTY

Chairman

Commissioner

Commissioner

223 East Fourth Street
Port Angeles, WA 98362-3098

App. No. CR 3228
4005(11)22

VOL 738 PAGE 379

County Road Dept

1986 JUL -9 AM 10 23

738 328

BY

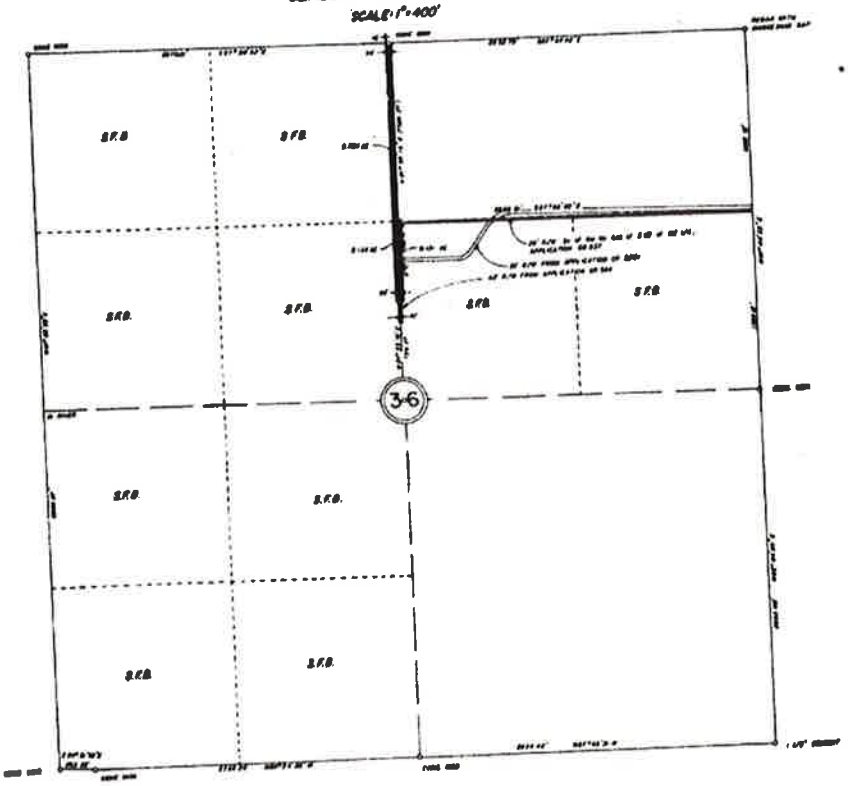
RIGHT OF WAY PLAT

CLALLAM COUNTY ENGINEERING DEPARTMENT

SEC. 36, TWP. 30N, RGE. 4 W.W.M.

CLALLAM COUNTY, WASH.

SCALE: 1"=400'



CERTIFICATE

I, GENE H. UNGER, COUNTY ENGINEER FOR CLALLAM COUNTY DO HEREBY CERTIFY THAT THIS PLAT ACCURATELY REPRESENTS THE PROPOSED LOCATION OF THAT PORTION OF RIVER ROAD #93150 PLANNED FOR RECONSTRUCTION UNDER CRP #933 IN SECTION 36, TOWNSHIP 30N, RANGE 4W WM

COUNTY ENGINEER

JANUARY 1986

8/14/86

CR-3228

527872

527700

VOL 738 PAGE 380

EXHIBIT A

590072

590072

LEGAL DESCRIPTION

That portion of the S.E. 1/4 of Sec. 35, T.30N., R.4W., W.M., Clallam County, Washington, described as follows:

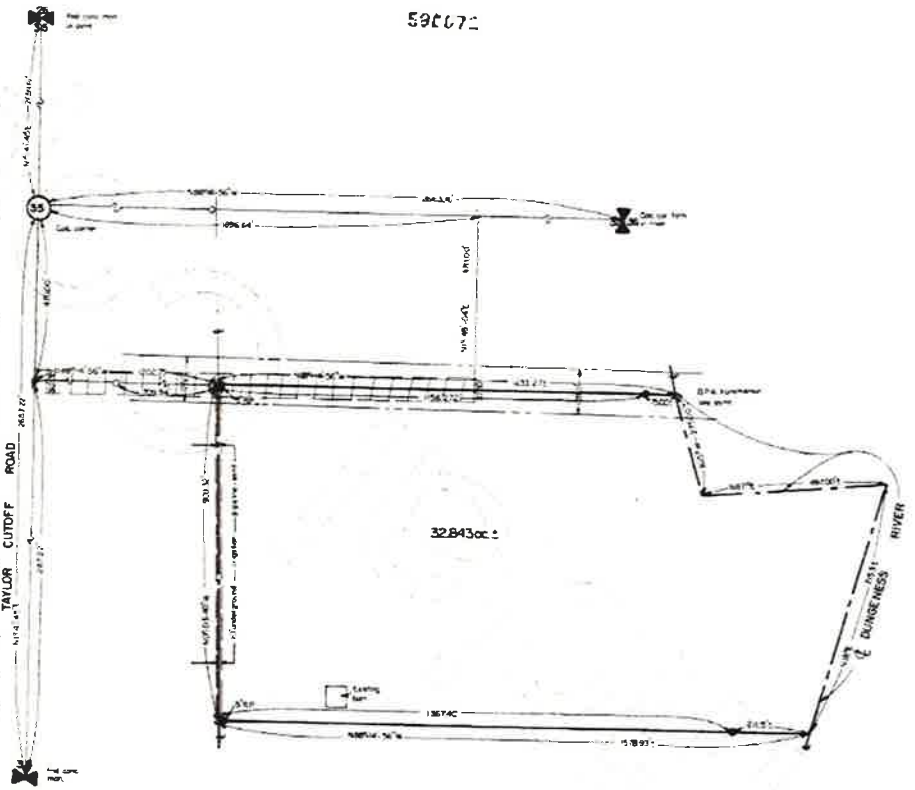
Commencing at the S. 1/4 Cor. of Sec. 35, T.30N., R.4W., W.M.; thence N. 1°-41'-45"E. along the North-South centerline of Sec. 35, a distance of 2187.22 ft.; thence S.88°44'-56"E., parallel with the East-West centerline of Sec. 35, a distance of 1202.75 ft. to the intersection of the centerline of a North-South underground pipeline and the TRUE POINT OF BEGINNING; thence continuing S.88°44'-56"E., a distance of 1233.27 ft. more or less to the centerline of the Dungeness River; thence along the centerline of the Dungeness River the following courses and distances; S. 15°E., a distance of 275.00 ft.; thence N.87°E., a distance of 497.00 ft.; thence S. 18°W., a distance of 715.27 ft.; thence N.88°44'-56"W. parallel with the East-West centerline of Sec. 35, a distance of 1578.93 ft. more or less to the intersection of a North-South underground irrigation pipeline; thence N.0°-05'-40"W along the centerline of said irrigation pipeline a distance of 909.32 ft. to the TRUE POINT OF BEGINNING.

TOGETHER WITH an easement for ingress, egress, and utilities over and across a strip of land 60 ft. in width, the centerline of which is described as follows.

Commencing at the N. 1/4 Cor. of Sec. 35 T.30N., R.4W., W.M., Clallam County, Washington; thence S. 1°-41'-45"W. along the North-South centerline of said Section, 2659.64 ft.; thence S.88°44'-56"E., 1896.64 ft.; thence S. 1°-45'-04"W., 470.00 ft. to the easterly terminus of said easement centerline and the point of beginning of this centerline description; thence N.88°44'-56"W. approximately 870 ft. to Taylor Cut-off road and the terminus of this centerline description.

RESERVING unto the grantor, their heirs, successors and assigns an easement 8.0 ft. in width extending from the Northerly extremities of the cul-de-sac along the South line to the point of intersection with the Dungeness River. It being the intent to reserve a non-exclusive path and access to the river for the seller, their heirs, successors, and assigns.)

Containing 32.843 acres more or less.



SURVEYOR'S CERTIFICATE

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Survey Recording Act at the request of Mr. and Mrs. Jack Sollee

David Cummins L.S.
Certificate NR 22329

AUDITOR'S CERTIFICATE

Filed for record this 16 day of April, 1987, at 11:00 A.M., in Vol. 12 of Surveys, on Pg. 115 at the request of Mr. David Cummins.

MARY HARDYK, County Auditor — Deputy

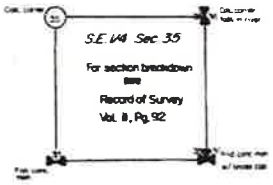
BASIS OF BEARING

The basis of bearing for this survey is N.1°-41'-45"E along the West line of the S.E. 1/4 of Sec. 35, T.30N., R.4W., W.M., as shown on that Record of Survey recorded in Vol. 11 of Surveys, on Pg. 92, Clallam County Records, Clallam County, Washington.

LEGEND

- ● Set rebar w/ cap "L.S. 22329"
- ○ Fnd. rebar w/ cap "L.S. 8104" in conc.
- Exist. for ingress, egress, and utilities

SCALE-1"=2000'



RECORD OF SURVEY
OF A PORTION OF
S.E. 1/4, Sec. 35, T.30N., R.4W., W.M.
CLALLAM COUNTY, WASHINGTON

for

Mr. and Mrs. Jack Sollee

Surveyed By

David Cummins

Sequim, Washington — April, 1987

VOL 12 PAGE 115

665190

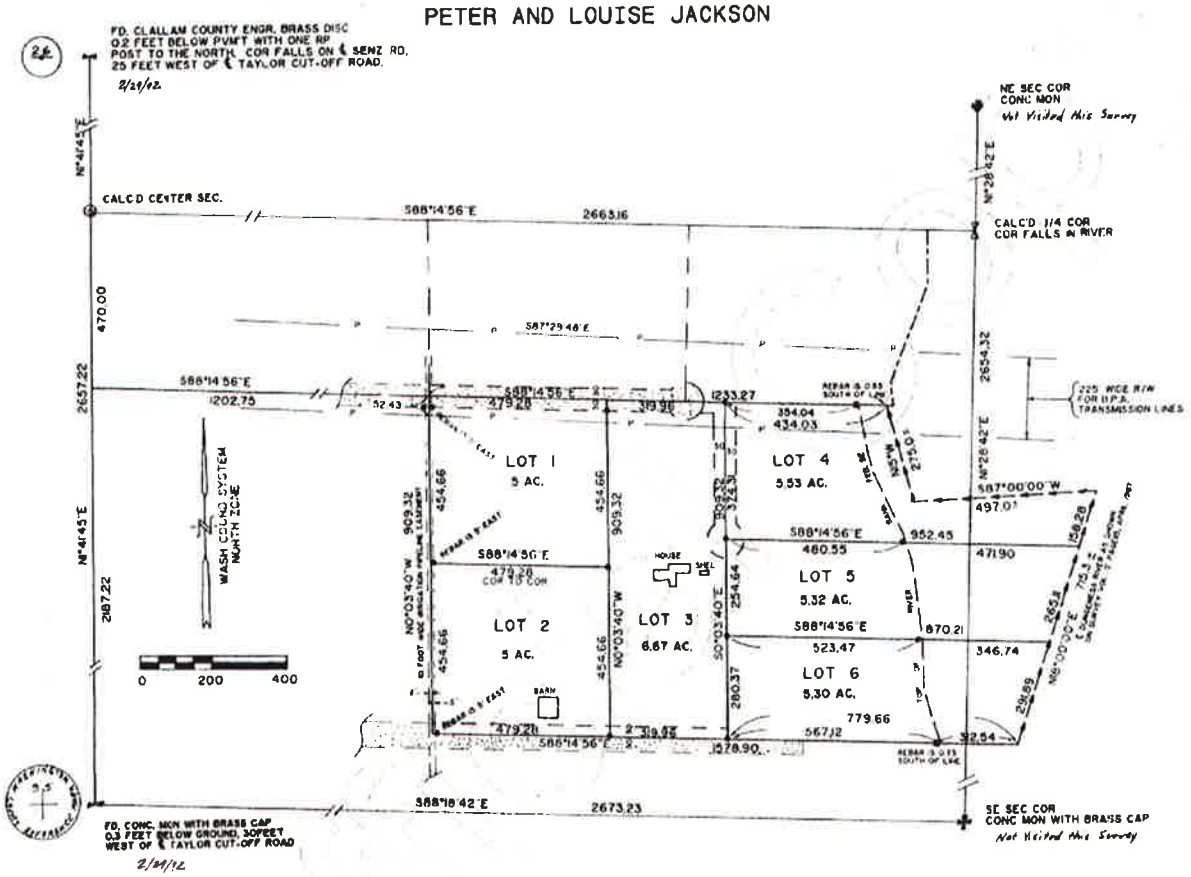
RECORD OF SURVEY

A PORTION OF THE SE 1/4, SECTION 35, T.30N., R.4W., W.M.

CLALLAM COUNTY, WASHINGTON

665190 FOR

PETER AND LOUISE JACKSON



LEGEND

- ● SET REBAR AND PLASTIC CAP "REB ASSOC. LS 22710"
- ■ FOUND REBAR AND PLASTIC CAP "LS 22329"
- EXISTING EASEMENTS FOR INGRESS, EGRESS AND UTILITIES
- NON EXCLUSIVE EASEMENT FOR INGRESS, EGRESS AND UTILITIES

NOTES

1. THE BASIS OF BEARING IS N°41'45"E ALONG THE NORTH-SOUTH CENTERLINE OF SECTION 35.
2. THE SECTION SUBDIVISION USED FOR THIS SURVEY IS FROM RECORD OF SURVEY FILED VOL 11, PAGE 92, CLALLAM COUNTY, WASHINGTON.
3. THE FIRST SURVEY OF THIS PARCEL AS WELL AS THE LEGAL DESCRIPTION ARE FILED AS RECORD OF SURVEY VOL. 12, PAGE 116, CLALLAM COUNTY, WASHINGTON.
4. THIS SURVEY WAS DONE BY FIELD TRAVERSE USING A ONE SECOND ELECTRONIC TOTAL STATION AND A STEEL TAPE.

SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF PETER AND LOUISE JACKSON.

Richard E. Bergeron

RICHARD E BERGERON, P.L.S. 22710
SURVEYED AND MONUMENTED 2/29/92

Richard E. Bergeron
Rev. 2/26/93

AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS 9th DAY OF March 1992, AT 4:15 P.M.,
IN VOLUME 23 OF SURVEYS AT PAGE 71 AT THE REQUEST OF REB & ASSOC.

Geraldine Beaver
DEPUTY COUNTY AUDITOR

VOL 23 PAGE 71

REB LAND ASSOCIATES SURVEYING

221 J EVANS ROAD
SEQUIM, WASHINGTON 98382
206 683-6067

2014 1312472

SURVEY NARRATIVE

-THIS SURVEY WAS CONDUCTED IN WEST ONE-HALF OF SECTION 36, TOWNSHIP 30 NORTH, RANGE 4 WEST, W.M., IN ORDER TO DELINEATE STATE OWNERSHIP BOUNDARIES IN SAID SECTION, FOR THE PURPOSE OF FOREST LAND MANAGEMENT ACTIVITIES AND TO LOCATE ENCROACHMENTS AND OCCUPATION ALONG THE NORTH AND WEST LINES OF THE NORTHWEST QUARTER OF THE SECTION.
-THE SECTION SUBDIVISION USED FOR THIS SURVEY WAS SOLIDIFIED BY THE CLALLAM COUNTY GEOMETRIC FRAMEWORK (CCGF) PERFORMED IN 1998, SEE VOLUME 39, PAGE 34, ON AUDITORS FILE NUMBER (AFN) 1009881.
-SURVEYS OF RECORD SHOWN HEREIN CAN BE FOUND AT THE CLALLAM COUNTY AUDITOR'S OFFICE IN PORT ANGELES, WA OR AT THE PUBLIC LAND SURVEY OFFICE IN OLYMPIA, WA.
-SEE INDIVIDUAL CORNER NOTES FOR FURTHER DETAILS.

DESCRIPTION OF STATE LAND SURVEYED

-THE WEST HALF OF SECTION 36, TOWNSHIP 30 NORTH, RANGE 4 WEST, W.M., ACCORDING TO OFFICIAL U.S. GOVERNMENT SUBDIVISIONAL PROCEDURES. SITUATED IN CLALLAM COUNTY, WASHINGTON STATE.

SUBJECT TO / TOGETHER WITH

-EASEMENT NO. 594 GRANTED TO CLALLAM COUNTY FOR COUNTY ROAD ON 8/13/1920 FOR AN INDEFINITE TERM.
-EASEMENT NO. 20218 GRANTED TO BONNEVILLE POWER ADMINISTRATION (BPA) FOR OVERHEAD TRANSMISSION LINE ON 11/30/1950 FOR AN INDEFINITE TERM.
-EASEMENT NO. 32933 GRANTED TO CLALLAM COUNTY PUD#1 FOR OVERHEAD POWER LINE ON 5/23/1955 FOR AN INDEFINITE TERM.
-EASEMENT NO. 33171 GRANTED TO BPA FOR OVERHEAD TRANSMISSION LINE ON 4/08/1959 FOR AN INDEFINITE TERM.
-EASEMENT NO. 34779 GRANTED TO EUREKA IRRIGATION CO. ON 6/19/1972 FOR AN INDEFINITE TERM.
-EASEMENT NO. 3528/3201 GRANTED TO CLALLAM COUNTY FOR COUNTY ROAD ON 6/18/1986 AND 9/23/1985 FOR AN INDEFINITE TERM.

BASIS OF BEARINGS AND DISTANCES

-BEARINGS SHOWN HEREON ARE RELATED TO THE (CORS2010)-EPOCH2011.00 ADJUSTMENT OF THE WASHINGTON COORDINATE SYSTEM, NORTH ZONE, DATUM OF 1983 (WCS GRID).

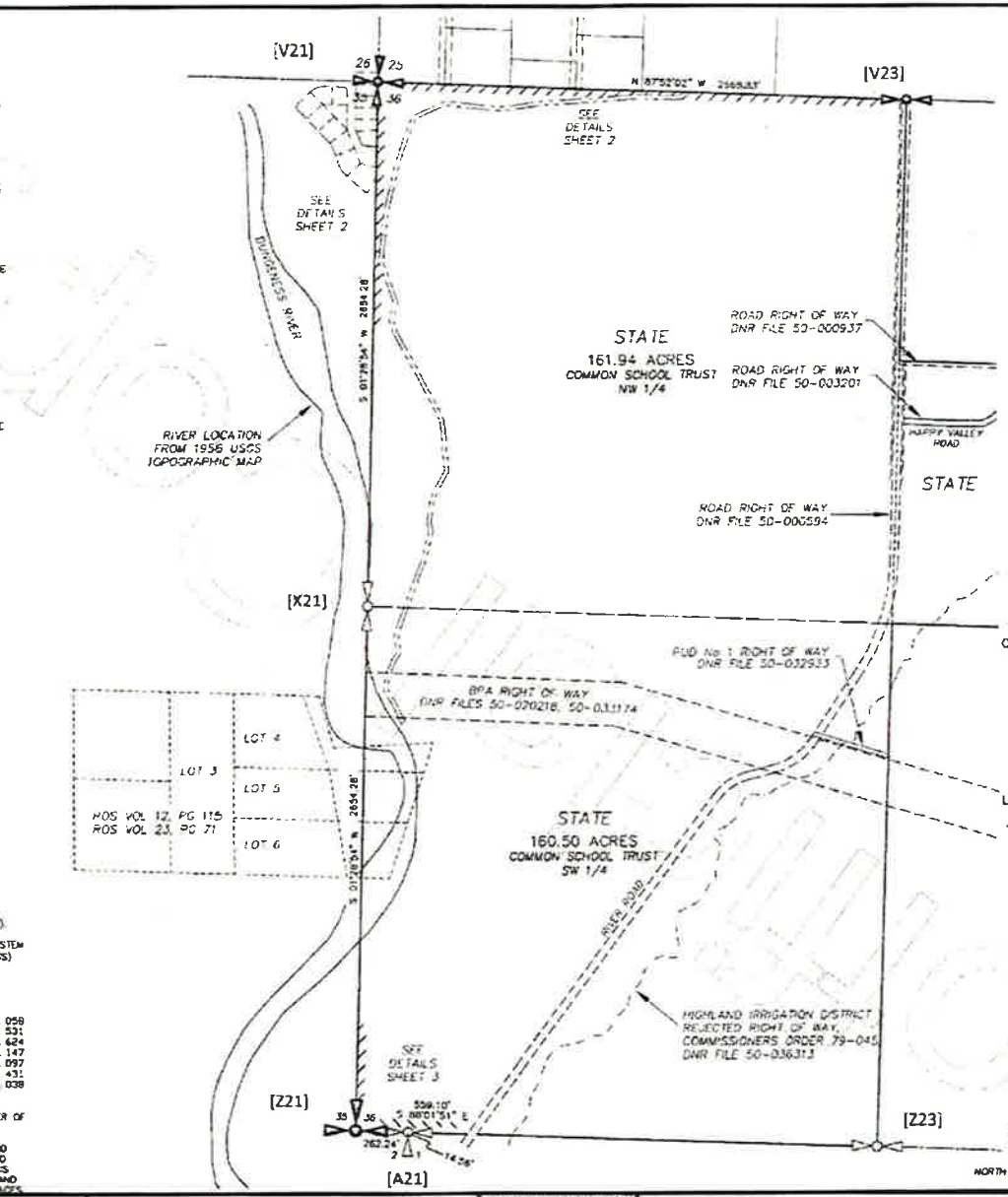
-WCS GRID MERIDIAN IS DERIVED FROM GLOBAL POSITIONING SYSTEM (GPS) TIES TO THE FOLLOWING NATIONAL GEODETIC SURVEY (NGS) CONSTANTLY OPERATING REFERENCE STATIONS (CORS).

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE
DI8467	CHIMACUM SCH	N 48 00 36.208	W 122 46 33.058
DJ9210	ROOSEVELT	N 47 40 56.263	W 122 18 54.531
DH7235	SEATTLE WFD	N 47 41 13.203	W 122 15 23.624
DL2071	WEST SEATTLE	N 47 31 24.843	W 122 20 42.147
DK4179	ROBINSON PNT	N 47 23 13.007	W 122 22 29.097
AF9668	PACIFIC BEACH	N 47 12 46.064	W 124 12 16.431
DN5822	HOWARD HANSON	N 47 17 26.867	W 121 47 17.038

MEAN ELEV= 400.0 FT.
CONVERGENCE= -1° 43' 18" AT THE STANDARD SECTION CORNER OF SECTIONS 35 AND 36.

-THE AREAS AND DISTANCES SHOWN ARE GRID. DIVIDE THE GRID DISTANCES BY THE COMBINED SCALE FACTOR OF 0.999992590 TO OBTAIN THE GROUND DISTANCE. THE COMBINED SCALE FACTOR IS DERIVED FROM THE ELEVATION SCALE FACTOR OF 0.999998403 AND GRID SCALE FACTOR OF 0.999994187 MADE ON PROJECT AVERAGES.



CONTROL SPECIFICATIONS, METHOD OF SURVEY, EQUIPMENT USED, AND ACCURACY

-THE GPS CONTROL PORTION OF THIS SURVEY WAS PERFORMED BY A MINIMUM OF TWO SESSIONS SEPARATED BY A MINIMUM OF ONE HOUR. THE DATA COLLECTED IS UPLOADED TO THE NGS OPUS-RS WEBSITE FOR SOLUTIONS WITHIN 24 HOURS.
-CONTROL TRAVERSES WERE RUN USING CONVENTIONAL FIELD METHODS. THESE TRAVERSES WERE EITHER CLOSED LOOPS OR CLOSED ON PREVIOUSLY KNOWN POSITIONS AND HAVE MET OR EXCEEDED THE STANDARDS ESTABLISHED IN WAC 332-130-090/090.
-CONTROL TRAVERSES AND MEASURED DATA ANALYZED USING A COMPREHENSIVE LEAST SQUARES ADJUSTMENT. THE ADJUSTMENT PASSED THE CHI SQUARED TEST AT THE 95% CONFIDENCE LEVEL.
-RELATIVE TO FIXED CONTROL THE MEAN STATION COORDINATE SEMI MAJOR ERROR ELLIPSE AT THE 95% CONFIDENCE REGION IS 13 OF A FOOT.
-TWO TRIMBLE R8 GNSS GLOBAL POSITIONING SYSTEM RECEIVERS.
-LEICA 1203 SERIES ROBOTIC TOTAL STATION WITH COAXIAL ELECTRONIC DISTANCE METER. EDM EQUIPMENT WAS CALIBRATED IN SEPT., 2013 AT THE NGS BASELINE AT PORT ANGELES, WASHINGTON.

GLO HISTORY

-1858 SURVEY CONDUCTED BY JOHN TRUTCH, U.S. DEPUTY SURVEYOR, UNDER CONTRACT NUMBER 33. SURVEY WAS COMMENCED ON 5/14/1858 AND WAS COMPLETED ON 5/31/1858.
-DURING THE COURSE OF HIS SURVEY TRUTCH RAN THE MEANDERS AND SUBDIVISIONAL LINES OF FRACTIONAL TOWNSHIP 30 NORTH, RANGE 4 WEST.

-1858 SURVEY CONDUCTED BY JOHN TRUTCH, U.S. DEPUTY SURVEYOR, UNDER CONTRACT NUMBER 32. SURVEY WAS COMMENCED ON 4/18/1858 AND WAS COMPLETED ON 7/08/1858.
-DURING THE COURSE OF HIS SURVEY TRUTCH RAN PORTIONS OF THE 7TH STANDARD PARALLEL OF TOWNSHIP 30 NORTH, RANGE 4 WEST.

-1892 SURVEY CONDUCTED BY HENRY L. FITCH, U.S. DEPUTY SURVEYOR, UNDER CONTRACT NUMBER 393. SURVEY WAS COMMENCED ON 9/23/1893 AND WAS COMPLETED ON 10/15/1893.
-DURING THE COURSE OF HIS SURVEY TRUTCH RAN THE SUBDIVISIONAL LINES OF TOWNSHIP 29 NORTH, RANGE 4 WEST.

CORNER SYMBOLS

CALCULATED CORNER

FOUND MONUMENT

LINE POSTING

////////// DENOTES PROPERTY LINES POSTED AT IRREGULAR INTERVALS WITH ORANGE THINLINE "STATE BOUNDARY" POSTS SET WITHIN 1 FOOT OF THE ACTUAL LINE.

AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS 25th DAY OF September, 2014
AT 10:42 AM. IN BOOK 76 OF SURVEYS AT PAGE 22
AT THE REQUEST OF THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES.

Toni Elliott
CLALLAM COUNTY DEPUTY AUDITOR

2014-1312472
AUDITOR'S FILE NUMBER

SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES IN JANUARY, 2014.

LARRY B. PEDERSON, PLS

38032
CERTIFICATE NUMBER

LARRY B. PEDERSON — STATE OF WASHINGTON — 38032 — REGISTERED PROFESSIONAL LAND SURVEYOR

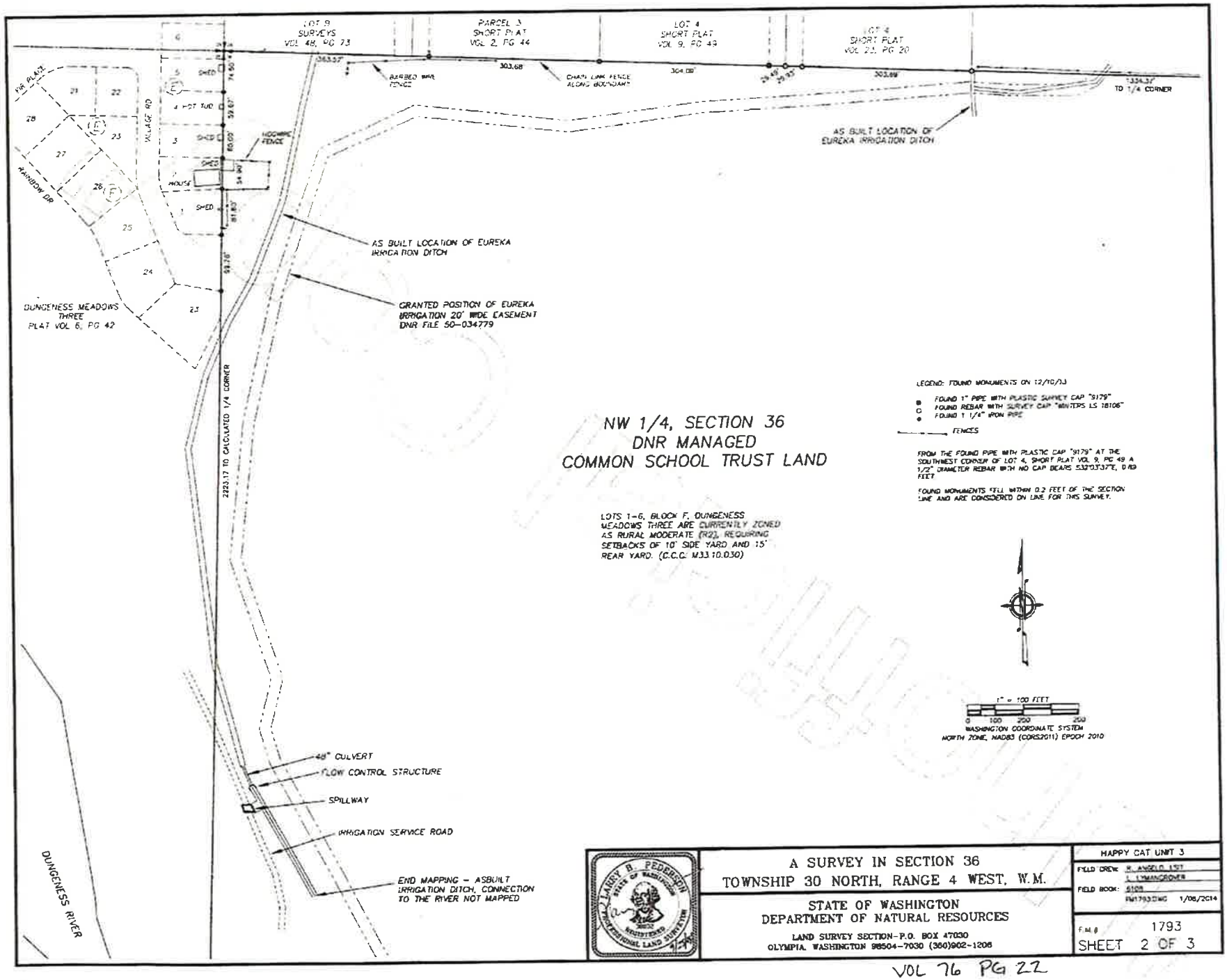
A SURVEY IN SECTION 36 TOWNSHIP 30 NORTH, RANGE 4 WEST, W.M.

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
LAND SURVEY SECTION-P.O. BOX 47030
OLYMPIA, WASHINGTON 98504-7030 (360)902-1206

HAPPY CAT UNIT 3
FIELD CREW: R. ANGELO, LST
L. LYMANGROVER
FIELD BOOK: 5108
FM1793.DWG 7/08/2014

F.M.# 1793
SHEET 1 OF 3

VOL 76 PG 22



VOL 76 PG 22

2014-1312472 08/25/2014 10:42:41 AM 2 of 3 Clallam County, WASURVY
WASH STATE OF DEPT OF NAT RESOURCES

[V21] SECTION CORNER OF SECTIONS 25, 26, 35 AND 36

ACCEPTED CORNER
EVIDENCE FOUND:
-4x4 (3 3/4 x 3 3/4) CONCRETE MONUMENT WITH BRASS TACK IN LEAD PLUG.
-NO GLO EVIDENCE, NO REFERENCE POINTS.
HISTORY:
-1858 GLO SURVEY BY JOHN TRUTCH U.S. DEPUTY SURVEYOR. SET POST AND BTS.
BTS-26" FIR AT S 20° W, 41 LKS. (27.06 FT.)
-10" FIR AT S 24° E, 30 LKS. (19.80 FT.)
-9" FIR AT N 7° E, 41 LKS. (27.06 FT.)
-7" FIR AT N 22° W, 27 LKS. (17.82 FT.)
-1916 SURVEY BY RICHARD REMP, CLALLAM COUNTY ENGINEER, SHOWS CORNER ON SECTION SUBDIVISION WITH NO DESCRIPTION.
-1935 CLALLAM COUNTY FIELD BOOK 50400 SHOWS CORNER AS POST AND 2 BEARING TREES (BTS).
-1981 SURVEY BY J.U. WRIGHT, PLS/PE, INDICATES A FOUND 3 3/4" CONCRETE MONUMENT WITH LEAD PLUG AND BRASS TACK.
NOTES:
-ALL SUBSEQUENT SURVEYS FOLLOWING THE 1981 J.U. WRIGHT WORK HAS ACCEPTED THE 3 3/4" CONCRETE MONUMENT AS THE CORNER. SEE CLALLAM COUNTY GEOMETRIC FRAMEWORK (CCGF) RECORD NO.04303511.
-THIS SURVEY ACCEPTS THE FOUND CONCRETE MONUMENT AS AN EXISTENT GLO CORNER.
REFERENCES:
-MEASURED TO REFERENCE POINTS AND SET DNR TAGS AND ALUMINUM NAILS AS INDICATED.
-8" HEMLOCK AT S 70° E, 7.88 FT. TO NAIL SET ON RIGHT.
-40" CEDAR AT S 36° E, 15.81 FT. TO NAIL SET ON LEFT.
-SET CARSONITE WITNESS POST .5 FT. SOUTH.
FB.6108, PG.4 12/18/2013

[V23] 1/4 SECTION CORNER OF SECTIONS 25 AND 36

ACCEPTED CORNER
EVIDENCE FOUND:
-FOUND MONUMENT IN RIVER ROAD.
-NO GLO OR REFERENCES FOUND.
HISTORY:
-1858 GLO SURVEY BY JOHN TRUTCH, U.S. DEPUTY SURVEYOR. SET POST AND BTS.
BTS-15" FIR AT N 49° E, 84 LKS. (42.24 FT.)
-30" FIR AT S 50° E, 17 LKS. (11.23 FT.)
-1935 CLALLAM COUNTY FIELD BOOK NO. 50400 INDICATES FOUND SPIKE AND POSSIBLE BT.
-1940 CLALLAM COUNTY ENGINEERS LOCATE THE ¼ SECTION 25 INDICATES A CONCRETE MONUMENT WAS SET.
-1975 SURVEY BY J.U.WRIGHT SHOWS AND ACCEPTED CLALLAM COUNTY 4x4 CONCRETE MONUMENT WITH BRASS CAP.
-1998 SURVEY BY CLALLAM COUNTY PARTNERS FOR THE CLALLAM COUNTY GEOMETRIC FRAME WORK (CCGF) FOUND NO RECORD MONUMENT. CCGF SET A BRASS CAP MONUMENT BASED ON SHORT PLAT BY J.U.WRIGHT IN VOL.11, PAGE 19. THE POSITION BEING ACCEPTED AS A LOCAL POINT OF CONTROL PER SECTION 6-28 OF THE 1973 MANUAL OF SURVEYING INSTRUCTIONS (73 MANUAL). SEE CCGF MONUMENT REPORT NO 04303621.
NOTES:
-THE FOUND MONUMENT IS ACCEPTED AS THE CORNER. QUARTER CORNER MONUMENT FALLS IN THE MIDDLE OF RIVER ROAD AND WAS LITTLE TO NO AVAILABLE REFERENCE POSSIBILITIES. SET REFERENCE MONUMENT AND TIED EXISTING MONUMENT IN THE VICINITY OF RIGHT OF WAY LIMITS. SEE REFERENCES BELOW.
REFERENCES:
-SET REFERENCE MONUMENT AND TIED EXISTING MONUMENT AS INDICATED.
-2" ALUMINUM CAP ON 3/4" FLUTED ALUMINUM ROD AT N87°52'02"W, 29.98 FT. STAMPED, "RM LS38032".
-1/2" REBAR AT S87°52'09"E, 29.96 FT. PLASTIC SURVEYORS CAP MARKED: "WRIGHT 4238".
FB.8108, PG.3 12/19/2013

[X21] 1/4 SECTION CORNER OF SECTIONS 31 AND 35

NOT SEARCHED FOR.
-1998 SURVEY BY CLALLAM COUNTY PARTNERS FOR THE CLALLAM COUNTY GEOMETRIC FRAME WORK (CCGF) MONUMENT REPORT FOR ID NO. 04303541 CITES A HISTORY OF THIS CORNER AS BEING CALCULATED AND HAVING BEEN ORIGINALLY SET BY THE GLO ON A SMALL ISLAND IN THE DUNGENESS RIVER.

[Z21] SECTION CORNER OF SECTIONS 35 AND 36

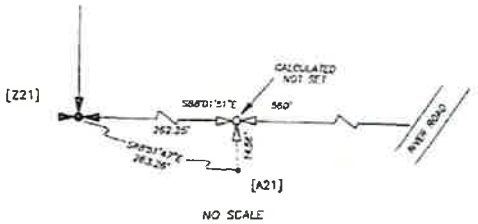
ACCEPTED CORNER
EVIDENCE FOUND:
-6X6 CLALLAM COUNTY CONCRETE MONUMENT WITH 3" BRASS CAP.
-NO GLO OR REFERENCE POINTS
HISTORY:
-1858 GLO SURVEY BY JOHN TRUTCH U.S. DEPUTY SURVEYOR. SET POST AND BTS.
BTS-8" FIR AT N 56° E, 12 LKS. (7.92 FT.)
-24" CEDAR AT N 51° W, 37 LKS. (24.42 FT.)
-16" CEDAR AT S 02° W, 28 LKS. (18.48 FT.)
-1916 SURVEY BY RICHARD REMP, CLALLAM COUNTY ENGINEER, SHOWS CORNER ON SECTION SUBDIVISION WITH NO DESCRIPTION.
-1933 CLALLAM COUNTY FIELD BOOK SHOWS IRON PIPE AND WOOD POST. NO BTS.
-1947 WPA MAP SHOWS 6X6 CONC. MON.
-1968 SURVEY BY J.U. WRIGHT, PLS, SHOWS FOUND CLALLAM COUNTY ENG. DEPT. CONC. POST WITH BRASS CAP.
-1998 SURVEY BY CLALLAM COUNTY PARTNERS, CLALLAM COUNTY GEOMETRIC FRAMEWORK (CCGF) REFERENCE NO. 04290217. THE PARTNERS ACCEPTED THE EXISTING COUNTY MONUMENT AS THE CORNER.
NOTES:
-THE FOUND 6x6 CLALLAM COUNTY CONCRETE MONUMENT IS ACCEPTED AS AN EXISTENT GLO CORNER.
REFERENCES:
-MEASURED TO REFERENCE POINTS AND SET DNR TAGS AND ALUMINUM NAILS AS INDICATED.
-10" CEDAR AT N 30° E, 33.31 FT. TO NAIL SET ON RIGHT.
-8" D-FIR AT S 34° E, 19.26 FT. TO NAIL SET ON LEFT.
-6" CEDAR AT S 62° W, 17.21 FT. TO NAIL SET ON RIGHT.
-SET CARSONITE WITNESS POST AT .5 FT. SOUTH.
FB.6108, PG.5 12/18/2013

[A21] AM CC SECTION CORNER OF SECTIONS 1 AND 2

ACCEPTED CORNER
EVIDENCE FOUND:
-6X6 CLALLAM COUNTY CONCRETE MONUMENT WITH 3" BRASS CAP S84°51'47"E, 263.28' FROM CORNER OF SECTIONS 35 AND 36. FROM THIS AM CC ESTABLISHED AN PROLONGED A THE LINE POSTING BEARING FOR THE SOUTH LINE OF SECTION 36 S88°01'51"E TO the WEST MARGIN OF RIVER ROAD USING THE INTERSECTING DISTANCES FROM THE CORNER OF SECTION 35 AND 36, 262.24'; AND THE AM CC, 14.56' AS SHOWN ON VOLUME 75 OF SURVEYS, PAGE 51, AUDITOR'S FILE 2014-1306648 AND ILLUSTRATE AT RIGHT.
-NO GLO, NO REFERENCES.
HISTORY:
-1883 GLO SURVEY BY HENRY L. FITCH, U.S. DEPUTY SURVEYOR SET ALDER POST AND BTS.
BTS-30" FIR AT S 10° W, 10 LKS. (6.60 FT.)
12" CEDAR AT S 55° E, 52 LKS. (34.32 FT.)
-36" FIR AT N 20° W, 40 LKS. (26.40 FT.)
-1968 RIGHT OF WAY SURVEY BY DEPT. OF NATURAL RESOURCES (DNR) INDICATES A RECOVERED MONUMENT.
-1986 RIGHT OF WAY SURVEY BY CLALLAM COUNTY ENGINEERS INDICATES A CONCRETE MONUMENT AT THE CORNER LOCATION.
NOTES:
REFERENCES:
-MEASURED TO REFERENCE POINTS AND SET DNR TAGS AND ALUMINUM NAILS AS INDICATED.
-16" D-FIR AT N 70° E, 17.30 FT. TO NAIL SET ON RIGHT.
-22" CEDAR AT S 38° E, 9.83 FT. TO NAIL SET ON RIGHT.
-27" D-FIR AT S 35° W, 8.38 FT. TO NAIL SET ON LEFT.
FB.8108, PG.13 12/18/2013

[Z23] 1/4 SECTION CORNER OF SECTIONS 36 AND 6

NOT TIED FOR THIS SURVEY, NOT CALCULATED.



NO SCALE

LARRY B. PEDERSON
STATE OF WASHINGTON
20326
REGISTERED
PROFESSIONAL LAND SURVEYOR

A SURVEY IN SECTION 36
TOWNSHIP 30 NORTH, RANGE 4 WEST, W.M.

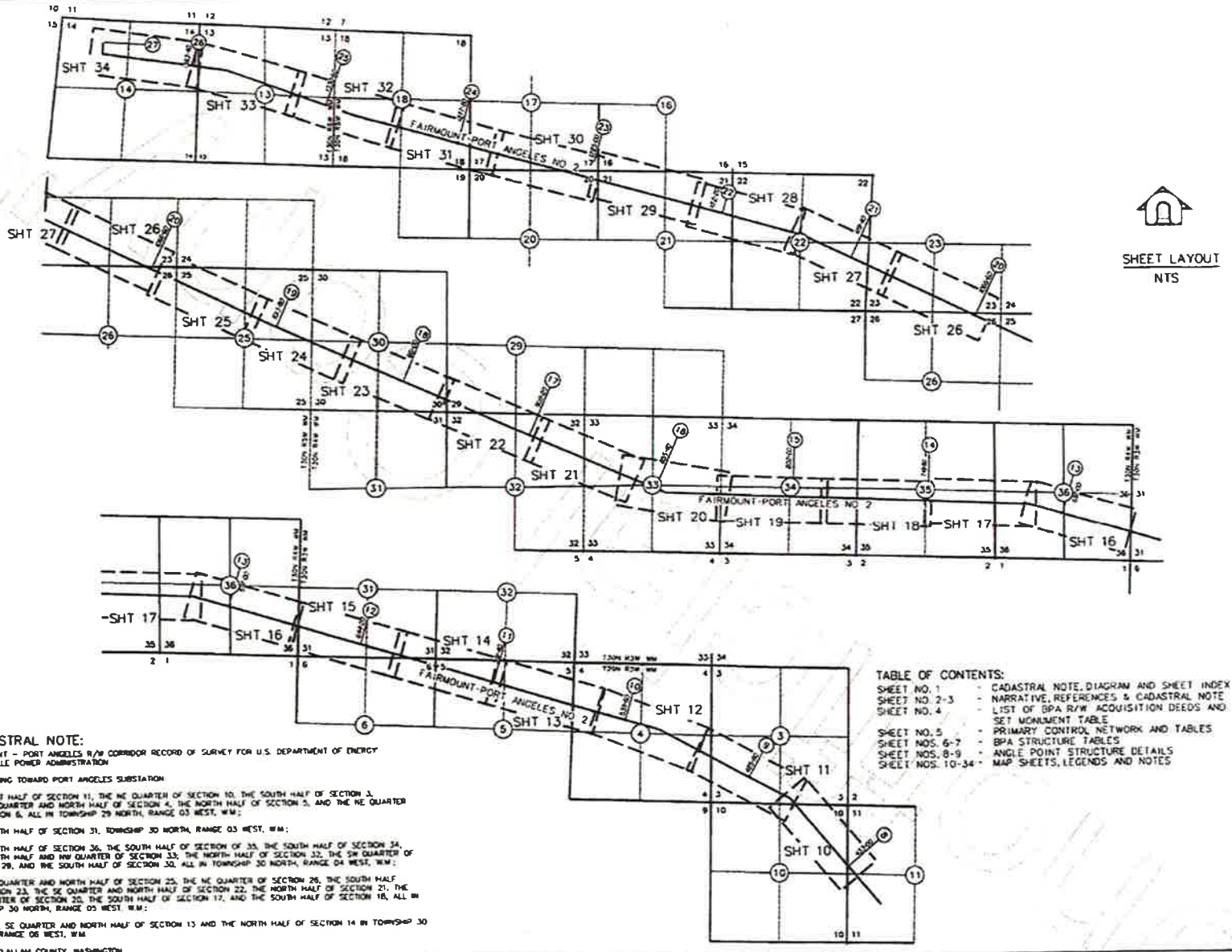
STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
LAND SURVEY SECTION-P.O. BOX 47030
OLYMPIA, WASHINGTON 98504-7030 (360)902-1206

HAPPY CAT UNIT 3
FIELD CREW: B. ANGELO, LSIT
L. LYMANSDRIVER
FIELD BOOK: 5108
FW1793.DWG 1/08/2014
F.M.# 1793
SHEET 3 OF 3

VOL 76 PG 22

2014-1312472 09/25/2014 10:42:41 AM 3 of 3 Clallam County, WASURVY
WASH STATE OF DEPT OF NAT RESOURCES

2014 1314328



SHEET LAYOUT
NTS

TABLE OF CONTENTS:

SHEET NO. 1	-	CADASTRAL NOTE, DIAGRAM AND SHEET INDEX
SHEET NO. 2-3	-	NARRATIVE, REFERENCES & CADASTRAL NOTE
SHEET NO. 4	-	LIST OF BPA R/W ACQUISITION DEEDS AND SET MONUMENT TABLE
SHEET NO. 5	-	PRIMARY CONTROL NETWORK AND TABLES
SHEET NOS. 6-7	-	BPA STRUCTURE TABLES
SHEET NOS. 8-9	-	ANGLE POINT STRUCTURE DETAILS
SHEET NOS. 10-34	-	MAP SHEETS, LEGENDS AND NOTES

CADASTRAL NOTE:

FAIRMOUNT – PORT ANGELES R/W CORRIDOR RECORD OF SURVEY FOR U.S. DEPARTMENT OF ENERGY BONNEVILLE POWER ADMINISTRATION

PROCEEDING TOWARD PORT ANGELES SUBSTATION

THE WEST HALF OF SECTION 11, THE NE QUARTER OF SECTION 10, THE SOUTH HALF OF SECTION 3, THE SE QUARTER AND NORTH HALF OF SECTION 4, THE NORTH HALF OF SECTION 5, AND THE NE QUARTER OF SECTION 6, ALL IN TOWNSHIP 29 NORTH, RANGE 03 WEST, W.M.;

THE SOUTH HALF OF SECTION 31, TOWNSHIP 30 NORTH, RANGE 03 WEST, WM;

THE SOUTH HALF OF SECTION 36, THE SOUTH HALF OF SECTION OF 35, THE SOUTH HALF OF SECTION 34, THE SOUTH HALF AND NW QUARTER OF SECTION 33, THE NORTH HALF OF SECTION 32, THE SW QUARTER OF SECTION 29, AND THE SOUTH HALF OF SECTION 30, ALL IN TOWNSHIP 30 NORTH, RANGE 04 WEST, W.M.;

THE SE QUARTER AND NORTH HALF OF SECTION 25, THE NE QUARTER OF SECTION 26, THE SOUTH HALF OF SECTION 23, THE SE QUARTER AND NORTH HALF OF SECTION 22, THE NORTH HALF OF SECTION 21, THE NE QUARTER OF SECTION 20, THE SOUTH HALF OF SECTION 17, AND THE SOUTH HALF OF SECTION 18, ALL IN TOWNSHIP 30 NORTH, RANGE 05 WEST. W.M.;

AND THE SE QUARTER AND NORTH HALF OF SECTION 13 AND THE NORTH HALF OF SECTION 14 IN TOWNSHIP 30 NORTH, RANGE 06 WEST, W.M.

ALL IN CLALLAM COUNTY, WASHINGTON

SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE SURVEY RECORDING ACT AT THE REQUEST OF THE BONNEVILLE POWER ADMINISTRATION

ON _____

SIGNATURE _____ DATE 11/12/2014

CERTIFICATE NO. 49914

11-12-2014

AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS 18th DAY OF Nov 2014 AT 12:46 P.M. IN BOOK 76 OF SURVEYS AT PAGE 49 AT THE REQUEST OF DAVID EVANS AND ASSOCIATES, INC.

DIVISION OF RECORDS & ELECTIONS

_____

DEPUTY OF RECORDS/COUNTY AUDITOR

FAIRMOUNT–PORT ANGELES CORRIDOR RECORD OF SURVEY

FOR

US DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION

IN

(SEE CADASTRAL NOTE)

TOWNSHIP 29 & 30 NORTH, RANGE 3, 4, 5 & 6 WEST, W.M.
CLALLAM COUNTY, WASHINGTON

DAVID EVANS AND ASSOCIATES INC.
2100 Southwest River Parkway
Portland Oregon 97201
Phone: 503.223.6663

SHEET	1 OF 34
SCALE	1" = 200'
SURVEYED	CRG,DRE,CEN,MXB
FIELD BOOK	
DRAWN	LMCA
CHECKED	GAC
FILE	BPAX0455

VOL 76 PG 49

2014-1314326 11/18/2014 12:46:50 PM 16 of 34 Clallam County, WASURVY
DAVID EVANS AND ASSOCIATES INC

FOUND MONUMENT TABLE

POINT NUMBER	GRID NORTHING	GRID EASTING	DESCRIPTION	LINE NUMBER	STATION	OFFSET
2013	350643.25	2078043.66	FD 5/8" IR (NO CAP), BPA MON	F-PA#2	691+33.4 (691+35.6)	0.4' RT. (0.0')
106	350857.07	2077383.92	FD 5/8" IR (NO CAP), BPA MON	F-PA#2	698+23.6 (698+26.0)	0.3' RT. (0.0')
128	351216.54	2076167.44	FD 5/8" IR (NO CAP), BPA MON	F-PA#2	710+90.3 (710+93.8)	0.0' RT (0.0')

NOTES

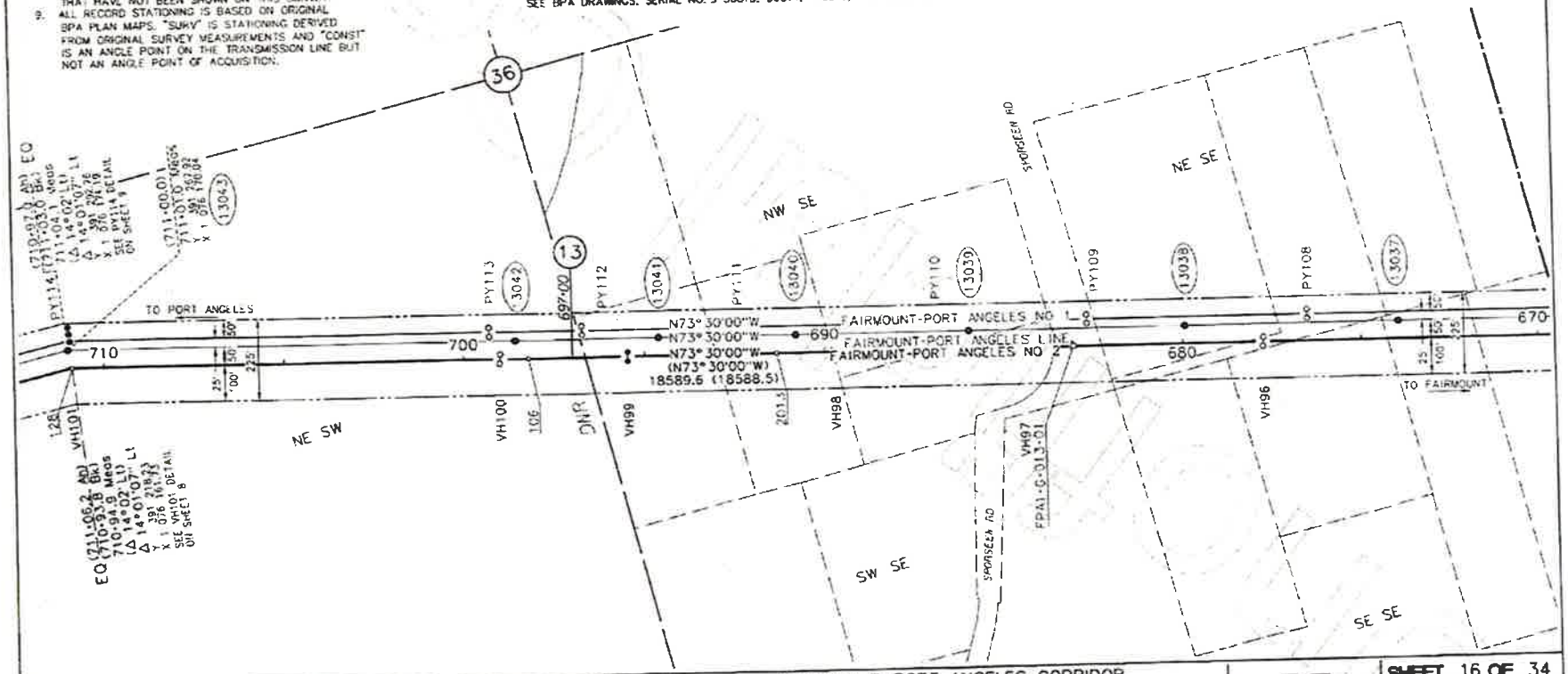
1. PROPERTY LINES SHOWN FOR RELATIONAL PURPOSES ONLY. NOT SURVEYED.
2. SEE SHEET 5 OF 34 FOR PRIMARY CONTROL MONUMENT TABLE.
3. SEE SHEET 3 OF 34 FOR PLSS MONUMENT TABLE.
4. SEE SHEET 3 OF 34 FOR SURVEY REFERENCES.
5. SEE SHEETS 6 AND 7 OF 34 FOR STRUCTURE STATION/OFFSET LISTS TO F-PA LINE NO. 1 AND F-PA LINE NO. 2.
6. ALL TRANSMISSION LINE NAMES ARE DESIGN NAMES.
7. CAUTION - THE CENTER OF ANGLE TOWERS ARE TYPICALLY OFFSET FROM THE TRANSMISSION SURVEY LINE ANGLE POINTS.
8. BPA MAY HAVE ADDITIONAL REAL PROPERTY RIGHTS THAT HAVE NOT BEEN SHOWN ON THIS SURVEY.
9. ALL RECORD STATIONING IS BASED ON ORIGINAL BPA PLAN MAPS. "SURV" IS STATIONING DERIVED FROM ORIGINAL SURVEY MEASUREMENTS AND "CONST" IS AN ANGLE POINT ON THE TRANSMISSION LINE BUT NOT AN ANGLE POINT OF ACQUISITION.

LEGEND

- AC ALUMINUM CAP
- AFN AUDITOR'S FILE NUMBER
- AH AHEAD
- BC BRASS CAP
- BK BACK
- E, X EAST/EASTING
- EQ EQUATION
- FD FOUND
- F-PA FAIRMOUNT - PORT ANGELES
- IR IRON ROD
- N,Y NORTH/NORTHING
- R/W RIGHT OF WAY
- S SOUTH
- W WEST
- W.M. WILLAMETTE MERIDIAN
- ( ) BPA RECORD INFORMATION
- BPA R/W (EASEMENT) LINE
- F-PA LINE NO. 1
- F-PA LINE
- F-PA LINE NO. 2
- FD MONUMENT (AS NOTED)
- SECTION CORNER, NOT FOUND
- FD SECTION CORNER (AS NOTED)
- QUARTER CORNER, NOT FOUND
- FD QUARTER CORNER (AS NOTED)
- CENTER SECTION
- SET PRIMARY CONTROL POINT. SEE DESCRIPTION/STAMPING DETAIL ON SHEET 5.
- SET 3-1/4" AC ON 5/8" X 30" IRON ROD (SEE STAMPING DETAIL ON SHEET 4)
- BPA STRUCTURES (SURVEYED)
- BPA STRUCTURES (LIDAR)
- BPA F-PA LINE NO. 2 MILE MARKER STATION PER BPA MILE MAPS
- SECTION LINE
- SECTION SUBDIVISION LINE
- PYXX F-PA LINE NO. 1 STRUCTURE SERIAL NUMBER
- VHXX F-PA LINE NO. 2 STRUCTURE SERIAL NUMBER

SCALE
100 0 200 400
SCALE: 1" = 200'
PROJECT SCALE FACTOR = 0.99992
GROUND DISTANCE X 0.99992 = GRID DISTANCE

SEE BPA DRAWINGS, SERIAL NO.'S 36813, 36814, 145313, 145314, 130413 AND 130414.



SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE SURVEY RECORDING ACT AT THE REQUEST OF THE BONNEVILLE POWER ADMINISTRATION ON 11-12-2014

SIGNATURE
CERTIFICATE NO. 49914
DATE

11-12-2014

AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS 18th DAY OF Nov 2014 AT 12:46 PM IN BOOK 76 OF SURVEYS AT PAGE 49 AT THE REQUEST OF DAVID EVANS AND ASSOCIATES, INC.
DIVISION OF RECORDS & ELECTIONS

Joni Elliott
DEPUTY AUDITOR

FAIRMOUNT–PORT ANGELES CORRIDOR RECORD OF SURVEY

FOR
US DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
IN
SEC 36
TOWNSHIP 30 NORTH, RANGE 4 WEST, W.M.
CLALLAM COUNTY, WASHINGTON

DAVID EVANS AND ASSOCIATES INC.
2100 Southwest River Parkway
Portland, Oregon 97201
Phone: 503.223.6663

SHEET	16 OF 34
SCALE	1" = 200'
SURVEYED	CRG,JXRE,CEN,MXB
FIELD BOOK	
DRAWN	LMCA
CHECKED	CAC
FILE	BPAX0459

VOL 76 PG 49

2014-1314328 11/18/2014 12:46:50 PM 17 of 34 Clallam County, WASURVY
DAVID EVANS AND ASSOCIATES INC

FOUND MONUMENT TABLE

POINT NUMBER	GRID NORTHING	GRID EASTING	DESCRIPTION	LINE NUMBER	STATION	OFFSET
1215	391216.54	2076167.44	FD 5/8" IR (NO CAP), BPA MON	F-PA#2	7.0+90.3 (93.18)	0.0' RT. (0.0')
2015	391338.46	307337.78	FD 5/8" IR (NO CAP), BPA MON	F-PA#2	738+94.0 (739+00.2)	0.5' LT. (0.0')
2016	391306.99	3074076.87	FD "X" ON STONE, UNKNOWN ORIGIN	F-PA#2	731+93.1 (732+00.0)	2.6' LT (0.0')

NOTES

1. PROPERTY LINES SHOWN FOR RELATIONAL PURPOSES ONLY. NOT SURVEYED.
2. SEE SHEET 5 OF 34 FOR PRIMARY CONTROL MONUMENT TABLE.
3. SEE SHEET 3 OF 34 FOR PLSS MONUMENT TABLE
4. SEE SHEET 3 OF 34 FOR SURVEY REFERENCES
5. SEE SHEETS 6 AND 7 OF 34 FOR STRUCTURE STATION/OFFSET LISTS TO F-PA LINE NO. 1 AND F-PA LINE NO. 2.
6. ALL TRANSMISSION LINE NAMES ARE DESIGN NAMES
7. CAUTION – THE CENTER OF ANGLE TOWERS ARE TYPICALLY OFFSET FROM THE TRANSMISSION SURVEY LINE ANGLE POINTS.
8. BPA MAY HAVE ADDITIONAL REAL PROPERTY RIGHTS THAT HAVE NOT BEEN SHOWN ON THIS SURVEY.
9. ALL RECORD STATIONING IS BASED ON ORIGINAL BPA PLAN MAPS. "SURV" IS STATIONING DERIVED FROM ORIGINAL SURVEY MEASUREMENTS AND "CONST" IS AN ANGLE POINT ON THE TRANSMISSION LINE BUT NOT AN ANGLE POINT OF ACQUISITION.

LEGEND

AC ALUMINUM CAP
AFN AUDITOR'S FILE NUMBER
AH AHEAD
BC BRASS CAP
BK BACK
E, X EAST/EASTING
EQ EQUATION
FD FOUND
F-PA FAIRMOUNT – PORT ANGELES
IR IRON ROD
N,Y NORTH/NORTHING
R/W RIGHT OF WAY
S SOUTH
W WEST
W.M. WILLAMETTE MERIDIAN
( ) BPA RECORD INFORMATION
BPA R/W (EASEMENT) LINE
F-PA LINE NO. 1
F-PA LINE
F-PA LINE NO. 2
FD MONUMENT (AS NOTED)

SECTION CORNER, NOT FOUND
FD SECTION CORNER (AS NOTED)
QUARTER CORNER, NOT FOUND
FD QUARTER CORNER (AS NOTED)
(XX) CENTER SECTION
SET PRIMARY CONTROL POINT. SEE DESCRIPTION/STAMPING DETAIL ON SHEET 5
(1313 4) SET 3 1/4" AC ON 5/8" X 30" IRON ROD (SEE STAMPING DETAIL ON SHEET 4)
BPA STRUCTURES (SURVEYED)
BPA STRUCTURES (LIDAR)
XXXX+XX BPA F-PA LINE NO. 2 MILE MARKER STATION PER BPA MILE MAPS
SECTION LINE
SECTION SUBDIVISION LINE
PYXX F-PA LINE NO. 1 STRUCTURE SERIAL NUMBER
VHXX F-PA LINE NO. 2 STRUCTURE SERIAL NUMBER

SCALE
100 0 200 400
SCALE: 1" = 200'
PROJECT SCALE FACTOR = 0.99992
GROUND DISTANCE X 0.99992 = GRID DISTANCE

N

SEE BPA DRAWINGS, SERIAL NO.'S 36814, 36815, 145314, 145315, 130414 AND 130415



SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE SURVEY RECORDING ACT AT THE REQUEST OF THE BONNEVILLE POWER ADMINISTRATION

ON 11-12-2014
SIGNATURE DATE
CERTIFICATE NO. 49914

KENNETH J. MUNK 49914 REGISTERED PROFESSIONAL LAND SURVEYOR
11-12-2014

AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS 18TH DAY OF NOV
20 14 AT 12:46 PM IN BOOK 76 OF
SURVEYS AT PAGE 49 AT THE REQUEST
OF DAVID EVANS AND ASSOCIATES, INC.
DIVISION OF RECORDS & ELECTIONS

Joni Ellis
SUPT. OF RECORDS/COUNTY AUDITOR

FAIRMOUNT–PORT ANGELES CORRIDOR RECORD OF SURVEY

FOR
US DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
IN
SECS 35 & 36
TOWNSHIP 30 NORTH, RANGE 4 WEST, W.M.
CLALLAM COUNTY, WASHINGTON

DAVID EVANS AND ASSOCIATES INC.
7100 Southwest River Parkway
Portland Oregon 97201
Phone 503.223.6850

SHEET	17 OF 34
SCALE	1" = 200'
SURVEYED	CRC,JXR,CEN,MXB
FIELD BOOK	
DRAWN	LMCA
CHECKED	CAC
FILE	BPAX0455

VOL 76 PG 49

Appendix E
Well Logs and Geologic Information

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Application No. .....

Permit No. .....

(1) OWNER: Name Dave Salmon - PO Box Address 189 - Sequim Wash - 98382

(2) LOCATION OF WELL: County Clallam N½ ¼ NW ¼ Sec. 36 T. 30 N., R. 4 W.M.

Bearing and distance from section or subdivision corner Happy Valley

(3) PROPOSED USE: Domestic ☒ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one) ....

New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☒ Driven ☐
Reconditioned ☐ Rotary ☒ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 133 ft. Depth of completed well 133 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from 0 ft. to 1216" ft.
Threaded ☐ 5" Diam. from 126 ft. to 122 ft.
Welded ☒ 5" Diam. from 127 ft. to 133 ft.

Perforations: Yes ☐ No ☒
Type of perforator used .....
SIZE of perforations ..... in. by ..... in.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.

Screens: Yes ☒ No ☐
Manufacturer's Name .....
Type ..... Model No. .....
Diam. 5½ Slot size 16 from 122 ft. to 127 ft.
Diam. ..... Slot size ..... from ..... ft. to ..... ft.

Gravel packed: Yes ☐ No ☒ Size of gravel: .....
Gravel placed from ..... ft. to ..... ft.

Surface seal: Yes ☒ No ☐ To what depth? 18 ft.
Material used in seal Bentonite + Cement
Did any strata contain unusable water? Yes ☐ No ☒
Type of water? ..... Depth of strata .....
Method of sealing strata off .....

(7) PUMP: Manufacturer's Name .....
Type: ..... H.P. .....

(8) WATER LEVELS: Land-surface elevation above mean sea level ..... ft.
Static level 106 ft. below top of well Date 10-18-83
Artesian pressure ..... lbs. per square inch Date .....
Artesian water is controlled by ..... (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☒ If yes, by whom? .....
Yield: ..... gal./min. with ..... ft. drawdown after ..... hrs.
" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test .....
Bailer test 5 gal./min. with 12 ft. drawdown after 7 hrs.
Artesian flow ..... g.p.m. Date .....
Temperature of water 44 Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG:

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Brown Surface Soil	0	2
Brown Cemented Gravel and Boulders Clay	2	55
Brown Clay with Streaks of Gray Clay	55	59
Brown Sandy Clay + Gravel	59	75
Brown Cemented Gravel + Rocks Clay Binder	75	96
Brown Loose fine Sand	96	107
Brown firm Clay Some Gravel	107	115
Brown Loose Medium Sand	115	126
Brown Sandy Clay + Gravel	126	133
Gray Clay + Gravel	133	T

Department of Ecology Southwest Regional Office
MAR 2 1984
RECEIVED

Work started 10-11 19 83 Completed 10-18 19 83

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Stolcan Drilling Co Inc (Person, firm, or corporation) (Type or print)

Address PO Box 161 Sequim, Wash 98382

[Signed] Valeri Stolcan (Secretary) Lic# 01173 (Well Driller)

Robert Tibbs

License No. 0868 Date 10-19 19 83

Clinton Rasmussen 0618

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

File Original and First Copy with Department of Ecology
Second Copy—Owner's Copy
Third Copy—Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. 69731

Water Right Permit No.

(1) OWNER: Name George DeBolt Address 708 E Happy Valley Rd Sequim 98382

(2) LOCATION OF WELL: County Clallam SW¼SW¼ Sec. 36 T. 30 N., R. 4 W.M.

(2a) STREET ADDDRESS OF WELL (or nearest address) Same

(3) PROPOSED USE: [X] Domestic [ ] Industrial [ ] Municipal [ ] Irrigation [ ] Test Well [ ] Other [ ] DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one)
Abandoned [ ] New well [X] Method: Dug [ ] Bored [ ] Deepened [ ] Cable [ ] Driven [ ] Reconditioned [ ] Rotary [X] Jetted [ ]

(5) DIMENSIONS: Diameter of well 6 inches. Drilled 180 feet. Depth of completed well 178 ft.

(6) CONSTRUCTION DETAILS:
Casing Installed: 6 " Diam. from 0 ft. to 178 ft.
Welded [X] Liner installed [ ] Threaded [ ] " Diam. from ft. to ft.
" Diam. from ft. to ft.

Perforations: Yes [ ] No [X]
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes [ ] No [X]
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes [ ] No [X] Size of gravel
Gravel placed from ft. to ft.

Surface seal: Yes [X] No [ ] To what depth? 19 ft.
Material used in seal Bentonite
Did any strata contain unusable water? Yes [ ] No [ ]
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name
Type: H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ft.
Static level 135 ft. below top of well Date
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes [ ] No [ ] If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test

Bailer test gal./min. with ft. drawdown after hrs.
Airlift 12 gal./min. with stem set at 125 ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes [ ] No [ ]

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL	FROM	TO
Top soil	0	2
Brown sand & gravel	2	6
Gray clay	6	38
Brown cemented sand & gravel	38	76
Brown WB sand	76	80
Brown clay & cobbles	80	170
Brown WB sand & gravel	170	178
Gray shale	178	

Work started 9/4 19. Completed 9/5 19 91

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME Lonjos well drilling (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
Address 1652 Barr Rd Port Angeles WA
(Signed) (WELL DRILLER) License No. 0868
Contractor's Registration No. LONJEWD013PT Date 9/8 19 91

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20 (10/87) -1329-

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT
STATE OF WASHINGTON

Application No. W.R.C. Reg. 20780
Permit No. ....

(1) **OWNER:** Name Louis B. Williams, Jr. Address P.O. Box 3, Sequim, Wash. 98382

(2) **LOCATION OF WELL:** County Clallam ¼ ¼ Sec. 36 T. 30 N., R. 4W W.M.

Bearing and distance from section or subdivision corner

(3) **PROPOSED USE:** Domestic # Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(4) **TYPE OF WORK:** Owner's number of well (if more than one) 1
New well # Method: Dug ☐ Bored ☐
Deepened ☐ Cable # Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) **DIMENSIONS:** Diameter of well 6 inches.
Drilled ## 98 ft. Depth of completed well 98 ft.

(6) **CONSTRUCTION DETAILS:**
Casing installed: 6 " Diam. from 0 ft. to 76 ft.
Threaded ☐ 5 " Diam. from 76 ft. to 98 ft.
Welded # ☐ " Diam. from ft. to ft.

Perforations: Yes ☐ No #
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☐ No #
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes ☐ No # Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes ☐ No # To what depth? ft.
Material used in seal
Did any strata contain unusable water? Yes ☐ No ☐
Type of water? Depth of strata
Method of sealing strata off

(7) **PUMP:** Manufacturer's Name Sta-Rite
Type: Sub. H.P. ½

(8) **WATER LEVELS:** Land-surface elevation above mean sea level 650 ft.
Static level 3 ft. below top of well Date 5/15/71
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) **WELL TESTS:** Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☐ # If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test
Baller test 4 gal./min. with 0 ft. drawdown after 2 hrs.
Artesian flow g.p.m. Date
Temperature of water 52 Was a chemical analysis made? Yes ☐ No ☐ #

(10) **WELL LOG:**

Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Top Soil	0	2
Clay & Rocks	2	12
Blue Clay	12	20
Hard Pan	20	32
Boulder	32	33
Hard Pan	33	95
H_2O Vien	95	96
## Hard Pan	96	98

Work started ....., 19..... Completed ....., 19.....

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME HOOD CANAL DRILLING CO.
(Person, firm, or corporation) (Type or print)

Address Rt.2, Box 690 Quilcene 98376

[Signed] Merriel W Mahoney
(Well Driller)

License No. 223-02-6395 Date 1/9/ 19 73

(USE ADDITIONAL SHEETS IF NECESSARY)

S. F. No. 7356—OS—(Rev. 4-71).

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT
STATE OF WASHINGTON

Application No. .....
Permit No. .....

(1) OWNER: Name Mat Wanner PO Box 1013 Address Sequim Wash 98382

(2) LOCATION OF WELL: County Clallam NE ¼ SW ¼ Sec 36 T 30 N., R 4 W.M.
Bearing and distance from section or subdivision corner Lot 1 of Hornback Short Plat

(3) PROPOSED USE: Domestic [X] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

(4) TYPE OF WORK: Owner's number of well (if more than one) ....
New well [X] Method: Dug [ ] Bored [ ]
Deepened [ ] Cable [ ] Driven [ ]
Reconditioned [ ] Rotary [ ] Jetted [ ]

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 240 ft. Depth of completed well 220 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Diam. from 0 ft. to ..... ft.
Threaded [ ] ..... " Diam. from ..... ft. to ..... ft.
Welded [X] ..... " Diam. from ..... ft. to ..... ft.

Perforations: Yes [X] No [ ]
Type of perforator used Mills Knife
SIZE of perforations ¾ in. by 2½ in.
15 perforations from 211 ft. to 216 ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.

Screens: Yes [ ] No [X]
Manufacturer's Name .....
Type ..... Model No .....
Diam. ..... Slot size ..... from ..... ft. to ..... ft.
Diam. ..... Slot size ..... from ..... ft. to ..... ft.

Gravel packed: Yes [ ] No [X] Size of gravel: .....
Gravel placed from ..... ft. to ..... ft.

Surface seal: Yes [X] No [ ] To what depth? 15 ft.
Material used in seal Denton Mud Puddle Clay
Did any strata contain unusable water? Yes [ ] No [ ]
Type of water? ..... Depth of strata .....
Method of sealing strata off .....

(7) PUMP: Manufacturer's Name .....
Type: ..... H.P. .....

(8) WATER LEVELS: Land-surface elevation above mean sea level APPX 280 ft.
Static level 90 ft. below top of well Date 1-30-80
Artesian pressure ..... lbs. per square inch Date .....
Artesian water is controlled by ..... (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes [ ] No [X] If yes, by whom? .....
Yield: ..... gal./min. with ..... ft. drawdown after ..... hrs.
" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test 1-30-80
Bailer test 1½ gal./min. with 100 ft. drawdown after 2 hrs.
Artesian flow ..... g.p.m. Date .....
Temperature of water 49 Was a chemical analysis made? Yes [ ] No [X]

(10) WELL LOG:

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Brown: Firm Clay	0	6
Brown Gravel + Boulders	6	13
Gray Cemented Gravel	13	52
Gray Sand + Some Clay	52	58
Gray Gravel + Sandy Clay	58	62
Gray Firm Clay + Gravel	62	210
Gray Gravel + Some Sand w/ B	210	216
Gray Shale	216	240

RECEIVED
FEB 15 1980
DEPARTMENT OF ECOLOGY
SOUTHWEST REGIONAL OFFICE

Work started 1-23 , 1980 Completed 1-30 , 1980

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Stoican Drilling Co Inc
(Person, firm, or corporation) (Type or print)

Address PO Box 161 Sequim Wash 98382

[Signed] Valeri Stoican (President 0473)
(Well Driller)
Harold Miller

License No. 0343 Date 2-4 , 1980
Don Miller Helper

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT
STATE OF WASHINGTON

Application No. .....
Permit No. .....

(1) OWNER: Name Mat WANNER P.O. Box 1630 Address Sequim Wash. 98382

(2) LOCATION OF WELL: County Clallam NE ¼ SW ¼ Sec. 36 T. 30 N., R. 4 W.M.
Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one) .....
New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ N/R Rotary ☒ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 77 ft. Depth of completed well 75' ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6 " Diam. from 0 ft. to 53' ft.
Threaded ☐ ..... " Diam. from ..... ft. to ..... ft.
Welded ☒ ..... " Diam. from ..... ft. to ..... ft.

Perforations: Yes ☒ No ☐
Type of perforator used Mills Knife
SIZE of perforations ¼ in. by 3 in.
14 perforations from 37 ft. to 52 ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.

Screens: Yes ☐ No ☒
Manufacturer's Name .....
Type ..... Model No. .....
Diam. ..... Slot size ..... from ..... ft. to ..... ft.
Diam. ..... Slot size ..... from ..... ft. to ..... ft.

Gravel packed: Yes ☐ No ☒ Size of gravel: .....
Gravel placed from ..... ft. to ..... ft.

Surface seal: Yes ☒ No ☐ To what depth? 18 ft.
Material used in seal Bentonite Cement
Did any strata contain unusable water? Yes ☐ No ☒
Type of water? ..... Depth of strata .....
Method of sealing strata off .....

(7) PUMP: Manufacturer's Name .....
Type: ..... H.P. .....

(8) WATER LEVELS: Land-surface elevation above mean sea level APPROX 220 ft.
Static level 11 ft. below top of well Date 3-25-84
Artesian pressure ..... lbs. per square inch Date .....
Artesian water is controlled by ..... (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☒ If yes, by whom? .....
Yield: ..... gal./min. with ..... ft. drawdown after ..... hrs.
" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level
Bail Test 3 6PM	Full	30 min			
Thereafter 2 PM					

Date of test .....
Bailer test 2 gal./min. with Full ft. drawdown after 1½ hrs.
Artesian flow ..... g.p.m. Date .....
Temperature of water 49 Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG:

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Brown Gravelly Surface Soil	0	8
Brown Boulders + Clay	8	27
Brown Wet Gravel Packed	27	50
Brown Gravelly Clay	50	59
Gray Gravelly Clay	59	74
Gray Clay	74	77
		↓

RECEIVED
APR 19 1984
Department of Ecology
Southwest Regional Office

Work started 3-20 1984 Completed 3-25 1984

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Stocum Drilling Co Inc
(Person, firm, or corporation) (Type or print)

Address P.O. Box 161 Sequim, Wash

[Signed] Harold Stocum (President) 2473
(Well Driller)
Harold Miller

License No. 0343 Date 3-27 1984
Clinton Rushton Helper

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

WATER WELL REPORT
STATE OF WASHINGTON

Start Card No. W 41797
Water Right Permit No.

(1) OWNER: Name MONTGOMERY MONTY Address 215 FERNDALE RD. SEQUIM, WA 98382-

(2) LOCATION OF WELL: County CLALLAM - SW 1/4 SW 1/4 Sec 36 T 30 N., R 4 WM
(2a) STREET ADDRESS OF WELL (or nearest address) SAME

(3) PROPOSED USE: DOMESTIC

(4) TYPE OF WORK: Owner's Number of well (If more than one)
NEW WELL Method: ROTARY

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 204 ft. Depth of completed well 204 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Dia. from 01 ft. to 41 ft.
WELDED " Dia. from ft. to ft.
" Dia. from ft. to ft.

Perforations: YES
Type of perforator used SAW CUT
SIZE of perforations in. by in.
50 perforations from 50 ft. to 204 ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: NO
Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

Gravel packed: NO Size of gravel
Gravel placed from ft. to ft.

Surface seal: YES To what depth? 18 ft.
Material used in seal BENTONITE
Did any strata contain unusable water? NO
Type of water? Depth of strata ft.
Method of sealing strata off NONE

(7) PUMP: Manufacturer's Name
Type NONE H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level 30 ft. below top of well Date 08/19/93
Artesian Pressure lbs. per square inch Date
Artesian water controlled by NOT ARTESIAN

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.
Was a pump test made? NO If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

Recovery data

Time	Water Level	Time	Water Level	Time	Water Level

Date of test / /
Bailer test gal/min. ft. drawdown after hrs.
Air test 12 gal/min. w/ stem set at 200 ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? NO

(10) WELL LOG

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

MATERIAL	FROM	TO
TOPSOIL	0	1
GRAY CLAY AND GRAVEL	1	37
GRAY SHALE	37	182
BROKEN GRAY SHALE WATER BEARING	182	194
GRAY SHALE	194	204
175FT. P.V.C.	204	

Work started 08/18/93 Completed 08/19/93

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME LOUIE'S WELL DRILLING,INC
(Person, firm, or corporation) (Type or print)

ADDRESS 363 S BARR RD PORTANGELES

[SIGNED] Bob Tillis License No. 0868

Contractor's
Registration No. LOUIEWD137PW Date 08/24/93

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT
STATE OF WASHINGTON

Application No. .....
Permit No. .....

(1) OWNER: Name W Red Childers Address Carlsborg

(2) LOCATION OF WELL: County ..... SE¼ ..... ¼ Sec. ..... T 30 N., R 4 W.M.
Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic ☑ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one) .....
New well ☑ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☑ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 51 ft. Depth of completed well 51 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Diam. from 0 ft. to 51 ft.
Threaded ☐ ..... " Diam. from ..... ft. to ..... ft.
Welded ☑ ..... " Diam. from ..... ft. to ..... ft.

Perforations: Yes ☐ No ☑
Type of perforator used .....
SIZE of perforations ..... in. by ..... in.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.

Screens: Yes ☐ No ☑
Manufacturer's Name .....
Type ..... Model No. .....
Diam. ..... Slot size ..... from ..... ft. to ..... ft.
Diam. ..... Slot size ..... from ..... ft. to ..... ft.

Gravel packed: Yes ☐ No ☑ Size of gravel: .....
Gravel placed from ..... ft. to ..... ft.

Surface seal: Yes ☑ No ☐ To what depth? 20 ft.
Material used in seal Bentonite
Did any strata contain unusable water? Yes ☐ No ☑
Type of water? ..... Depth of strata .....
Method of sealing strata off .....

(7) PUMP: Manufacturer's Name .....
Type: ..... H.P. .....

(8) WATER LEVELS: Land-surface elevation above mean sea level .... 100 ft.
Static level 24 ft. below top of well Date 5-13-77
Artesian pressure ..... lbs. per square inch Date .....
Artesian water is controlled by ..... (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☐ If yes, by whom? .....
Yield: ..... gal./min. with ..... ft. drawdown after ..... hrs.
" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test .....
Bailer test 10+ gal./min. with 6 ft. drawdown after 1 hrs.
Artesian flow ..... g.p.m. Date .....
Temperature of water ..... Was a chemical analysis made? Yes ☐ No ☑

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Top soil	0	7
~~Sand~~	~~7~~	~~21~~
hard pan	7	21
fine sand & water	21	~~45~~ 23
hard pan	23	45
gravel & water	45	51

Work started ..... 19 ..... Completed ..... 19 .....

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Richard Bakkemo
(Person, firm, or corporation) (Type or print)

Address Route 2 Box 338 Sequim

[Signed] Richard Bakkemo
(Well Driller)

License No. 779 Date 5-23, 1977

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

WASHINGTON STATE DEPT OF
NATURAL RESOURCES

June 29, 2019

MEMORANDUM

TO: **Cindy Neff, DNR Conservation, Recreation, & Transactions Division**

FROM: **Ana Shafer, Geologist, Forest Resources and Product Sales & Leasing Divisions**

SUBJECT: **Proposed "River Road Transfer" property transaction – geologic review summary DNR Olympic Region, Clallam County, Washington**

This memorandum is regarding a property proposed for transfer from Common School Trust. The property is referred to as "River Road Transfer". The approximately 320-acre parcel is located in DNR's Olympic Region, Clallam County, along the Dungeness River, in portions of Section 36, Township 30 North, Range 04 West, Willamette Meridian (W.M.)

You requested a review of the potential for surface and subsurface minerals. I have completed an office-based review of the mineral potential, and I have also screened for potentially unstable slopes and landforms.

The information I reviewed includes the following, some of which is available on DNR's GIS database.

- 1:24,000-scale geologic mapping by Schasse and Logan (1998) and Schasse and Wegmann (2000);
- Inventory of Washington Minerals, Parts I (nonmetallic minerals) and II (metallic minerals), Bulletin 37 (Valentine and Huntting, 1960; Huntting, 1956, respectively);
- LiDAR digital elevation models (DEMs) – years flown 2002 ("Clallam 2002"), 2008 ("Dungeness River 2008"), and 2016 ("Dungeness Topobathy 2016");
- Digital orthophotos, including 2000 (3-foot, black and white), 2006 (18-inch, color), 2009, 2011, 2013 (latter three: 3-foot, color), 2015 and 2017 (latter two: 1-foot, color);
- Washington Geological Survey's "Landslide Hazards – All Layers" GIS layers;
- Forest Practices Landslide Inventory and Landslide Hazard Zones GIS layers; and
- Additional layers on the DNR GIS database: "Coal – All Layers" and "Oil and Gas Wells".

Based on a review of available information, the River Road Transfer property appears to have low potential for subsurface minerals (metals, coal, oil, gas, and other nonmetallic) and relatively low potential for surface minerals (sand, gravel, and rock). Although some potential exists that there may be

DEPARTMENT OF NATURAL RESOURCES

253-569-2307
ANA.SHAFER@DNR.WA.GOV
WWW.DNR.WA.GOV

sand and gravel of moderate to high quality in the older alluvium unit ("Qoa") described below and potentially basalt of some quality in the volcanic unit ("Ev(c)") also described below, several factors suggest a low potential for this site to be developed commercially. The volcanic unit tends to be highly variable in quality, and it is capped by a mantle of non-commercial glacial till of unknown thickness. Depending on the nature of the water storage project proposed for this property, there may be potential for the sale of sand and gravel from the Qoa unit, depending on the quality of the deposit, the quantity of fines (silt and clay), and other factors.

According to geologic mapping by Schasse and Logan (1998) and Schasse and Wegmann (2000), the western margin of the property along the Dungeness River is underlain by alluvial deposits (unit "Qa"), river-deposited sand, gravel, pebbles, and cobbles with fines (silt and clay), as well as peat (Figure 1). Through the middle, relatively flat portion of the property, published mapping indicates the presence of older alluvial deposits (unit "Qoa"), described as "crudely stratified cobbly, pebbly, bouldery gravel in a matrix of sand, silt, and clay". The upland areas are likely underlain by rocks of the Eocene Crescent Formation (unit "Ev(c"), capped by a mantle of Vashon glacial till (unit "Qgt" of Schasse and Wegmann (2000) and "Qgt(v)" of Schasse and Logan (1998)).

Unit Ev(c), basalt, basalt breccia, and diabase, is described by Schasse and Wegmann (2000) as "mostly porphyritic to aphyric, sparsely jointed, and pillow basalt and lesser basaltic breccia. Glacial till is described by Schasse and Wegmann (2000) as a poorly sorted mix of "pebbly, clayey, sandy silt with scattered cobbles and sparse boulders".

Schasse and Wegmann (2000) map one landslide in the property. This mapping was published prior to LiDAR becoming available. My review of the LiDAR DEMs suggests the mapped landslide, unit Qls on Figure 1, is nonexistent, as their does not appear to be visible landslide morphology, such as a headscarp, body, and toe. However, there does appear to be a likely deep-seated landslide within the southern portion of the property above River Road, along a roughly east-west-trending fault. This would need to be confirmed on the ground.

This geologic review is based on a remote, office-based evaluation. No field evaluation or lab testing has been conducted. A field evaluation would be needed to validate or refine these interpretations. If you have any questions, or if additional information is required, please contact me.



Ana Shafer, L.E.G. #1123
State Lands Minerals & Aggregate Program Manager
Forest Resources and Product Sales & Leasing Divisions
WA Department of Natural Resources

References

Huntting, Marshall T., 1956, Inventory of Washington minerals; Part II--Metallic minerals: Washington Division of Mines and Geology Bulletin 37, Part II, 2 v.

Schasse, Henry W.; Logan, Robert L., 1998, Geologic map of the Sequim 7.5-minute quadrangle, Clallam County, Washington: Washington Division of Geology and Earth Resources Open File Report 98-7, 22 p., 2 plates.

Schasse, Henry W.; Wegmann, Karl W., 2000, Geologic map of the Carlsborg 7.5-minute quadrangle, Clallam County, Washington: Washington Division of Geology and Earth Resources Open File Report 2000-7, 27 p., 2 plates, scale 1:24,000.

Valentine, Grant M.; Huntting, Marshall T., reviser, 1960, Inventory of Washington minerals; Part I--Nonmetallic minerals; 2nd edition: Washington Division of Mines and Geology Bulletin 37, Part I, 2nd ed., 2 v.

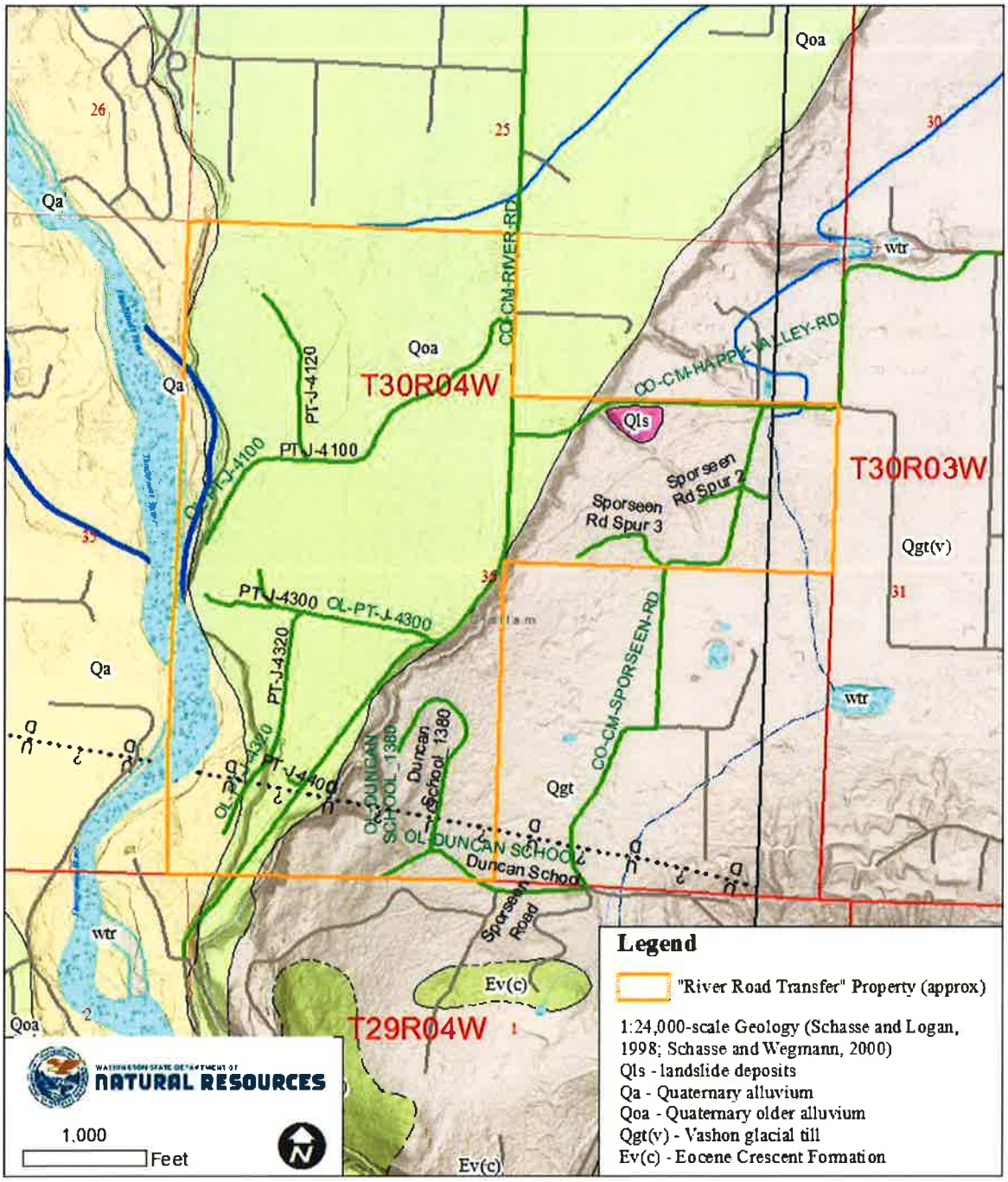
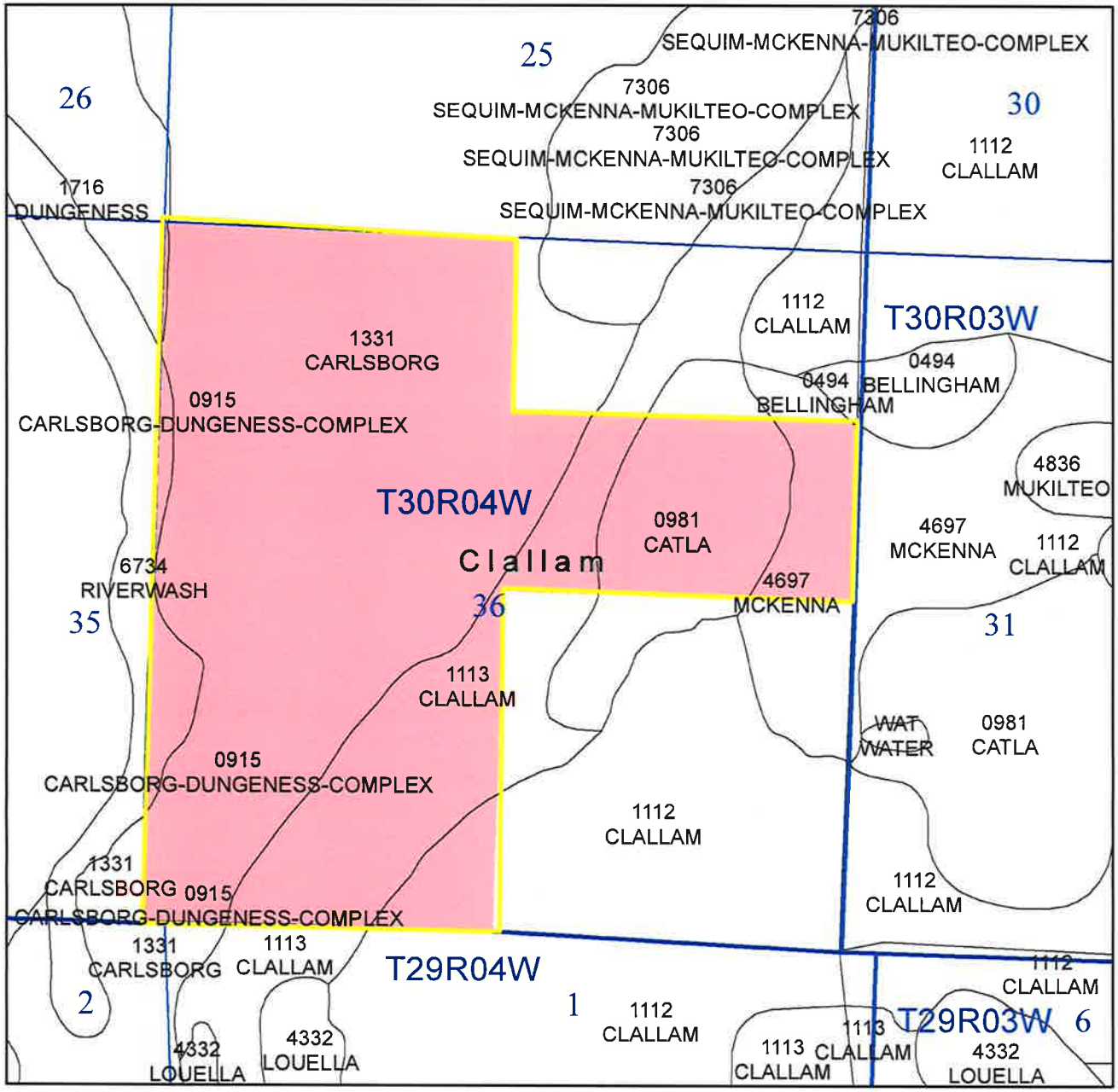


Figure 1 – 1:24,000-scale geologic mapping by Schasse and Logan (1998) and Schasse and Wegmann (2000), projected over the following LiDAR DEMs: 2002 ("Clallam 2002"), 2008 ("Dungeness River 2008"), and 2016 ("Dungeness Topobathy 2016").

River Road Transfer

Clallam County

Soils



Legend

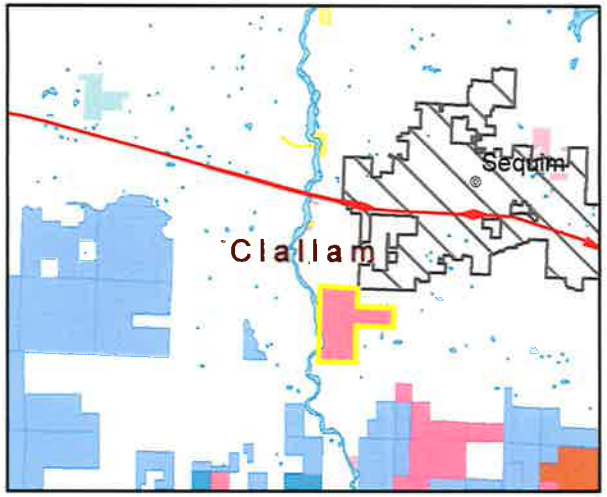
- River Road Parcel

Soils

- Soils

DNR-Managed Lands by Surface Trust

- Common School (3)



WASHINGTON STATE DEPT OF NATURAL RESOURCES

N

0 0.1 0.2 0.4 0.6 Miles

Disclaimer: Extreme care was used during the compilation of this map to ensure accuracy. However, due to changes in ownership and the need to rely on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions, and, therefore, there are no warranties which accompany this material.

Created by: Micki McCulloch, CRT Division Date: 3/25/2019

ANCHOR QEA

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MEMORANDUM

To:	Amanda Cronin, Washington Water Trust	**Date:**	May 23, 2014
From:	John Laplante, P.E., Anchor QEA, LLC Zachary L. Koehn, Anchor QEA, LLC	**Project:**	130392-01.01
Cc:	Peter Schwartzman, L.H.G., Pacific Groundwater Group		
Re:	Dungeness Flow Enhancement: River Road Storage Project Preliminary Geotechnical Engineering Recommendations		

INTRODUCTION

Washington Water Trust (WWT) is investigating potential projects that will enhance flows in the Dungeness River and its tributaries. Strategies for improving flow rates include infiltration and storage of irrigation water. A preliminary screening of potential project sites identified Clallam County Parcel 043036210000, which is owned by the Washington State Department of Natural Resources (DNR), as a potential location for a storage reservoir. The parcel is located south of the City of Sequim, Washington, between River Road and the Dungeness River (see Figure 1). During high flow periods, the reservoir would capture irrigation water from a drainage ditch, which currently bisects the parcel, and store it for late-summer irrigation use. Water delivered from the reservoir for irrigation would allow for an equal reduction in diversions from the Dungeness River, which would increase flows in the river during the late summer critical low flow period. The proposed storage reservoir would be created by excavating, backfilling, and constructing an earthen embankment. A preliminary analysis of the site indicates that the potential reservoir could be sized to store up to 1,586 acre-feet of water for irrigation. A storage reservoir of this volume would require excavation of approximately 711,000 cubic yards of material and placement of approximately 770,000 cubic yards of material.

Presented in this memorandum are site investigation findings and preliminary geotechnical engineering recommendations for earthwork and reservoir construction. Subsurface explorations, consisting of seven shallow test pits, were performed on May 7, 2014. A total

of eight samples were collected, minimum of one per test pit, and were analyzed for particle size distribution and particle fraction smaller than the No. 200 sieve (ASTM D6913 and D1140, respectively). The subsurface explorations allowed for a physical characterization of the near-surface soils, which inform the recommendations presented herein. The recommendations for earthwork and reservoir construction provided herein apply to typical reservoir designs. Design-specific recommendations based on more thorough analyses, such as stability evaluations and seismic hazard assessment, were not part of this scope of work, and should therefore be developed prior to final design.

SITE CONDITIONS

An Anchor QEA geotechnical engineer investigated the site conditions during two site visits: an initial site reconnaissance and the subsurface exploration. A broad and qualitative description of the surface conditions is provided and is based on observations made during both site visits. The subsurface conditions are described for the soil units observed during the advancement of seven test pits located across the site, as shown in Figure 1.

Surface Conditions

The 319-acre DNR parcel (No. 043036210000) generally slopes from south to north, with minor topographical rises and depressions throughout the site. DNR leases the site for timber harvest, and the cleared portion shown in Figure 1 was logged within the last 10 years. The site is vegetated with grasses, shrubs, and trees ranging from saplings to adult evergreens. Large stumps from logging activities and cobbles and boulders are visible on the ground surface. A drainage ditch, the Highland Ditch Company H-1 Lateral, flows through the property from south to north; the ditch bisects the property and is more than 5 feet wide and roughly 1 foot deep.

Subsurface Conditions

Seven test pits were advanced to depths ranging from 8 to 10 feet below ground surface (bgs). General descriptions of the soil units observed are described below and are listed in order from the ground surface downward. Estimates of density are inferred and reported parenthetically, based on observations of the excavator during digging and collection of samples from in situ material. Actual measurements of the soil density, which would have

required a drill rig and standard penetration test sampler, were beyond the scope of this work. The test pit logs are included as Attachment A.

Top Soil (SM): The soil nearest to the surface was observed in all exploration locations to be top soil ranging from 0.5 to 1.0 foot in thickness. The unit is a (loose), dry to damp, dark brown, fine to medium silty sand with frequent cobbles, occasional boulders, decomposed organics, and abundant fine to small roots. Roots typically extended 1.5 to 2.5 feet bgs. Cobbles and boulders in the top soil unit comprise approximately 20 to 40% of the composition. Larger roots were generally not encountered, as the test pit locations were selected away from trees.

Silty Sand (SM): The soil immediately beneath the top soil is a unit of silty sand ranging from 1.0 to 2.0 foot in thickness. The unit is a loose to medium-dense, dry-to-damp, reddish-brown to reddish yellow-brown, fine-to-medium, gravelly silty sand with frequent cobbles and boulders and some fine to small roots. Cobbles and boulders comprise approximately 30 to 60% of the composition. Based on laboratory sieve analysis of the size fraction less than 1.25-inch diameter, silt composition ranged from 9 to 23%, sand from 42 to 43%, and gravel from 33 to 35%.

Dense Alluvium (SP-SM/SM/GP-SM/GM): Underlying the silty sand is a unit of alluvium comprising primarily cobbles and boulders, with variable amounts of silt, sand, gravel, and rock clasts within the void space of the cobbles and boulders. The unit thickness ranged from 6.0 to over 7.5 feet. The unit is (medium dense to very dense) primarily reddish brown, and dry to damp in the upper 1 to 3 feet, and it transitions to yellow-brown and damp to moist with depth. The cobble and boulder composition ranged from 50 to 80% in the upper 3 to 5 feet of the unit and generally decreased to 40 to 60% with depth. Boulder diameters were frequently observed to be 1 to 2 feet and occasionally observed to be just over 2 feet. Based on laboratory sieve analysis of the size fraction less than 1.25-inch diameter, silt composition ranged from 6 to 19%, sand from 36 to 68%, and gravel from 23 to 46%.

In test pits TP01 and TP04, excavation was difficult due to the very densely packed cobbles and boulders. In test pits TP02, TP05, TP06, and TP07, sand and gravel pockets at depth were observed, where cobble and boulder composition decreased to approximately 40 to

60%. TP07 was the only test pit advanced through the alluvium unit, which was observed to be 6.0 feet thick at this location.

Silty Sand (SM): TP07 was advanced through the alluvium unit and into a (loose to medium dense), damp, yellow-brown gray, uniform, fine to medium silty sand with small, non-plastic silt balls. This silty sand unit was relatively easy to excavate; however, it is unknown if the unit is a localized pocket or underlies the dense alluvium unit in other regions of the site. The silt content was estimated to be 18.9%.

Groundwater: At the time of the explorations, groundwater was not observed in any of the test pits. Laboratory testing consisted of four sieve analyses of particle size distribution (ASTM D6913) and four analyses of particle fraction smaller than the No. 200 sieve (ASTM D1140). A tabulated summary of the results is presented in Table 1; the results are included as Attachment B.

Table 1
Summary of Sieve Analyses

Sample ID	Depth Interval (feet; bgs)	Gravel (%)	Sand (%)	Fines (%)	D_{85}[1] (mm)	D_{15}[2] (mm)
TP01-GRAB01	1.0 to 2.0	33.3	43.4	23.3	16	<0.075
TP02-GRAB02	2.0 to 4.0	46.4	35.5	18.1	23	<0.075
TP03-GRAB03	1.0 to 3.0	35.4	42.0	22.6	14	<0.075
TP04-GRAB04	4.0 to 6.0	---	---	5.6	---	---
TP05-GRAB05	1.0 to 2.0	---	---	9.4	---	---
TP06-GRAB06A	3.0 to 4.0	23.2	68.4	8.4	8	0.3
TP06-GRAB06B	6.0 to 8.0	---	---	7.0	---	---
TP07-GRAB07	8.0 to 10.0	---	---	18.9	---	---

Notes:
1. D_{85} = particle diameter in millimeters corresponding to 85% passing by weight
2. D_{15} = particle diameter in millimeters corresponding to 15% passing by weight
bgs = below ground surface

GEOTECHNICAL RECOMMENDATIONS

This section presents engineering recommendations for earthwork and berm and reservoir construction, including the following:

- Earthwork recommendations
  - Site preparation
  - Material re-use
  - Subgrade Preparation
  - Fill selection, placement, and compaction
- Berm and reservoir construction
  - Embankments, crest, filter, and reservoir liner
  - Erosion control

Construction recommendations provided herein are for preliminary design purposes and are based on typical reservoir designs. Design-specific construction recommendations will need to be developed prior to final design.

Earthwork Recommendations

Site Preparation

Site preparation should be accomplished to provide a firm, unyeilding surface for berm construction and liner placement; therefore, we recommend the following:

- Remove all trees and vegetation from the reservoir and embankment footprint, including large-diameter roots near the final grade surface and existing stumps.
- Remove organic soils and stockpile for future re-vegetation of exterior embankment slopes and general disturbed areas not within the reservoir footprint.
- After site grading, remove large boulders that may be present near the surface, as the presence of boulders will impact fill placement and compaction. Backfill voids that result from the removal of near-surface boulders.
- Excavate soft, pervious soils located beneath the berm footprint and backfill with compacted earth fill. Excavation should be performed to competent subgrade.

Material Re-use

Excavated material can be re-used as berm earth fill, provided that cobbles and boulders larger than 4 inches in diameter are removed prior to re-use. Due to the heterogeneity of the subsurface conditions and the potential for segregation of soils during sorting, careful planning and inventorying will be required during construction to accomplish uniform placement and compaction. Additionally, gravels and cobbles screened from the excavated material ranging from 1 to 12 inches would be suitable for use as a protection layer for the reservoir liner.

Other materials that are suitable for re-use include the following:

- Well-graded sand and gravel may be suitable for use as filter material, provided that the appropriate gradation requirements are met.
- Coarse (1- to 3-inch diameter) gravel can be used for construction of geotextile-encased drains.
- Fine grained soils consisting of at least 20% silt and clay are suitable to line the reservoir floor and upstream embankment.

Soils with appreciable clay and silt content (typically >5%) can be moisture sensitive; therefore, stockpiling should be done with care to prevent excessive drying or saturation of the material. The material may need to be moisture conditioned to meet compaction requirements. Achieving compaction of moisture-sensitive soils during wet weather construction could pose a significant challenge to the contractor.

Subgrade Preparation

Subgrade preparation to accomplish uniform bearing, as a minimum, should be performed as follows:

- Scarify the upper 8 to 12 inches of the subgrade, dry or moisten as necessary, and recompact.
- Certain materials, such as heavily preconsolidated clays, will not benefit from compaction, and saturated silts and silty fine sands that become quick during compaction should be blanketed with a working mat of lean concrete or coarse-grained material to prevent disturbance or softening.

- Depending on the foundation conditions revealed during grading and excavation, loose or soft soils may have to be removed below subgrade and recompacted.

Fill Selection, Placement, and Compaction

To meet desired performance standards, as well as to minimize storage loss through seepage, fill selection, placement, and compaction will be unique for each of the different berm and reservoir components.

Typical berm designs of small dams include a filter and upstream and downstream earth fill embankments. For berm construction we recommend the following:

Filter

Drainage and particle retention required of the filter layer can be accomplished with one of the following options:

- 1- to 3-inch coarse gravel drain rock encased by appropriate geotextile fabric (Class II for rounded rock, Class I for angular rock)
  A well-graded granular material that meets filtering and permeability requirements prescribed by the Washington Department of Ecology for Dam Safety Guidelines (July 1993). Material selected for filter material should be reviewed by a geotechnical engineer prior to use.

Filter layer compaction should be performed to 90% maximum density, per ASTM D1557, and placed in a maximum of 8-inch lifts, for a total minimum thickness/width of 1 foot. Furthermore, material should be handled with care to prevent segregation of material before placement.

Note that clogging and plugging of geotextiles could be problematic when used as filters. Additionally, to prevent damage to the geotextile fabric, the contractor must be especially careful during berm construction. Compromising the integrity of the geotextile could lead to internal erosion and piping, leading to poor performance. The risks related to geotextiles should be considered during filter design, and construction of berms using geotextiles should be performed by an experienced contractor.

Earth Fill

Material selected as earth fill for construction of the upstream and downstream embankments should be placed in a maximum of 12-inch lifts and compacted to 92% maximum density, per ASTM D1557. The material should be placed within -1 to 3% of the optimum moisture content, as determined by ASTM D1557. Avoid over compacting the embankments, as ductility is a desired property.

Liner

Due to the heterogeneity and granular nature of the subsurface conditions, we recommend that a liner be used to limit infiltration of water stored in the reservoir. For construction of the reservoir liner, we recommend using a low-permeability material that consists of at least 20% clay or silt. Compaction should be performed to 90% maximum density, per ASTM D1557, and placed in a maximum of 6-inch lifts. The material should be placed within -2 to 2% of the optimum moisture content, as determined by ASTM D1557. Avoid over compacting the liner material, as ductility is a desired property.

Alternatively, liner objectives can be accomplished by using a geosynthetic liner such as Huesker Canal[3], provided that proper subgrade preparation, seam welding/sealing, and anchorage are performed per the recommendation provided herein and the manufacturer's recommendations.

Berm and Reservoir Construction

For preliminary design purposes, construction of the berm and reservoir floor should be performed to meet the following recommendations. Design-specific recommendation may vary.

- The crest of the berm should include an access path at least 10 feet wide, with a minimum 4-inch-thick coarse top (2-inch crushed rock). For drainage, the crest should slope 1% downstream.
- Embankments should be no steeper than 2H:1V (horizontal:vertical) for the downstream slope and 3H:1V for the upstream slope. Embankment slopes may need to be constructed at shallower grades, pending static and seismic stability evaluations.

- Enough top soil should be placed along the downstream slope to support vegetation and hydroseeded with a suitable grass mixture. Top soil re-use should be free of large woody vegetation. Use appropriate erosion-control measures until vegetation has rooted.
- Filter thickness/width should be at least 1.5 feet.
- If a soil liner is used, then its thickness should be at least 2.5 feet along the upstream berm and at least 2.0 feet for the reservoir floor.
- Geosynthetic liners, if used, should be installed by an experienced contractor.

LIMITATIONS

Because the subsurface explorations were limited to a maximum of 10.0 feet bgs, we recommend that, prior to final design, further investigation of soils at depths greater than 10 feet be performed, at minimum, along the crest of the berm. Furthermore, standardized sampling used to estimate soil density was not performed during this investigation; we therefore recommend that future explorations include in situ penetration testing and split-spoon sampling to estimate engineering soil properties, which will be required for stability evaluations. Due to the presence of boulders, sampling through the dense alluvium unit will not be feasible with standard equipment. Coring could be required for advancing borings through the dense alluvium layer and into underlying soils where penetration testing and sampling is recommended.

Consideration of seismic hazards was outside of the scope of work; however, as observed in TP07 (i.e., fine to medium silty sand at depth), potentially liquefiable soils may underlie the dense alluvium unit. Soils that are liquefiable can lose their load-bearing capacity during seismic events (Kramer 1996). The fine to medium silty sand observed in TP07, if present in a saturated state, could present stability concerns for the berm during a seismic event; therefore, we recommend a site-specific seismic hazard evaluation as part of the final design.

REFERENCES

ASTM Standard D1140, 2006. *Standard Test Methods for Amount of Material in Soils Finer than No. 200 (75-μm) Sieve.* West Conshohocken, PA: ASTM International.

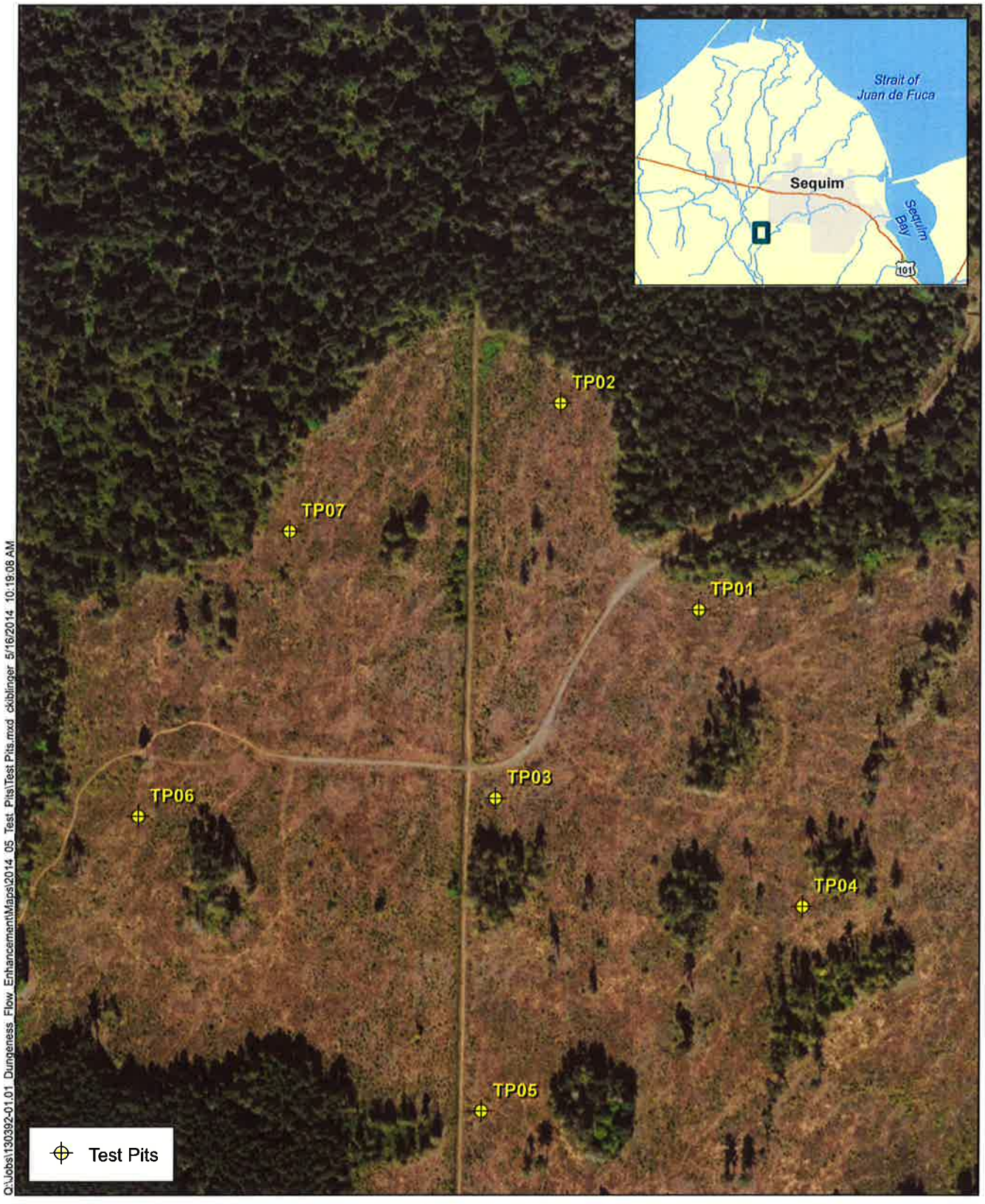
ASTM Standard D1557, 2012. *Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft³ (2,700 kN-m/m³)).* West Conshohocken, PA: ASTM International.

ASTM Standard D6913, 2009. *Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis.* West Conshohocken, PA: ASTM International.

Kramer, S.L., 1996. *Geotechnical Earthquake Engineering.* Upper Saddle River, New Jersey: Prentice Hall, Inc.

Washington State Department of Ecology, 1993. *Dam Safety Guidelines Part IV: Dam Design and Construction.* July 1993.

FIGURES



ANCHOR QEA

Feet
0 150 300

Figure 1
Test Pit Locations
Dungeness Flow Enhancement
Pacific Groundwater Group

ATTACHMENT A
TEST PIT LOGS

Test Pit Log

TP01

Sheet 1 of 1

Project: **Dungeness River Flow Enhancement**	Location: **Sequim, WA**	Excavation Method: **Excavator**
Project #: **130392-01.01**	Northing: **392791.868** Easting: **1076802.943**	Total Depth (ft): **8.0 feet**
Client: **Pacific Groundwater Group**	Horizontal Datum: **WASPN NAD83 US SURVEY FEET**	Logged By: **ZLK**
Collection Date: **05/07/2014**	Sample Collection Method: **Grab/Bulk Sample**	Contractor: **C and J Excavating**

Depth (ft)	Sample Interval	Analytical Tests	Groundwater	Soil Description Samples and descriptions are in recovered depths. Classification scheme based on USCS Description: (density), moist, color, minor, MAJOR, other	Graphic Log	Depth (ft)
0–1				Top Soil (SM): (loose), dry to damp, dark brown, fine to medium silty SAND (SM) with some gravel and abundant roots and other organics, frequent cobbles, fine to small roots to 2.5 ft bgs, approximately 20% to 40% cobbles and boulders		
1–2	GRAB01	GS		Silty SAND (SM): (loose), dry to damp, reddish brown, medium to coarse gravelly silty SAND (SM) with 30% to 50% cobbles and boulders		
2–3				ALLUVIUM: (dense to very dense), damp to moist, reddish brown to gray-brown, cobble and boulder matrix with primarily coarse gravel and sand, rock clasts, and some silt between particles, approximately 60% to 80% cobbles and boulders up to 1.8 feet in diameter		
3–4						
4–5				cobble and boulder content increases to approximately 70% to 80%		
5–6						
6–7						
7–8				excavation is very difficult, very dense matrix of large boulders		
8–9				Bottom of test pit at 8.0 feet bgs. Completed on 05/07/2014.		
9–10						

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Notes:
1. Soil characterization is based on material observed between cobbles and boulders.
2. Samples collected for laboratory testing includes gravel-size particles and smaller.
3. GS = Grain Size Analysis (ASTM D6913); #200 = Grain Size Analysis for #200 sieve only (ASTM D1140); ARC = Archive

Test Pit Log

TP02

Sheet 1 of 1

Project: **Dungeness River Flow Enhancement**	Location: **Sequim, WA**	Excavation Method: **Excavator**
Project #: **130392-01.01**	Northing: **393255.86** Easting: **1076488.964**	Total Depth (ft): **9.5 feet**
Client: **Pacific Groundwater Group**	Horizontal Datum: **WASPN NAD83 US SURVEY FEET**	Logged By: **ZLK**
Collection Date: **05/07/2014**	Sample Collection Method: **Grab/Bulk Sample**	Contractor: **C and J Excavating**

Depth (ft)	Sample Interval	Analytical Tests	Groundwater	Soil Description Samples and descriptions are in recovered depths. Classification scheme based on USCS Description: (density), moist, color, minor, MAJOR, other	Graphic Log	Depth (ft)
0				Top Soil (SM): (loose), dry to damp, dark brown, fine to medium silty SAND (SM) with some gravel and abundant roots and other organics, frequent cobbles, fine to small roots to 2.5 ft bgs, approximately 20% to 40% cobbles and boulders		0
1				Silty SAND (SM): (loose), dry to damp, reddish yellow-brown, medium to coarse gravelly silty SAND (SM) with 30% to 50% cobbles and boulders		1
2				ALLUVIUM: (dense to very dense), damp to moist, reddish brown to gray-brown, cobble and boulder matrix with primarily coarse gravel and sand and some silt content between particles, approximately 70% to 80% cobbles and boulders up to 2.0 feet in diameter		2
3	GRAB02	GS				3
4						4
5						5
6						6
7				cobble and boulder content decreases to approximately 40% to 60% decreasing gravel content, increasing sand content		7
8						8
9						9
10				Bottom of test pit at 9.5 feet bgs. Completed on 05/07/2014.		10

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Notes:
1. Soil characterization is based on material observed between cobbles and boulders.
2. Samples collected for laboratory testing includes gravel-size particles and smaller.
3. GS = Grain Size Analysis (ASTM D6913); #200 = Grain Size Analysis for #200 sieve only (ASTM D1140); ARC = Archive

Test Pit Log

TP03

Sheet 1 of 1

Project: **Dungeness River Flow Enhancement**	Location: **Sequim, WA**	Excavation Method: **Excavator**
Project #: **130392-01.01**	Northing: **392369.973** Easting: **1076346.958**	Total Depth (ft): **9.5 feet**
Client: **Pacific Groundwater Group**	Horizontal Datum: **WASPN NAD83 US SURVEY FEET**	Logged By: **ZLK**
Collection Date: **05/07/2014**	Sample Collection Method: **Grab/Bulk Sample**	Contractor: **C and J Excavating**

Depth (ft)	Sample Interval	Analytical Tests	Groundwater	Soil Description	Graphic Log	Depth (ft)
0				Top Soil (SM): (loose), dry to damp, dark brown, fine to medium silty SAND (SM) with some gravel and abundant roots and other organics, frequent cobbles, fine to small roots to 2.5 ft bgs, approximately 20% to 40% cobbles and boulders		0
1						1
2	GRAB03	GS		Silty SAND (SM): (loose), dry to damp, reddish yellow-brown, fine to coarse gravelly silty SAND (SM) with 40% to 60% cobbles and boulders		2
3				ALLUVIUM: (dense to very dense), damp to moist, reddish brown to gray-brown, cobble and boulder matrix with primarily coarse gravel and sand and some silt content between particles, approximately 60% to 80% cobbles and boulders up to 2.0 feet in diameter		3
4						4
5						5
6				transitions to moist, sandy GRAVEL (GP) with 60% to 80% cobbles and boulders		6
7						7
8						8
9						9
10				Bottom of test pit at 9.5 feet bgs. Completed on 05/07/2014.		10

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Notes: 1. Soil characterization is based on material observed between cobbles and boulders.
2. Samples collected for laboratory testing includes gravel-size particles and smaller.
3. GS = Grain Size Analysis (ASTM D6913); #200 = Grain Size Analysis for #200 sieve only (ASTM D1140); ARC = Archive

Test Pit Log

TP04

Sheet 1 of 1

Project: **Dungeness River Flow Enhancement**	Location: **Sequim, WA**	Excavation Method: **Excavator**
Project #: **130392-01.01**	Northing: **392127.611** Easting: **1077035.66**	Total Depth (ft): **8.0 feet**
Client: **Pacific Groundwater Group**	Horizontal Datum: **WASPN NAD83 US SURVEY FEET**	Logged By: **ZLK**
Collection Date: **05/07/2014**	Sample Collection Method: **Grab/Bulk Sample**	Contractor: **C and J Excavating**

Depth (ft)	Sample Interval	Analytical Tests	Groundwater	Soil Description Samples and descriptions are in recovered depths. Classification scheme based on USCS Description: (density), moist, color, minor, MAJOR, other	Graphic Log	Depth (ft)
0				Top Soil (SM): (loose), dry to damp, dark reddish brown, fine to medium silty SAND (SM) with some gravel and abundant roots and other organics, frequent cobbles, fine to small roots to 2.5 ft bgs, approximately 20% to 40% cobbles and boulders		0
1				Silty SAND (SM): (loose to medium dense), dry to damp, reddish yellow-brown, fine to coarse gravelly silty SAND (SM) with 40% to 60% cobbles and boulders		1
2						2
3				ALLUVIUM: (dense to very dense), damp to moist, reddish brown to gray-brown, cobble and boulder matrix with primarily coarse gravel and sand and some silt content between particles, approximately 60% to 80% cobbles and boulders up to 2.0 feet in diameter		3
4				@ 4.0 to 6.0 ft bgs: pocket of moist, coarse gravelly SAND (SP) with trace silty, 50% to 60% cobbles and boulders		4
5	GRAB04	#200				5
6				boulder content increases; cobble and boulder content increase to 70% to 80%		6
7						7
8						8
9				Bottom of test pit at 8.0 feet bgs. Completed on 05/07/2014.		9
10						10

ANCHOR QEA
720 Olive Way, Suite 1900
Seattle, WA 98101
206-287-9130

Notes:
1. Soil characterization is based on material observed between cobbles and boulders.
2. Samples collected for laboratory testing includes gravel-size particles and smaller.
3. GS = Grain Size Analysis (ASTM D6913); #200 = Grain Size Analysis for #200 sieve only (ASTM D1140); ARC = Archive

Test Pit Log

TP05

Sheet 1 of 1

Project: **Dungeness River Flow Enhancement**	Location: **Sequim, WA**	Excavation Method: **Excavator**
Project #: **130392-01.01**	Northing: **391669.398** Easting: **1076316.93**	Total Depth (ft): **8.0 feet**
Client: **Pacific Groundwater Group**	Horizontal Datum: **WASPN NAD83 US SURVEY FEET**	Logged By: **ZLK**
Collection Date: **05/07/2014**	Sample Collection Method: **Grab/Bulk Sample**	Contractor: **C and J Excavating**

Depth (ft)	Sample Interval	Analytical Tests	Groundwater	Soil Description Samples and descriptions are in recovered depths. Classification scheme based on USCS Description: (density), moist, color, minor, MAJOR, other	Graphic Log	Depth (ft)
0				Top Soil (SM): (loose), dry to damp, dark brown, fine silty SAND (SM) with occasional gravel and abundant roots and other organics, frequent cobbles, fine to small roots to 1.5 ft bgs, approximately 20% to 40% cobbles and boulders		0
1	GRAB05	#200		SAND with Silt (SP-SM): (loose to medium dense), dry to damp, reddish yellow-brown, fine to coarse gravelly SAND with Silt (SP-SM), 40% to 60% cobbles and boulders		1
2				@2.0 ft bgs: gravel lense with coarse sand and some cobbles		2
3				ALLUVIUM: (dense to very dense), damp to moist, reddish brown to gray-brown, cobble and boulder matrix with primarily coarse gravel and sand and some silt content between particles, approximately 80% cobbles and boulders over 2.0 feet in diameter		3
4						4
5				@5.5 ft bgs: material becomes moist		5
6						6
7				transitions to silty SAND (SM) with cobble and boulder content decreasing to 50% to 60%		7
8				Bottom of test pit at 8.0 feet bgs. Completed on 05/07/2014.		8
9						9
10						10

ANCHOR QEA
720 Olive Way, Suite 1900
Seattle, WA 98101
206-287-9130

Notes: 1. Soil characterization is based on material observed between cobbles and boulders.
2. Samples collected for laboratory testing includes gravel-size particles and smaller.
3. GS = Grain Size Analysis (ASTM D6913); #200 = Grain Size Analysis for #200 sieve only (ASTM D1140); ARC = Archive

Test Pit Log

TP06

Sheet 1 of 1

Project: **Dungeness River Flow Enhancement**	Location: **Sequim, WA**	Excavation Method: **Excavator**
Project #: **130392-01.01**	Northing: **392329.805** Easting: **1075548.113**	Total Depth (ft): **8.0 feet bgs**
Client: **Pacific Groundwater Group**	Horizontal Datum: **WASPN NAD83 US SURVEY FEET**	Logged By: **ZLK**
Collection Date: **05/07/2014**	Sample Collection Method: **Grab/Bulk Sample**	Contractor: **C and J Excavating**

Depth (ft)	Sample Interval	Analytical Tests	Groundwater	Soil Description Samples and descriptions are in recovered depths. Classification scheme based on USCS Description: (density), moist, color, minor, MAJOR, other	Graphic Log	Depth (ft)
0				Top Soil (SM): (loose), dry to damp, dark reddish brown, fine to medium silty SAND (SM) with some gravel and abundant roots and other organics, frequent cobbles, fine to small roots to 1.5 ft bgs, approximately 20% to 40% cobbles and boulders		0
1				Silty SAND (SM): (loose), dry to damp, reddish yellow-brown, fine to coarse gravelly silty SAND (SM) with 40% to 60% cobbles and boulders		1
2				ALLUVIUM: (dense to very dense), damp to moist, reddish yellow-brown, cobble and boulder matrix with primarily coarse gravel and sand and some silt content between particles, approximately 60% to 80% cobbles and boulders up to 2.0 feet in diameter		2
3	GRAB06A	GS		@ 3.5 ft bgs: pocket of moist, yellow-brown, coarse SAND with Silt (SP- SM), 50% to 60% cobbles and boulders		3
4						4
5				boulder content increases; cobble and boulder content increase to 70% to 80% and is very difficult to rip		5
6						6
7	GRAB06B	#200		transitions to gray-brown, sandy GRAVEL with Silt (GP-SM), 40% to 50% cobbles and boulders		7
8						8
9				Bottom of test pit at 8.0 feet bgs. Completed on 05/07/2014.		9
10						10

ANCHOR QEA
720 Olive Way, Suite 1900
Seattle, WA 98101
206-287-9130

Notes:
1. Soil characterization is based on material observed between cobbles and boulders.
2. Samples collected for laboratory testing includes gravel-size particles and smaller.
3. GS = Grain Size Analysis (ASTM D6913); #200 = Grain Size Analysis for #200 sieve only (ASTM D1140); ARC = Archive

Test Pit Log

TP07

Sheet 1 of 1

Project: **Dungeness River Flow Enhancement**	Location: **Sequim, WA**	Excavation Method: **Excavator**
Project #: **130392-01.01**	Northing: **392968.449** Easting: **1075883.018**	Total Depth (ft): **10.0 feet**
Client: **Pacific Groundwater Group**	Horizontal Datum: **WASPN NAD83 US SURVEY FEET**	Logged By: **ZLK**
Collection Date: **05/07/2014**	Sample Collection Method: **Grab/Bulk Sample**	Contractor: **C and J Excavating**

Depth (ft)	Sample Interval	Analytical Tests	Groundwater	Soil Description Samples and descriptions are in recovered depths. Classification scheme based on USCS Description: (density), moist, color, minor, MAJOR, other	Graphic Log	Depth (ft)
0				Top Soil (SM): (loose), dry to damp, dark brown, fine silty SAND (SM) with occasional gravel and abundant roots and other organics, frequent cobbles, fine to small roots to 1.5 ft bgs, approximately 20% to 40% cobbles and boulders		0
1				Silty SAND (SM): (loose to medium dense), dry to damp, reddish yellow-brown, fine to coarse gravelly silty SAND (SM) with 40% to 60% cobbles and boulders		1
2				ALLUVIUM: (dense to very dense), damp to moist, reddish yellow-brown, cobble and boulder matrix with primarily coarse gravel and sand and some silt content between particles, approximately 60% to 80% cobbles and boulders over 2.0 feet in diameter		2
3						3
4						4
5						5
6				@5.5 ft bgs: material becomes moist		6
7				transitions to silty SAND (SM) with cobble and boulder content decreasing to 50% to 60%		7
8						8
9	GRAB07	#200		Silty SAND (SM): (loose to medium dense), damp, yellow-gray brown, fine to medium silty SAND (SM), uniform particle size that is similar to beach sand, silt is present as fine spherical silt balls, no cobbles and boulders		9
10				Bottom of test pit at 10.0 feet bgs. Completed on 05/07/2014.		10

ANCHOR QEA
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Seattle, WA 98101
206-287-9130

Notes:
1. Soil characterization is based on material observed between cobbles and boulders.
2. Samples collected for laboratory testing includes gravel-size particles and smaller.
3. GS = Grain Size Analysis (ASTM D6913); #200 = Grain Size Analysis for #200 sieve only (ASTM D1140); ARC = Archive

ATTACHMENT B
MATERIALS TESTING LABORATORY RESULTS

Materials Testing & Consulting, Inc.

Geotechnical Engineering • Special Inspection • Materials Testing • Environmental Consulting

Client:	Anchor QEA, LLC	**Date:**	May 14, 2014
Address:	720 Olive Way, Suite 1900	**Project:**	Dungeness River Flow Enhancements
	Seattle WA 98101	**Project #:**	14K018
Attn:	Zac Koehn	**Sample #:**	K14-038

As requested MTC, Inc. has performed the following test(s) on the sample referenced above. The testing was performed in accordance with current applicable AASHTO or ASTM standards as indicated below. The results obtained in our laboratory were as follows below or on the attached pages:

	Test(s) Performed:	Test Results		Test(s) Performed:	Test Results
☑	Sieve Analysis	See Attached	☐	Sulfate Soundness	
☐	Proctor		☐	Unit Weight	
☐	Sand Equivalent		☐	WSDOT Degradation	
☐	Fracture Count		☐		
☐	Moisture Content		☐		
☐	Specific Gravity, Coarse		☐		
☐	Specific Gravity, Fine		☐		
☐	Hydrometer Analysis		☐		
☐	Atterberg Limits		☐		
☐	Asphalt Extraction/Gradation		☐		
☐	Rice Density		☐		

If you have any questions concerning the test results, the procedures used, or if we can be of any further assistance please call on us at the number below.

Respectfully Submitted,
Harold Benny
WABO Supervising Laboratory Technician

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Materials Testing & Consulting, Inc.

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Sieve Report

Project: Dungeness River Flow Enhancements
Project #: 14K018
Client: Anchor QEA, LLC
Source: GRAB01
Sample#: K14-038

Date Received: 8-May-14
Sampled By: Client
Date Tested: 14-May-14
Tested By: HB/HS

ASTM D-2487 Unified Soils Classification System
SM, Silty Sand with Gravel
Sample Color:
Brown

ACCREDITED

ASTM D-2216, ASTM D-2419, ASTM D-4318, ASTM D-5821

Specifications
No Specs
Sample Meets Specs ? Yes

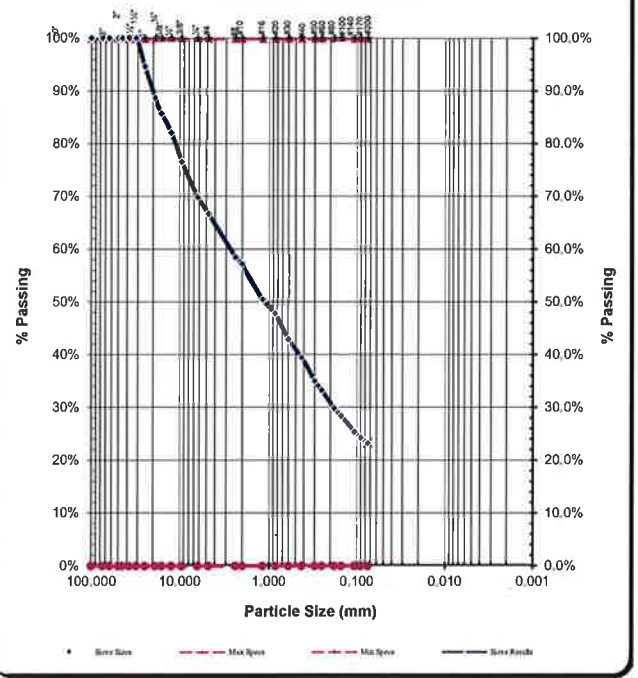
$D_{(5)}$ = 0.016	mm	% Gravel = 33.3%		Coeff. of Curvature, C_C = 0.37	
$D_{(10)}$ = 0.032	mm	% Sand = 43.4%		Coeff. of Uniformity, C_U = 87.27	
$D_{(15)}$ =	mm	% Silt & Clay = 23.3%		Fineness Modulus = 3.53	
$D_{(30)}$ = 0.183	mm	Liquid Limit = 0.0%		Plastic Limit = 0.0%	
$D_{(50)}$ = 1.129	mm	Plasticity Index = 0.0%		Moisture %, as sampled = 10.6%	
$D_{(60)}$ = 2.813	mm	Sand Equivalent = n/a		Fracture % = n/a	
$D_{(90)}$ = 20.329	mm	Req'd Sand Equivalent =		Req'd Fracture % =	

ASTM C-136, ASTM D-6913

Sieve Size US	Sieve Size Metric	Actual Cumulative Percent Passing	Interpolated Cumulative Percent Passing	Specs Max	Specs Min
12.00"	300.00		100%	100.0%	0.0%
10.00"	250.00		100%	100.0%	0.0%
8.00"	200.00		100%	100.0%	0.0%
6.00"	150.00		100%	100.0%	0.0%
4.00"	100.00		100%	100.0%	0.0%
3.00"	75.00		100%	100.0%	0.0%
2.50"	63.00		100%	100.0%	0.0%
2.00"	50.00		100%	100.0%	0.0%
1.75"	45.00		100%	100.0%	0.0%
1.50"	37.50		100%	100.0%	0.0%
1.25"	31.50	100%	100%	100.0%	0.0%
1.00"	25.00	95%	95%	100.0%	0.0%
3/4"	19.00		89%	100.0%	0.0%
5/8"	16.00		86%	100.0%	0.0%
1/2"	12.50	82%	82%	100.0%	0.0%
3/8"	9.50	76%	76%	100.0%	0.0%
1/4"	6.30		70%	100.0%	0.0%
#4	4.75	67%	67%	100.0%	0.0%
#8	2.36		58%	100.0%	0.0%
#10	2.00	57%	57%	100.0%	0.0%
#16	1.18		50%	100.0%	0.0%
#20	0.850	48%	48%	100.0%	0.0%
#30	0.600		43%	100.0%	0.0%
#40	0.425	39%	39%	100.0%	0.0%
#50	0.300		35%	100.0%	0.0%
#60	0.250	33%	33%	100.0%	0.0%
#80	0.180		30%	100.0%	0.0%
#100	0.150	28%	28%	100.0%	0.0%
#140	0.106		25%	100.0%	0.0%
#170	0.090		24%	100.0%	0.0%
#200	0.075	23.3%	23.3%	100.0%	0.0%

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Grain Size Distribution



All results apply only to actual locations and materials tested. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Comments: _____

Reviewed by: _____

Corporate ~ 777 Chrysler Drive • Burlington, WA 98233 • Phone (360) 755-1990 • Fax (360) 755-1980
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SW Region ~ 2118 Black Lake Blvd. SW • Olympia, WA 98512 • Phone (360) 534-9777 • Fax (360) 534-9779
Kitsap Region ~ 5451 NW Newberry Hill Road, Suite 101 • Silverdale, WA 98383 • Phone (360) 698-6787 • Fax (360) 692-1919
Visit our website: www.mtc-inc.net

Materials Testing & Consulting, Inc.

Geotechnical Engineering • Special Inspection • Materials Testing • Environmental Consulting

Client:	Anchor QEA, LLC	**Date:**	May 14, 2014
Address:	720 Olive Way, Suite 1900	**Project:**	Dungeness River Flow Enhancements
	Seattle WA 98101	**Project #:**	14K018
Attn:	Zac Koehn	**Sample #:**	K14-039

As requested MTC, Inc. has performed the following test(s) on the sample referenced above. The testing was performed in accordance with current applicable AASHTO or ASTM standards as indicated below. The results obtained in our laboratory were as follows below or on the attached pages:

	Test(s) Performed:	Test Results		Test(s) Performed:	Test Results
☑	Sieve Analysis	See Attached	☐	Sulfate Soundness	
☐	Proctor		☐	Unit Weight	
☐	Sand Equivalent		☐	WSDOT Degradation	
☐	Fracture Count		☐		
☐	Moisture Content		☐		
☐	Specific Gravity, Coarse		☐		
☐	Specific Gravity, Fine		☐		
☐	Hydrometer Analysis		☐		
☐	Atterberg Limits		☐		
☐	Asphalt Extraction/Gradation		☐		
☐	Rice Density		☐		

If you have any questions concerning the test results, the procedures used, or if we can be of any further assistance please call on us at the number below.

Respectfully Submitted,
Harold Benny
WABO Supervising Laboratory Technician

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Sieve Report

Project: Dungeness River Flow Enhancements
Project #: 14K018
Client: Anchor QEA, LLC
Source: GRAB02
Sample#: K14-039

Date Received: 14-May-14
Sampled By: Client
Date Tested: 14-May-14
Tested By: HB/HS

ASTM D-2487 Unified Soils Classification System
GM, Silty Gravel with Sand
Sample Color:
Brown

ACCREDITED

ASTM D-2216, ASTM D-2419, ASTM D-4318, ASTM D-5821

Specifications
No Specs
Sample Meets Specs ? Yes

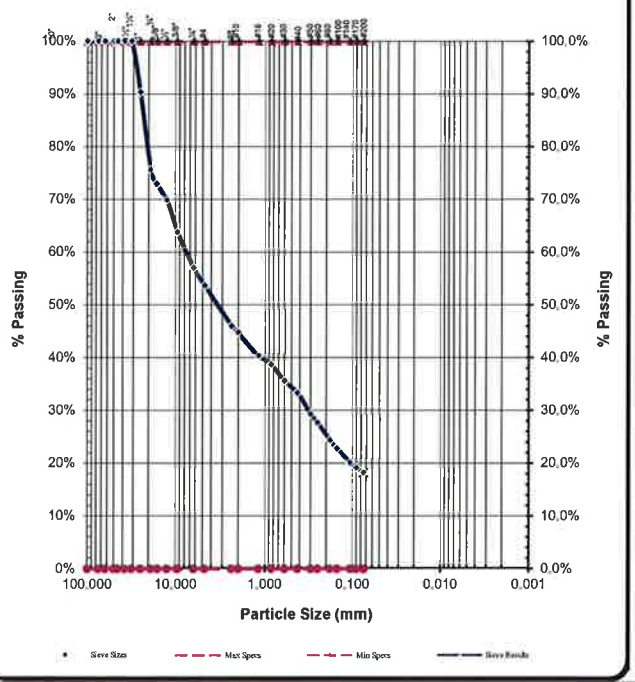
$D_{(5)}$ = 0.021	mm	% Gravel = 46.4%		Coeff. of Curvature, C_C = 0.32	
$D_{(10)}$ = 0.041	mm	% Sand = 35.5%		Coeff. of Uniformity, C_U = 187.52	
$D_{(15)}$ =	mm	% Silt & Clay = 18.1%		Fineness Modulus = 4.33	
$D_{(30)}$ = 0.322	mm	Liquid Limit = 0.0%		Plastic Limit = 0.0%	
$D_{(50)}$ = 3.617	mm	Plasticity Index = 0.0%		Moisture %, as sampled = 8.2%	
$D_{(60)}$ = 7.753	mm	Sand Equivalent = n/a		Fracture % = n/a	
$D_{(90)}$ = 24.859	mm	Req'd Sand Equivalent =		Req'd Fracture % =	

ASTM C-136, ASTM D-6913

Sieve Size US	Sieve Size Metric	Actual Cumulative Percent Passing	Interpolated Cumulative Percent Passing	Specs Max	Specs Min
12.00"	300.00		100%	100.0%	0.0%
10.00"	250.00		100%	100.0%	0.0%
8.00"	200.00		100%	100.0%	0.0%
6.00"	150.00		100%	100.0%	0.0%
4.00"	100.00		100%	100.0%	0.0%
3.00"	75.00		100%	100.0%	0.0%
2.50"	63.00		100%	100.0%	0.0%
2.00"	50.00		100%	100.0%	0.0%
1.75"	45.00		100%	100.0%	0.0%
1.50"	37.50		100%	100.0%	0.0%
1.25"	31.50	100%	100%	100.0%	0.0%
1.00"	25.00	90%	90%	100.0%	0.0%
3/4"	19.00	76%	76%	100.0%	0.0%
5/8"	16.00		73%	100.0%	0.0%
1/2"	12.50	70%	70%	100.0%	0.0%
3/8"	9.50	64%	64%	100.0%	0.0%
1/4"	6.30		57%	100.0%	0.0%
#4	4.75	54%	54%	100.0%	0.0%
#8	2.36		46%	100.0%	0.0%
#10	2.00	45%	45%	100.0%	0.0%
#16	1.18		40%	100.0%	0.0%
#20	0.850	39%	39%	100.0%	0.0%
#30	0.600		35%	100.0%	0.0%
#40	0.425	33%	33%	100.0%	0.0%
#50	0.300		29%	100.0%	0.0%
#60	0.250	28%	28%	100.0%	0.0%
#80	0.180		24%	100.0%	0.0%
#100	0.150	23%	23%	100.0%	0.0%
#140	0.106		20%	100.0%	0.0%
#170	0.090		19%	100.0%	0.0%
#200	0.075	18.1%	18.1%	100.0%	0.0%

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Grain Size Distribution



All results apply only to actual locations and materials tested. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Comments: _____

Reviewed by: _____

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Client:	Anchor QEA, LLC	**Date:**	May 14, 2014
Address:	720 Olive Way, Suite 1900	**Project:**	Dungeness River Flow Enhancements
	Seattle WA 98101	**Project #:**	14K018
Attn:	Zac Koehn	**Sample #:**	K14-040

As requested MTC, Inc. has performed the following test(s) on the sample referenced above. The testing was performed in accordance with current applicable AASHTO or ASTM standards as indicated below. The results obtained in our laboratory were as follows below or on the attached pages:

	Test(s) Performed:	Test Results		Test(s) Performed:	Test Results
☑	Sieve Analysis	See Attached	☐	Sulfate Soundness	
☐	Proctor		☐	Unit Weight	
☐	Sand Equivalent		☐	WSDOT Degradation	
☐	Fracture Count		☐		
☐	Moisture Content		☐		
☐	Specific Gravity, Coarse		☐		
☐	Specific Gravity, Fine		☐		
☐	Hydrometer Analysis		☐		
☐	Atterberg Limits		☐		
☐	Asphalt Extraction/Gradation		☐		
☐	Rice Density		☐		

If you have any questions concerning the test results, the procedures used, or if we can be of any further assistance please call on us at the number below.

Respectfully Submitted,
Harold Benny
WABO Supervising Laboratory Technician

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Sieve Report

Project: Dungeness River Flow Enhancements
Project #: 14K018
Client: Anchor QEA, LLC
Source: GRAB03
Sample#: K14-040

Date Received: 8-May-14
Sampled By: Client
Date Tested: 14-May-14
Tested By: HB/HS

ASTM D-2487 Unified Soils Classification System
SM, Silty Sand with Gravel
Sample Color:
Brown

ACCREDITED

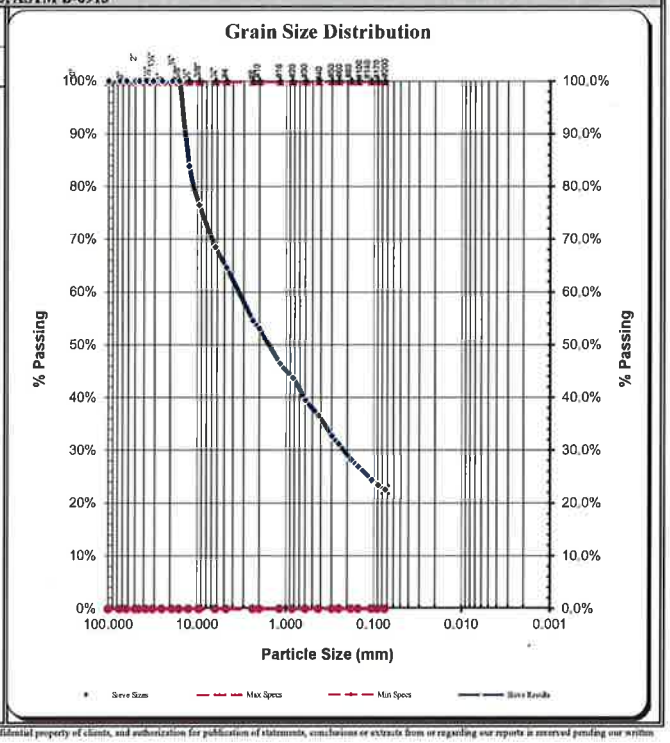
ASTM D-2216, ASTM D-2419, ASTM D-4318, ASTM D-5821

Specifications
No Specs
Sample Meets Specs ? Yes

$D_{(5)}$ = 0.017	mm	% Gravel = 35.4%		Coeff. of Curvature, C_c = 0.41	
$D_{(10)}$ = 0.033	mm	% Sand = 42.0%		Coeff. of Uniformity, C_U = 109.87	
$D_{(15)}$ =	mm	% Silt & Clay = 22.6%		Fineness Modulus = 3.59	
$D_{(30)}$ = 0.222	mm	Liquid Limit = 0.0%		Plastic Limit = 0.0%	
$D_{(50)}$ = 1.623	mm	Plasticity Index = 0.0%		Moisture %, as sampled = 11.1%	
$D_{(60)}$ = 3.650	mm	Sand Equivalent = n/a		Fracture % = n/a	
$D_{(90)}$ = 13.816	mm	Req'd Sand Equivalent =		Req'd Fracture % =	

ASTM C-136, ASTM D-6913

Sieve Size US	Sieve Size Metric	Actual Cumulative Percent Passing	Interpolated Cumulative Percent Passing	Specs Max	Specs Min
12.00"	300.00		100%	100.0%	0.0%
10.00"	250.00		100%	100.0%	0.0%
8.00"	200.00		100%	100.0%	0.0%
6.00"	150.00		100%	100.0%	0.0%
4.00"	100.00		100%	100.0%	0.0%
3.00"	75.00		100%	100.0%	0.0%
2.50"	63.00		100%	100.0%	0.0%
2.00"	50.00		100%	100.0%	0.0%
1.75"	45.00		100%	100.0%	0.0%
1.50"	37.50		100%	100.0%	0.0%
1.25"	31.50		100%	100.0%	0.0%
1.00"	25.00		100%	100.0%	0.0%
3/4"	19.00		100%	100.0%	0.0%
5/8"	16.00	100%	100%	100.0%	0.0%
1/2"	12.50	84%	84%	100.0%	0.0%
3/8"	9.50	76%	76%	100.0%	0.0%
1/4"	6.30		68%	100.0%	0.0%
#4	4.75	65%	65%	100.0%	0.0%
#8	2.36		55%	100.0%	0.0%
#10	2.00	53%	53%	100.0%	0.0%
#16	1.18		46%	100.0%	0.0%
#20	0.850	44%	44%	100.0%	0.0%
#30	0.600		39%	100.0%	0.0%
#40	0.425	37%	37%	100.0%	0.0%
#50	0.300		33%	100.0%	0.0%
#60	0.250	31%	31%	100.0%	0.0%
#80	0.180		28%	100.0%	0.0%
#100	0.150	27%	27%	100.0%	0.0%
#140	0.106		24%	100.0%	0.0%
#170	0.090		23%	100.0%	0.0%
#200	0.075	22.6%	22.6%	100.0%	0.0%



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All results apply only to actual locations and materials tested. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Comments: _____

Reviewed by: _____

Corporate ~ 777 Chrysler Drive • Burlington, WA 98233 • Phone (360) 755-1990 • Fax (360) 755-1980
NW Region ~ 805 Dupont Street, Suite 5 • Bellingham, WA 98225 • Phone (360) 647-6061 • Fax (360) 647-8111
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Kitsap Region ~ 5451 NW Newberry Hill Road, Suite 101 • Silverdale, WA 98383 • Phone (360) 698-6787 • Fax (360) 692-1919
Visit our website: www.mtc-inc.net

Materials Testing & Consulting, Inc.

Geotechnical Engineering • Special Inspection • Materials Testing • Environmental Consulting

Client:	Anchor QEA, LLC	**Date:**	May 14, 2014
Address:	720 Olive Way, Suite 1900	**Project:**	Dungeness River Flow Enhancements
	Seattle WA 98101	**Project #:**	14K018
Attn:	Zac Koehn	**Sample #:**	K14-043

As requested MTC, Inc. has performed the following test(s) on the sample referenced above. The testing was performed in accordance with current applicable AASHTO or ASTM standards as indicated below. The results obtained in our laboratory were as follows below or on the attached pages:

	Test(s) Performed:	Test Results		Test(s) Performed:	Test Results
☑	Sieve Analysis	See Attached	☐	Sulfate Soundness	
☐	Proctor		☐	Unit Weight	
☐	Sand Equivalent		☐	WSDOT Degradation	
☐	Fracture Count		☐		
☐	Moisture Content		☐		
☐	Specific Gravity, Coarse		☐		
☐	Specific Gravity, Fine		☐		
☐	Hydrometer Analysis		☐		
☐	Atterberg Limits		☐		
☐	Asphalt Extraction/Gradation		☐		
☐	Rice Density		☐		

If you have any questions concerning the test results, the procedures used, or if we can be of any further assistance please call on us at the number below.

Respectfully Submitted,
Harold Benny
WABO Supervising Laboratory Technician

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Materials Testing & Consulting, Inc.

Geotechnical Engineering • Special Inspection • Materials Testing • Environmental Consulting

Sieve Report

Project: Dungeness River Flow Enhancements
Project #: 14K018
Client: Anchor QEA, LLC
Source: GRAB06A
Sample#: K14-043

Date Received: 14-May-14
Sampled By: Client
Date Tested: 14-May-14
Tested By: HB/HS

ASTM D-2487 Unified Soils Classification System
SW-SC, Well-graded Sand with Silty Clay and Gravel
Sample Color:
Brown

ACCREDITED

ASTM D-2216, ASTM D-2419, ASTM D-4318, ASTM D-5821

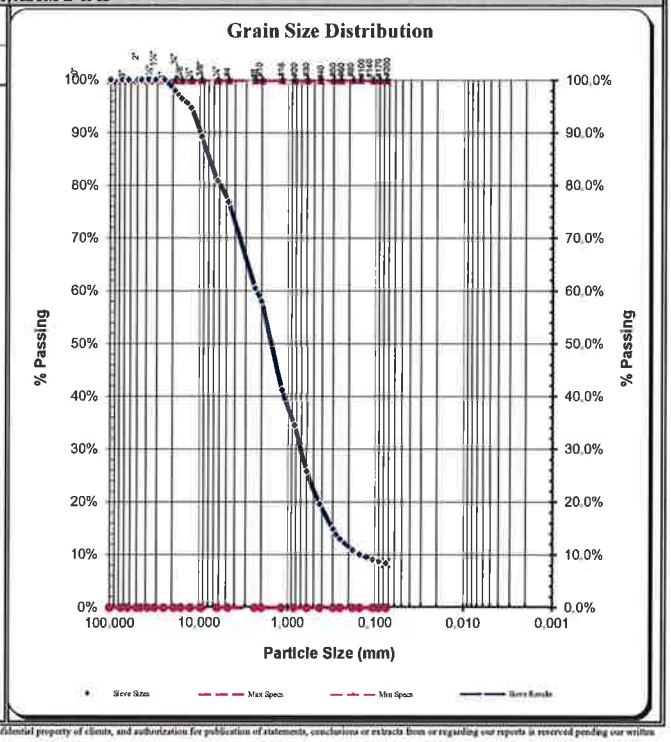
Specifications
No Specs
Sample Meets Specs ? Yes

$D_{(5)}$ = 0.045 mm	% Gravel = 23.2%	Coeff. of Curvature, C_C = 1.52
$D_{(10)}$ = 0.148 mm	% Sand = 68.4%	Coeff. of Uniformity, C_U = 15.49
$D_{(15)}$ = 0.304 mm	% Silt & Clay = 8.4%	Fineness Modulus = 3.83
$D_{(30)}$ = 0.719 mm	Liquid Limit = 0.0%	Plastic Limit = 0.0%
$D_{(50)}$ = 1.606 mm	Plasticity Index = 0.0%	Moisture %, as sampled = 6.3%
$D_{(60)}$ = 2.293 mm	Sand Equivalent = n/a	Fracture % = n/a
$D_{(90)}$ = 9.915 mm	Req'd Sand Equivalent =	Req'd Fracture % =

ASTM C-136, ASTM D-6913

Sieve Size US	Sieve Size Metric	Actual Cumulative Percent Passing	Interpolated Cumulative Percent Passing	Specs Max	Specs Min
12.00"	300.00		100%	100.0%	0.0%
10.00"	250.00		100%	100.0%	0.0%
8.00"	200.00		100%	100.0%	0.0%
6.00"	150.00		100%	100.0%	0.0%
4.00"	100.00		100%	100.0%	0.0%
3.00"	75.00		100%	100.0%	0.0%
2.50"	63.00		100%	100.0%	0.0%
2.00"	50.00		100%	100.0%	0.0%
1.75"	45.00		100%	100.0%	0.0%
1.50"	37.50		100%	100.0%	0.0%
1.25"	31.50		100%	100.0%	0.0%
1.00"	25.00	100%	100%	100.0%	0.0%
3/4"	19.00	98%	98%	100.0%	0.0%
5/8"	16.00		96%	100.0%	0.0%
1/2"	12.50	95%	95%	100.0%	0.0%
3/8"	9.50	89%	89%	100.0%	0.0%
1/4"	6.30		81%	100.0%	0.0%
#4	4.75	77%	77%	100.0%	0.0%
#8	2.36		60%	100.0%	0.0%
#10	2.00	58%	58%	100.0%	0.0%
#16	1.18		41%	100.0%	0.0%
#20	0.850	35%	35%	100.0%	0.0%
#30	0.600		26%	100.0%	0.0%
#40	0.425	20%	20%	100.0%	0.0%
#50	0.300		15%	100.0%	0.0%
#60	0.250	13%	13%	100.0%	0.0%
#80	0.180		11%	100.0%	0.0%
#100	0.150	10%	10%	100.0%	0.0%
#140	0.106		9%	100.0%	0.0%
#170	0.090		9%	100.0%	0.0%
#200	0.075	8.4%	8.4%	100.0%	0.0%

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All results apply only to actual locations and materials tested. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Comments: _____

Reviewed by: _____

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Visit our website: www.mtc-inc.net

Materials Testing & Consulting, Inc.

Geotechnical Engineering • Special Inspection • Materials Testing • Environmental Consulting

Client:	Anchor QEA, LLC	**Date:**	May 14, 2014
Address:	720 Olive Way, Suite 1900	**Project:**	Dungeness River Flow Enhancements
	Seattle WA, 98101	**Project #:**	14K018
Attn:	Zac Koehn	**Sample #:**	K14-041, K14-042, K14-044, K14-045

As requested MTC, Inc. has performed the following test(s) on the sample referenced above. The testing was performed in accordance with current applicable AASHTO or ASTM standards as indicated below. The results obtained in our laboratory were as follows below or on the attached pages:

	Test(s) Performed:	Test Results		Test(s) Performed:	Test Results
☐	Percent Fines		☐	Sulfate Soundness	
☐	Proctor		☐	Unit Weight	
☐	Sand Equivalent		☐	WSDOT Degradation	
☐	Fracture Count		☐		
☐	Moisture Content		☐		
☐	Specific Gravity, Coarse		☐		
☐	Specific Gravity, Fine		☐		
☐	Hydrometer Analysis		☐		
☐	Atterberg Limits		☐		
☐	Asphalt Extraction/Gradation		☐		
☐	Rice Density		☐		

If you have any questions concerning the test results, the procedures used, or if we can be of any further assistance please call on us at the number below.

Respectfully Submitted,
Harold Benny
WABO Supervising Laboratory Technician

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Materials Testing & Consulting, Inc.

Geotechnical Engineering • Special Inspection • Materials Testing • Environmental Consulting

Project: Dungeness River Flow Enhancements
Project #: 14K018
Date Received: May 8, 2014
Date Tested: May 13, 2014

Client: Anchor QEA, LLC
Sampled by: Client
Tested by: HS / HB

Moisture Content - ASTM C-117, ASTM D-1140 & AASHTO T-11

Sample #	Location	Tare	Before Wash + Tare	After Wash + Tare	Amount of Loss	% -#200
K14-041	GRAB04	498.2	1216.5	1176.5	40.0	5.6%
K14-042	GRAB05	300.6	793.4	746.9	46.5	9.4%
K14-044	GRAB06B	225.0	1011.9	957.1	54.8	7.0%
K14-045	GRAB07	224.0	705.1	614.0	91.1	18.9%
					0.0	#DIV/0!
					0.0	#DIV/0!
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					0.0	#DIV/0!
					0.0	#DIV/0!

Reviewed by: HBarry

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Appendix F-1
DNR Property Records – Deeds and Property Use Information

The United States of America

06866

To all to whom these presents shall come, Greeting:

215033

WHEREAS, There are now deposited in the Bureau of Land Management of the United States an application by the State of Washington and a decision of the Oregon State Office of said Bureau at Portland, Oregon, directing that a patent issue to the State of Washington under the provisions of the Act of Congress approved June 21, 1934 (48 Stat. 1185), entitled "An Act Authorizing the Secretary of the Interior to issue patents to the numbered school sections in place, granted to the States by the Act approved February 22, 1889, by the Act approved January 25, 1927 (44 Stat. 1026), and by any other Act of Congress," for the following numbered school section lands in place, granted for the support of common schools and the title to which vested in the State of Washington under the Act of February 22, 1889 (25 Stat. 676) upon its admission into the Union on November 11, 1889 (26 Stat. 1552):

Willamette Meridian, Washington.

T. 28 N., R. 2 W.,
Sec. 16, All.

T. 30 N., R. 2 W.,
Sec. 16, Lot 1 and W½SW¼.

T. 30 N., R. 3 W.,
Sec. 16, All;
Sec. 36, Lots 3 and 4 and E½E½.

T. 30 N., R. 4 W.,
Sec. 16, All;
Sec. 36, All.

T. 31 N., R. 4 W.,
Sec. 36, Lots 3, 4, and 5, and S½SW¼.

T. 30 N., R. 5 W.,
Sec. 16, All;
Sec. 36, All.

T. 30 N., R. 6 W.,
Sec. 16, All;
Sec. 36, All.

T. 30 N., R. 7 W.,
Sec. 16, W½.

T. 31 N., R. 7 W.,
Sec. 36, Lots 1 and 5 and SW¼SW¼.

T. 30 N., R. 8 W.,
Sec. 16, All.

T. 31 N., R. 8 W.,
Sec. 36, Lot 1, W½NE¼, SE¼NE¼, W½, and SE¼.

T. 31 N., R. 9 W.,
Sec. 36, All.

T. 31 N., R. 11 W.,
Sec. 16, SE¼NE¼, W½E½, W½, and NE¼SE¼;
Sec. 36, All.

Patent Number 46-72-0049

Washington 05191-A

T. 31 N., R. 12 W.,
Sec. 36, NE¼.

T. 32 N., R. 12 W.,
Sec. 16, Lot 1.

T. 28 N., R. 13 W.,
Sec. 16, E½, NE¼NW¼, S½NW¼, and SW¼.

T. 28 N., R. 14 W.,
Sec. 16, Lots 1 to 11, inclusive, NE¼NE¼, NW¼NW¼, NE¼SW¼, S½SW¼, and SW¼SE¼;
Sec. 36, All.

T. 28 N., R. 15 W.,
Sec. 16, Lots 1, 2, 3, and 4, NE¼, and E½SE¼;
Sec. 36, All.

Aggregating 12,088.65 acres;

NOW, THEREFORE, KNOW YE, That the UNITED STATES OF AMERICA, in consideration of the premises, and in conformity with the said Act of Congress of June 21, 1934, and as evidence of the title which was granted to and vested in the State of Washington to the above-described lands on November 11, 1889, for the support of common schools, as aforesaid, and in confirmation of such title for such purpose, HAS GIVEN AND GRANTED, and by these presents DOES GIVE AND GRANT, unto the said State of Washington, and to its assigns, the lands above described; TO HAVE AND TO HOLD the same, together with all the rights, privileges, immunities, and appurtenances, of whatsoever nature, thereunto belonging, unto the said State of Washington, and to its assigns forever.

416130

[SEAL]

IN TESTIMONY WHEREOF, the undersigned authorized officer of the Bureau of Land Management, in accordance with the provisions of the Act of June 17, 1948 (62 Stat. 476), has, in the name of the United States, caused these letters to be made Patent, and the Seal of the Bureau to be hereunto affixed.

GIVEN under my hand, in Portland, Oregon the TWENTY-SEVENTH day of MARCH in the year of our Lord one thousand nine hundred and SEVENTY-TWO and of the Independence of the United States the one hundred and NINETY-SIXTH.

By _____
Chief, Branch of Lands and Minerals Operations

Patent Number 46-72-0049

VOL. 385 PAGE 433

County Road

APPLICATION NO. CR3228 (50) AREA OLYMPIC AREA

DATE FILED APR 21 1986 COUNTY CLALLAM

GRANT SCHOOL

APPLICANT Clallam County Road Department

DESCRIPTION

NE¼NW¼, SE¼NW¼, SW¼NE¼,

Acres ____ Sec. 36 , Twp. 30 N., Range 4W , W.M.

ENCUMBRANCES

R/W CR 594 - Co Rd - Judg - 8-13-30 - Clallam County
Easement 64845 - Agr 6-14-92 - William Stipe
R/W CR-3201 - Co Rd - Judg - 9-23-85 - Clallam County
Within Pending Land Exchange No. 365 - Green Crow

5521

Copy to:
Easement CR-3228
Applicant, File
Area Manager

JW 6/18/86
Date

APPLICATION	
Reg.	4-21-86 ES
T.B.	4-21-86
INSTRUMENT	
Reg.	6-18-86 ES
T.B.	6-18-86

APPLICATION	
Reg.	
T.B.	
INSTRUMENT	
Reg.	
T.B.	

ASSIGNMENT	
Reg.	
T.B.	
Reg.	
T.B.	

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
BRIAN J. BOYLE, Commissioner of Public Lands

Easement No. CR 3228

THIS EASEMENT, made and entered into this 18th day of June, 1986, by and between CLALLAM COUNTY, herein called the "Grantee," and the STATE OF WASHINGTON, acting by and through the Department of Natural Resources, herein called the "State," WITNESSETH:

The State for and in consideration of the terms and conditions specified herein, hereby grants and conveys to the Grantee:

An easement for a right of way for the sole purpose of construction, operation, use, and maintenance of a road over and across a location as shown on Plat No. CR 3228 filed in the office of the Commissioner of Public Lands at Olympia, Washington, a reduction of which is attached as Exhibit A, indicating said right of way in red, and by this reference made a part hereof, all in Clallam County, Washington. Provided, the Grantee may permit the installation of utilities specifically pertaining to electronic transmission lines, telephone lines, or pipelines but for no other purposes.

This easement granted herein is subject to the following terms, conditions, and provisions:

Consideration

The consideration paid by the Grantee to the State is as follows:

Timber	148.00
Damages	1,146.00
TOTAL	$1,294.00

Damage and Protection from Damage

Grantee, when using the rights granted herein, shall repair or cause to be repaired at its sole cost and expense, all damage to improvements on State lands occasioned by it, which is in excess of that which it would cause through normal and prudent use of said rights.

During operations under this easement, including the construction of roads and landings, the Grantee shall take such precautions as necessary to minimize insofar as possible, soil erosion and damage to the soil. Equipment will not be operated when ground conditions are such that excessive damage will result.

All soil surfaces on the right of way, temporary roads and skid trails which are devoid of natural cover as a result of the operations hereunder, shall be reseeded to a grass mixture recommended by the local office of the County Extension Agent.

All legal land subdivision survey corners and witness objects are to be preserved. If such are destroyed or disturbed, the Grantee shall re-establish them by a registered professional engineer or licensed land surveyor in accordance with U. S. General Land Office standards at his own expense. Corners and/or witness objects that must necessarily be disturbed or destroyed in process of construction must be adequately referenced and/or replaced in accordance with all applicable laws of the State of Washington in force at the time of construction, reconstruction, or development of the right of way including but not limited to chapter 58.24 RCW, and all Department of Natural Resources rules and regulations pertaining to preservation of such corners and/or witness objects. Such references must be approved by the State prior to removal of said corners and/or witness objects.

The Grantee shall prevent the establishment of weeds upon, and the spread of weeds from, any portion of the right of way herein granted which is adjacent to cultivated State lands and shall further comply with the county noxious weed control board rules and regulations established under the Uniform Noxious Weed Control Statute (Chapter 17.10 RCW). Payment of weed control costs will be the Grantee's responsibility.

In the event the county noxious weed control board directs the Grantee to control weeds or the Grantee elects to kill or control the growth of weeds and/or brush by chemical treatment within or in proximity to said right of way, he shall use only those chemical agents, the container labels of which have been registered with the Washington

State Department of Agriculture. Such use must be in accordance with the labeled directions and approved of jointly by the Washington State Department of Agriculture and the County Extension Agent before commencement of any control program.

Preoperating Requirement

The Grantee's operations specified herein shall be conducted in accordance with the provisions of the State approved Plan of Operation in force at the time of construction, reconstruction, or development of the right of way.

Provided, however, thirty (30) days prior to commencement of said operations, the Grantee shall submit to the Area Manager at Forks, Washington, for written approval, a complete and detailed Plan of Operation for the development of the right of way. The Grantee shall provide for the examination of the right of way, with the State's Area Manager, before any construction, reconstruction, or development is commenced.

Facility Protection

Trees that become an interference or a hazard to the rights herein granted and located outside of the limits of said right of way may be removed upon obtaining the written consent of the State, and payment of the appraised value thereof.

Restoration

It is understood and agreed that in the event any portion of the road described herein is abandoned, or in the event any portion of the right of way granted on August 13, 1920 under Application Number CR 594 is abandoned as a result of the rights granted herein, the Grantee shall take the necessary legal action to vacate such portions and shall immediately restore the land within all abandoned portions to a natural condition as may be directed by the State.

On those portions designated for restoration, all asphalt shall be removed from the abandoned right of way and shall not be deposited on the adjacent State land; in addition, the land surface shall be scarified to blend with the adjoining landscape.

Notice of Noncompliance

The State shall notify the Grantee by United States mail, addressed to the address shown on the application for this easement on file with the State in Olympia, Washington, of any instance of noncompliance by the Grantee, its employees, permittees, contractors or subcontractors with any of the terms and conditions hereof. Such notice will specifically identify the manner of noncompliance herewith.

In the event the Grantee does not undertake, or cause to be undertaken, remedial action within fifteen (15) days following receipt of said notice, the State, acting by and through its Area Manager at Forks, Washington, may suspend the Grantee's operations until such time as effective remedial action is taken.

IN WITNESS WHEREOF, the parties hereto have executed this instrument, in duplicate, as of the day and year first above written.

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

Roy E. Friis
ROY E. FRIIS, Manager
Timber Sales Division

BOARD OF COUNTY COMMISSIONERS
CLALLAM COUNTY

Chairman

Commissioner

Commissioner

223 East Fourth Street
Port Angeles, WA 98362-3098

PROOFED/
CHECK LIST WPC
DATE 5-22-96

App. No. CR 3228
4005(11)22

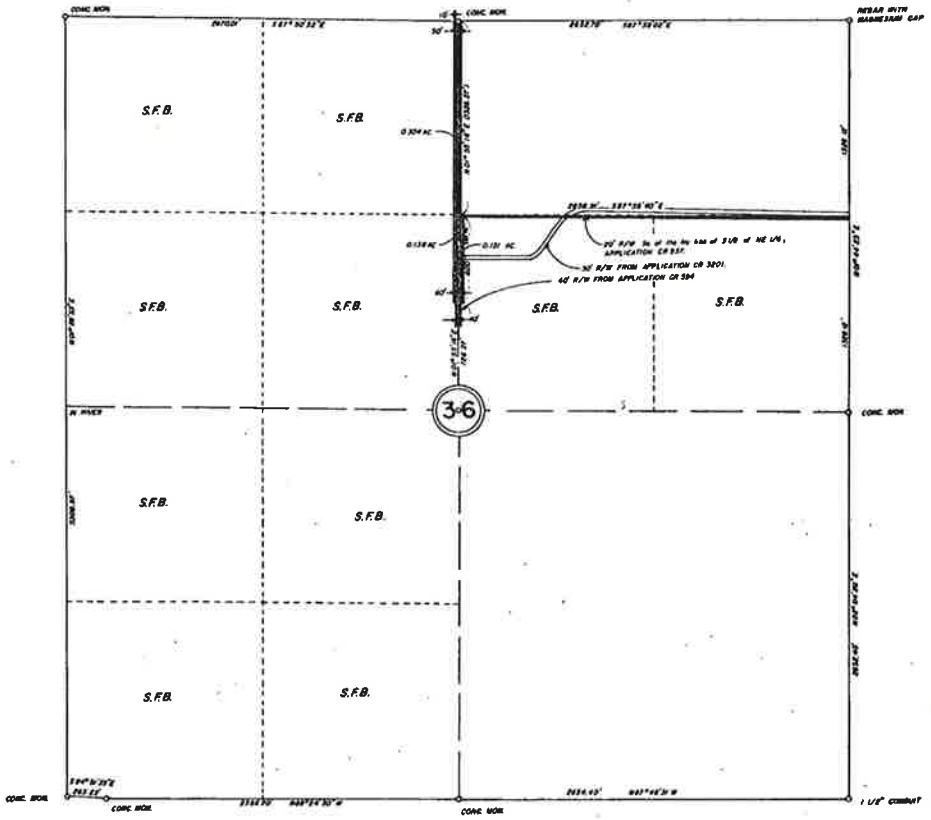
RIGHT OF WAY PLAT

CLALLAM COUNTY ENGINEERING DEPARTMENT

SEC. 36, TWP. 30N, RGE. 4 W.W.M.

CLALLAM COUNTY, WASH.

SCALE: 1" = 400'



WASHINGTON STATE COORDINATE SYSTEM NORTH

CERTIFICATE

I, GENE H. UNGER, COUNTY ENGINEER FOR CLALLAM COUNTY DO HEREBY CERTIFY THAT THIS PLAT ACCURATELY REPRESENTS THE PROPOSED LOCATION OF THAT PORTION OF RIVER ROAD #95150 PLANNED FOR RECONSTRUCTION UNDER CRP #935 IN SECTION 36, TOWNSHIP 30N, RANGE 4W WM.

Gene H. Unger
COUNTY ENGINEER
JANUARY 1986

APPROVED AS TO FORM ONLY
BY [signature]
4/14/86

CR-3228

EXHIBIT A

50-CR3228 Auditor No: Unknown 6/18/1986



0 155 310 620 930 1,240 Feet

Right of Way Easements

Grant Code

- 1: Acquired by DNR
- 2: Granted by DNR
- 3: Merged in Title

DNR Routes

- Route Direction

Road by USGS Class

- 1: Primary Highway/All-Weather/Hard Surface
- 2: Secondary Highway/All-Weather/Hard Surface
- 3: Light-Duty Road/All-Weather/Improved
- 4: Unimproved Road/Fair or Dry Weather
- 5: 4 wheel drive

DNR Managed Lands

- Granted Trust Lands
- Forest Board Trust Lands
- NAP / NRCA
- Other DNR-Managed Lands;

50-CR3228 Auditor No: Unknown 6/18/1986



Right of Way Easements

Grant Code

- 1: Acquired by DNR
- 2: Granted by DNR
- 3: Merged in Title

DNR Routes

- Route Direction

Road by USGS Class

- 1: Primary Highway/All-Weather/Hard Surface
- 2: Secondary Highway/All-Weather/Hard Surface
- 3: Light-Duty Road/All-Weather/Improved
- 4: Unimproved Road/Fair or Dry Weather
- 5: 4 wheel drive

DNR Managed Lands

- Granted Trust Lands
- Forest Board Trust Lands
- NAP / NRCA
- Other DNR-Managed Lands;

ATB Indexing Form

RESET

NOTE: Please leave fields blank if not applicable

Prefix	50
Agreement Number	CR3201
Agreement Name	
Transaction Type (Aqua.)	
Application Date	12/15/1983
Effect. or Date Grantd.	09/23/1985
Expiration Date	INDEF
Grantee/Lessee/Buyer	CLALLAM COUNTY DEPARTMENT OF PUBLIC WORKS
Grantor/Lessor/Seller	DNR
County	
Region	
Water Body	
Notes (Deed file # or Aquatic Plate Ref.)	
Special Indexing Instructions	THIS FILE WAS ALREADY SCANNED, NOTES ON THE SIDE WILL REFLECT THE SUPPLEMENT OR AGREEMENT

Legal Description & Parcel ID		Enter Section/Township/Range/Direction if no parcel number is available				
		Section	Township	Range	Range Dir. E/W	Gov't Lot
GIS Parcel ID - 1	5473	PARCEL REJECTED	DO 05/15/1991			
GIS Parcel ID - 2	5482					
GIS Parcel ID - 3	5487					
GIS Parcel ID - 4	5489					
GIS Parcel ID - 5	5495					
GIS Parcel ID - 6	5518					
GIS Parcel ID - 7	5519					
GIS Parcel ID - 8	5520					
GIS Parcel ID - 9	5542	PARCEL REJECTED	DO 05/15/1991			
GIS Parcel ID - 10	5530	PARCEL REJECTED	DO 02/21/1990			
	Pg 1 of 2					
Prop. Aq. Specialist	John Graham					

File/Jacket Number

50 – CR3201

Date of ATB Form

8/14/2008

RESET

Parcel ID

GIS Parcel ID - 11	5538	GIS Parcel ID - 44		GIS Parcel ID - 77	
GIS Parcel ID - 12	5539	GIS Parcel ID - 45		GIS Parcel ID - 78	
GIS Parcel ID - 13	5521	GIS Parcel ID - 46		GIS Parcel ID - 79	
GIS Parcel ID - 14	5544	GIS Parcel ID - 47		GIS Parcel ID - 80	
GIS Parcel ID - 15	5560	GIS Parcel ID - 48		GIS Parcel ID - 81	
GIS Parcel ID - 16	5626	GIS Parcel ID - 49		GIS Parcel ID - 82	
GIS Parcel ID - 17	5594	GIS Parcel ID - 50		GIS Parcel ID - 83	
GIS Parcel ID - 18	5603	GIS Parcel ID - 51		GIS Parcel ID - 84	
GIS Parcel ID - 19	5602	GIS Parcel ID - 52		GIS Parcel ID - 85	
GIS Parcel ID - 20	5609	GIS Parcel ID - 53		GIS Parcel ID - 86	
GIS Parcel ID - 21	5627	GIS Parcel ID - 54		GIS Parcel ID - 87	
GIS Parcel ID - 22	5629	GIS Parcel ID - 55		GIS Parcel ID - 88	
GIS Parcel ID - 23	5634	GIS Parcel ID - 56		GIS Parcel ID - 89	
GIS Parcel ID - 24	5636	GIS Parcel ID - 57		GIS Parcel ID - 90	
GIS Parcel ID - 25	5678	GIS Parcel ID - 58		GIS Parcel ID - 91	
GIS Parcel ID - 26	5684	GIS Parcel ID - 59		GIS Parcel ID - 92	
GIS Parcel ID - 27	5685	GIS Parcel ID - 60		GIS Parcel ID - 93	
GIS Parcel ID - 28	5720	GIS Parcel ID - 61		GIS Parcel ID - 94	
GIS Parcel ID - 29	5739	GIS Parcel ID - 62		GIS Parcel ID - 95	
GIS Parcel ID - 30	15069	GIS Parcel ID - 63		GIS Parcel ID - 96	
GIS Parcel ID - 31	15094	GIS Parcel ID - 64		GIS Parcel ID - 97	
GIS Parcel ID - 32	5807	GIS Parcel ID - 65		GIS Parcel ID - 98	
GIS Parcel ID - 33	6048	GIS Parcel ID - 66		GIS Parcel ID - 99	
GIS Parcel ID - 34	6055	GIS Parcel ID - 67		GIS Parcel ID -100	
GIS Parcel ID - 35	112188	GIS Parcel ID - 68		GIS Parcel ID - 101	
GIS Parcel ID - 36	6226	GIS Parcel ID - 69		GIS Parcel ID - 102	
GIS Parcel ID - 37		GIS Parcel ID - 70		GIS Parcel ID - 103	
GIS Parcel ID - 38		GIS Parcel ID - 71		GIS Parcel ID - 104	
GIS Parcel ID - 39		GIS Parcel ID - 72		GIS Parcel ID - 105	
GIS Parcel ID - 40		GIS Parcel ID - 73		GIS Parcel ID - 106	
GIS Parcel ID - 41		GIS Parcel ID - 74		GIS Parcel ID - 107	
GIS Parcel ID - 42		GIS Parcel ID - 75		GIS Parcel ID - 108	
GIS Parcel ID - 43		GIS Parcel ID - 76		GIS Parcel ID - 109	

CR3201

APPLICATION NO. CR3201 AREA OLYMPIC

DATE FILED Dec 15, 1983 COUNTY CLALLAM

GRANT INDEMNITY SCHOOL/CAP. BLDG/SCHOOL

STATE FOREST BOARD TRANSFER LANDS

APPLICANT Clallam County Dept of Public Works

DESCRIPTION

Supp of 7-15-86 - parts $E\frac{1}{2}E\frac{1}{2}$, Sec. 23; $NW\frac{1}{4}NW\frac{1}{4}$, $S\frac{1}{2}SW\frac{1}{4}$, Sec. 24, all in Twp 30 North, Rge 5 West, WM.

Supp of 8-22-88 $SW\frac{1}{4}NW\frac{1}{4}$ Sec. 21 - Twp 29 North, Rge 5 West, WM.

Supp of 6-14-89 $NE\frac{1}{4}NE\frac{1}{4}$, Sec. 6 - Twp. 29 North - Rge 5 West, WM.

Acres ____ Sec. ____ Twp. ____ N., Range ____ W.M.

Encumbrances

O&G Lses. 64270,64298,64304,64306,64176,64163,64159,64143, exp 8-18-86 - Dome Petroleum, et al
O&G Lse 64253 - exp 8-18-86 - May Petroleum
O&G Lses. 64256,64313 - exp 8-18-86 - M.B. Rudman
R/W 28707 - Rd - Indef - 8-13-64 - DNR
TBS 43255 - exp 9-30-84 - Penn Timber
R/W 38183 - Buried transline - Indef - 7-15-75 - Pacific NW Bell Tele Co.
R/W 30216 - Rd - Indef - 3-1-65 - BPA.

Supp of 7-15-8
R/W 3
R/W 4
R/W C
Supp of 8-22-8
Supp of 6-14-8
R/W 37303 - Commun - Indef - Exempt C. Hunter - 7-15-74
R/W 40179 - Rd - Indef - Clallam Co. Dept of Public Works - 8-19-77
R/W 43551 - Trans Line - Indef - Clallam Co. PUD #1 - 11-5-80
R/W 45738 - Rd - Indef - Burrows + Pat - 9-27-83
R/W CR-3201 - Cond - Indef - Clallam Co - 9-23-85
R/W 46660 - Rd - Indef - Bob Fox, et al - 12-3-86
Supp of 1-10-91 Ease 38183 Transline Assmt Pac NW Bell 7-15-75
3-1-93 Lse 60734 Sanipac 3-1-93 Clallam County —
3-17-80 Ease 40916 Road Assmt Tax Parcel #30-5-24-0-0 Dec 3-17-80

W½SW¼, Sec 24 - Twp 30 - Rge 5 W - Deeded

N½NE¼, Sec 36 - Twp 30 - Rge 4 West - Deeded

RES 07001988 & 07001902 - Res - Resource RCW 27.53

D/O D85-135 of 10/24/85 - Where deleted Sec.'s 27 +30, T.30N., R.11W. + Sec. 31, T.31N. R.8W from application noted in T.B. 10/25/85 BV

D/O 90018 Rej an error 2-21-90 Rejected by D/O 90041 of 3-20-90 DD

(CV) Supp 1-10-91 1-10-91 Rejected D/O 91067 of 5-15-91 BH

(CU) 3rd Supp. Supp Doc. Noted 10-25-88

Supp of 8-22-88 EMEA

APPLICATION		APPLICATION		ASSIGNMENT
Reg. 12-15-83		Reg. 1-15-86 EA		Reg.
T.B. 12-15-83		T.B. 9-15-86		T.B.
INSTRUMENT		INSTRUMENT		Reg.
Reg. 9-30-85		Reg.		T.B.
T.B. 9-30-85		T.B.		

Supplemental CERTIFICATE issued 6-21-88 gjh

Supp CERTIFICATE BPA called 6-21-91 BH

SMEAD 81 SP66004

Copy to:
~~Applicant~~ File
Area Manager
JW 10/24/85
Date

CR3201

CR3201

APPLICATION NO. CR3201 AREA OLYMPIC

DATE FILED Dec 15, 1983 COUNTY 6 CLALLAM

GRANT INDEMNITY SCHOOL/CAP. BLDG/SCHOOL / STATE FOREST BOARD TRANSFER LANDS

APPLICANT Clallam County Dept of Public Works

DESCRIPTION

Supp of 7-15-86 - parts E^2E^2, Sec. 23; NW^4NW^4, SW^4SW^4, Sec. 24, all in Twp 30 North, Rge 5 West, WM.

Supp of 8-22-88 SW^4NW^4 Sec. 21 - Twp 29 North, Rge 3 West, WM.

Supp of 6-14-89 NE^4NE^4, Sec. 6 - Twp. 29 North - Rge 5 West, WM.

Acres ... Sec ... W.M.

Supp of 7-15-86 - Comm Lse 60734 - exp 3-1-93 - Clallam Co.
R/W 38183 - Tur transline - Indy - 7-15-75 - Pacific NW Bell Co.
R/W 40916 - Rd - Indy - 3-17-80 - Phoenix Contractors Inc.
R/W CR 3201 - Co Rd - Indy - 9-23-85 - Clallam Co.

Supp of 8-22-88 None.

Supp of 6-14-89
R/W 37303 - Domestic - Indy - Cathryn C. Jewell - 1-15-74
R/W 40179 - Rd - Indy - Elizabeth N. Murray - 8-17-77
R/W 43551 - Domestic - Indy - Clallam Co. PUD #1 - 11-5-80
R/W 45738 - Rd - Indy - Lorraine + Jon - 9-27-83
R/W CR-3201 - Co Rd - Indy - Clallam Co - 9-23-85
R/W 46660 - Rd - Indy - Dale York, et al - 12-5-86

Supp of 1-10-91 Exc 38183 Transline Indy Pac NW Bell 7-15-75
3-1-93 Exc 60734 easement 3-1-93 Clallam County —
3-17-80 Exc 40916 road Indy Tanner Gahyr & Public Util Dist 3-17-80

W½SW¼, Sec 24 - Twp 30 - Rge 5 W - Deeded

N½NE¼, Sec 36 - Twp 30 - Rge 4 West - Deeded

RES 07001988 & 07001902 - Exc - Resource RCW 27.53

D/O 85-135 of 10/24/85 w/Area deletes Sec.'s 27 + 30, T. 30N., R. 11 W. + Sec. 31, T. 31 N, R 8 W from application noted in T. B. 10/25/85 BV

D/O 90018 Rej an error 2-21-90

(CV) Supp 1-10-91 Rejected D/O 90041 of 3-20-90 DD

(CV) Supp 1-10-91 Rejected D/O 91-067 of 5-15-91 AH

(CW) 3rd Supp. Supp Doc. Noted 10-25-88

Supp of 8-22-88 EMEM

APPLICATION	
Reg.	12-15-83
T.B.	12-15-83
INSTRUMENT	
Reg.	9-30-85
T.B.	9-30-85

APPLICATION	
Reg.	7-15-86 ES
T.B.	9-15-86
INSTRUMENT	
Reg.	
T.B.	

ASSIGNMENT	
Reg.	
T.B.	
Reg.	
T.B.	

Supplement Checked 6-21-89 JW

Supp Clearances UPA coded 6-21-91 HB

EMEAD 81 SP66004

Copy to Applicant File
Area Manager
JW 10/24/85
Date

CR3201

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
BRIAN J. BOYLE, Commissioner of Public Lands

Easement No. CR-3201

THIS EASEMENT, made and entered into this 23rd day of September, 1985, by and between CLALLAM COUNTY, herein called the "Grantee," and the STATE OF WASHINGTON, acting by and through the Department of Natural Resources, herein called the "State," WITNESSETH:

The State for and in consideration of the terms and conditions specified herein, hereby grants and conveys to the Grantee:

An easement for a right of way for the sole purpose of construction, operation, use, and maintenance of a road over and across a location as shown on Plat No. CR-3201 filed in the office of the Commissioner of Public Lands at Olympia, Washington, copies of which are attached as Exhibits A, B, C, D, E, F, G, H, I, J, K, L, M, A-1, B-1, C-1, D-1, E-1, F-1, G-1, H-1, I-1, J-1, K-1, L-1, M-1, A-2, B-2, C-2, D-2, E-2, F-2, and G-2, indicating said right of way in red, and by this reference made a part hereof, all in Clallam County, Washington. Provided, the Grantee may permit the installation of utilities specifically pertaining to electronic transmission lines, telephone lines, or pipelines but for no other purposes.

This easement granted herein is subject to the following terms, conditions, and provisions:

Subject, however, to an easement for right of way for an access road granted to the United States of America, Bonneville Power Administration on March 1, 1965, under Application No. 30216.

Subject, however, to an easement for right of way for a buried cable granted to Pacific Northwest Bell Telephone Company on July 15, 1975, under Application No. 38183.

Consideration

The consideration paid by the Grantee to the State is as follows:

None: The benefits accruing to the State from the granting the public access rights offset the damage done to the land by the same grant.

Damage and Protection from Damage

Grantee, when using the rights granted herein, shall repair or cause to be repaired at its sole cost and expense, all damage to improvements on State lands occasioned by it, which is in excess of that which it would cause through normal and prudent use of said rights.

All legal land subdivision survey corners and witness objects are to be preserved. If such are destroyed or disturbed, the Grantee shall re-establish them by a registered professional engineer or licensed land surveyor in accordance with U. S. General Land Office standards at his own expense. Corners and/or witness objects that must necessarily be disturbed or destroyed in process of construction must be adequately referenced and/or replaced in accordance with all applicable laws of the State of Washington in force at the time of construction, reconstruction, or development of the right of way including but not limited to chapter 58.24 RCW, and all Department of Natural Resources rules and regulations pertaining to preservation of such corners and/or witness objects. Such references must be approved by the State prior to removal of said corners and/or witness objects.

The Grantee shall prevent the establishment of weeds upon, and the spread of weeds from, any portion of the right of way herein granted which is adjacent to cultivated State lands and shall further comply with the county noxious weed control board rules and regulations established under the Uniform Noxious Weed Control Statute (Chapter 113, Laws of 1969 Ex. Sess.). Payment of weed control costs will be the Grantee's responsibility.

In the event the county noxious weed control board directs the Grantee to control weeds or the Grantee elects to kill or control the growth of weeds and/or brush by chemical treatment within or in proximity to said right of way, he shall use only those chemical agents, the container labels of which have been registered with the Washington State Department of Agriculture. Such use must be in accordance with the labeled directions and approved of jointly by the Washington State Department of Agriculture and the County Extension Agent before commencement of any control program.

Preoperating Requirement

The Grantee's operations specified herein shall be conducted in accordance with the provisions of the State approved Plan of Operation in force at the time of construction, reconstruction, or development of the right of way.

Provided, however, thirty (30) days prior to commencement of said operations, the Grantee shall submit to the Area Manager at Forks, Washington, for written approval, a complete and detailed Plan of Operation for the development of the right of way. The Grantee shall provide for the examination of the right of way, with the State's Area Manager, before any construction, reconstruction, or development is commenced.

Facility Protection

Trees that become an interference or a hazard to the rights herein granted and located outside of the limits of said right of way may be removed upon obtaining the written consent of the State, and payment of the appraised value thereof.

Restoration

It is understood and agreed that in the event any portion of the road described herein is abandoned, or in the event any portion of the right of way granted on November 12, 1952 under Application Number F1827 is abandoned as a result of the rights granted herein, the Grantee shall take the necessary legal action to vacate such portions and shall immediately restore the land within all abandoned portions to a natural condition as may be directed by the State.

Notice of Noncompliance

The State shall notify the Grantee by United States mail, addressed to the address shown on the application for this easement on file with the State in Olympia, Washington, of any instance of noncompliance by the Grantee, its employees, permittees, contractors or subcontractors with any of the terms and conditions hereof. Such notice will specifically identify the manner of noncompliance herewith.

In the event the Grantee does not undertake, or cause to be undertaken, remedial action within fifteen (15) days following receipt of said notice, the State, acting by and through its Area Manager at Forks, Washington, may suspend the Grantee's operations until such time as effective remedial action is taken.

IN WITNESS WHEREOF, the parties hereto have executed this instrument, in duplicate, as of the day and year first above written.

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

ROY E. FRIIS, Manager
Timber Sales Division

BOARD OF COUNTY COMMISSIONERS
CLALLAM COUNTY

Chairman

Commissioner

Commissioner

223 East Fourth Street
Port Angeles, WA 98362

App. No. CR-3201
353013
Copy to:

Applicant, File
Area Manager

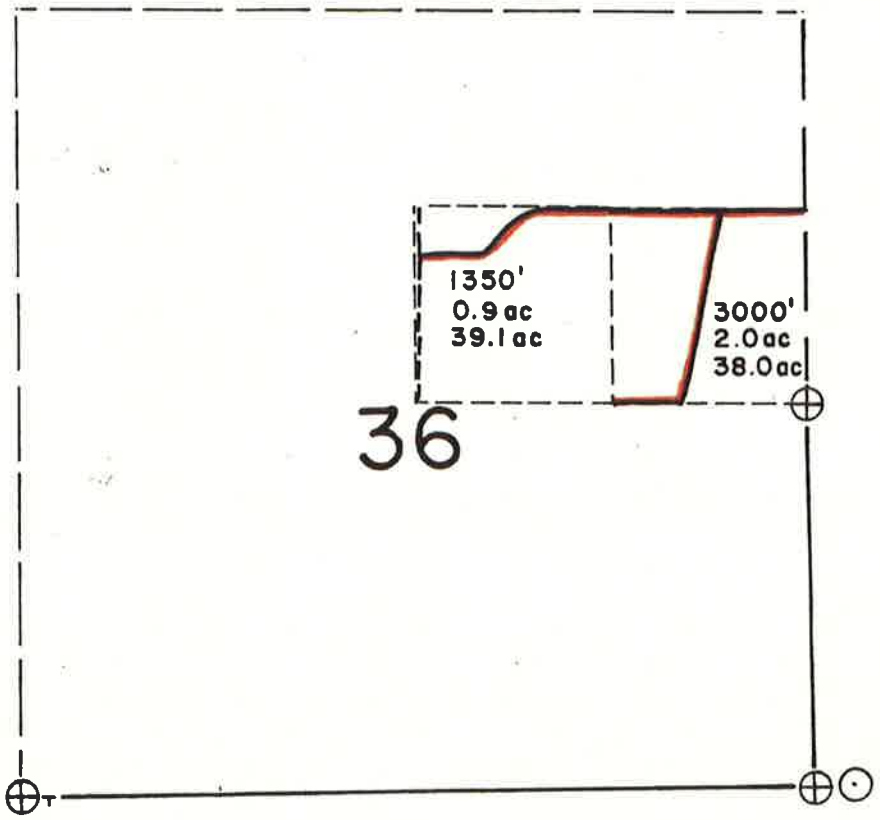
JW 9-24-85
Date

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
BRIAN J BOYLE—COMMISSIONER OF PUBLIC LANDS

Form No. _____ County CLALLAM

Name _____

T 30 N R 4 W W.M.



S2NE4

R/W = 30'
SCALE: 1" = 1000'

DRAWN BY: DE
DATE: 2-15-85

EXHIBIT 1

WASHINGTON STATE DEPARTMENT OF
NATURAL RESOURCES

RECORD SEARCH
#02-098949
River Road Transfer

Description

Section 36 **Township** 30 N **Range** 4W **W.M.**

County: Clallam **GIS Parcel Number:** 5521

Portions of:	**Surface Trust**	**Mineral Trust**	**Timber Trust**
S1/2NE1/4, NW1/4, SW1/4	03	03	03

Acquired by:	**Number:**	**From:**	**Date:**
US Patent	46-72-0049	US Bureau of Land Management	2/22/1889

Encumbrances

Class	Number	Event	Expire Dt	Grantee	Date Gtd
ESE	50-020218	OVTRANS	Indef	Bonneville Power Administration	11/30/1950
ESE	50-032933	OVPOWER	Indef.	PUD No 1 of Clallam County	5/3/1968
ESE	50-033171	OVTRANS	Indef.	Bonneville Power Administration	4/8/1969
ESE	50-034779	IRRIGATION DITCH	Indef.	Eureka Irrigation Company	6/19/1972
ESE	50-CR0594	CROAD	Indef	Clallam County	8/13/1920
ESE	50-CR3201	CROAD	Indef	Clallam County	9/23/1985
ESE	50-CR3228	CROAD	Indef.	Clallam County	6/18/1986
W/R	78-000007	IRRIGATION	Indef.	DNR (from Dept. of Ecology)	12/28/1967
W/R	78-002192	RIVER	Indef	DNR (from Dept. of Ecology)	4/18/1972

No Region Encumbrances of Record

No Pending Applications of Record

No Access of Record

Special Notations

Located within the Point No Point Treaty area Intergovernmental agreements for vehicle access with Lower Elwha Tribal Community (92-095264), Skokomish Indian Tribe (92-095268), Jamestown S'Klallam Tribe (92-097129), and Port Gamble S'Klallam Tribe (92-097130).

Title Examiner: Beth Hughes **Date:** March 28, 2019

Proofread by TM Date 3/28/2019

02-098949

MEMORANDUM

3-28-19

TO: Beth Hughes, Title Office, MS-47021
via e-mail DNR RE TRANS REQUEST

FROM: Micki McCulloch, Project Assistant, 360-902-1496
Asset Planning and Transactions Section

SUBJECT: **PRELIMINARY / OR UPDATE REQUEST:**
File and/or File Number Request

Please complete a title search, assign a file number, prepare a file jacket and set up an ATB query for the following property.

Date Needed: 4-5-19

Type of Transaction: Sale/Transfer

Project Name: River Road Transfer

Parties: DNR/Clallam County

County(ies): Clallam

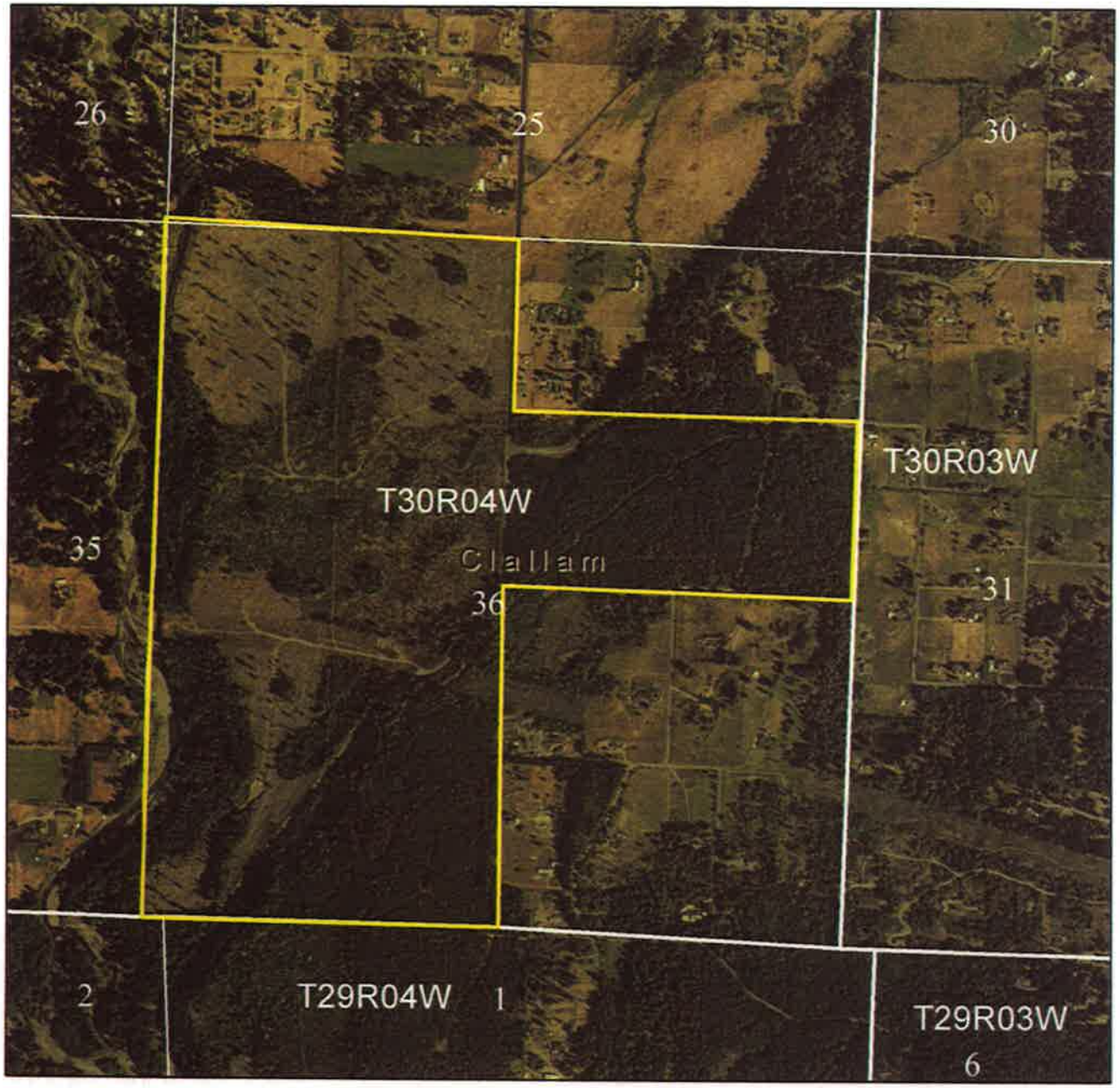
LEGAL				
Sec	Twp	Rge	Dir	**Example = SE4NW4, N2SW4**
36	30	04	W	The South Half of the Northeast Quarter and the West Half of Section 36, Township 30 North, Range 4 West, W.M., Clallam County, Washington

Form Updated 2/26/2013 JA

River Road Transfer

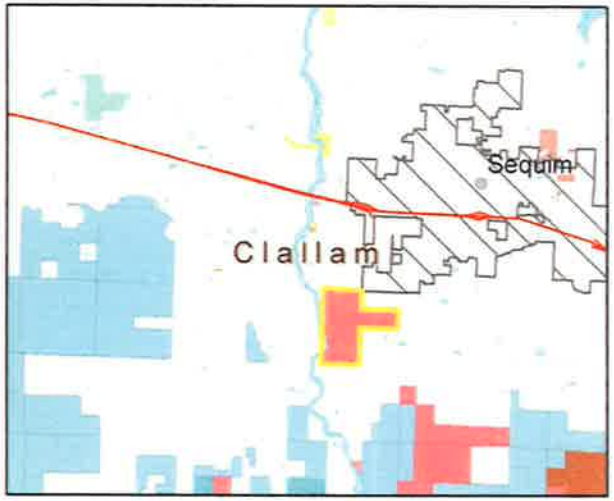
Clallam County

Ortho



Legend

- River Road Parcel
- Public Land Survey Sections
- Public Land Survey Townships



WASHINGTON STATE DEPT OF NATURAL RESOURCES

N

0 0.1 0.2 0.4 0.6 Miles

Disclaimer: Extreme care was used during the compilation of this map to ensure accuracy. However, due to changes in ownership and the need to rely on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions, and, therefore, there are no warranties which accompany this material

Created by: Micki McCulloch, CRT Division Date: 3/25/2019

Section 36 Township 30 N. Range 4 W W. M., County Clallam

Style Form No. 570—1932. Approved by Department of Efficiency.

Surveyed Feb. 21, 1859 ; Plat Aprvd. by Surveyor Gen'l. Feb. 21, 1859 ; Aprvd. by G. L. O. ; Fd. Filing L. L. O. ; Filed L. L. O. at

Grant School ; Selection List No. ; List Filed in L. L. O. ; Aprvd. Sec. Int. ; Cert. in Clear List No. ; Date

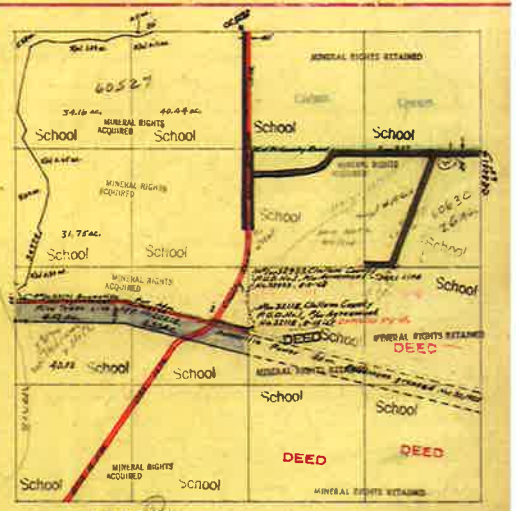
A. L.—Application to Lease.
A. P.—Application to Purchase.
A. R. L.—Application to Release.

A. O.—Application to Overflow.
A. R.—Application for Right-of-Way.
L.—Lease.
W—WATER RIGHTS

C. S.—Contract of Sale.
T. B. S.—Timber Bill of Sale.
A.—Assignment.
D.—Deed.

Examined U.S. Patent No. 46-79-0049
Date 3/27/1933
Washington Selection No. 0512/4

No.	Int.	NAME	Date	Am't. Rec'd.	NE.				NW.				SW.				SE.			
					NE.	NW.	SW.	SE.	NE.	NW.	SW.	SE.	NE.	NW.	SW.	SE.	NE.	NW.	SW.	SE.
A 20	AL	Geo Webber	Aug 25 1891		✓	✓	✓	✓												
A. 20	AL	Endorsed "Waypus pmt"			✓	-	-	-												
619	L	Jas Asmith	Aug 2. 1897			✓														
A 19	AL	Geo Webber	Oct 14. 1897														✓	✓	✓	✓
965	L	" "	Dec 1. 1897														✓	✓	✓	✓
961	L	Jas W Patten	Dec 1. 1897		✓		✓													
659	AL	" "	July 20. 1897				✓													
1811	AL	Geo W Lawrence	Dec. 12. 1900											✓	✓					
2829	L	" "	Aug 7. 1900											✓	✓					
965	A	Frank Doran	Sept 19. 1900														✓	✓	✓	✓
961	A	Jno Last to Frances Doran	Feb 2. 1901		✓		✓													
A 18	ARL	Jas A Smith	Aug 13. 1902			✓														
4296	L	" "	Aug 2. 1902			✓														
A 85	ARL	Frank Doran	Nov 18. 1902		✓		✓										✓	✓	✓	✓
4813	L	" "	Dec 1. 1902		✓		✓										✓	✓	✓	✓
3853	AL	Fred W J Lawrence	Apr 18. 1905			✓			✓	✓	✓	✓	✓							
3858	AL	Rejected Ltr refunded				✓			✓	✓	✓	✓	✓							
3552	ARL	Geo W Lawrence	Aug 7. 1905											✓	✓					
3552	ARL	Rejected Ltr refunded												✓	✓					
4506	AL	Jas A Smith	July 11. 1907			✓														
4799	AL	Frank Doran	Nov 20 1907		✓		✓										✓	✓	✓	✓
8197	L	" "	Apr 18. 1908		✓		✓										✓	✓	✓	✓
8218	L	Thad Wagner	Apr 18. 1908			✓														
8501	L	Frank Doran	Jan 22. 1909														✓	✓	✓	✓
8521	A	C J Spooner	Apr 16. 1909														✓	✓	✓	✓
8107	A	Thaddeus Wagner	Jan 21. 1909		✓															
8549	L	" "	Jan 22. 1909		✓															
8107	A	Bert Doran	June 21. 1909				✓													
8550	L	" "	Jan 22. 1909				✓													
7309	AP	W B Smith	Mar 3. 1910						✓	✓	✓	✓								
7309	AP	Rejected Ltr refunded							✓	✓	✓	✓								
7520	AP	J J Keeler	Mar 22 1910				✓						✓	✓	✓	✓				
7520	AP	Rejected Ltr refunded					✓						✓	✓	✓	✓				
8540	AP	C J Spooner	Dec 8. 1912														✓	✓	✓	✓
8126	OS	" "	Apr 2. 1912	3330			-										✓	✓	✓	✓
9008	AP	Thad Wagner	Mar 17. 1913		✓	✓														
8541	OS	" "	Oct 1. 1913	1700	✓	✓														
7342	ARL	Bert Doran	Apr 24. 1913				✓													
10595	L	" "	Oct 17. 1913				✓													



DNR WATER NO. W 2192
☐ Certificate ☒ Claim
Place of Use SE NE Sec. 36 Twp. 30 Rge. 4 W
Source SE NE Sec. 36 Twp. 30 Rge. 4 W
Quantity .01 ☒ CFS ☐ GPM

DNR WATER NO. W 0007
☒ Certificate ☐ Claim
Place of Use SE Sec. 36 Twp. 30 Rge. 4 W
Source SE Sec. 36 Twp. 30 Rge. 4 W
Quantity — ☒ CFS ☐ GPM

Section 36 Township 30 N Range 4 W. W.M., County Continued Chelan

State Form No. 471—1922. Approved by Department of Efficiency.

Surveyed	Plat Aprvd. by Surveyor Genl.	Aprvd. by G. L. O.	Fd. Filing L. L. O.	Filed L. L. O. at
Grant **School**	Selection List No.	List Filed in L. L. O.	Aprvd. Sec. Int.	Cert. in Clear List No. Date

A. L.—Application to Lease.
A. P.—Application to Purchase.
A. R. L.—Application to Release.

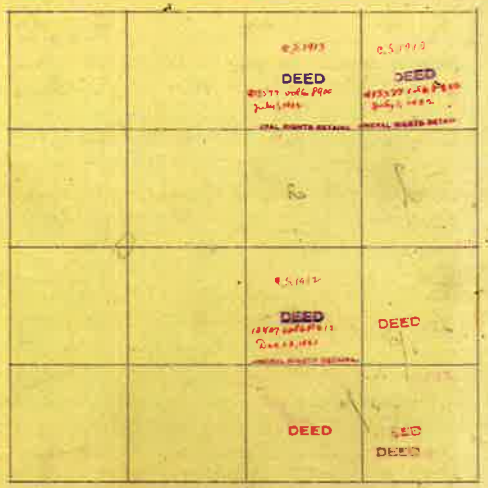
A. O.—Application to Overflow.
A. R.—Application for Right-of-Way.
L.—Lease.

C. S.—Contract of Sale.
T. B. S.—Timber Bill of Sale.
A.—Assignment.
D.—Deed.

Remarks.

F N. No 141

No.	Ind.	NAME	Date	Ass't. Plat'd.	NE. NE.	NE. NW.	NE. SW.	NE. SE.	NW. NE.	NW. NW.	NW. SW.	NW. SE.	SW. NE.	SW. NW.	SW. SW.	SW. SE.	SE. NE.	SE. NW.	SE. SW.	SE. SE.
8126	A	Chas W.P. Bailey	Dec 5 1914														✓			
8934	Lease CS	" "	Dec 12 1914	720													✓			
8939	Lease CS	O J Sporseen	Dec 17 1914	26.70													✓	✓	✓	
3252	AL	Thad Wagner	Aug 22 1915				✓													
10535	L	Cancelled for Non-payment	Nov 4 1919				✓													
10539	L	Reinstated 720	Dec 2 1919				✓													
394	AR	County Road	May 8 1916		✓	✓			✓		✓		✓	✓						
12021	L	Thad Wagner	Jan 22 1916				✓													
10674	AL	O J Sporseen	Dec 2 1918						✓	✓	✓	✓								
10674	AL	Rejected	Dec 21 1918						✓	✓	✓	✓								
10882	AR	Ole Sporseen	Mar 24 1918						✓											
13412	L	" "	Apr 18 1918						✓											
13566	AL	Dr C E Wilson Org	June 12 1920						✓	✓	✓	✓								
1744	L	" " "	June 14 1920						✓	✓	✓	✓								
11240	AR	N C Ingram	Nov 15 1920						✓	✓	✓	✓	✓	✓	✓	✓				
13565	AL	Dr C E Wilson Org	June 14 1920										✓	✓	✓	✓				
1743	L	" " "	June 14 1920										✓	✓	✓	✓				
394	AR	Chelan County Easement granted	May 18 1920				✓	✓	✓		✓		✓		✓	✓				
11064	APS	Thad Wagner	May 10 1920						✓		✓		✓			✓				
11064	APS	Withdrawn & Refunded	May 16 1920						✓		✓		✓			✓				
11240	APS	Repaid Sup. Refunded	Apr 3 1921						✓	✓	✓	✓	✓	✓	✓	✓				
1744	L	Cancelled D.F.C.	Dec 17 1921						✓	✓	✓	✓	✓	✓	✓	✓				
11064	AR	Thad Wagner	Jan 31 1921				✓													
13891	L	" "	Jan 22 1921				✓													
13412	A	O J Sporseen	Apr 13 1921					✓												
1746	Deed	Paul H. Walter P. Bailey V.G.P. 826	Dec 23 1922	720													✓			
1357	Deed	Thad Wagner V.G.P. 300	July 6 1922	12.00	✓	✓														
16174	AL	Ole J Sporseen	May 7 1923					✓												
16174	L	" " "	Feb 16 1923	16.00				✓												
987	AR	County Road	Aug 8 1923				✓	✓												
		Easement Granted	Aug 9 23				✓	✓												
14461	L	Cancelled	Apr 9 1924					✓												
12175	AP	Thad Wagner	Apr 12 1924	"				✓												
		Rejected. Def'd. Refused	May 9 1924					✓												
14691	L	Reinstated	May 9 1924					✓												
13140	APL	Thad Wagner	Apl 3 1926	"				✓												
17816	B	" "	Aug 22 1926	$17.60				✓												
2332	AR	Ole J Sporseen	Apl 1 1926					✓												
18119	Pa	Ole J Sporseen (D)	Apl 14 1926	16.64				✓												



Section 36 Township 30N. Range 4W. W. M., County Clallam (Continued)

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L.—Lease.

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T. B. S.—Timber Bill of Sale.
A.—Assignments.
D.—Deed.

Easements.

FOR MAP SEE FIRST PAGE

No.	Int.	NAME	Date	Am't. Rec'd.	NE. NE.	NE. NW.	NE. SW.	NE. SE.	NW. NE.	NW. NW.	NW. SW.	NW. SE.	SW. NE.	SW. NW.	SW. SW.	SW. SE.	SE. NE.	SE. NW.	SE. SW.	SE. SE.
26213	ARL	Otto J. Sporseen	Apr. 18 1933				✓													
21515	Ls	Otto J. Sporseen (S)	Apr. 18 1933	12.50			✓													
Temp		Howard Cranmer	Rec'd Jan. 5 1935	10.56																
31632	GL	Wm Maberry	Jan. 14 1938							✓										
32185	Ls	Wm E. Maberry (S)	Apr. 2 1938	5.00						✓										
31915	MA	Otto J. Sporseen	Apr. 18 1938				✓													
38417	Ls	Otto J. Sporseen (S)	Apr. 1 1938	13.75			✓													
34744	GL	Bertha B. Maberry	Apr. 9 1940							✓										
27720	Ls	Bertha B. Maberry (S)	May 15 1940	5.00						✓										
34781	GL	Otto J. Sporseen	Nov. 5 1940				✓													
27647	Ls	Otto J. Sporseen (S)	Apr. 18 1940	13.75			✓													
17219	APT.	W. J. Cramp	Aug. 12, 1941										✓	✓	✓	✓				
17933	DEED	O. J. Sporseen Vac 80 SEE	Apr. 4, 1942	267.00																
3398	PAS	W. J. CRAMP (Sys)	July 21, 1942	507.75									✓	✓	✓	✓				
17841	A.P.	Philip H. Lewis	May 7, 1943								✓									
17841	A.P.	Reserved c/o Merrill W. Maberry	May 7, 1943								✓									
36213	R.L.	James W. Laurencen	May 26, 1943						✓	✓										
23930	Ls	James W. Laurencen (S)	Apr. 11, 1943	10.00					✓	✓										
17928	HRT.	W. J. Cramp	July 31, 1943				✓		✓	✓	✓									
23810	Ls	Cancelled c/o	Ls 23906	10.00					✓	✓										
Timber Trespass		W. J. Cramp. c/o	Nov. 26, 1943	600.00						✓										
18371	APT.	W. J. Cramp	July 7, 1944								✓									
38426	ENL	Otto J. Sporseen	4/17/45				✓													
30305	Ls	Otto J. Sporseen (S)	4/1/45	20.00			✓													
38877	APL	Bertha B. Maberry	Aug. 9, 1945							✓										
38877	APL	Rejected c/o	5/21/46							✓										
3816	TBS	Albert Haller	6-18-46	1957.60							✓									
3819	TBS	Steidel Shingle Mfg Co (S)	12-19-46	2400.00			✓			✓	✓	✓								
30318	APL	Timber Trespass Townsend Lumber Mfg Co	1-26-1948										✓	✓						
20660	APT.	Albert Haller	Nov. 24, 1948										✓	✓	✓					
36813	APT.	FRANK E. ECKER	March 10, 1949								✓									
23810	APL	Albert Haller Reject c/o	1/16/47										✓	✓	✓					
20818	APL	Rejected c/o	Feb. 2, 1950								✓									
42546	RAL	Otto J. Sporseen	Apr. 18, 1950				✓													
33422	Ls	Otto J. Sporseen (S)	Apr. 18, 1950	25.00			✓													
3819	T.B.S.	Cancelled c/o	Aug. 4, 1950			✓			✓	✓	✓									
21411	AP	Frank E. Ecker	Aug. 3, 1951							✓										
20211	R/W	Sporseville Power Admin c/o	Dec. 24, 1951	425.00									✓							
21645	AP	Frank E. Ecker	2-5-51							✓										

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Section 36 Township 30N. Range 4W. W. M., County Clallam (Continued)

Surveyed ; Plat Aprod. by Surveyor Gen'l. ; Aprod. by G. L. O. ; Fd. Filing L. L. O. ; Filed L. L. O. pt

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No.	Inst.	NAME	Date	Am't. Rec'd.	NE. NE.	NE. NW.	NE. SW.	NE. SE.	NW. NE.	NW. NW.	NW. SW.	NW. SE.	SW. NE.	SW. NW.	SW. SW.	SW. SE.	SE. NE.	SE. NW.	SE. SW.	SE. SE.
21861	AP	Albert Haller	6-20-51										✓	✓						
21861	AP	Rejected	c/o Nov 2, 1951										✓	✓						
12517	C.S.	E. K. Franklin	Aug 25, 1952	3200 00						✓										
12518	C.S.	E. K. Franklin	Aug 25, 1952	2500 00						✓										
45049	AL	J. D. Arnold	4/5/63		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
45242	AL	Etta J. Spencer	5/2/63							✓										
1678	Lse	L. E. Arnold	Apr. 9, 1955	256 00	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12526	Lse	Etta J. Spencer	Mar 12, 1955	26 00						✓										
24802	AP	Town of Sequim	11/23/56											✓	✓					
1678	Lse	Cancelled	11/2/57	256 00	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25039	AR	Albert Haller													✓					
12517	C.S.	Cancelled	c/o Nov. 11, 1958	3200 00						✓										
12518	C.S.	Cancelled	c/o Nov. 11, 1958	2500 00						✓										
24802	A.P.	REJECTED	c/o 3-19-62											✓	✓					
52961	A	C. H. Mack	2-27-64	1.00																
54039	ARL	C. H. Mack	4/14/64						✓											
26643	AP	Harry Secor	5/17/60						✓	✓										
54039	Lse	C. H. MACK	Exp. 2/1/64	26.00					✓											
26643	AP	Rejected	c/o 12/22/60							✓	✓									
25039	AR	"	" 5/23/61												✓					
55501	RL	Earl O. Barrett	10/18/61												✓					
55939	"	Teen J. Clayton	4/24/62							✓	✓									
55501	Lse	Earl O. Barrett	Exp 2-1-72	3.84											✓					
55939	"	Teen J. Clayton	" 2-1-72	60.96						✓	✓									
54039	Lse	Surrendered	6-3-63						✓											
57857	AL	Leonard A. Olsen	5-6-65	#140 00					✓											
57857	Lse	" " "	Exp 2/1/73	for yrs rent					✓											
58174		C/c-66-850 of 9-1-66 Inst. DEPARTMENT OF NATURAL RESOURCES	1/28/66											✓						
58174		Entry BONNEVILLE POWER ADMINISTRATION	6/16/67											✓	✓					
32112	AR	Clallam County P.U.D. #1	4/12/67											✓						
32118		" " " " " "	8/14/67	#13 22										✓						
32262	Entry	BONNEVILLE POWER ADMINISTRATION	6/30/68	NIC										✓	✓					
32933	AR	Clallam County P.U.D. #1	3/26/68											✓						
32118	RW	Cancelled C/C 68-224 of	5/3/68											✓						
32933	RW	Clallam Co. P.U.D. #1	5/3/68	#65 00										✓						
33171	AR	BONNEVILLE POWER ADMINISTRATION	7/1/68											✓	✓					
65839	A	Harry E. Secor	7/2/68							✓	✓									
33171	RW	Bonneville Power Admin.	7/11/68											✓	✓					
33871	CAR	State of Wash.	5/16/69				✓	✓												

Section 36 Township 30 N. Range 4 W. W. M., County Clallam (Cont'd.)

B.F. No. 475—12-64—150, 60747.

Surveyed	Plat Aprvd. by Surveyor Genl.	Aprvd. by G. L. O.	Fd. Filing L. L. O.	; Filed L. L. O. at
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A. R. L.—Application to Release.
U. & O.—Use and Occupancy.

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A. R.—Application for Right-of-Way.
L.—Lease.
T.—Trespass.

C. S.—Contract of Sale.
T. B. S.—Timber Bill of Sale.
A.—Assignments.
D.—Deed.

Easements

No.	Ind.	NAME	Date	Amount Reserved	NE. NE. NW. SW. SE.	NW. NE. NW. SW. SE.	SW. NE. NW. SW. SE.	SE. NE. NW. SW. SE.
55501	Lse	Surrendered Ltr.	5/1/70				✓	
55939	A	Daryl H. Reinke	6/22/70			✓✓		
34779	A'm	Eureka Irrigating Co	7/8/70			✓✓✓	✓	
33996	T.B.	M. & R. Timber, Inc. Exp	12/31/72	$1,952	✓✓			
36313	R/W	Highland Irrig. Dist.	6/19/72		✓✓		✓ ✓✓	
34779	Rel.	Eureka Irrigating Company Exp. Indef.		N/C		✓✓✓	✓	
60527	A	Stanley E. Sporseen	8/4/72			✓✓		
		Leonard A. Olsen	12/22/72		✓			
60630	Cert. Lse	Leonard A. Olsen exp.	2/1/83		✓			
60527	Ext. Lse	Peter Frechill exp	4/1/84			✓✓		
W-2198	W	DEPARTMENT OF NATURAL RESOURCES	4/18/72		✓			
W0007	W	" " "	11-5-68		✓			
61482	A	State of WA	7/28/75			✓✓✓✓	✓✓✓✓	
		REJECTED % 76-199	6/2/76			- - - -	- - - -	
36313	R/W	Rejected C/O 79-045	2/16/79		✓✓		✓	✓✓
W-327		Canceled % 80-017	1-25-82			✓✓		
6		William Lee Stipe	1-25-82			✓✓		
63174		Indemnity Cancelled C/O 80-045	9/4/81				✓	
64346	Lse	William Stipe Exp	6/4/82			✓✓		
62311	R/W	Clallam County Dept of Public Works	12-15-83					
CR3201	R/W	Clallam County	INDEF		✓✓			
47968	R/W	Clallam Co. Road Department	4-15-86		✓	✓	✓	
47968	R/W	Rejected by C/O 86 079 g	4-24-86		✓	✓	✓	
CR3228	R/W	Clallam Co. Road Department	4-21-86		✓	✓	✓	
47023	A/T	State of Washington	5-6-86	Gone with the wind				
47023	T.B.S.	Oakes Logging Inc. exp	9-13-86	" "	✓✓			
CR3228	R/W	Clallam County	INDEF	fil 6-19-86	✓	✓	✓	
50011	A/T	State of Washington	1-30-89	Sporseen Ck.	✓✓			
50011	T.B.S.	ITT Rayonier exp.	11-21-90	Sporseen Ck.	✓✓			
51617	R/W	State of Washington	11-14-90	Duncan School			✓✓✓	
50011	T.B.S.	Terminated by letter	10-22-90		✓✓			
52177	R/W	Trans Mountain Oil Pipeline Co. exp.	12-31-91				✓✓	
52178	R/W	Trans Mountain Oil Pipeline Co. exp	12-31-91				✓✓	
51617	T.B.	Pope and Talbot, Inc. exp	08-08-96	Dungeness Creek			✓✓✓✓	
51617	T.B.S.	Terminated by letter	11-8-93				✓✓✓	

ED OCT 1990

DEC 1994

FOR MAP SEE FIRST PAGE

Section 36 Township 30 N. Range 4 W. W. M., County Clallam (Cont'd)

L. F. No. 013—12-30—15M. 8/47.

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Easements

No.	Inst.	NAME	Date	Amount Received	NE. NE. NW. SW. SE.	NW. NE. NW. SW. SE.	SW. NE. NW. SW. SE.	SE. NE. NW. SW. SE.
74126	AM	State of Washington	5-29-2002	Outskirts		✓✓✓✓	✓✓	
74126	TBS	Merrill + Ring LLC	9-30-2004	Outskirts		✓✓✓✓	✓✓	

FOR MAP SEE FIRST PAGE

Appendix F-2
DNR Property Records – Timber Sales and Associated Information

FMPT Special Concerns Report

MBEN490 08 Aug 2012 12:17:14

Concerns Selected: ALL

For the section(s) in FMU: HAPPY CAT U1 **FMU ID: 85216**

which partially or wholly occupies section(s): T30N R4W S36

Location of TRAX hit	Type of Concern	Contact	Concern Type	Concern ID	Phone No	Name	Description	Water Source	Water Location	Water Tributary
T30N R4W S36	ARCHAEOLOGICAL/HISTORICAL SITE	Dept. Arch. & Hist. Preserv.	07	CA00524 -- --	(360)586-3064	07ALERT				
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	000594	CALL REGION	CLALLAM COUNTY	50 - R/W Granted Land			
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	020218	CALL REGION	USA DOE - BONNE	50 - R/W Granted Land			
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	032933	CALL REGION	CALLAM COUNTY P	50 - R/W Granted Land			
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	033171	CALL REGION	USA DOE - BONNE	50 - R/W Granted Land			
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	034779	CALL REGION	EUREKA IRRIGATI	50 - R/W Granted Land			
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	052177	CALL REGION	TRANS MOUNTAIN	50 - R/W Granted Land			
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	CR0594	CALL REGION	CLALLAM COUNTY	50 - R/W Granted Land			
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	CR3201	CALL REGION	CLALLAM COUNTY	50 - R/W Granted Land			
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	CR3228	CALL REGION	CLALLAM COUNTY	50 - R/W Granted Land			
	WATER RECORD	DNR PS&L Division	78	002192	(360)902-1604	DNR - INTERNAL	78 - Water Rights Record			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23590617	(360)407-6300	G2-020780CL	DG ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23646764	(360)407-6300	G2-027470CL	DG ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23738171	(360)407-6300	G2-020781CL	IR ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23762018	(360)407-6300	G2-020782CL	DG ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23762703	(360)407-6300	G2-23741CWRIS	DS IR ST	WELL	NE4SE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23705092	(360)407-6300	S2-067007CL	ST	DUNGENESS RIVER		
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23783607	(360)407-6300	S2-*17221JWRIS	DG IR ST	DUNGENESS RIVER	NE4NW4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23793650	(360)407-6300	S2-CV1-2P132	DG IR ST	DUNGENESS RIVER	NE4NW4	

Adjacent Sections: T29N R3W S6, T29N R4W S1, T29N R4W S2, T30N R3W S30, T30N R3W S31, T30N R4W S25, T30N R4W S26, T30N R4W S35

Location of TRAX hit	Type of Concern	Contact	Concern Type	Concern ID	Phone No	Name	Description	Water Source	Water Location	Water Tributary
T29N R3W S6	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	F01585	CALL REGION	USA DOE - BONNE	50 - R/W Granted Land			
	RIGHT OF WAY - PRIVATE LAND	DNR Region Office	55	000406	CALL REGION	THE CAMPBELL GR	55 - R/W Land Acquisition			
T29N R4W S1	SURFACE MINING PERMIT	DNR Geology	70	011153	(360)902-1450	DELHUR INDUSTRI	70 - Surface Mining Permit			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23580611	(360)407-6300	G2-028116CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23599661	(360)407-6300	G2-039497CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23612347	(360)407-6300	G2-094039CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23624834	(360)407-6300	G2-131086CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23714909	(360)407-6300	G2-138297CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23769472	(360)407-6300	G2-074524CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23802689	(360)407-6300	G2-CV1-2P107	MU	INFILTRATION TRENCH	SW4SW4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23805373	(360)407-6300	G2-028789CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23813187	(360)407-6300	G2-063402CL	DG			
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23609488	(360)407-6300	S2-004161CL	DG IR ST			
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23663534	(360)407-6300	S2-*01107ALCWRI	MU	DUNGENESS RIVER	SW4SW4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23712731	(360)407-6300	S2-*17223JWRIS	DS IR ST	DUNGENESS RIVER	SW4SW4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23745395	(360)407-6300	S2-063173CL	DG	KINKADE CREEK		
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23760904	(360)407-6300	S2-25815CWRIS	DS FS	UNNAMED SPRING	WRIS: GL-2	
T29N R4W S2	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	041110	CALL REGION	REX MANTLE	50 - R/W Granted Land			

	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	CR3201	CALL REGION	CLALLAM COUNTY	50 - R/W Granted Land			
	RIGHT OF WAY - PRIVATE LAND	DNR Region Office	55	000677	CALL REGION	THE CAMPBELL GR	55 - R/W Land Acquisition			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23577895	(360)407-6300	G2-028399CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23578583	(360)407-6300	G2-053302CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23595046	(360)407-6300	G2-048528CL	DG	A WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23600634	(360)407-6300	G2-164511CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23615518	(360)407-6300	G2-006475CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23618471	(360)407-6300	G2-054883CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23637443	(360)407-6300	G2-161488CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23669183	(360)407-6300	G2-*11185CWRIS	DS	WELL	NW4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23708579	(360)407-6300	G2-017506CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23724314	(360)407-6300	G2-049632CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23739639	(360)407-6300	G2-*11185CWRIS	DS	WELL	SW4SE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23751896	(360)407-6300	G2-009955CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23765312	(360)407-6300	G2-005231CL	DG IR ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23784290	(360)407-6300	G2-28249	DM	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23796572	(360)407-6300	G2-005011CL	DG IR ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23799790	(360)407-6300	G2-015823CL	DG IR ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23802889	(360)407-6300	G2-007894CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23803505	(360)407-6300	G2-084874CL	DG			
		Ecology								

	DOE - WATER RIGHTS - SURFACE	Dept-SW Region	S2	23664155	(360)407-6300	S2-*20367CWRIS	DS	UNNAMED SOURCE	WRIS: GL3
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23734093	(360)407-6300	S2-*05345CWRIS	DM IR	UNNAMED STREAM	NE4SW4
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23739368	(360)407-6300	S2-087566CL	DG	SPRING	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23786493	(360)407-6300	S2-*05345CWRIS	DM IR	UNNAMED STREAM	SW4NE4
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23815676	(360)407-6300	S2-161472CL	DG	DUNGENESS RIVER	
T30N R3W S30	ARCHAEOLOGICAL/HISTORICAL SITE	Dept. Arch. & Hist. Preserv.	07	CA00426 -- --	(360)586-3064	07ALERT			
	ARCHAEOLOGICAL/HISTORICAL SITE	Dept. Arch. & Hist. Preserv.	07	CA00550 -- --	(360)586-3064	07ALERT			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23576785	(360)407-6300	G2-033145CL	DG	WELL	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23582674	(360)407-6300	G2-017961CL	DG IR		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23586529	(360)407-6300	G2-017192CL	DG		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23588887	(360)407-6300	G2-138329CL	DG IR ST	WELL	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23600685	(360)407-6300	G2-095809CL	DG	WELL	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23601592	(360)407-6300	G2-085282CL	DG		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23603223	(360)407-6300	G2-070296CL	DG	WELL	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23604063	(360)407-6300	G2-029123CL	DG		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23619903	(360)407-6300	G2-013030CL	DG ST		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23621701	(360)407-6300	G2-083407CL	DG	WELL	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23622834	(360)407-6300	G2-130858CL	DG		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23624376	(360)407-6300	G2-122374CL	DG IR	WELL	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23628881	(360)407-6300	G2-049196CL	DG	WELL	

	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23651597	(360)407-6300	G2-25278CWRIS	DM	WELL	NW4NW4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23664510	(360)407-6300	G2-01035CWRIS	DS IR	WELL	SE4SE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23689583	(360)407-6300	G2-060614CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23691950	(360)407-6300	G2-100399CL	DG IR ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23692151	(360)407-6300	G2-00860CWRIS	DS	WELL	NW4SE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23696266	(360)407-6300	G2-018573CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23700449	(360)407-6300	G2-129680CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23710478	(360)407-6300	G2-019963CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23715341	(360)407-6300	G2-095712CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23734064	(360)407-6300	G2-033968CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23742164	(360)407-6300	G2-159996CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23750888	(360)407-6300	G2-000702CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23774271	(360)407-6300	G2-003012CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23807341	(360)407-6300	G2-074581CL	DG IR ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23814051	(360)407-6300	G2-142272CL	IR ST			
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23584807	(360)407-6300	S2-152296CL	IR	DUNGENESS RIVER		
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23639280	(360)407-6300	S2-152297CL	DG	DUNGENESS RIVER		
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23699353	(360)407-6300	S2-*09610CWRIS	DS	UNNAMED SPRING	NE4SE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23723354	(360)407-6300	S2-159118CL	DG IR ST	DUNGENESS RIVER		
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW	S2	23757511	(360)407-6300	S2-058591CL	IR	BELL CREEK		

		Region								
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23814179	(360)407-6300	S2-00782CWRIS	DS	BELL CREEK	SE4NE4	
T30N R3W S31	ARCHAEOLOGICAL/HISTORICAL SITE	Dept. Arch. & Hist. Preserv.	07	CA00218 -- --	(360)586-3064	07ALERT				
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23581506	(360)407-6300	G2-019221CL	DG IR ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23586539	(360)407-6300	G2-035121CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23589654	(360)407-6300	G2-020576CL	DG ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23605360	(360)407-6300	G2-104469CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23611781	(360)407-6300	G2-006489CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23614474	(360)407-6300	G2-095682CL	DG IR ST	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23624287	(360)407-6300	G2-095715CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23628559	(360)407-6300	G2-040820CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23632104	(360)407-6300	G2-038138CL	DG	DRILLED WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23639356	(360)407-6300	G2-101480CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23654151	(360)407-6300	G2-00839CWRIS	DS ST	WELL	NE4NE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23663612	(360)407-6300	G2-26194CWRIS	DS	WELL	SE4SE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23666053	(360)407-6300	G2-25118CWRIS	DS	WELL	NE4SE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23670368	(360)407-6300	G2-25632CWRIS	DS ST	WELL	SW4SE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23671019	(360)407-6300	G2-24663GWRIS	DS IR	WELL	NW4SW4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23693339	(360)407-6300	G2-011688CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23706914	(360)407-6300	G2-106221CL	DG IR			
		Ecology								

	DOE - WATER RIGHTS - GROUND	Dept-SW Region	G2	23722725	(360)407-6300	G2-127525CL	DG IR ST	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23739369	(360)407-6300	G2-045143CL	DG ST	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23756723	(360)407-6300	G2-25119CWRIS	DS	WELL	NE4SE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23757046	(360)407-6300	G2-088898CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23763828	(360)407-6300	G2-045546CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23768694	(360)407-6300	G2-123557CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23770466	(360)407-6300	G2-019454CL	DG IR			
T30N R4W S25	ARCHAEOLOGICAL/HISTORICAL SITE	Dept. Arch. & Hist. Preserv.	07	CA00520 -- --	(360)586-3064	07ALERT				
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23581254	(360)407-6300	G2-038806CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23584519	(360)407-6300	G2-162677CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23584642	(360)407-6300	G2-014977CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23585680	(360)407-6300	G2-145981CL	DG IR ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23585930	(360)407-6300	G2-110709CL	DG IR ST	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23586428	(360)407-6300	G2-113828CL	DG IR ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23586744	(360)407-6300	G2-075226CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23590880	(360)407-6300	G2-019264CL	DG ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23593928	(360)407-6300	G2-053199CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23595650	(360)407-6300	G2-008888CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23596881	(360)407-6300	G2-110199CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23600146	(360)407-6300	G2-047602CL	DG			

	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23606474	(360)407-6300	G2-077753CL	DG	DRILLED WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23606537	(360)407-6300	G2-043108CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23607548	(360)407-6300	G2-013510CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23616659	(360)407-6300	G2-021534CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23624740	(360)407-6300	G2-043052CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23626061	(360)407-6300	G2-096909CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23628147	(360)407-6300	G2-040563CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23632113	(360)407-6300	G2-049299CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23634774	(360)407-6300	G2-053839CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23635632	(360)407-6300	G2-012460CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23646337	(360)407-6300	G2-043924CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23648146	(360)407-6300	G2-057107CL	DG ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23663387	(360)407-6300	G2-21241CWRIS	DM	WELL	NE4NE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23664163	(360)407-6300	G2-24817GWRIS	DS IR	WELL	NW4NW4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23668448	(360)407-6300	G2-23856	MU	WELL 2		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23675448	(360)407-6300	G2-21728CWRIS	DM	WELL	NE4NE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23680771	(360)407-6300	G2-26196	MU	LOMA VISTA WELL	NE4NE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23681515	(360)407-6300	G2-26196	MU	LOMA VISTA WELL	NE4NE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23683614	(360)407-6300	G2-009587CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW	G2	23687455	(360)407-6300	G2-022081CL	DG			

		Region								
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23694456	(360)407-6300	G2-23856	MU	WELL 1	NE4NW4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23694924	(360)407-6300	G2-004998CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23700402	(360)407-6300	G2-096908CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23701294	(360)407-6300	G2-037600CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23702635	(360)407-6300	G2-091903CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23705268	(360)407-6300	G2-022895CL	DG ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23714409	(360)407-6300	G2-014366CL	DG ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23725621	(360)407-6300	G2-144455CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23728386	(360)407-6300	G2-113163CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23728955	(360)407-6300	G2-122507CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23730942	(360)407-6300	G2-050631CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23733408	(360)407-6300	G2-089672CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23747987	(360)407-6300	G2-161317CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23750904	(360)407-6300	G2-036840CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23751777	(360)407-6300	G2-23856	MU	WELL 3		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23751899	(360)407-6300	G2-004859CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23752765	(360)407-6300	G2-138326CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23752802	(360)407-6300	G2-057722CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23753081	(360)407-6300	G2-066671CL	DG	WELL		
		Ecology								

	DOE - WATER RIGHTS - GROUND	Dept-SW Region	G2	23753347	(360)407-6300	G2-072096CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23755207	(360)407-6300	G2-016174CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23759140	(360)407-6300	G2-25174CWRIS	DM	WELL	WRIS: LOMA VISTA SUB	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23760270	(360)407-6300	G2-015028CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23761419	(360)407-6300	G2-084589CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23761621	(360)407-6300	G2-133585CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23766286	(360)407-6300	G2-26196	MU	LOMA VISTA WELL	NE4NE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23768089	(360)407-6300	G2-110138CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23769157	(360)407-6300	G2-056917CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23772820	(360)407-6300	G2-023940CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23777489	(360)407-6300	G2-012483CL	DG IR ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23779670	(360)407-6300	G2-145979CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23784319	(360)407-6300	G2-131084CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23793195	(360)407-6300	G2-089450CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23797586	(360)407-6300	G2-052483CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23807833	(360)407-6300	G2-101966CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23808010	(360)407-6300	G2-111155CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23810612	(360)407-6300	G2-085414CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23811961	(360)407-6300	G2-010329CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23813199	(360)407-6300	G2-038157CL	DG	WELL		

	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23816906	(360)407-6300	G2-144588CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23819471	(360)407-6300	G2-037827CL	DG	WELL		
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23642693	(360)407-6300	S2-122268CL	IR ST	DUNGENESS RIVER		
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23707071	(360)407-6300	S2-162676CL	DG IR	DITCH		
T30N R4W S26	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23590612	(360)407-6300	G2-009458CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23594282	(360)407-6300	G2-029935CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23605910	(360)407-6300	G2-026305CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23608218	(360)407-6300	G2-027427CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23610564	(360)407-6300	G2-050405CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23611906	(360)407-6300	G2-021144CL	DG IR ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23615810	(360)407-6300	G2-042365CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23616290	(360)407-6300	G2-000624CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23618198	(360)407-6300	G2-048091CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23619265	(360)407-6300	G2-035595CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23620466	(360)407-6300	G2-006588CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23621516	(360)407-6300	G2-161994CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23624181	(360)407-6300	G2-011149CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23629801	(360)407-6300	G2-084402CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23630034	(360)407-6300	G2-060573CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW	G2	23631555	(360)407-6300	G2-131040CL	DG	WELL		

		Region								
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23632404	(360)407-6300	G2-005068CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23635051	(360)407-6300	G2-049320CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23636129	(360)407-6300	G2-040641CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23638006	(360)407-6300	G2-016512CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23641122	(360)407-6300	G2-052577CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23643002	(360)407-6300	G2-104328CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23643063	(360)407-6300	G2-040663CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23651155	(360)407-6300	G2-009947CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23669487	(360)407-6300	G2-*11016CWRIS	DS	WELL	SW4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23693516	(360)407-6300	G2-040664CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23719310	(360)407-6300	G2-016481CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23727749	(360)407-6300	G2-023155CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23729671	(360)407-6300	G2-150261CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23736358	(360)407-6300	G2-*00294CWRIS	DM	WELL	SE4SE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23740906	(360)407-6300	G2-016407CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23740939	(360)407-6300	G2-072504CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23748222	(360)407-6300	G2-CV1-2P53	DM	WELL	SE4SE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23777150	(360)407-6300	G2-28720	DM	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23777791	(360)407-6300	G2-049663CL	DG	WELL		
		Ecology								

	DOE - WATER RIGHTS - GROUND	Dept-SW Region	G2	23779050	(360)407-6300	G2-024239CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23779070	(360)407-6300	G2-036987CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23779921	(360)407-6300	G2-050406CL	IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23784001	(360)407-6300	G2-00175CWRIS	DM	EWELL	WRIS: L11 BL-C DUNGENESS M	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23784520	(360)407-6300	G2-019355CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23784600	(360)407-6300	G2-095716CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23793438	(360)407-6300	G2-*11016CWRIS	DS	WELL	SE4SW4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23799786	(360)407-6300	G2-002121CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23804153	(360)407-6300	G2-007610CL	NR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23812913	(360)407-6300	G2-20412CWRIS	DS	WELL	WRIS: N2 S2 NW4 SW4 SE4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23820547	(360)407-6300	G2-043075CL	DG			
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23582782	(360)407-6300	S2-SWC220@6	IF	DUNGENESS RIVER	NE4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23608851	(360)407-6300	S2-002372CL	DG IR			
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23628234	(360)407-6300	S2-016164CL	IR			
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23636905	(360)407-6300	S2-070231CL	DG ST	SPRING		
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23664269	(360)407-6300	S2-*17239J	DG IR ST	DUNGENESS RIVER	NE4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23666669	(360)407-6300	S2-*21703CWRIS	DS IR	BEAR CREEK	SW4SE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23667033	(360)407-6300	S2-*17227JWRIS	IR	DUNGENESS RIVER	NW4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23667947	(360)407-6300	S2-*17238J	DG IR ST	DUNGENESS RIVER	NW4SE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23669675	(360)407-6300	S2-*17234JWRIS	DG IR ST	DUNGENESS RIVER	SW4NE4	

	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23677173	(360)407-6300	S2-SWC239J@5	IF	DUNGENESS RIVER	NE4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23678251	(360)407-6300	S2-SWC220J@5	IF	DUNGENESS RIVER	NE4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23679221	(360)407-6300	S2-SWC224J@4	IF	DUNGENESS RIVER	SW4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23681061	(360)407-6300	S2-SWC238@6	DG IR ST	DUNGENESS RIVER	SW4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23687142	(360)407-6300	S2-20475CWRIS	DS	BEAR CREEK	SW4SE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23717671	(360)407-6300	S2-SWC220J@7	DG IR ST	DUNGENESS RIVER	NE4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23724212	(360)407-6300	S2-*17224J	DG IR ST	DUNGENESS RIVER	SW4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23729317	(360)407-6300	S2-*11342CWRIS	DS IR	UNNAMED SPRING	SW4SE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23734475	(360)407-6300	S2-021145CL	IR			
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23770651	(360)407-6300	S2-CV1-2P98	IR	DUNGENESS RIVER	NW4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23774713	(360)407-6300	S2-*17220J	DG IR ST	DUNGENESS RIVER	NE4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23783669	(360)407-6300	S2-26120CWRIS	FS	MUNNAMED STREAM	WRIS: L-27 BL-D DUNGENESS	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23805939	(360)407-6300	S2-CV2P516	DG IR ST	DUNGENESS RIVER	NW4SE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23813565	(360)407-6300	S2-CV1-2P99	DG IR ST	DUNGENESS RIVER	NW4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23813769	(360)407-6300	S2-01129CWRIS	WL	UNNAMED SPRING	NE4SW4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23815900	(360)407-6300	S2-SWC234@5	IF	DUNGENESS RIVER	SW4NE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23817211	(360)407-6300	S2-*16713CWRIS	IR	UNNAMED STREAM	NE4SW4	
T30N R4W S35	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	033171	CALL REGION	USA DOE - BONNE	50 - R/W Granted Land			
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	033717	CALL REGION	USA DOE - BONNE	50 - R/W Granted Land			
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	044238	CALL REGION	MARSHALL K BURF	50 - R/W Granted Land			
	RIGHT OF WAY--STATE	DNR			CALL	USA DOE -	50 - R/W			

	UPLAND	Region Office	50	0F1459	REGION	BONNE	Granted Land			
	RIGHT OF WAY--STATE UPLAND	DNR Region Office	50	CR3201	CALL REGION	CLALLAM COUNTY	50 - R/W Granted Land			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23606535	(360)407-6300	G2-082120CL	DG ST			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23607862	(360)407-6300	G2-017027CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23632730	(360)407-6300	G2-082089CL	DG	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23633524	(360)407-6300	G2-005687CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23647926	(360)407-6300	G2-071512CL	DG	A WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23664928	(360)407-6300	G2-22243CWRIS	DS FR IR	WELL	SE4SW4	
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23687506	(360)407-6300	G2-080789CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23689321	(360)407-6300	G2-058645CL	DG IR	WELL		
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23696306	(360)407-6300	G2-021373CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23722156	(360)407-6300	G2-082298CL	DG			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23784733	(360)407-6300	G2-005436CL	DG IR			
	DOE - WATER RIGHTS - GROUND	Ecology Dept-SW Region	G2	23803366	(360)407-6300	G2-019834CL	DG			
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23652582	(360)407-6300	S2-*18523CWRIS	IR ST	JOHNSON CREEK	NE4NW4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23660597	(360)407-6300	S2-20310CWRIS	DS	UNNAMED SPRING	NW4NW4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23688805	(360)407-6300	S2-*17232JWRIS	DG IR ST	DUNGENESS RIVER	NE4SE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23740554	(360)407-6300	S2-SWC232J	DG IR ST	DUNGENESS RIVER	NE4SE4	
	DOE - WATER RIGHTS - SURFACE	Ecology Dept-SW Region	S2	23776056	(360)407-6300	S2-010445CL	DG			

Special Concerns by FMU

FMU Name	RMU ID	Type Of Concern	Concern ID	Name / Description
HAPPY		DFW:		

CAT U1	85216	Species/Habitat of Concern	63453	Code: HALE Name: Bald eagle
				State Stat: Sensitive Fed Stat: Fed Spp Concern
				Date: 2005-04-08 00:00:00 Verification: Verified
				Use: Nest
				BALD EAGLE NEST IN LIVE GRAND FIR WITH WHISPY TOP, 5 FT DOWN FROM TOP. NEST TREE AT EDGE OF CONIFER STAND ABOUT 150 FT S. OF POWERLINES AND 50 FT S. OF ROAD. TREE HEIGHT ABOUT 100 FT.
			63454	Code: HALE Name: Bald eagle
				State Stat: Sensitive Fed Stat: Fed Spp Concern
				Date: 2005-04-08 00:00:00 Verification: Verified
				Use: Nest
				BALD EAGLE NEST IN LIVE GRAND FIR WITH NEST AT TOP. NEST TREE AT EDGE OF CONIFER STAND ABOUT 75 FT E. OF NEST #1. TREE HEIGHT ABOUT 100 FT.
			901076	Code: HIHI Name: Harlequin Duck
				Use: Breeding Occurrence
				HARLEQUIN DUCKS OBSERVED DURING BREEDING SEASON
		Owl Circle	962	Within 1.8 (E. of I5) or 2.7 (W. of I5) Miles of Owl site
				Status: Two birds, pair status unknown

- Sensitive information, agency distribution only - do not release to the public. - This report contains most of the information available from the DNR TRAX, database. To view ALL Traxs info please use the CICS mainframe NR56 command. It is important to always ground verify and contact the appropriate agency if errors or new sites are found.

Debug this page.

WASHINGTON STATE DEPARTMENT OF Natural Resources

TIMBER NOTICE OF SALE

SALE NAME: HAPPY CAT ***AGREEMENT NO: 30-090791***

AUCTION: January 28, 2015 starting at 10:00 a.m., Olympic Region Office, Forks, WA **COUNTY:** Clallam

SALE LOCATION: Sale located approximately 2 miles southwest of Sequim, WA

PRODUCTS SOLD AND SALE AREA: All timber, except trees marked with a ring of blue paint or bounded out by Leave Tree Area tags, bounded by Timber Sale Boundary tags, River Road, and a logged area in Unit 1;

All timber, except trees marked with a ring of blue paint or bounded out by Leave Tree Area tags, bounded by Timber Sale Boundary tags, a logged area, and power line right-of-way in Unit 2;

All timber, except trees marked with a ring of blue paint or bounded out by Leave Tree Area Tags, bounded by Timber Sale Boundary Tags, power line right-of-way, and River Road in Unit 3;

All timber, except trees marked with a ring of blue paint or bounded out by Leave Tree Area Tags, bounded by Timber Sale Boundary Tags and a logged area in Unit 4; and

All timber bounded by Right-of-Way Boundary tags.

In no instance shall downed Red Cedar be removed from the sale area unless it has fine branches and needles. All timber that has been on the ground for 5 years or more shall be left undisturbed and not yarded. Five years is defined by more than 1.5 inches of sap rot; on part(s) of Section 29 all in Township 30 North, Range 2 West, Section 36 all in Township 30 North, Range 4 West, W.M., containing 149 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572)

ESTIMATED SALE VOLUMES AND QUALITY:

Species	Avg DBH	Ring Count	Total MBF	MBF by Grade 1P	2P	3P	SM	1S	2S	3S	4S	UT
Douglas fir	14.2	8	2,231				53		634	1,125	375	44
Red cedar	13.5		768							508	260	
Maple	11.7		113						33	40	8	32
Grand fir	12.3		53						39		14	
Red alder	20		21						18	2	1	
Cottonwood	32		12					8	4			
Sale Total			3,198									

MINIMUM BID: $1,264,000.00 **BID METHOD:** Sealed Bids

PERFORMANCE SECURITY: $100,000.00 **SALE TYPE:** Lump Sum

EXPIRATION DATE: October 31, 2016 **ALLOCATION:** Export Restricted

TIMBER NOTICE OF SALE

BID DEPOSIT: $126,400.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: 100% Ground - Rubber-tired skidders are restricted from October 1 to June 30 unless authorized in writing by the Contract Administrator. Falling and yarding will not be permitted from 8:00 PM to 6:00 AM or on weekends or State-recognized holidays unless authorized in writing by the Contract Administrator.

ROADS: 49.83 stations of required construction. 12.65 stations of required reconstruction. 27.99 stations of optional construction. 30.80 stations of required road maintenance. 197.90 stations of optional road maintenance. There will be no road construction, reconstruction, or maintenance on weekends, State-recognized holidays or from November 1 to April 30. In addition, there will be no road construction, reconstruction, or maintenance from 8:00 PM to 6:00 AM in Units 1, 2, and 3 without approval from the Contract Administrator.

Due to Marbled Murrelet timing restrictions, on the following roads, any road work, right-of-way timber falling and yarding, rock pit operations, or operation of heavy equipment is not permitted from one hour before official sunrise to two hours after official sunrise, and from one hour before official sunset to one hour after official sunset from April 1 through August 31: PT-B-1020, PT-B-1000, and Woods Road Stations 0+00 through 13+20 and station 96+00 through 133+20. This timing restriction does not apply to the hauling of timber, rock, or equipment.

ACREAGE DETERMINATION

CRUISE METHOD: Sale acreage was determined 100% by GPS. Right of way acreage was determined by laser/compass. Sale was cruised using a variable plot sample.

FEES: $56,765.00 is due on day of sale. $9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: Approximately 440 MBF of Douglas Fir is considered high quality. There are some Red Cedar poles scattered throughout the units, mostly distribution size.

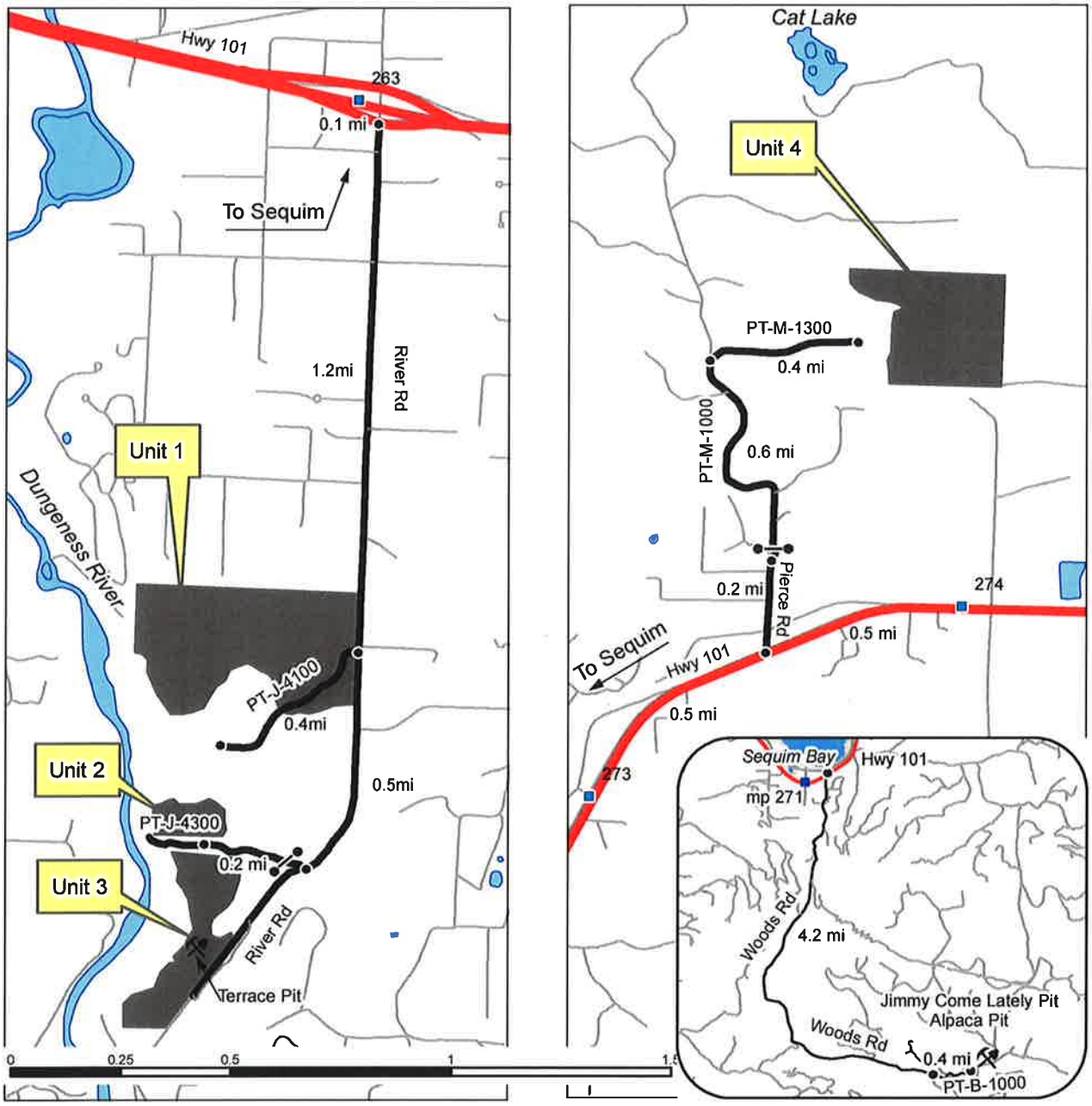
Purchaser may remove biomass within 100 feet of roads and landings within the sale area.

There are double tank traps on the PT-J-4100. There are gates on the PT-J-4300, PT-M-1000, and the PT-B-1020 (Jimmy Come Lately Pit). Contact the Olympic Region Dispatch Center at 360-374-2800 to obtain an AA1 Key.

DRIVING MAP

SALE NAME: Happy Cat
AGREEMENT#: 30-090791
TOWNSHIP(S): T30N R04W and R02W, W.M.
TRUST(S): Common School, State Forest Board Transfer

REGION: Olympic
COUNTY(S): Clallam
ELEVATION RGE: 200'-440'



- Timber Sale Unit
- Open Water
- Highways
- Haul Route
- Other Route
- Milepost Markers
- Distance Indicator
- Rock Pit
- Gate

Driving Directions

Unit 1:
From milepost 263 on Hwy 101 travel 0.1 miles east and turn right on to River Rd. Follow River Rd south for 1.2 miles. Unit 1 is located to the west of River Rd.

Units 2 & 3:
From milepost 263 on Hwy 101 travel 0.1 miles east and turn right on to River Rd. Follow River Rd south for 1.7 miles. Turn right heading west onto the PT-J-4300. Follow the PT-J-4300 for 0.2 miles. Unit 2 is located north of the road. Unit 3 is located south of the road.

Unit 4: From milepost 273 on Hwy 101 travel 0.5 miles east and turn left onto Pierce Rd. Follow Pierce Rd north for 0.2 miles. Make a slight right turn onto the PT-M-1000 heading north. Follow the PT-M-1000 for 0.6 miles. Turn right heading east onto the PT-M-1300. Follow the PT-M-1300 for 0.4 miles. Unit 4 is located 422 feet east of the road.

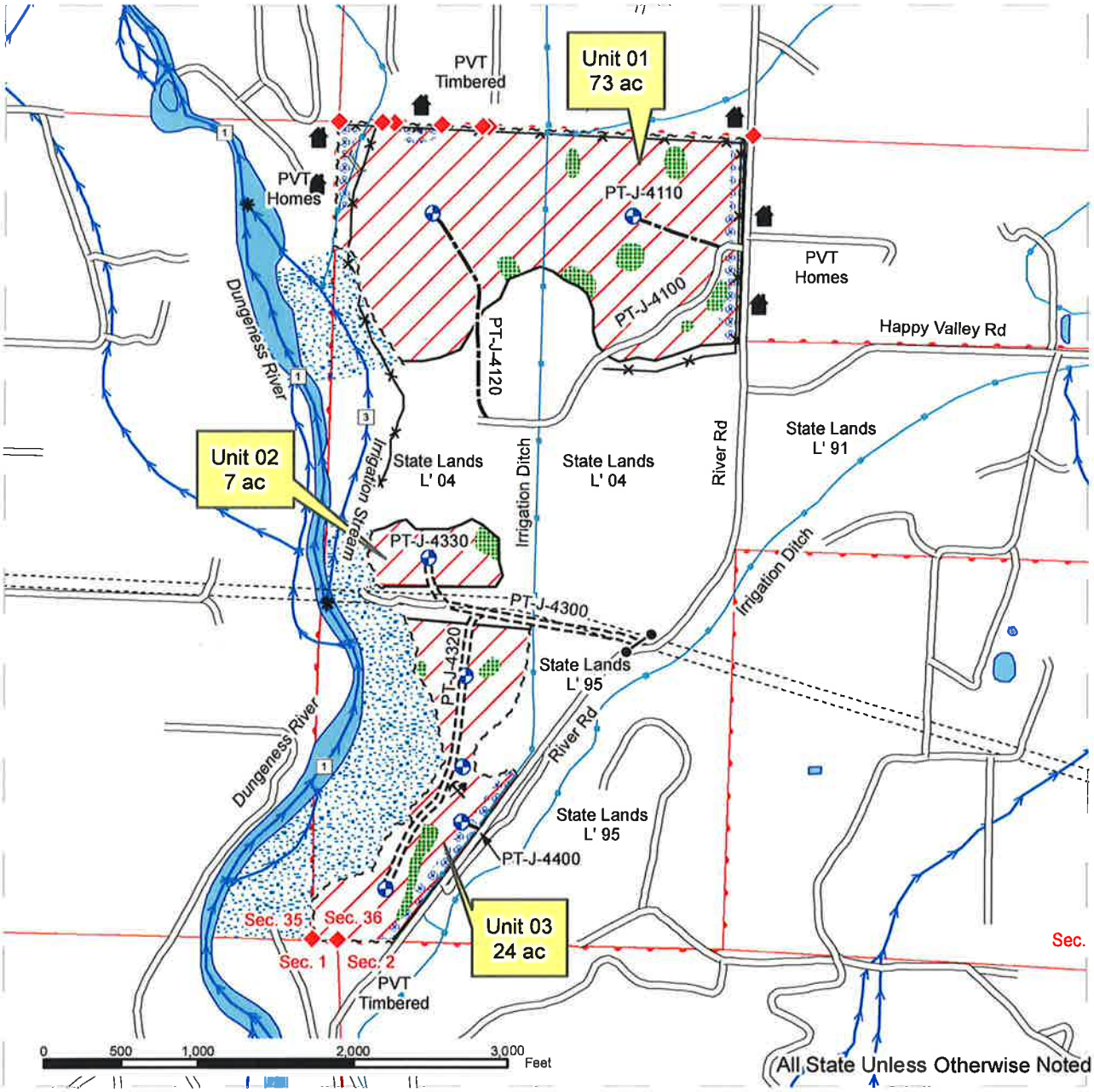
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Prepared By: jbrn490 Creation Date: 11/20/2013 Modification Date: 06/24/2014

TIMBER SALE MAP

SALE NAME: Happy Cat
AGREEMENT#: 30-090791
TOWNSHIP(S): T30N R04W, W.M.
TRUST(S): State Forest Board Transfer (01), Common School (03)

REGION: Olympic
COUNTY(S): Clallam
ELEVATION RGE: 400-440



Sale Area
- Timber Sale Boundary (No Tags)
- Timber Sale Boundary Tags
- Right of Way Tags

Harvest System
- Ground
- Riparian Mgmt. Zone (RMZ)
- Leave Tree Area

Road Construction Types
- Existing Road
- Optional Construction
- Required Reconstruction
- Required Construction

- Irrigation Ditch
- Streams
- Stream Type
- Stream Type Break
- DNR Managed Lands
- Monumented Corner
- Hazard Abatement

- Rural Residence
- Proposed Rock Pit
- Gate
- Fence
- BPA Transmission Lines
- Proposed Landing
- Designated Crossing

N

Prepared By: jbm490

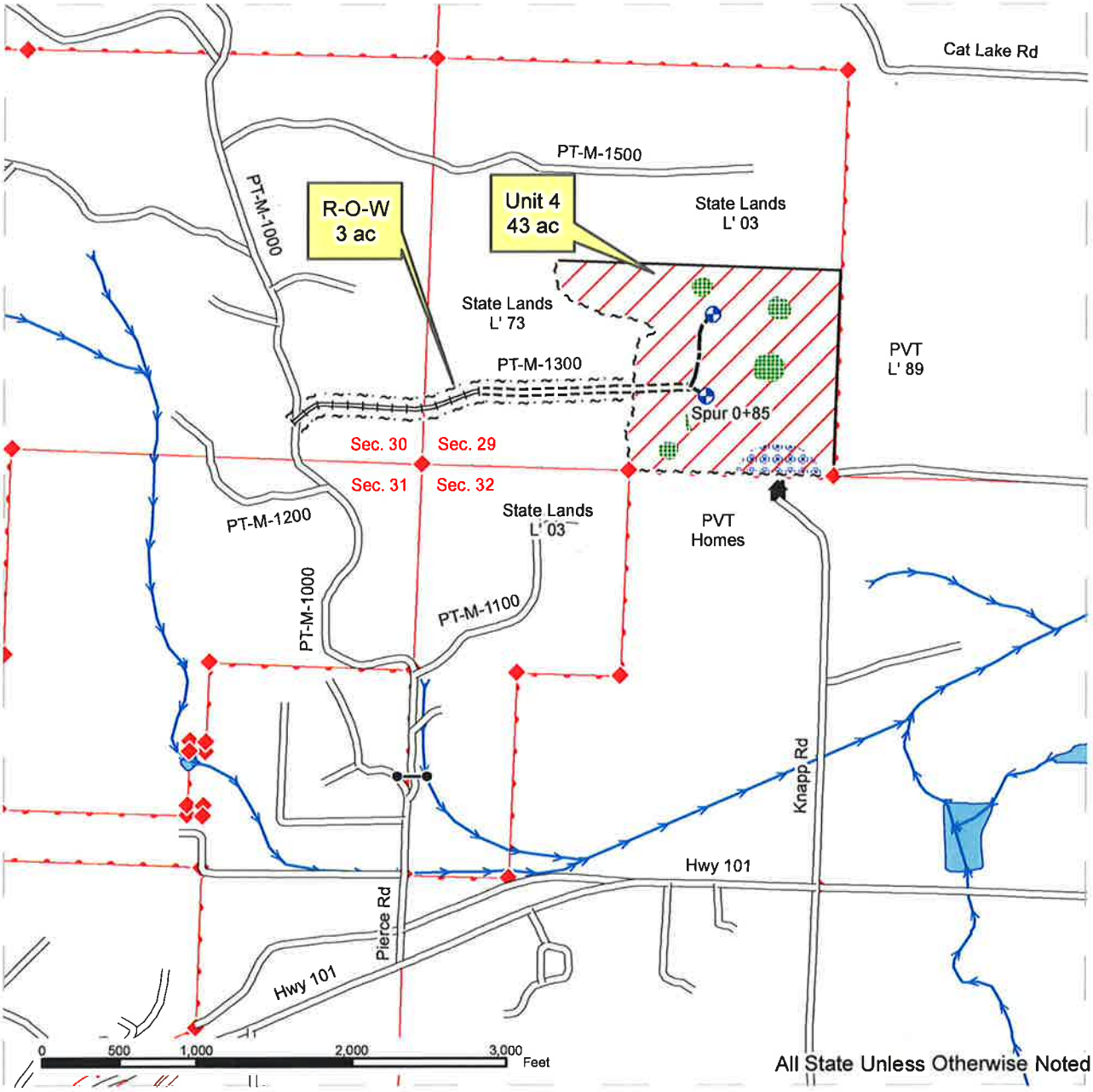
Creation Date: 10/02/2013

Modification Date: 06/26/2014

TIMBER SALE MAP

SALE NAME: Happy Cat
AGREEMENT#: 30-090791
TOWNSHIP(S): T30N R02W, W.M.
TRUST(S): State Forest Board Transfer (01), Common School (03)

REGION: Olympic
COUNTY(S): Clallam
ELEVATION RGE: 200-380



Sale Area
- Timber Sale Boundary (No Tags)
- Timber Sale Boundary Tags
- Right of Way Tags

Harvest System
- Ground
- Riparian Mgmt. Zone (RMZ)
- Leave Tree Area

Road Construction Types
- Existing Road
- Optional Construction
- Required Reconstruction
- Required Construction

- Irrigation Ditch
- Streams
- Stream Type
- Stream Type Break
- DNR Managed Lands
- Monumented Corner
- Hazard Abatement

- Rural Residence
- Proposed Rock Pit
- Gate
- Fence
- BPA Transmission Lines
- Proposed Landing
- Designated Crossing

N

Prepared By: jbrn490

Creation Date: 10/02/2013

Modification Date: 09/08/2014

STATE FOREST LAND

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

***Instructions for applicants*:**

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

Questions in italics are supplemental to Ecology's standard environmental checklist. They have been added by the DNR to assist in the review of state forest land proposals. Adjacency and landscape/ watershed-administrative-unit (WAU) maps for this proposal are available on the DNR internet website at http://www.dnr.wa.gov under "SEPA Center." These maps may also be reviewed at the DNR regional office responsible for the proposal. This checklist is to be used for SEPA evaluation of state forest land activities.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. BACKGROUND

1. Name of proposed project, if applicable:

   Timber Sale Name: Happy Cat *Agreement #* 30-090791

2. Name of applicant: Washington State Dept. of Natural Resources

3. Address and phone number of applicant and contact person: Mark Benner
411 Tillicum Lane,
Forks ,WA 98331
Phone: (360) 374-2800

4. Date checklist prepared: 06/23/2014

5. Agency requesting checklist: Washington State Dept. of Natural Resources

6. Proposed timing or schedule (including phasing, if applicable):

   a. *Auction Date:* 12/17/2014
   b. *Planned contract end date (but may be extended):* 10/31/2016
   c. *Phasing:* None

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

Timber Sale:

   a. *Site preparation:* Slash piling and burning or chipping of landing debris, application of ground herbicide.
   b. *Regeneration Method:* Hand plant 150 acres
   c. *Vegetation Management:* Herbicide and/or mechanical treatments possible
   d. *Thinning:* Pre-commercial thinning and commercial thinning possible.

Roads: Road maintenance will include: road grading, re-establishment of ditches, necessary cleaning of inlets and outlets of culverts, and the repair or replacement of culverts (if applicable). Roads used or built will be utilized for future management activities.

Rock Pits and/or Sale: Rock pits used for this proposal may be expanded in the future for other timber sale proposals.

Other: Future forest management activities are anticipated to continue within the Dungeness Valley and Discovery Bay WAUs. Potential activities may include but are not limited to firewood salvage, hardwood slashing, pre-commercial thinning, commercial thinning, and variable retention harvest. These future activities are connected with this proposal insofar as they will occur in close proximity to the sale area, and the roads constructed or reconstructed under this proposal may be used to perform the required work. All future activities will be consistent with the State's Habitat Conservation Plan (HCP), and applicable policy and planning documents.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

☐*303 (d) – listed water body in WAU:* ☐*temp* ☐*sediment* ☐*completed TMDL (total maximum daily load):*
☐*Landscape plan:*
☐*Watershed analysis:*
☐*Interdisciplinary team (ID Team) report:*
☒*Road design plan:7/21/14*
☐*Wildlife report:*
☐*Geotechnical report:*
☒*Other specialist report(s):* Cultural Resource Site Management Plans
☐*Memorandum of understanding (sportsmen's groups, neighborhood associations, tribes, etc.):*
☒*Rock pit plan:*
☒*Other:* State Soil Survey, Habitat Conservation Plan dated Sept. 1997, Policy for Sustainable Forests dated July 2006, Planning and Tracking Special Concerns, Trax Reports, Water Type Modification Forms, WAU Reports, The listed documents are available for review at the Olympic Region Office in Forks, WA.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No

10. List any government approvals or permits that will be needed for your proposal, if known.

☐*HPA* ☐*Burning permit* ☐*Shoreline permit* ☒*Incidental take permit* ☒*FPA* ☒*Other:* Board of Natural Resources approval

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

a. Complete proposal description:

The Happy Cat timber sale is a variable retention harvest (VRH) with associated right of way composed of 4 units located in the Dungeness Valley and Discovery Bay WAUs. Initially, 204 proposal acres were evaluated for potential harvest. Activity objectives resulted in the following area designations for logistical, environmental, or resource protection reasons: 6 acres of leave tree areas to benefit wildlife and reduce aesthetic impacts, 47 acres of Riparian Management Zone (RMZ) protection, and 1 acre of roaded area. Of the initial gross proposal acreage (26%) has been dedicated to resource protection, and will help minimize and mitigate for potential impacts to these resources.

A variable retention harvest prescription will be applied on 4 units, and associated right of way will be cut for a total of 150 net harvestable acres. This includes deductions for roaded areas, RMZ protection, and leave tree areas within traversed unit boundaries. The proposed sale is to be harvested by a ground based harvest system with timing and equipment restrictions (see answer to question B. 1. h).

Sale of Timber:	Happy Cat
Estimated Volume:	3417 mbf
Initial Proposal Area in Acres:	204
Gross Traversed acres:	157
Net Sale Area in Acres:	150
Unit 1:	73
Unit 2:	7
Unit 3:	24
Unit 4:	43
Right-of-way:	3
Total:	150
Type of Harvest:	Variable retention harvest, right-of-way clearing
Logging System:	Ground based methods
Landings: Number	9

Ballast and surface rock for road building material is expected to come from a State Lands borrow pit, reserve stockpile, and commercial source. New pit development has been proposed for the Terrace Pit located in Sec. 36 T30N R04W, W.M. Existing stockpile is planned to be utilized from the Alpaca Pit and Jimmy Come Lately Pit (Sec. 20 & 29 T29N R02W, W.M.).

b. Timber stand description pre-harvest (include major timber species and origin date), type of harvest, overall unit objectives.

Units 1, 2, 3 and 4 will consist of a variable retention harvest. Elevation ranges from 400 to 440 feet in Units 1 through 3, and 200 to 380 feet in Unit 4. Timbered land within the proposal area lies within the *Tsuga heterophylla / Gaultheria shallon* forested plant association. Tree species within the units comprise Douglas fir, western red cedar, and western hemlock. The four units consist of second growth Douglas fir with patches of western red cedar scattered throughout the stand. The units contain timber of two distinct age groups. Unit 1 contains a 59 year old and a 97 year old timber stand. Units 2 and 3 are 59 years old. Unit 4 is 97 years of age. Quadratic mean diameter is 12.1 inches. Top tree height ranges between 85 and 115 feet. Douglas fir and western red cedar dominate the overstory canopy layer with western hemlock assuming the role of a co-dominant species. Plant vegetation is dominated by Oregon grape, salal, ocean spray, and rose hip.

Activity objectives for this proposal are multifaceted. The timber sale will provide revenue to the trust beneficiaries while protecting ecological values. This includes designing a regeneration harvest that will: maintain trees of unique structural characteristics such as large diameter conifer with big limbs, or defects such as broken and/or multi-tops, protect soil productivity, protect Type 1 and Type 3 waters in order to maintain water quality and fish habitat, provide for visual mitigation, protect cultural resources, and develop a road system that will most efficiently serve management needs while minimizing long term road impacts. Care has also been taken to protect improvements such as existing roads, utilities near the timber sale area, and irrigation infrastructure for neighboring farmland.

c. Road activity summary. See also forest practice application (FPA) for maps and more details.

Type of Activity	How Many	Length (feet) (Estimated)	Acres (Estimated)	Fish Barrier Removals (#)
Construction		7782	2.7	0
Reconstruction		1,265		0
Abandonment		0	0	0
Bridge Install/Replace	0			0
Culvert Install/Replace (fish)	0			0
Culvert Install/Replace (no fish)	21			

**Acreage based on a 15 foot subgrade.*

*** Ditch re-establishment, and ditch and culvert clean out are included with pre-haul maintenance. Pre-haul maintenance consists of 22,870 feet.*

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

a. Legal description: W ½ SW ¼ Sec. 36 T30N R04 W, W.M.
NW ¼ Sec. 36 T30N R04W, W.M.
S ½ SW ¼ Sec. 29 T30N R02 W, W.M.

b. Distance and direction from nearest town (include road names):

Unit 1:
From milepost 263 on Hwy 101 travel 0.1 miles east and turn right on to River Rd. Follow River Rd south for 1.2 miles. Unit 1 is located to the west of River Rd.

Units 2 & 3:
From milepost 263 on Hwy 101 travel 0.1 miles east and turn right on to River Rd. Follow River Rd south for 1.7 miles. Turn right heading west onto the PT-J-4300. Follow the PT-J-4300 for 0.2 miles. Unit 2 is located north of the road. Unit 3 is located south of the road.

Unit 4: From milepost 273 on Hwy 101 travel 0.5 miles east and turn left onto Pierce Rd. Follow Pierce Rd north for 0.2 miles. Make a slight right turn onto the PT-M-1000 heading north. Follow the PT-M-1000 for 0.6 miles. Turn right heading east onto the PT-M-1300. Follow the PT-M-1300 for 0.4 miles. Unit 4 is located 422 feet east of the road.

c. Identify the watershed administrative unit (WAU), the WAU Sub-basin(s), and acres. (See also landscape/WAU map on DNR website: http://www.dnr.wa.gov/ResearchScience/sepa/Pages/Home.aspx under the topic "Current SEPA Project Actions – Timber Sales" for a broader landscape perspective.

WAU Name	WAU Acres	Proposal Acres
DISCOVERY BAY	52675	46
DUNGENESS VALLEY	44414	104

13. Discuss any known future activities not associated with this proposal that may result in a cumulative change in the environment when combined with the past and current proposal(s). (See digital ortho-photos for WAU and adjacency maps on DNR website http://www.dnr.wa.gov under "SEPA Center for a broader landscape perspective.)

The proposal is located in the Discovery Bay WAU and Dungeness Valley WAU of the Quilcene-Snow WRIA and Elwa-Dungeness WIRIA, respectively. Within the Discovery Bay WAU, the DNR currently manages 9,327 acres, while mixed ownership totals 43,348 acres (see table 13.1). The Dungeness Valley WAU contains 5,410 acres of DNR managed land with mixed ownership totaling 39,004 acres (see table 13.2). The surrounding landscape is that of W.A. State DNR Trust Lands, Olympic National Forest, large privately owned forest land, and small privately owned parcels. Federal land makes up 20% of the Discovery Bay and Dungeness Valley WAUs. Federal lands within the WAU will be managed in accordance with the Northwest Forest Plan. Redistribution of state land relative to the WAUs may change over time as smaller, isolated parcels may be traded to accomplish long-term management objectives. Management activities on DNR lands within the WAU will continue, but are unlikely to cause cumulative changes to the environment because harvests are distributed throughout the WAU and will continue to be managed as forestland.

Planned harvest strategies within the next seven years on DNR lands within both WAUs include:

- Center 16 Commercial Thinning - 727 acres (3635 mbf)
- Dream On Commercial Thinning – 164 acres (832 mbf)
- Cassivant VRH – 158 acres (3105 mbf)
- Upper Canyon Creek VRH – 95 acres (3895 mbf)
- Blyn Repeater VRH – 74 acres (2491 mbf)

*No data is available for future timber harvests on non-DNR land.

For a more in-depth description of timber types, timber ages, and landscape features in the vicinity of the proposal area see answer B.4.b.1.

Tables 13.1 **Table 13.2**

Discovery Bay WAU Ownership		
Land Owner	**Acres**	**% of WAU**
DNR	9327	17.7
Federal	10114	19.2
Other State (Non-DNR)	2518	4.8
Other Land (Private and Public)	30716	58.3

Dungeness Valley WAU Ownership		
Land Owner	**Acres**	**% of WAU**
DNR	5410	12.2
Federal	9474	21.3
Other State (Non-DNR)	264	0.6
Other Land (Private and Public)	29266	65.9

*Tables assembled from the DNR General Information Report, Discovery Bay WAU (#170202), Dungeness Valley WAU (#180103),

Future timber management of DNR State Lands is planned within the Discovery Bay and Dungeness Valley WAU. The annual rates and percentages of past harvests for DNR State Lands and other ownership within the WAUs are shown below (see tables 13.3-13.6).

Table 13.3 Discovery Bay WAU

Discovery Bay WAU	WAU Acres	Acres Of Even-Aged Harvest Within The Last Seven Years	Acres of Uneven-Aged Harvest Within The Last Seven Years	Average Annual Rate of Even-Aged Harvest
DNR Managed Forest Lands	9,372	334	59	0.5%
Non-DNR Lands	43,348	1,027	353	0.3%
Total	52,675	1,361	412	0.4%

Table compiled from approved Forest Practice Applications for the Discovery Bay WAU, and State Lands records.

Table 13.4 Dungeness Valley WAU

Dungeness Valley WAU	WAU Acres	Acres Of Even-Aged Harvest Within The Last Seven Years	Acres of Uneven-Aged Harvest Within The Last Seven Years	Average Annual Rate of Even-Aged Harvest
DNR Managed Forest Land	5,410	174	0	0.4%
Non-DNR Lands	39,004	30	164	0%
Total	44,414	46	164	0%

Table compiled from approved Forest Practice Applications for the Dungeness Valley WAU, and State Lands records.

Table 13.5 Discovery Bay WAU

Discovery Bay WAU	Acres of Even-Aged Harvest per Year	Percent of Total Even-Aged Harvest per Year
DNR	47.7	25%
Non-DNR	146.7	75%
Total	194.4	100%

Table compiled from approved Forest Practice Applications for the Discovery Bay WAU, and State Lands records.

Table 13.6 Dungeness Valley WAU

Dungeness Valley WAU	Acres of Even-Aged Harvest Per Year	Percent of Total Even-Aged Harvest per Year
DNR	24.9	85%
Non-DNR	4.3	15%
Total	29.2	100%

Table compiled from approved Forest Practice Applications for the Dungeness Valley WAU, and State Lands records.

All current and future activities will be conducted according to the State's HCP, Policy for Sustainable Forests, State Forest Practice Rules, and other planning documents, and are expected to mitigate for any potential adverse cumulative effects. Several measures have been taken to reduce the risk of negative environmental impacts. The proposal has realized a 23% reduction in intensively managed acreage for the protection of streams, and associated RMZs. The construction of leave tree areas has created an additional 3% reduction in intensively managed acres. Dispersed and clumped leave trees have been left to provide structure for many wildlife species to use, and reduce the visual impacts of the harvest. The density of leave trees will average 8 trees per acre in all variable retention timber sale units. Snags and large downed woody debris will be left on site. A small percent of the original proposal acreage has been discounted because it is in existing road right-of-way. Road network planning and road design have been performed in order to minimize the amount of road construction needed, and to guarantee the quality of existing and newly constructed roads. Timing restrictions on road construction will help to maintain the integrity of existing roads, and reduce the potential for off-site movement of sediments. Ground yarding may be suspended during periods of severe wet soil conditions when rutting of skid roads begins. The Planning and Tracking Special Concerns Report and Forest Practice TRAX database has been checked against the possibility of threatened and endangered species on or near the proposal area. Geographical Information System (G.I.S.) based landscape reports have been analyzed to verify the proposal is not in a rain-on-snow zone.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site
(circle one): Flat, rolling, hilly, steep slopes, mountainous,
other ___Flat_____

1) General description of the WAU or sub-basin(s)(landforms, climate, elevations, and forest vegetation zone).

The Discovery Bay WAU consists of 52,675 acres, of which 18% are DNR managed lands. Topography of the area ranges between gently rolling and hilly in the lower reaches of the WAU near Discovery Bay, to mountainous near the upper reaches of the WAU where steep slopes can be encountered. The minimum elevation in the WAU is 0 feet sea level on the tidal flats of Discovery Bay. Maximum elevation reaches 4,250 feet along the defining ridgelines of the WAU. The climate of the area is characterized by maritime temperate influences where minimum precipitation averages 15 inches per year, and maximum precipitation reaches 45 inches per year. The weighted average precipitation for the WAU is 28 inches per year. The lowland zone occupies 33,063 acres of land. The rain dominated zone holds 12,227 acres of land. The snow dominated zone engages 220 acres, and the peak rain-on-snow zone occupies 5,885 acres of land. The majority of the WAU is dominated by the *Tsuga heterophylla / Gaultheria shallon* and the *Tsuga heterophylla / Polystichum munitum* forested plant associations. Major tree species include: Douglas fir, western red cedar, western hemlock, and red alder. Understory species are dominated by indicator plants such as sword fern, and salal.

The Dungeness Valley WAU consists of 44,414 acres, of which 12% are DNR managed lands. Topography of the area ranges between flat and gently rolling farmland in the lower reaches of the WAU around Happy Valley and Sequim Prairie, to hilly near the upper reaches of the WAU where a large amount of commercial forest resides. Minimum elevation in the WAU is 0 feet sea level on the tidal flats near Dungeness Spit. Maximum elevation reaches 5,976 feet along the defining ridges of the WAU. The climate of the area is characterized by maritime temperate influences where minimum precipitation averages 10 inches per year, and maximum precipitation reaches 50 inches per year. The weighted average precipitation for the WAU is 24 inches per year. The lowland zone occupies 26,795acres of land. The highland zone possesses 158 acres. The rain dominated zone holds 10,363 acres of land. The snow dominated zone engages 732 acres, and the peak rain-on-snow zone occupies 5,626 acres of land. The majority of the WAU is dominated by the *Tsuga heterophylla / Gaultheria shallon* and the *Tsuga heterophylla / Polystichum munitum* forested plant associations. Major tree species include: Douglas fir, western red cedar, western hemlock, and red alder. Understory species are dominated by indicator plants such as sword fern and salal.

2) Identify any difference between the proposal location and the general description of the WAU or sub-basin(s).

The timber sale proposal is located in the lowland areas of both the Dungeness Valley and Discovery Bay WAUs.

b. What is the steepest slope on the site (approximate percent slope)?

The steepest slope within the proposed timber sale is a short pitch of 56% in Unit 3.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Note: The following table is created from state soil survey data. It is a roll-up of general soils information for the soils found in the entire sale area. It is only one of several site assessment tools used in conjunction with actual site inspections for slope stability concerns or erosion potential. It can help indicate potential for shallow, rapid soil movement, but often does not represent deeper soil sub-strata. The actual soils conditions in the sale area may vary considerably based on land-form shapes, presence of erosive situations, and other factors. The state soil survey is a compilation of various surveys with different standards.

State Soil Survey #	Soil Texture or Soil Complex Name	% Slope	Acres	Mass Wasting Potential	Erosion Potential
1331	GRAVELLY SANDY LOAM	0-5	104	INSIGNIFIC'T	LOW
0958	CATLA-HOYPUS-COMPLEX	20-65	27	No Data	No Data
1112	GRAVELLY SANDY LOAM	0-15	16	INSIGNIFIC'T	LOW
3011	GRAVELLY SANDY LOAM	0-15	3	INSIGNIFIC'T	LOW

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

1) *Surface indications:* None

2) *Is there evidence of natural slope failures in the sub-basin(s)?*
☐*No* ☒*Yes, type of failures (shallow vs. deep-seated) and failure site characteristics:*

Some sub-basins within the associated WAUs are known to contain historic and recent shallow rapid failures. These failures are typically found within over steepened gorges and areas prone to mass wasting. Within the harvest area, there is no evidence of recent shallow-rapid failures as all areas have mature timber present. The steeper bluffs located along the shorelines of Discovery Bay have been known to produce deep-seated failures where tidal action has eroded the toe of the slope. There are no known deep-seated landslides within the proposal area nor is the proposal area part of the groundwater recharge area for any downstream deep-seated landslides. No evidence of natural slope failures have been observed within the sub-basin near the vicinity of the proposed sale area.

3) *Are there slope failures in the sub-basin(s) associated with timber harvest activities or roads?*
☒*No* ☐*Yes, type of failures (shallow vs. deep-seated) and failure site characteristics:*
Associated management activity:

4) *Is the proposed site similar to sites where slope failures have occurred previously in the sub-basin(s)?*
☒*No* ☐*Yes, describe similarities between the conditions and activities on these sites:*

5) *Describe any slope stability protection measures (including sale boundary location, road, and harvest system decisions) incorporated into this proposal.*

Equipment and timing restrictions have been implemented in order to reduce potential soil compaction and overland water channelization from wet weather operations. Timing restrictions on road building operations will help to minimize off-site movement of sediments.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

Approx. acreage new roads: 2.7 acres Approx. acreage new landings: 1.5 Fill Source: On site native material or hauled ballast and surfacing*
*Based on a 15 foot subgrade

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

A small amount of surface erosion incidental to freshly exposed soils is anticipated.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? *Approximate percent of proposal in permanent road running surface (includes gravel roads):*

Approximately 2.1 acres (1.4%) will be covered due to the construction of gravel roads.*
* *Based on a 12-foot running surface.*

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

The harvest system planned for the proposed timber sale has measures taken to prevent soil compaction and displacement. Units 1, 2, 3, and 4 will be yarded by ground methods. Rubber tired skidders are restricted in all units from October 1st to June 30th.

Operations may be suspended when soil rutting exceeds 10 inches as measured from the natural ground line. To reduce soil damage, mitigation measures will include; water bars to be constructed, and/or grass seed to be placed on exposed soils. Approximately 500 feet of designated skid trail abandonment shall be performed on the timber sale. Abandonment shall consist of re-establishing natural drainage and natural slopes, fluffing compacted soil to an 18 inch depth using shovel grapples, placing stumps and debris back into the trail, and installing water bars.

Equipment and timing restrictions have been implemented in order to reduce potential soil compaction from wet weather operations. The measures taken for equipment use will help to prevent the redirection of water, and reduce the offsite movement of sediment.

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Insignificant amounts of engine exhaust from logging equipment and dust from passing log trucks is expected. The burning of logging slash will adhere to the State's smoke management plan.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Debris burning will adhere to the State's smoke management plan.

3. **Water**

a. Surface Water:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. *(see timber sale map available at DNR region office, or forest practice application base maps.)*

Yes, see below.

a) Downstream water bodies:

The Dungeness River (Type 1) is located next to Units 1, 2, and 3 of the proposed sale area. An irrigation ditch known to have fish use is also connected to the river and located within the Riparian Management Zone of the Dungeness.

b) Complete the following riparian & wetland management zone table:

Wetland, Stream, Lake Pond, or Saltwater Name (if any)	Water Type	Number (how many?)	Avg RMZ/WMZ Width in feet (per side for streams)
Type 1 Stream (Dungeness River)	Fish bearing, perennial stream	1	135 foot site index no-cut RMZ w/ 100 foot wind buffer
Type 3 Stream (Irrigation Side Channel)	Fish bearing perennial stream	1	135 foot site index no-cut RMZ w/ 50 foot wind buffer

c) List RMZ/WMZ protection measures including silvicultural prescriptions, road-related

RMZ/WMZ protection measures, and wind buffers.

A wind buffer has been added to the RMZ of the Type 1 and Type 3 stream adjacent to Units 1, 2 and 3. Added protection includes an additional 50 foot buffer on the Type 3 stream and 100 feet on the Type 1 stream. There will not be any removals from the RMZs or wind buffers.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.
☐*No* ☒*Yes (See RMZ/WMZ table above and timber sale map available at DNR region office.)*
Description (include culverts):

Timber harvest will occur 185 feet from the Type 3 stream listed in question B 3 b.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

N/A

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. *(Include diversions for fish-passage culvert installation.)*
☒*No* ☐*Yes, description:*

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
☒*No* ☐*Yes, describe location:*

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.
☒ *No* ☐ *Yes, type and volume:*

7) Does the sub-basin contain soils or terrain susceptible to surface erosion and/or mass wasting? What is the potential for eroded material to enter surface water?

See answer to questions: B. 3.a.1.b, B. 3.a.1.c.

Within the Dungeness Valley WAU, 2% of the landbase contains soils with a high erosion potential. Five percent of the area is at a medium risk to erosion, while 59% of the WAU contains a low erosion potential. Mass wasting potential within the WAU is low to insignificant on 75% of the landbase, medium on 0.1% of the surrounding area, and high on 2% of the area. Evaluation of the soils associated with this proposal indicates the potential for mass wasting is insignificant, and the potential for soil erosion is low.

The Discovery Bay WAU contains soils with a high erosion potential or high mass wasting potential of less than 1.6%. The percentage of soils at risk to medium erosion potential is 3%, and low erosion potentials are 68% within the WAU. Mass wasting potential is insignificant on 66% of the landbase, and medium on 1% of the area. Evaluation of the soils associated with this proposal indicates the potential for soil erosion and mass wasting are low to insignificant.

There is very low potential for sediment to enter surface waters as the only two streams associated with the proposal are located over 185 feet from the timber sale boundary.

8) Is there evidence of changes to the channels in the WAU and sub-basin(s) due to surface erosion or mass wasting (accelerated aggradations, erosion, decrease in large organic debris (LOD), change in channel dimensions)?

☐*No* ☒*Yes, describe changes and possible causes:*

There are some channels within the Discovery Bay WAU that show evidence of accelerated aggradations due to a combination of factors including surface erosion, slides and increased peak flows. These changes are attributed to both natural events and human activity.

9) Could this proposal affect water quality based on the answers to the questions 1-8 above?

☐*No* ☒*Yes, explain:*

A small increase in surface runoff is anticipated. Given the topography, soil types and protective measures being taken (See answer to question, B.1.h.), this proposal should have little effect on stream and water quality.

10) What are the approximate road miles per square mile in the WAU and sub-basin(s)?

Are you aware of areas where forest roads or road ditches intercept sub-surface flow and deliver surface water to streams, rather than back to the forest floor?

☒*No* ☐*Yes, describe:*

Table B.3.a.10.1- Discovery Bay WAU Roads

Land Owner	Miles of Road	Roads Miles per Square Mile
DNR	73.2	0.9
Non-DNR	326.3	4
Total	399.5	4.9

Data Source & Description: DNR Transportation (TRANS) data. Data is the best estimate of the transportation routes in the state, however, should not be considered a complete inventory of these routes. Updates to this data are variable.

Table B.3.a.10.2- Dungeness Valley WAU Roads

Land Owner	Miles of Road	Roads miles per Square Mile
DNR	36.3	0.5
Non-DNR	319.3	4.6
Total	355.5	5.1

Data Source & Description: DNR Transportation (TRANS) data. Data is the best estimate of the transportation routes in the state, however, should not be considered a complete inventory of these routes. Updates to this data are variable.

11) *Is the proposal within a significant rain-on-snow (ROS) zone? If not,* ***STOP HERE*** *and go to question B-3-a-13 below. Use the WAU or sub-basin(s) for the ROS percentage questions below.*

☒*No* ☐*Yes, approximate percent of sub-basin(s) in significant ROS zone:*
Or*, approximate percent of WAU:*

12) *If the proposal is within the significant ROS zone, what is the approximate percentage of the WAU or sub-basin(s) within the significant ROS zone (all ownerships) that is (are) rated as hydrologically mature?*

13) *Is there evidence of changes to channels associated with peak flows in the WAU and sub-basin(s)?*
☐*No* ☒*Yes, describe observations in the WAU and in the sub-basin(s):*

Evidence of periods of accelerated stream aggradations are present in the Dungeness Valley and Discovery Bay WAUs, and may be related to peak flow events. The Dungeness River contains channel migration zones that may be associated with peak flow events.

14) *Based on your answers to questions B-3-a-10 through B-3-a-13 above, describe whether and how this proposal, in combination with other past, current, or reasonably foreseeable proposals in the WAU and sub-basin(s), may contribute to a peak flow impact.*

A small increase in peak flow is anticipated as a result of the proposal. Negative impacts to the WAUs and/or sub-basins are not anticipated based on the following reasons: the size of the harvest area in relation to the acreage contained within the WAU, the ability of the proposed sale area (and surrounding forest land) to regain hydrologic maturity through time, and the protective effort taken to buffer riparian areas.

15) *Is there water resource (public, domestic, agricultural, hatchery, etc.), or area of slope instability, downstream or downslope of the proposed activity that could be affected by changes in surface water amounts, quality, or movements as a result of this proposal?*

☐*No* ☒*Yes, possible impacts:*

Significant changes in surface water amounts are not anticipated. The sale design has incorporated important objectives such as the protection of streams and water quality from negative impacts.

16) *Based on your answers to questions B-3-a-10 through B-3-a-15 above, note any protection measures addressing possible peak flow/flooding impacts.*

Careful past, present, and future harvest planning has and will continue to distribute harvest across the landscape, through time, in order to reduce hydrologic impacts within the WAUs. Road network planning has been performed in order to minimize the amount of road construction needed, and to ensure the quality of existing and newly constructed roads and their drainage systems. The types of harvest systems required for the proposed sale, and the seasonal limitations put on those harvest systems shall reduce the potential for negative impacts associated with peak flow/flooding events. G.I.S landscape reports were checked to evaluate the location of this proposal relative to the rain-on-snow zone-mapping units. The overall sale design will also help to minimize impacts as noted by the difference in net sale acreage relative to the proposal area acreage that was initially considered for harvest. The proposed sale area has had measures taken for the protection of streams. Prompt reforestation will initiate a move towards the recovery of hydrologic maturity.

b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

Not applicable

3) *Is there a water resource use (public, domestic, agricultural, hatchery, etc.), or area of slope instability, downstream or down slope of the proposed activity that could be affected by changes in groundwater amounts, timing, or movements as a result this proposal?*

☐*No* ☒*Yes, describe:*

There are numerous ground water rights registered with the Department of Ecology that are potentially located downstream of this proposal. These are located in Sec. 24, 25, & 35 T30N R04W, W.M and Sec. 32 T30N R02W, W.M. A small increase in groundwater volume is anticipated during peak storm events. Impacts to groundwater are not anticipated.

a) Note protection measures, if any.

See B.3.a.15 & 16 above

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

See B.3.a.15 & 16 above

2) Could waste materials enter ground or surface waters? If so, generally describe.

No

a) Note protection measures, if any.

Not applicable

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No.
The construction of forest roads will direct surface runoff down the ditchline and through culverts where it will filter through the forest floor. Proper culvert spacing will maintain current drainage patterns.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

(See surface water, ground water, and water runoff sections above, questions B-3-a-1-c, B-3-a-16, B-3-b-3-a, and B-3-c-2-a.)

Also see B.1.h. and B.3.c.1 above. Yarding equipment restrictions and timing restrictions for logging activities, roadwork, and rock haul will reduce the potential for off-site movement of sediment during the period of late fall through early spring when surface runoff is at its peak. The sale design, including harvest system design and road construction considerations, should maintain natural flow patterns.

4. **Plants**

a. Check the types of vegetation found on the site:

__x__deciduous tree: alder, maple, *cottonwood*
__x__evergreen tree: *Douglas fir, grand fir, red cedar, western hemlock*
__x__shrubs*: huckleberry, salmonberry, salal, ocean spray, rose hip Oregon grape, sword fern, rhododendron*
____grass
____pasture
____crop or grain
____ Orchards, vineyards or other permanent crops.
____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage *devil's club*, other
____water plants: water lily, eelgrass, milfoil, other
____other types of vegetation
____*plant communities of concern:*
*This is not meant to be an all-inclusive list, but rather some of the species that were observed on the site.

b. What kind and amount of vegetation will be removed or altered? *(See answers to questions A-11-a, A-11-b, B-3-a-1-b and B-3-a-1-c. The following sub-questions merely supplement those answers.)*

This proposal involves harvesting 150 net acres of 59 and 97 year old mixed species Douglas fir and red cedar. The species composition will not be significantly changed in the WAU, as the area will be reforested with similar species. Dispersed and clumped leave trees have been left to provide structure for many wildlife species to use, and reduce the visual impacts of the harvest. The density of leave trees will average 8 trees per acre over the entire sale. Leave trees include at least two trees per acre of the largest trees on site. Structurally unique trees that have been identified as valuable for wildlife have also been left. Approximately 3,417 thousand board feet of timber will be removed. Most of the conifer and deciduous trees will be harvested, with the exception of those left distributed throughout the sale area for wildlife purposes. Shrub and herbaceous plants will be disturbed during logging, however most species will recover and respond favorably to the increase in available sunlight. Brush pockets within the proposed timber sale units will be rehabilitated to facilitate reforestation and stocking targets. There will be a transition from more shade tolerant species to intolerant species.

1)Describe the species, age, and structural diversity of the timber types immediately adjacent to the removal area. (See color landscape/WAU and adjacency maps on the DNR website:

http://www.dnr.wa.gov/ResearchScience/sepa/Pages/Home.aspx (Click on the DNR region under the Topic"Current SEPA Project Actions - Timber Sales.")

The proposal contains stands that fall within the western hemlock vegetation zone (TSHE). To the north and east of Unit 1 sits grazing pasture and private home sites. To the south is a 10 year old State Lands plantation. The western portion of the unit is bordered by a mature timber stand and the Dungeness River.

Unit 2 is bordered to the north and east by a 10 year old Douglas fir and grand fir plantation. Toward the south is the Bonneville powerline right-of-way. To the west of the unit is a mature timber stand and the Dungeness River.

To the north of Unit 3 sits the Bonneville powerline right-of-way. The eastern side of the unit is flanked by a 19 year old stand of State lands timber. Timber within the stand is composed of Douglas fir and western red cedar. South of the unit is a mature timber stand composed of Douglas fir and western red cedar. The western portion of the proposed timber sale unit is bordered by a mature stand of Douglas fir and western red cedar and the Dungeness River.

Unit 4 is bordered by commercial forest land to the north, east, and west. Timber stand ages are 25, 11 and 41 respectively. All forest stands are dominated by Douglas fir and western red cedar. The area south of unit 3 is privately owned and contains home sites.

2) *Retention tree plan:*

Leave tree selection criteria and leave tree distribution strategies were chosen to satisfy several objectives. Objectives included, snag protection, retaining old growth or transitional trees, selection of trees with unique wildlife value, the goal of maintaining windfirm leave tree areas, and mitigation for any potential visual impacts. Leave trees include at least two trees per acre of the largest trees on site. The majority of trees chosen for leave are larger and older dominants selected to ensure wind firmness. Structurally unique trees that have been identified as valuable for wildlife have also been left. Designated leave trees have been individually dispersed throughout the unit, and grouped together as leave tree clumps. Leave tree areas contain a representative account of the structural diversity and species composition currently found in the unit. Eight trees per acre were retained for this proposal. 118 old-growth trees were identified and protected.

c. List threatened and endangered *plant* species known to be on or near the site.

None

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

The harvest area will be replanted with Douglas-fir, and western red cedar. Additionally, natural regeneration will occur. Retention trees will provide a dominant cohort for the next stand as well as provide a source for future snags and down large woody debris. Leave trees will also provide a native seed source of the species diversity representative of the current stand.

e. List all noxious weeds and invasive species known to be on or near the site.

Butterfly bush, Scotch broom

5. **Animals**

a. List any birds and other animals *or unique habitats* which have been observed on or near the site or are known to be on or near the site. Examples include:

birds: hawk, eagle, songbirds, duck, crow, raven, chicken
mammals: deer, beaver, coyote, bobcat
fish: salmon, trout
unique habitats: None

b. List any threatened and endangered species known to be on or near the site *include federal- and state-listed species).*

TSU Number	FMU_ID	Common Name	Federal Listing Status	WA State Listing Status
1	85216	SPOTTED OWL: Site:962-JOHNSON CREEK - SEQUIM BAY	THREATENED	ENDANGERED
2	85217	Chinook	Threatened	Critical
2	85217	Chum	Not Warranted	Unknown
2	85217	SPOTTED OWL: Site:962-JOHNSON CREEK - SEQUIM BAY	THREATENED	ENDANGERED
2	85217	Steelhead	Threatened	Depressed
2	85217	Steelhead	Threatened	Unknown
3	85218	Chinook	Threatened	Critical
3	85218	Chum	Not Warranted	Unknown
3	85218	SPOTTED OWL: Site:962-JOHNSON CREEK - SEQUIM BAY	THREATENED	ENDANGERED
3	85218	Steelhead	Threatened	Depressed
3	85218	Steelhead	Threatened	Unknown
Jimmy Come Lately Pit		Marbled Murrelet	Threatened	Threatened

c. Is the site part of a migration route? If so, explain.

☒ *Pacific flyway* ☐ *Other migration route:* *Explain if any boxes checked:*

The proposal area lies within the Pacific flyway; however, it is not used by migratory waterfowl.

d. Proposed measures to preserve or enhance wildlife, if any:

1) *Note existing or proposed protection measures, if any, for the complete proposal described in question A-11.*

Species/Habitat: Spotted Owl- All units are located more than one mile from the site centers of Status 1 and 2 Spotted Owl circles, in areas designated as non-habitat, and do not contain any of the best 70 acres of habitat.

Species/Habitat: Bald Eagle- The proposed sale area is located beyond 660 feet from all eagle nesting sites, thus federal bald eagle protection measures do not apply.

The Jimmycomelately Pit (Sec. 29 T29N R02W, W.M.) is located 750 feet from an occupied marbled murrelet site. Existing stockpile in Jimmycomelately Pit will be used to build the PT-M-1300 road. No pit development/expansion will occur. No operation of heavy equipment will be allowed in the rock pit from one hour before official sunrise to two hours after official sunrise and one hour before official sunset to one hour after official sunset from April 1 to September 2.

Dispersed and clumped leave trees will provide some structure for many wildlife species to use. The minimum density of leave trees will average 8 trees per acre for the sale. Snags and down wood will also be provided. The new open cover type created by the harvest will enhance habitat for a variety of wildlife species. Riparian/wetland management zone protection will maintain habitat for some wetland and forest dependent species.

e. List any invasive animal species known to be on or near the site.
None

6. **Energy and natural resources**

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Does not apply

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

Does not apply

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

Does not apply

7. **Environmental health**

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

The operation of heavy machinery will pose a minimal level of hazard. Harvest operations will increase the risk of fire for a period of time. Contract language and State burning rules will contain a <30% humidity shutdown policy, and require operations to be performed in a manner that will reduce the risk of fire. A pump truck/trailer and fire suppression tools and equipment will be made readily available on site.

1) Describe any known or possible contamination at the site from present or past uses.

None

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

The BPA Transmission Line serving the greater Port Angeles area stretches between Units 2 and 3 of the proposal area. Associated buried/overhead utilities are also located along River Road.

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

The onsite fueling of heavy equipment may occur.

4) Describe special emergency services that might be required.

Wildland fire suppression

5) Proposed measures to reduce or control environmental health hazards, if any:

Contract language will require that preventative measures be taken to avoid on site disposal, or spilling of hazardous materials. The reporting and cleanup of any spills of petroleum based products or other waste will also be required. Pile burning of logging slash will follow Smoke Management Act guidelines. Also see answer to B. 7. A.

Hazard abatement will occur within 100 feet from county roads and 200 feet from structures. Warning signs will be posted where log truck traffic leaves and enters county roads. Contract language will require the contractor to observe all laws and statutes associated with the protection of utilities.
A line locate is required for any road work near River Road.

b. **Noise**

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Does not apply

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Noise will be created from chainsaws, heavy equipment, and log truck traffic while the sale is active.

3) Proposed measures to reduce or control noise impacts, if any:

Harvest activities are restricted from 8:00pm to 6:00am, and on weekends and State recognized holidays.

8. **Land and shoreline use**

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. *(Site includes the complete proposal, e.g. rock pits and access roads.)*

State Lands timber production, private timber production, farm animal grazing, private home sites.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

A grazing lease for range animals was once issued for Unit 1 of the proposal. The area is now managed for timber production. Neighboring properties to the proposed timber sale have been used for agricultural purposes in the past. There is no expectation of forest land being converted to other uses as a result of this proposal.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

Some herbicidal site preparation is expected to occur within a year following harvest of the timber sale proposal. All State laws will be followed.

c. Describe any structures on the site.
None

d. Will any structures be demolished? If so, what?
No

e. What is the current zoning classification of the site?
Units 1, 2, and 3 are zoned as Commercial Forest (CL). Unit 4 and associated right-of-way is zoned as Rural Low (R5).

f. What is the current comprehensive plan designation of the site?

Commercial forest

g. If applicable, what is the current shoreline master program designation of the site?

None

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

According to the Clallam County Critical Area and Parcel Map the Dungeness River and associated 100-year floodplain/CMZs have been identified to contain landslide and meander hazard.

i. Approximately how many people would reside or work in the completed project?

None

j. Approximately how many people would the completed project displace?

None

k. Proposed measures to avoid or reduce displacement impacts, if any:

Not applicable

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Proposed activities are compatible with existing land use designations. The proposal has been screened by Clallam County and is not regulated by the Shoreline Master Plan and is exempt from the critical areas code.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

The proposal is located on State Trust Lands which are managed according to the W.A. State DNR Habitat Conservation Plan.

9. **Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

Does not apply

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

Does not apply

c. Proposed measures to reduce or control housing impacts, if any:

Does not apply

10. **Aesthetics**

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

Does not apply

b. What views in the immediate vicinity would be altered or obstructed?

None

1) *Is this proposal visible from a residential area, town, city, developed recreation site, or a scenic vista?*

☐*No* ☒*Yes, viewing location:*

Units 1-3 of the proposed activity are located south of the City of Sequim.

2) *Is this proposal visible from a major transportation or designated scenic corridor (county road, state or interstate highway, US route, river, or Columbia Gorge SMA)?*

☐*No* ☒*Yes, scenic corridor name:*

Units 1-3 of the proposal are visible from River Road.

3) *How will this proposal affect any views described in 1) or 2) above?*

The majority of the sale area will be temporarily void of timber until regeneration is established.

c. Proposed measures to reduce or control aesthetic impacts, if any:

Dispersed and grouped retention of leave trees will help break up the outlines of the even aged harvest. Prompt reforestation will limit the length of time the harvest area will be visible.

11. **Light and glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

Some areas now shaded by timber will be exposed to sunlight.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No

c. What existing off-site sources of light or glare may affect your proposal?

None

d. Proposed measures to reduce or control light and glare impacts, if any:

None

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity?

There are informal opportunities for hiking, bird watching, and hunting. Logging roads are also used for mountain bike riding and horseback riding.

b. Would the proposed project displace any existing recreational uses? If so, describe.

Long term displacement of these uses is not anticipated. Unauthorized trails will be covered by slash and use will be discouraged during active operations.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None

13. **Historic and cultural preservation**

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe.

Yes. An old dump site has been recorded and registered near the proposal area.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

Areas of past European homesteading use have been observed on and near the site. These areas have been identified, assessed, and recorded. Site Management Protection Plans have been developed for all identified cultural resources.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

Onsite investigation with the Archeologist for State Lands was conducted throughout the development of the proposed activity. Site protection plans will be routed to the local tribes.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

Site management plans have been developed by DNR's professional archeologist in conjunction with the Department of Archeology and Historic Preservation and the affected Tribe(s).

14. **Transportation**

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

Access is via DNR service roads, River Road, Pierce Road, and Highway 101.

1) Is it likely that this proposal will contribute to an existing safety, noise, dust, maintenance, or other transportation impact problem(s)?

The transportation system was designed to accommodate commercial timber extraction and is consistent with past levels of use.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

The nearest transit stop is near the City if Sequim, WA approximately 1 mile from the proposal area.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

None

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

See answer to question A. 11. c.

1) How does this proposal impact the overall transportation system/circulation in the surrounding area, if at all?

The roads for this proposal have been planned to serve future management needs in the area. Such planning will provide for efficient use of the road system and eliminate unnecessary road construction.

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

A minor number of trips will be generated in association with normal land management activities.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

The proposal includes the movement of forest products on roads and streets in the area, and is anticipated not to interfere with the movement of agricultural products.

h. Proposed measures to reduce or control transportation impacts, if any:

Warning signs are required to be posted on River Road during road construction activities and active timber haul. A gate will be installed on the PT-J-4100 road.

15. **Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

No.

b. Proposed measures to reduce or control direct impacts on public services, if any.

Does not apply; however existing irrigation ditches will be protected through contract language and consultation with affected water districts.

16. **Utilities**

a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

There are no utilities serving the proposal area.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Does not apply

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Name of signee Jeremy E. Brown

Position and Agency/Organization NRS2, WA State Dept. of Natural Resources

Date Submitted: _____

Site Management Plan for CA00524, CA00725 and CA00730
Old Sequim Dump
Happy Cat Debris Scatter
Happy Cat Timber Sale
M.L. Stilson
September 19, 2014

Background

The Washington State Department of Natural Resources (DNR) is planning the Happy Cat Timber Sale (TBS). The TBS area includes a previously recorded archaeological site 45-CA-524. This is in Township 30 North, Range 4 W Section 36. While reviewing and setting up the sale, DNR foresters found two additional sites. One new site is also in Section 36 and the other is in Township 30 North, Range 2 West, Section 29. Both of these new sites were described, mapped, photographed and recorded with the Department of Archaeology and Historic Preservation who designated the site in 30-4W-36 as 45-CA-725 and the site in 30-2W-29 as 45-CA- 730.

45-CA-524 Old Sequim Dump

The old dump for the City of Sequim found along the sides and base of a railroad grade. The dump is 250 meters long and 30 meters wide and is located off a cliff embankment. It contains many rusty old cars and trucks from the 1930s to 1950s. Deposits are mainly from the 1920s through the 1950s although some earlier (back to the 1870s) and some later materials are also present. There is modern dumping as well.

45-CA-725 Happy Cat Debris Scatter

This site consists of approximately 4-5 pickup truck loads of garbage predominately dating to the 1930s-1940s. These are probably separate dumping episodes as the assemblage varies from pile to pile. The dumping episodes cover an area of 80 X 60 meters. One load of more modern material dates to the mid -1960s. There is evidence that these piles were then bulldozed as there are pushed up piles of rock and soil .2 -.5 meters in height. There are two fragments of manganese glass, but these are from a pitcher and a candy dish, forms that have a long life span. There are no manganese glass bottles.

45-CA-730 Happy Cat Homestead

This site consists of pre 1955 structural remains consisting of a cellar/root cellar, a flattened space, some lumber and a round hole. This must pre-date 1955, the year this land came into state ownership, as there is no indication of this structure in the state records. The small amount of artifacts found date to the 1920s and 1930s.

This has the appearance of a homestead that was never finished started in the 1920s-1930s with a later attempt at a water system by digging a well (round hole) and the cellar turned into a cistern sometime ca 1952 possible when the land was owned by a Francis K. Dent (Metzger Map 1942).

The central feature of this site is a rock walled cellar. The rock walls are constructed of mortared boulders and are about 3' thick. The cellar is 14' X 11' X 5' deep and is oriented magnetic E-W. At the southwest end is a 13 X 12 X 7" poured angular footing. There is a 4 X 4' entry to the east. The actual entry way has been blocked by later concrete and it appears that the cellar was turned into a water retention area.

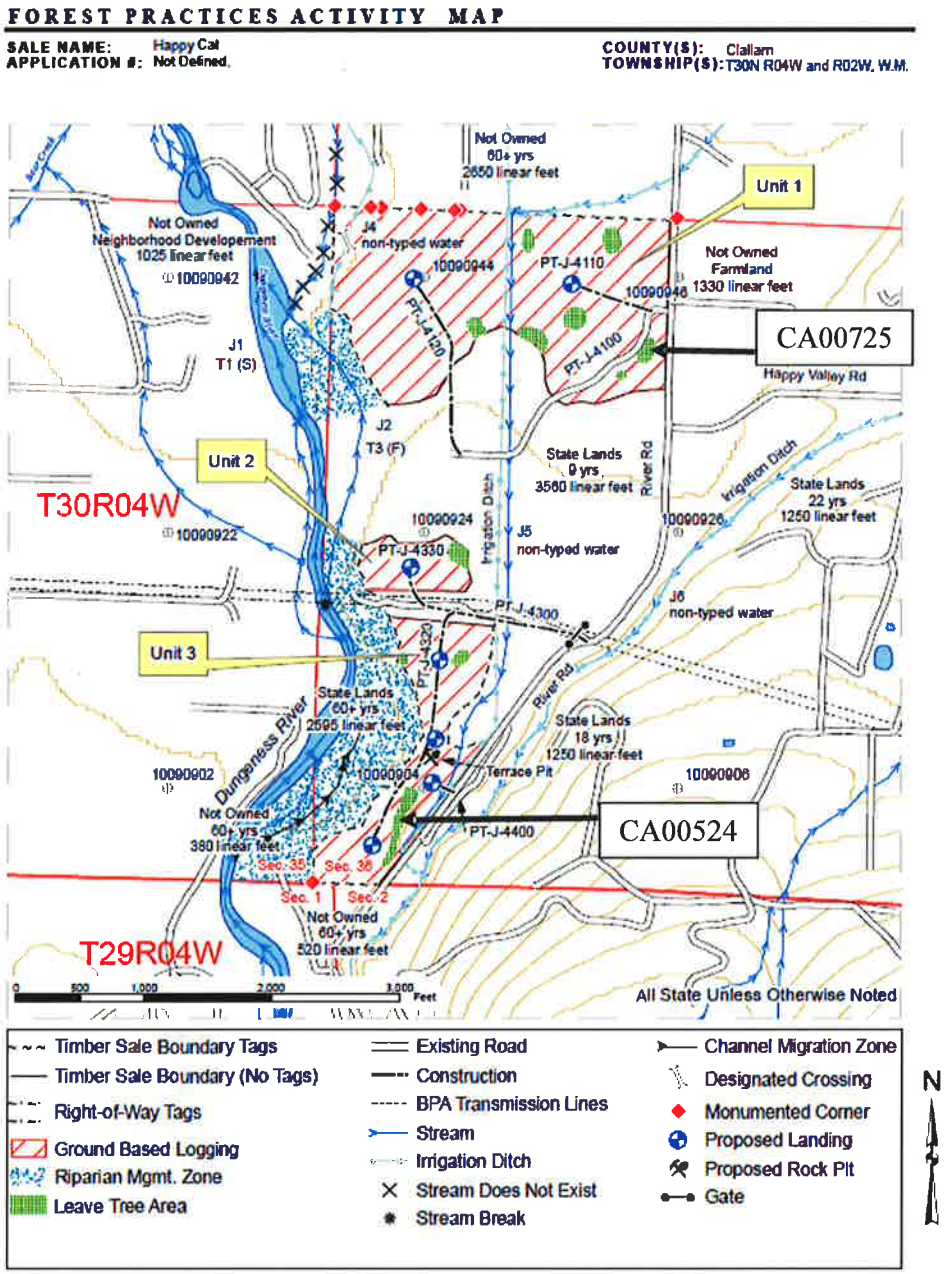
Site Management Plan 45-CA-524

Original plans for Unit 3 included a road cut into the slope of the Old Sequim Dump. This plan was abandoned. The road has been moved to extend south from the power line and to avoid the site area. The entire site is within a leave tree clump.

Site Management Plan 45-CA-725 and 45-CA-730

A leave tree clump was placed around both of these sites. They should be undisturbed by the harvest activity.

It is possible that ground disturbing activities associated with timber harvesting may expose additional cultural resources. In such eventuality, equipment operators will immediately halt all activities in the area and notify DNR's professional archaeologist.

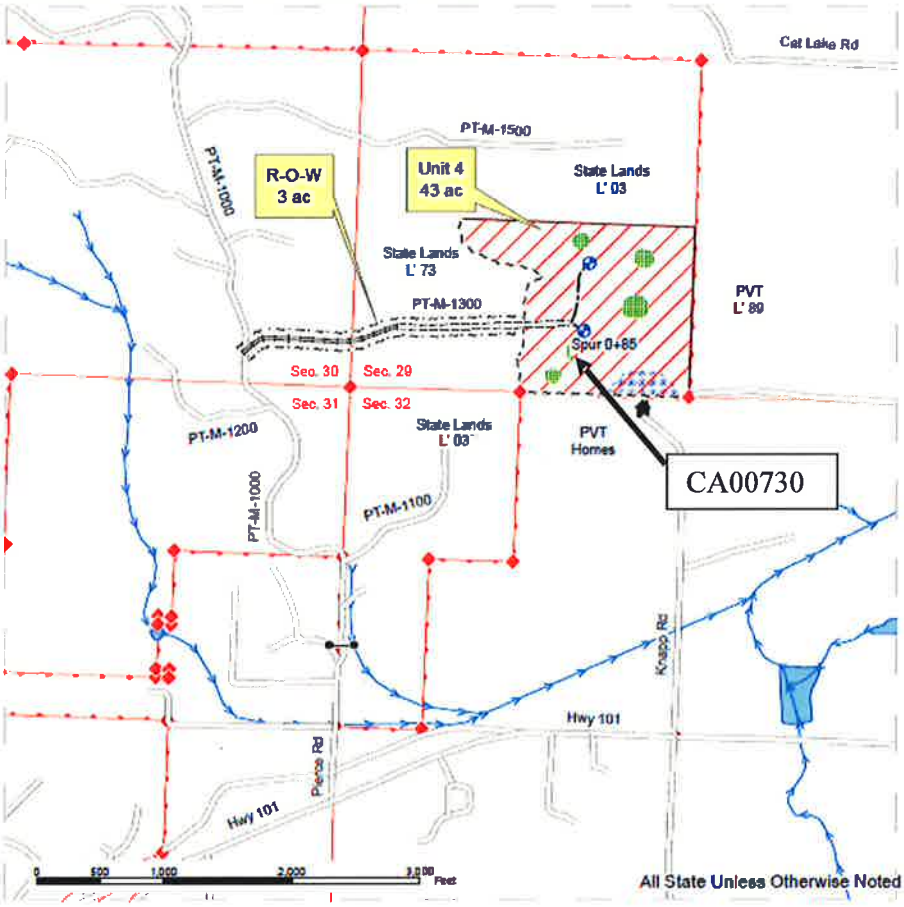


Location of CA00524 and CA00725 within Happy Cat TBS

TIMBER SALE MAP

SALE NAME: Happy Cat
AGREEMENT#: 30-000791
TOWNSHIP(S): T30N R02W, W.M.
TRUST(S): State Forest Board Transfer (01), Common School (03)

REGION: Olympic
COUNTY(S): Clallam
ELEVATION RGE: 200-380



Sale Area
- Timber Sale Boundary (No Tags)
- Timber Sale Boundary Tags
- Right of Way Tags

Harvest System
- Ground
- Riparian Mgmt. Zone (RMZ)
- Leave Tree Area

Road Construction Types
- Existing Road
- Optional Construction
- Required Reconstruction
- Required Construction

- Irrigation Ditch
- Streams
- Stream Type
- Stream Type Break
- DNR Managed Lands
- Monumented Corner
- Hazard Abatement

- Rural Residence
- Proposed Rock Pit
- Gate
- Fence
- BPA Transmission Lines
- Proposed Landing
- Designated Crossing

N

From:	BROWN, JEREMY (DNR)
To:	STEFFEN, SARAH (DNR)
Cc:	BENNER, MARK (DNR); TURNER, BRIAN (DNR)
Subject:	RE: Happy Cat Site Plans
Date:	Thursday, August 07, 2014 11:11:42 AM

Final notification phone calls have been made to the Tribes listed below.

Jeremy E. Brown
NRS2/State Lands
W.A. State Dept. of Natural Resources
Olympic Region

jeremy.brown@dnr.wa.gov
www.dnr.wa.gov

From: STEFFEN, SARAH (DNR)
Sent: Wednesday, August 06, 2014 8:54 AM
To: BROWN, JEREMY (DNR)
Subject: Happy Cat Site Plans

Hi Jeremy,

It's been 10 days since the Happy Cat Site Plans were sent to the tribes. I didn't hear anything back from them so, unless you did, it's time for you to give a follow up call.

Jamestown S'Klallam Tribe - Gideon Cauffman – 360-681-4638

Lower Elwha Klallam Tribe – Bill White – 360-460-1617

Thanks,
Sarah

Sarah Steffen
NRT3
Timber Sales, Olympic Region
Washington State Department of Natural Resources (DNR)
360-374-2819
sarah.steffen@dnr.wa.gov
www.dnr.wa.gov

Appendix F-1
DNR Property Records – Deeds and Property Use Information

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
WATER RIGHT CLAIMS REGISTRATION

WATER RIGHT CLAIM

RECEIVED
DEPARTMENT OF ECOLOGY
JUN 18 1974 100907
CASH ___ OTHER ___ NONE ___

1. NAME Dept of Natural Resources

ADDRESS ~~RT + Box 168~~ Olympia, WA

ZIP CODE ~~98501~~ 98504

2. SOURCE FROM WHICH THE RIGHT TO TAKE AND MAKE USE OF WATER IS CLAIMED: Surface (SURFACE OR GROUND WATER)

W.R.I.A. 18 (LEAVE BLANK)

A. IF GROUND WATER, THE SOURCE IS ___

B. IF SURFACE WATER, THE SOURCE IS Dungeness River Sec 12, T29N, R4W

3. THE QUANTITIES OF WATER AND TIMES OF USE CLAIMED:

A. QUANTITY OF WATER CLAIMED .01 CFS (CUBIC FEET PER SECOND OR GALLONS PER MINUTE) PRESENTLY USED .01 CFS

B. ANNUAL QUANTITY CLAIMED ~~12~~ 7.25 (ACRE FEET PER YEAR) PRESENTLY USED ~~12~~ 7.25

C. IF FOR IRRIGATION, ACRES CLAIMED 0 PRESENTLY IRRIGATED 0

D. TIME(S) DURING EACH YEAR WHEN WATER IS USED: Jan 1 – Dec 31

4. DATE OF FIRST PUTTING WATER TO USE: MONTH [redacted] Nov. YEAR [redacted] 1889

5. LOCATION OF THE POINT(S) OF DIVERSION/WITHDRAWAL: 1400 FEET South AND 330 FEET ~~East~~ WEST FROM THE NE CORNER OF SECTION 36

BEING WITHIN SE¼NE¼ OF SECTION 36, T. 30 N., R. 4W (E. OR W.) W.M.

IF THIS IS WITHIN THE LIMITS OF A RECORDED PLATTED PROPERTY, LOT ___ BLOCK ___ OF ___

(GIVE NAME OF PLAT OR ADDITION)

6. LEGAL DESCRIPTION OF LANDS ON WHICH THE WATER IS USED: That portion of the ~~N~~ SE¼NE¼, Sec 36, T30N, R4W, W.M. Lying easterly of the centerline of the County road as now located and constructed and running northerly over and across said SE¼NE¼, having an area of 26 acres, more or less COUNTY Clallam

7. PURPOSE(S) FOR WHICH WATER IS USED: Stock water + wildlife

8. THE LEGAL DOCTRINE(S) UPON WHICH THE RIGHT OF CLAIM IS BASED: Riparian, appropriation and Enabling act trust Land Rights

THE FILING OF A STATEMENT OF CLAIM DOES NOT CONSTITUTE AN ADJUDICATION OF ANY CLAIM TO THE RIGHT TO USE OF WATERS AS BETWEEN THE WATER USE CLAIMANT AND THE STATE OR AS BETWEEN ONE OR MORE WATER USE CLAIMANTS AND ANOTHER OR OTHERS. THIS ACKNOWLEDGEMENT CONSTITUTES RECEIPT FOR THE FILING FEE.

DATE RETURNED THIS HAS BEEN ASSIGNED WATER RIGHT CLAIM REGISTRY NO.

187406707

DIRECTOR - DEPARTMENT OF ECOLOGY

I HEREBY SWEAR THAT THE ABOVE INFORMATION IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

X ___

DATE ___

IF CLAIM FILED BY AGENT, GIVE NAME OF PRINCIPAL OR TYPE FULL NAME AND MAILING ADDRESS OF AGENT BELOW.

STATE OF WASHINGTON
DEPT OF NATURAL RESOURCES
BERT L. COLE, COMMISSIONER
Howard Staalson
BY ECOLOGICAL AGENT
LANDS DIVISION
5/7/74

☐ ADDITIONAL INFORMATION RELATING TO WATER QUALITY AND/OR WELL CONSTRUCTION IS AVAILABLE

RETURN ALL THREE COPIES WITH CARBONS INTACT, ALONG WITH YOUR FEE TO:
DEPARTMENT OF ECOLOGY
WATER RIGHT CLAIMS REGISTRATION
P.O. BOX 829 OLYMPIA, WASHINGTON 98501

2192

	A	B	C	D	E	F	G	H	I
1	**ATB Indexing Form**								
2	*Note: Please leave fields blank if not applicable*						**PAS Initials**		JCG
3	**Prefix**	78							
4	**Agreement Number**	7							
5	**Document Type**	59							
6	**Agreement Name**								
7	**Transaction Type**								
8	**Effective Date/Date Granted**	12/28/1967							
9	**Expiration Date**	Indefinite							
10	**Grantee/Lessee/Buyer**	DNR							
11	**Grantor/Lessor/Seller**	Department of Ecology							
12									
13	**Water Body (aquatics)**								
14	**Notes (Deed file # or Aquatic Plate Reference**								
15	**Additional Parcel Information or special Instructions**	Water Right							
16									
17	**GIS Parcel ID Entries**	**County**	Clallam	*County,*					
18									
19		**Region**	Olympic						
20					**Sec**	**Tsp**	**Range**	**E/W**	**G. Lot**
21	**Parcel ID 1**	5521							
22	**Parcel ID 2**		**Parcel ID 22**						
23	**Parcel ID 3**		**Parcel ID 23**						
24	**Parcel ID 4**		**Parcel ID 24**						
25	**Parcel ID 5**		**Parcel ID 25**						
26	**Parcel ID 6**		**Parcel ID 26**						
27	**Parcel ID 7**		**Parcel ID 27**						
28	**Parcel ID 8**		**Parcel ID 28**						
29	**Parcel ID 9**		**Parcel ID 29**						
30	**Parcel ID 10**		**Parcel ID 30**						
31	**Parcel ID 11**		**Parcel ID 31**						
32	**Parcel ID 12**		**Parcel ID 32**						
33	**Parcel ID 13**		**Parcel ID 33**						
34	**Parcel ID 14**		**Parcel ID 34**						
35	**Parcel ID 15**		**Parcel ID 35**						
36	**Parcel ID 16**		**Parcel ID 36**						
37	**Parcel ID 17**		**Parcel ID 37**						
38	**Parcel ID 18**		**Parcel ID 38**						
39	**Parcel ID 19**		**Parcel ID 39**						
40	**Parcel ID 20**		**Parcel ID 40**						

Membership Certificate No. 49

This is to Certify that

The Dept of Natural Resources

Is a Member of the

EUREKA IRRIGATING COMPANY

and is entitled to all of its benefits as provided in its Articles and By-Laws as they now stand or may hereafter be amended, so long as active membership is maintained.

This Certificate is not valid unless signed by the President and Secretary of the Eureka IRRIGATING COMPANY.

DATED at Sequim, Washington this 28 day of Dec, 1967.

Clara B. Clayton
Secretary

Ernest Heath
President

© SOES 415

78-W0007

Water Right Certificate No. 62

This is to Certify that

Dept of Natural Resources

is entitled to 1.00398 cubic feet of water from the irrigation system of the EUREKA IRRIGATING COMPANY, subject to the provisions of the By-Laws of said corporation.

This Certificate is not valid unless signed by the President and Secretary of the EUREKA IRRIGATING COMPANY.

DATED at Sequim, Washington this 28 day of Dec, 1967

Clara B. Clayton
Secretary

Ernest Kuath
President

© GOES 414

78-W0007

RECEIVED
JUN 2 3 2008
OLYMPIC REGION

SEQUIM PRAIRIE TRI-IRRIGATION ASSOCIATION
P.O. BOX 721
SEQUIM, WASHINGTON 98382

June 20, 2008

Department of Natural Resources
Olympic Region
411 Tillicum Lane
Forks, WA 98331

Dear DNR, Olympic Region,

You have 131 shares in Sequim Prairie Tri-Irrigation Association.

Your original stock certificate #69 was issued through Eureka Ditch, 12-28-1967, for 87 shares.

In 1998 Eureka Ditch merged with Independent Ditch and Sequim Prairie Ditch to create Sequim Prairie Tri-Irrigation. The Eureka shares transferred to the new association at a 1.5 ratio. As a result, you were issued Sequim Prairie Tri-Irrigation Association stock certificate #290 for 131 shares 8-4-1999. This new certificate replaced any prior certificates.

Any questions, please call:

Sara Blake, Secretary, Treasurer
360-683-5649

HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

WATER LEASE

Lease No. 60-B82956

This Lease is entered into between the STATE OF WASHINGTON, Department of Natural Resources (hereinafter "State") and ROBERT REANDEAU (hereinafter "Lessee"). This Lease is made upon the terms and conditions and for the consideration enumerated herein. All exhibits to this Lease are attached and incorporated herein.

RECITALS

A. State is the holder of certain certificated and perfected water rights pursuant to RCW Chapter 90.03 or 90.44 and other relevant provisions of RCW Title 90, as more specifically described herein.

B. This Lease establishes the terms and conditions under which Lessee and State agree to the terms of an agreement of said water rights, subject to compliance with all applicable laws and regulations.

AGREEMENT

1. **Lease Term.** This Lease is effective as of January 1, 2019, or date of signature by State, whichever is later, and shall expire December 31, 2028, unless terminated sooner as provided in this Lease.

2. **Transfer of Water.** State agrees to transfer 131 shares authorized by water right Sequim Prairie Tri-Irrigation Association Stock Certificate No. 290 (a copy of the certificate(s) thereto is attached as Exhibit A and incorporated herein) to Lessee to be put to beneficial use on the real property described on Exhibit B, attached hereto and incorporated herein. The leased water will be withdrawn at the point described on Exhibit B.

3. **Water Protection.** State holds water right Certificate No. 290 with Sequim Prairie Tri-Irrigation Association. (hereafter "Certificate(s)"), which is/are attached as Exhibit A and by this reference made a part hereof. Lessee is authorized to use sufficient water from the Certificate per a Plan of Use, attached hereto and incorporated herein as Exhibit C, as is reasonably necessary to irrigate the intended crops and to protect the certificate by fully utilizing the water and putting it to beneficial use. Such water shall be withdrawn from and used only on the real property described on Exhibit B, attached hereto and incorporated herein by this reference, and only in the performance of Lessee's rights under this lease. Lessee shall comply with the provisions of the Certificate and shall not use this water on other lands nor attempt to change the elements of State's water rights in any manner. Lessee shall protect State's rights for the use of surplus water, if any, as defined below, during the term of the lease, and shall protect State's rights for the use of the amount of water Lessee was authorized to use under the lease once this lease terminates. This includes, but is not limited to, avoiding actions that harm the quality of the groundwater aquifer, if applicable, and of surplus water, if any, that has not been transferred off of the leased premises. Lessee's obligations with respect to relinquishment and to loss of water due to failure to maintain perfected water right status under the water right Certificate shall be limited to: (1) complying with all provisions in this lease; (2) promptly advising State of any diminution in water use by Lessee; and (3) cooperating and not interfering with State's efforts to transfer water under the water right Certificate and/or to prevent relinquishment of any water beyond the amount Lessee is authorized to use.

Lessee shall at no time or for any cause, assert any claim of right to State's water rights.

The State of Washington, Department of Natural Resources, retains ownership of all of the water rights associated with the Certificate. State may use, dispose of or transfer any portions of the water that is not reasonably necessary to fulfill the authorized uses under this lease, and additional unused water known as "surplus water", in any manner and at any time chosen by State. Surplus water includes, but is not limited to "saved water".

Saved water is any water that during the term of the lease was, but is no longer, needed to fulfill the authorized uses under this lease due to a conversion by Lessee from one crop to a lower water duty crop, or due to other reductions in water use authorized under the lease. Saved water is available for State to transfer, use, or otherwise dispose of at the time Lessee converts a crop, on an acre-by-acre basis, and/or at the time Lessee otherwise reduces its water use. Payment may be adjusted, at State's option.

State does not guarantee or warrant the quality or quantity of any water or water supply. State shall not be liable for any water-related problems such as, but not limited to, lack, contamination, failure, excess, shortage, interruption or stoppage of water. The term "excess" as used herein refers to water-related problems such as but not limited to flooding, erosion, broken pipes, etc.

4. **Compliance with Transfer Laws.** This Lease is expressly conditioned upon full compliance with all laws and regulations pertaining to the use and transfer of water rights, including approval of change of the point of withdrawal and the place of beneficial use. State and Lessee agree to cooperate with procuring all approvals necessary to effectuate this lease.

5. **Payment by Lessee to State** – Lessee shall pay to State, in advance, the required annual rent of Five Hundred Dollars ($500.00), for 131 Shares (44.3 Acre Feet per Year) during the irrigaton season of April 15 to September 15 for all water made available and used by Lessee pursuant to this Lease. Payment shall be calculated and payable annually and shall be remitted to State at the address specified below. Payment is subject to Subsection 8. Payment shall be due December 1st each year.

6. **Leasehold Excise Tax on Cash Rent.** If required, Lessee shall pay to State, the leasehold tax as set forth in RCW Chapter 82.29A - Leasehold Excise Tax as may be amended. The tax shall be due and payable at the same time the rental charged herein is due and payable. Lessee may be assessed leasehold excise tax directly from the Washington State Department of Revenue.

7. **Interest Penalty for Past-Due Rent and Other Sums Owed.** Lessee shall pay simple interest at the rate of one percent (1%) per month (or at such higher rate as may be authorized by statute after the commencement date hereof), until paid, on rent or other sums owing under the terms of this Lease, commencing the date such rent or other sum is due and payable. In the event State pays any sum or incurs any expense which Lessee is obligated to satisfy or pay under this Lease, or which is made on behalf of Lessee, State shall be entitled to receive reimbursement thereof from Lessee upon demand, together with interest thereon from the date of expenditure at the rate stated above.

8. **Adjustment of Payment by Lessee to State.** The Payment by Lessee shall be subject to adjustment beginning on January 1, 2024, and at intervals of five years thereafter (the "Adjustment Date"). In no event will the adjusted annual payment be less than the previous annual payment. Such adjustment shall be determined by State through an evaluation of fair market value of the leased water right or by the percentage increase in the United States Department of Labor, Bureau of Labor Statistics, "All Items" Consumer Price Index for All Urban Consumers ("CPI-U"), US City Average (1982-84=100), between the date five years previous to the Adjustment Date and the Adjustment Date, i.e., adjusted payment amount equals current annual payment times CPI as of current Adjustment Date divided by CPI as of five years previous. The method of adjustment shall be selected solely by State.

State does not waive its right to adjust or revalue payment under this subsection by any failure to adjust or revalue at the end of an adjustment period, and shall retain the authority to adjust or revalue Lessee's payment or re-evaluate payment at any point subsequent to an adjustment period.

9. **Records Maintenance.** State and Lessee shall each maintain books, records, documents and other evidence that sufficiently and properly reflect any research completed on historical and beneficial use of the water rights, as well as irrigation and other property use records pertaining to the use of the water in this Lease. These records shall be subject to inspection, review or audit, at reasonable times and places, and upon reasonable prior notice, by duly authorized personnel of State, Lessee, and the Office of the State Auditor. All books, records, documents, and other material relevant to this Lease will be retained for six (6) years after Lease expiration. The Office of the State Auditor, and any person authorized by State or Lessee shall have the right to examine any of these materials during this period, subject to the foregoing conditions. Records and other documents, in any medium, furnished by one party to the other parties, shall remain the property of the furnishing party, unless otherwise agreed.

10. **Proprietary Information/Public Disclosure.** Materials or information submitted as required in this Lease shall become public records within the meaning of RCW Chapter 42.56.

Any submitted materials or information that Lessee claims as exempt from disclosure under the provisions of RCW 42.56.210 must be clearly designated. The page must be identified and the particular exemption from disclosure upon which Lessee is making the claim must be identified by the RCW citation number.

State will consider a Lessee's request for exemption from disclosure; however, State will make an independent decision on the applicability of any claimed exemption consistent with applicable laws. Marking the entire submitted materials or information exempt from disclosure cannot be honored. If a public records request is made regarding materials that Lessee has requested as exempt, the affected Lessee will be given notice of the request and allowed ten (10) business days to seek a court injunction against the requested disclosure prior to State fulfilling the public records request.

11. Termination.

a. If for any cause, any party does not fulfill in a timely and proper manner its obligations under this Lease, or if State or Lessee violates any material term or condition of this Lease, the aggrieved party shall give the other party written notice of such failure or violation. The responsible party shall be given the opportunity to correct the violation or failure within fifteen (15) working days. If the failure or violation is not corrected, this Lease may be terminated immediately by written notice of the aggrieved party to the other party.

b. In response to a written request from Lessee asking to surrender the leasehold, State may, at its sole discretion, terminate all or part of this Lease upon satisfaction by Lessee of all outstanding rents, duties, and obligations. State may condition the surrender upon payment of a fee to be set by State.

c. If, due to no fault on the part of State, the parties fail to obtain all legal approvals necessary to effectuate this Lease within thirty (30) days after the execution hereof, this Lease may be terminated at the option of either party effective upon delivery of notice.

d. In the event that this Lease is terminated, Lessee will transfer the leased water right back to State in its configuration immediately prior to execution of this Lease. The water right will retain the priority date asserted on water right No. 290 with Sequim Prairie Tri Irrigation Association.

12. Dispute Resolution. State and Lessee agree to make all reasonable efforts to resolve, through good-faith negotiation, any disputes concerning the terms and conditions of the Lease or any alleged breach. If negotiations are not successful, State and Lessee shall utilize non-binding mediation as an alternative dispute resolution process. State and Lessee will evenly split mediation costs. In the event that such non-binding mediation is not successful, State and Lessee agree that venue for any judicial action shall lie in the Superior Court of the State of Washington for Thurston County.

13. Attorney Fees. If either party brings suit or submits to an alternative dispute process (other than the non-binding mediation referenced in Section 12 above) to interpret or enforce any provision of this Lease, the prevailing party shall be entitled to reasonable attorney fees, paralegal fees, accountant and other expert witness fees and all other fees, costs and expenses actually incurred in connection therewith, including those incurred on appeal, in addition to all other amounts provided by law, regardless of whether the matter proceeds to judgment or is resolved by the defaulting party curing the default.

14. Governing Law. This Lease is entered into pursuant to and under the authority granted by the laws of the State of Washington and any applicable federal laws. The provisions of this Lease shall be construed to conform to those laws.

15. Order of Precedence. In the event of an inconsistency in the terms of this Lease, or between its terms and any applicable statute or rule, the inconsistency shall be resolved by giving precedence in the following order:

a. Applicable state and federal statutes and rules;
b. Lease terms and conditions set forth in the body of the Lease; and
c. Documents and materials incorporated into the Lease by reference.

16. Assignment. This Lease and any claim arising from this Lease are not assignable or delegable by Lessee in whole or in part, without the express prior written consent of State. Consent shall not be unreasonably withheld.

17. Waiver. If either party fails to exercise its rights under this Lease, it shall not be precluded from subsequent exercise of its rights. A failure to exercise rights shall not constitute a waiver of any other rights under this Lease, unless stated in a letter signed by an authorized representative of the party and attached to the original Lease.

18. Severability. If any provision of this Lease shall be held invalid, such invalidity shall not affect the other provisions of this Lease. The remaining provisions can be given effect without the invalid provision, if the remainder conforms to the requirements of applicable law and the fundamental purpose of this Lease. To this end the provisions of this Lease are declared to be severable.

19. Lease Amendments. This Lease may be amended by mutual agreement of State and Lessee. Amendments shall not be binding unless they are in writing and signed by personnel authorized to bind State and Lessee.

20. Project Management. The Project Manager for each of the parties shall be responsible for and shall be the contact person for all communications regarding the performance of this Lease.

21. Insurance/Indemnity/Hold Harmless. To the fullest extent permitted by law, the Lessee shall indemnify, defend and hold harmless the State, agencies of the State and all officials, agents and employees of the State, from and against any and all claims, including claims by the Lessee's employees, agents, and contractors, arising out of or resulting from any act or omission of the Lessee, its agents, employees and contractors while operating under this lease or at the lease premises. "Claims" as used in this subsection means any financial loss, claim, suit, action, damage, or expense, including but not limited to attorney's fees, attributable to bodily injury, sickness, disease, or death, or injury to or destruction of tangible property including loss of use resulting therefrom. The Lessee's obligation to indemnify, defend and hold harmless the State shall not be eliminated or reduced by any actual or alleged concurrent negligence of the State or its agents, agencies, employees and officials. The Lessee waives its immunity under Title 51 to the extent it is required to indemnify, defend and hold harmless the State and its agencies, officials, agents or employees.

22. Exhibits. Exhibits referenced herein, including those which may be added during the term of this Lease, are incorporated herein by reference and are to be considered terms of this Lease.

The designated Project Manager is:

(a) State:
Department of Natural Resources
Product Sales & Leasing
MS: 47014
Olympia, Washington, 98504-7014
360-902-1437

(b) Lessee:
Robert Reandeau
1235 Evans Rd.
Sequim, Washington, 98382
360-681-7737
206-423-3325

IN WITNESS WHEREOF, the parties have executed this Lease.

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

MONA GRISWOLD

Dated: Dec. 7, 2018.

By: Mona Griswold

Title: Olympic Region Mgr.

ROBERT REANDEAU

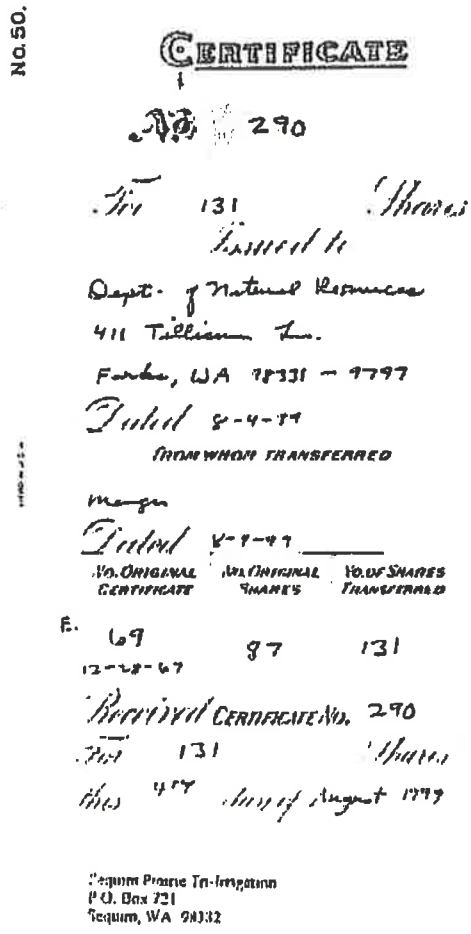
Dated: Nov 19, 2018.

By: Robert Reandeau

Title: President

Approved as to form this
4th day of June, 2008
Roger Braden, Assistant Attorney General

EXHIBIT A



No. 50.

CERTIFICATE

No. 290

For 131 Shares

Issued to

Dept. of Natural Resources

411 Tillicum Ln.

Forks, WA 98331 - 9797

Dated 8-4-99

FROM WHOM TRANSFERRED

merger

Dated 8-1-99

No. Original Certificate	No. Original Shares	No. of Shares Transferred
E. 69 12-28-67	97	131

Receipt Certificate No. 290

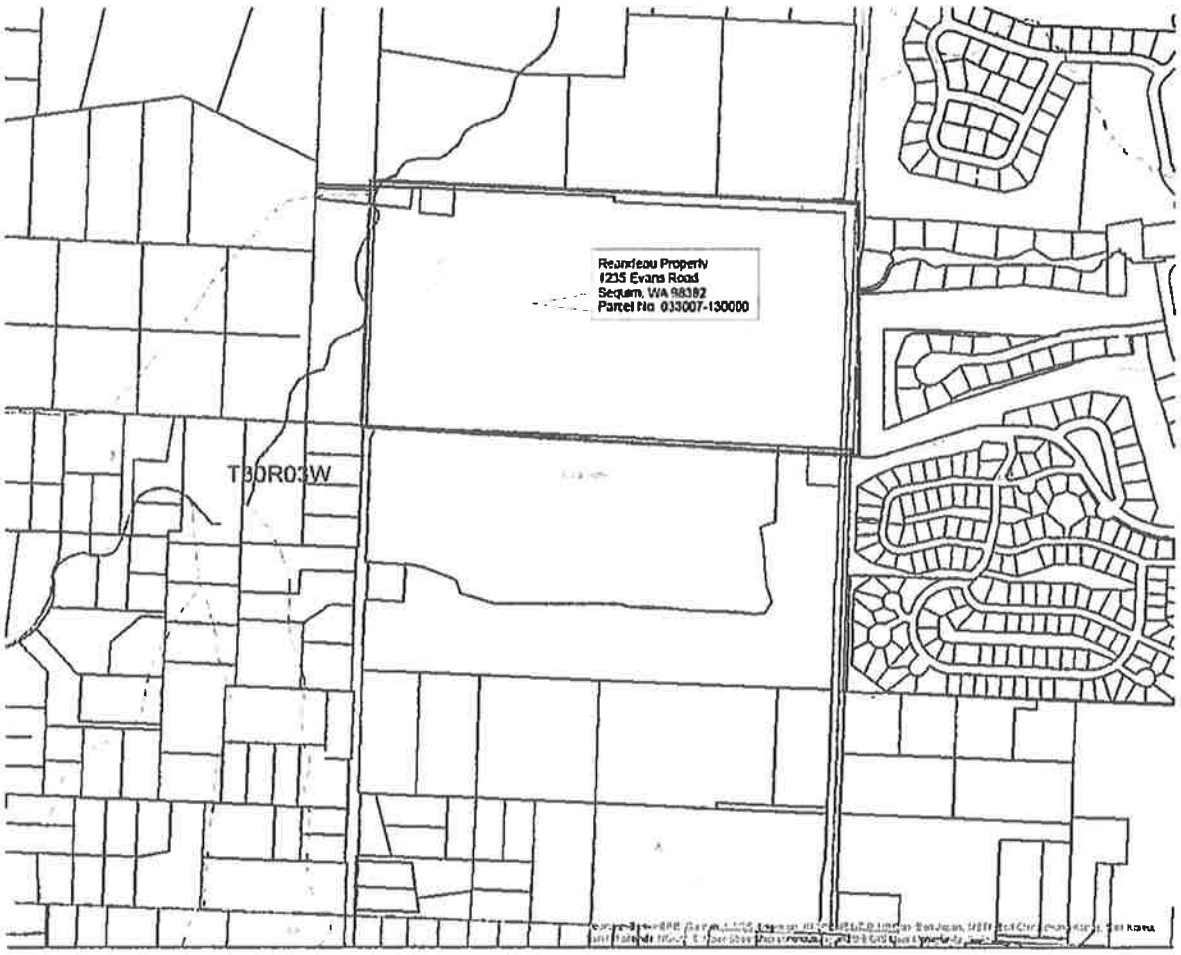
For 131 Shares

This 4th day of August 1999

Sequim Prairie Tri-Irrigation
P.O. Box 721
Sequim, WA 98382

EXHIBIT B
Legal Description of Premises

The South 1/2 of the Northeast quarter of Section 7, Township 30 North, Range 03 West. W.M., Clallam County, Washington, containing 77.46 acres, more or less. Clallam County Parcel No. 033007-130000.



Appendix G
Database Search Findings

Dungeness
RIVER RD
Sequim, WA 98382

Inquiry Number: 6192668.2s
September 16, 2020

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

RIVER RD
SEQUIM, WA 98382

COORDINATES

Latitude (North):	48.0506680 - 48° 3' 2.40"
Longitude (West):	123.1403500 - 123° 8' 25.26"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	489540.4
UTM Y (Meters):	5321722.5
Elevation:	423 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6004179 CARLSBORG, WA
Version Date:	2014
East Map:	6004197 SEQUIM, WA
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150818
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
RIVER RD
SEQUIM, WA 98382

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1		425 DUNGENESS MEADOW	CDL	Lower	171, 0.032, NNW
A2		425 DUNGENESS MEADOW	SPILLS	Lower	171, 0.032, NNW
3	ROBINSON	121 & 131 SERENITY L	US BROWNFIELDS, FINDS	Lower	352, 0.067, SSW
A4		393 DUNGENESS MEADOW	ASBESTOS	Lower	601, 0.114, NW
B5	DELHUR INDUSTRIES HA	2657 RIVER RD	FINDS, ECHO	Higher	806, 0.153, SSW
B6	DELHUR INDUSTRIES HA	2657 RIVER RD	ALLSITES, NPDES	Higher	806, 0.153, SSW
7	CHERRY POINT SUBDIVI	MP 4.4	SPILLS	Higher	1296, 0.245, ESE
8	MT. VIEW	NEAR 407 DUNGENESS M	US BROWNFIELDS, FINDS	Lower	1445, 0.274, NNW
C9		2822 RIVER ROAD	SPILLS	Higher	1463, 0.277, SSW
C10	SCARSELLA BROTHERS	2822 RIVER ROAD	SPILLS	Higher	1463, 0.277, SSW
11		176 HORSE TRAIL LANE	SPILLS	Higher	1588, 0.301, SW
D12	SEQUIM FISH HATCHERY	301 FISH HATCHERY RD	RCRA NonGen / NLR	Higher	1966, 0.372, SSW
D13	SEQUIM FISH HATCHERY	301 FISH HATCHERY RD	ALLSITES	Higher	1966, 0.372, SSW
14	DELHUR INDUSTRIES IN		US MINES	Higher	2043, 0.387, South
15	CALDERO	423 FISH HATCHERY RO	US BROWNFIELDS, FINDS	Higher	2292, 0.434, SSW
E16	GOOD IMPRESSIONS	124 LORRAINE DR A	EDR Hist Cleaner	Lower	2390, 0.453, North
E17	GOOD IMPRESSIONS	140 LORRAINE DR	EDR Hist Cleaner	Lower	2420, 0.458, North
F18	HALLER DAM		FINDS	Higher	2580, 0.489, SW
F19	HALLER DAM		ALLSITES	Higher	2602, 0.493, SW
20	DELHUR INDUSTRIES HA	RIVER RD 3 MI S OF S	FINDS	Higher	2683, 0.508, South
G21	THERMO COOL RADIATOR	2222 TAYLOR CUTOFF R	FINDS	Higher	2770, 0.525, WSW
G22	THERMO COOL RADIATOR	2222 TAYLOR CUTOFF R	ALLSITES	Higher	2770, 0.525, WSW
H23	SMITH-ALLEN	300 KINKADE ROAD	FINDS	Higher	3793, 0.718, South
H24	SMITH-ALLEN	300 KINKADE ROAD	US BROWNFIELDS	Higher	3793, 0.718, South
I25	JENKINS	802 TAYLOR CUT-OFF R	FINDS	Lower	3889, 0.737, NW
I26	JENKINS	802 TAYLOR CUT-OFF R	US BROWNFIELDS	Lower	3889, 0.737, NW
J27	CLALLAM CNTY PUD 1 L	100 BURNT MT PL	ALLSITES, FINDS	Lower	4571, 0.866, NNE
J28		PORT OF VANCOUVER	SPILLS	Lower	4675, 0.885, NNE
K29		482 RIVER RD	ASBESTOS	Lower	4771, 0.904, North
K30	ANDERSON RESIDENTIAL	486 RIVER RD	CSCSL, ALLSITES	Lower	5102, 0.966, North
31	BILLES	1171 FISH HATCHERY R	US BROWNFIELDS, FINDS	Higher	5177, 0.980, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing
SEMS ..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators
RCRA-VSQG ..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

HSL..... Hazardous Sites List

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Facility Database

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tanks Site List
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
UST..... Underground Storage Tank Database
AST..... Aboveground Storage Tank Locations
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL..... Institutional Control Site List

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Program Sites
ICR..... Independent Cleanup Reports
PTAP..... PTAP Site Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE..... Solid Waste Tire Facilities
SWRCY..... Recycling Facility List
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

HIST CDL	List of Sites Contaminated by Clandestine Drug Labs
CSCSL NFA	Confirmed & Contaminated Sites - No Further Action
US CDL	National Clandestine Laboratory Register
AQUEOUS FOAM	Firefighting Foam Incidents
PFAS	PFAS Contamination Site Location Listing

Local Land Records

LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
AIRS	Washington Emissions Data System
COAL ASH	Coal Ash Disposal Site Listing
DRYCLEANERS	Drycleaner List
Financial Assurance	Financial Assurance Information Listing

Inactive Drycleaners..... Inactive Drycleaners
MANIFEST..... Hazardous Waste Manifest Data
UIC..... Underground Injection Wells Listing
MINES MRDS..... Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants
EDR Hist Auto..... EDR Exclusive Historical Auto Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, and dated 04/13/2020 has revealed that there is 1 CSCSL site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANDERSON RESIDENTIAL Site Status: Awaiting Cleanup Clean Up Siteid: 14705	***486 RIVER RD***	***N 1/2 - 1 (0.966 mi.)***	***K30***	***51***

EXECUTIVE SUMMARY

Facility ID: 40388
Soil: Suspected
Ground Water: Suspected
Contaminant Name: Petroleum-Other

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/01/2020 has revealed that there are 6 US BROWNFIELDS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALDERO ACRES property ID: 238062 Cleanup Completion Date: -	***423 FISH HATCHERY RO***	***SSW 1/4 - 1/2 (0.434 mi.)***	***15***	***37***
SMITH-ALLEN ACRES property ID: 238061 Cleanup Completion Date: -	300 KINKADE ROAD	S 1/2 - 1 (0.718 mi.)	H24	43
BILLES ACRES property ID: 237965 Cleanup Completion Date: 7/3/2018	***1171 FISH HATCHERY R***	***S 1/2 - 1 (0.980 mi.)***	***31***	***52***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROBINSON ACRES property ID: 206981 Cleanup Completion Date: 3/8/2016	***121 & 131 SERENITY L***	***SSW 0 - 1/8 (0.067 mi.)***	***3***	***9***
MT. VIEW ACRES property ID: 189821 Cleanup Completion Date: -	***NEAR 407 DUNGENESS M***	***NNW 1/4 - 1/2 (0.274 mi.)***	***8***	***29***
JENKINS ACRES property ID: 235329 Cleanup Completion Date: -	802 TAYLOR CUT-OFF R	NW 1/2 - 1 (0.737 mi.)	I26	46

Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: Information on facilities and sites of interest to the Department of Ecology.

A review of the ALLSITES list, as provided by EDR, and dated 04/17/2020 has revealed that there are 6 ALLSITES sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DELHUR INDUSTRIES HA	***2657 RIVER RD***	***SSW 1/8 - 1/4 (0.153 mi.)***	***B6***	***28***

Facility Id: 7867				
SEQUIM FISH HATCHERY Facility Id: 36735251	301 FISH HATCHERY RD	SSW 1/4 - 1/2 (0.372 mi.)	D13	37
HALLER DAM Facility Id: 53618975		SW 1/4 - 1/2 (0.493 mi.)	F19	41
THERMO COOL RADIATOR Facility Id: 11289	2222 TAYLOR CUTOFF R	WSW 1/2 - 1 (0.525 mi.)	G22	42

Lower Elevation	Address	Direction / Distance	Map ID	Page
CLALLAM CNTY PUD 1 L Facility Id: 28364844	***100 BURNT MT PL***	***NNE 1/2 - 1 (0.866 mi.)***	***J27***	***48***
ANDERSON RESIDENTIAL Facility Id: 40388	***486 RIVER RD***	***N 1/2 - 1 (0.966 mi.)***	***K30***	***51***

CDL: Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological , damage and death. Biological hazards associated with intravenous needles, associated with intravenous needles, feces, and blood risks.

A review of the CDL list, as provided by EDR, and dated 12/31/2019 has revealed that there is 1 CDL site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	425 DUNGENESS MEADOW	NNW 0 - 1/8 (0.032 mi.)	A1	8

Records of Emergency Release Reports

SPILLS: Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

A review of the SPILLS list, as provided by EDR, and dated 06/08/2020 has revealed that there are 6 SPILLS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHERRY POINT SUBDIVI Facility ID: 107341	MP 4.4	ESE 1/8 - 1/4 (0.245 mi.)	7	28
Not reported Facility ID: 642157	2822 RIVER ROAD	SSW 1/4 - 1/2 (0.277 mi.)	C9	32
SCARSELLA BROTHERS Facility ID: 642157	2822 RIVER ROAD	SSW 1/4 - 1/2 (0.277 mi.)	C10	33
Not reported Facility ID: 617958	176 HORSE TRAIL LANE	SW 1/4 - 1/2 (0.301 mi.)	11	34

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported Facility ID: 562747	425 DUNGENESS MEADOW	NNW 0 - 1/8 (0.032 mi.)	A2	8
Not reported	PORT OF VANCOUVER	NNE 1/2 - 1 (0.885 mi.)	J28	49

EXECUTIVE SUMMARY

Facility ID: 89974

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/23/2020 has revealed that there is 1 RCRA NonGen / NLR site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SEQUIM FISH HATCHERY EPA ID:: WAD982659146	301 FISH HATCHERY RD	SSW 1/4 - 1/2 (0.372 mi.)	D12	35

US MINES: Mines Master Index File. The source of this database is the Dept. of Labor, Mine Safety and Health Administration.

A review of the US MINES list, as provided by EDR, has revealed that there is 1 US MINES site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DELHUR INDUSTRIES IN Database: US MINES, Date of Government Version: 05/01/2020 Mine ID:: 4501923		S 1/4 - 1/2 (0.387 mi.)	14	37

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/03/2020 has revealed that there are 11 FINDS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DELHUR INDUSTRIES HA Registry ID:: 110040115817	***2657 RIVER RD***	***SSW 1/8 - 1/4 (0.153 mi.)***	***B5***	***27***
CALDERO Registry ID:: 110070560341	***423 FISH HATCHERY RO***	***SSW 1/4 - 1/2 (0.434 mi.)***	***15***	***37***
HALLER DAM Registry ID:: 110070565963		SW 1/4 - 1/2 (0.489 mi.)	F18	41

Registry ID:: 110015457593 Registry ID:: 110070157203				
DELHUR INDUSTRIES HA Registry ID:: 110015529891	RIVER RD 3 MI S OF S	S 1/2 - 1 (0.508 mi.)	20	42
THERMO COOL RADIATOR Registry ID:: 110056441916	2222 TAYLOR CUTOFF R	WSW 1/2 - 1 (0.525 mi.)	G21	42
SMITH-ALLEN Registry ID:: 110070385434	300 KINKADE ROAD	S 1/2 - 1 (0.718 mi.)	H23	43
BILLES Registry ID:: 110070560334	***1171 FISH HATCHERY R***	***S 1/2 - 1 (0.980 mi.)***	***31***	***52***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROBINSON Registry ID:: 110070106101	***121 & 131 SERENITY L***	***SSW 0 - 1/8 (0.067 mi.)***	***3***	***9***
MT. VIEW Registry ID:: 110064039561	***NEAR 407 DUNGENESS M***	***NNW 1/4 - 1/2 (0.274 mi.)***	***8***	***29***
JENKINS Registry ID:: 110070209806	802 TAYLOR CUT-OFF R	NW 1/2 - 1 (0.737 mi.)	I25	45
CLALLAM CNTY PUD 1 L Registry ID:: 110015498843	***100 BURNT MT PL***	***NNE 1/2 - 1 (0.866 mi.)***	***J27***	***48***

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 04/04/2020 has revealed that there is 1 ECHO site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DELHUR INDUSTRIES HA Registry ID: 110040115817	***2657 RIVER RD***	***SSW 1/8 - 1/4 (0.153 mi.)***	***B5***	***27***

ASBESTOS: Asbestos sites

A review of the ASBESTOS list, as provided by EDR, and dated 05/19/2020 has revealed that there are 2 ASBESTOS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	393 DUNGENESS MEADOW	NW 0 - 1/8 (0.114 mi.)	A4	25
Not reported	482 RIVER RD	N 1/2 - 1 (0.904 mi.)	K29	49

NPDES: A listing of permitted wastewater facilities.

A review of the NPDES list, as provided by EDR, and dated 04/13/2020 has revealed that there is 1 NPDES site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DELHUR INDUSTRIES HA	***2657 RIVER RD***	***SSW 1/8 - 1/4 (0.153 mi.)***	***B6***	***28***

EXECUTIVE SUMMARY

Permit ID: WAG501435
Facility Status: Active

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

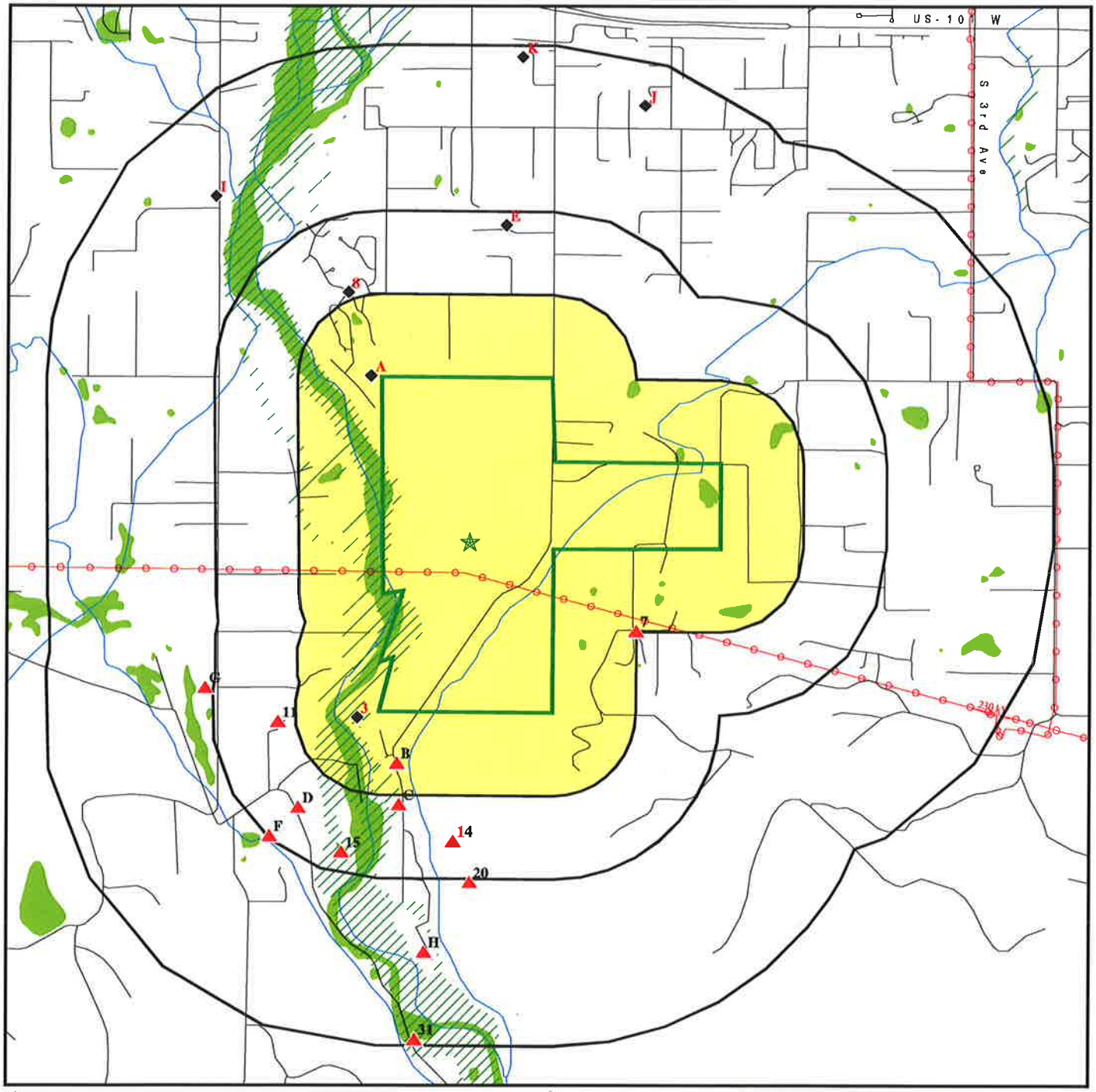
A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist Cleaner sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOOD IMPRESSIONS	124 LORRAINE DR A	N 1/4 - 1/2 (0.453 mi.)	E16	40
GOOD IMPRESSIONS	140 LORRAINE DR	N 1/4 - 1/2 (0.458 mi.)	E17	40

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6192668.2S



0 1/4 1/2 1 Miles

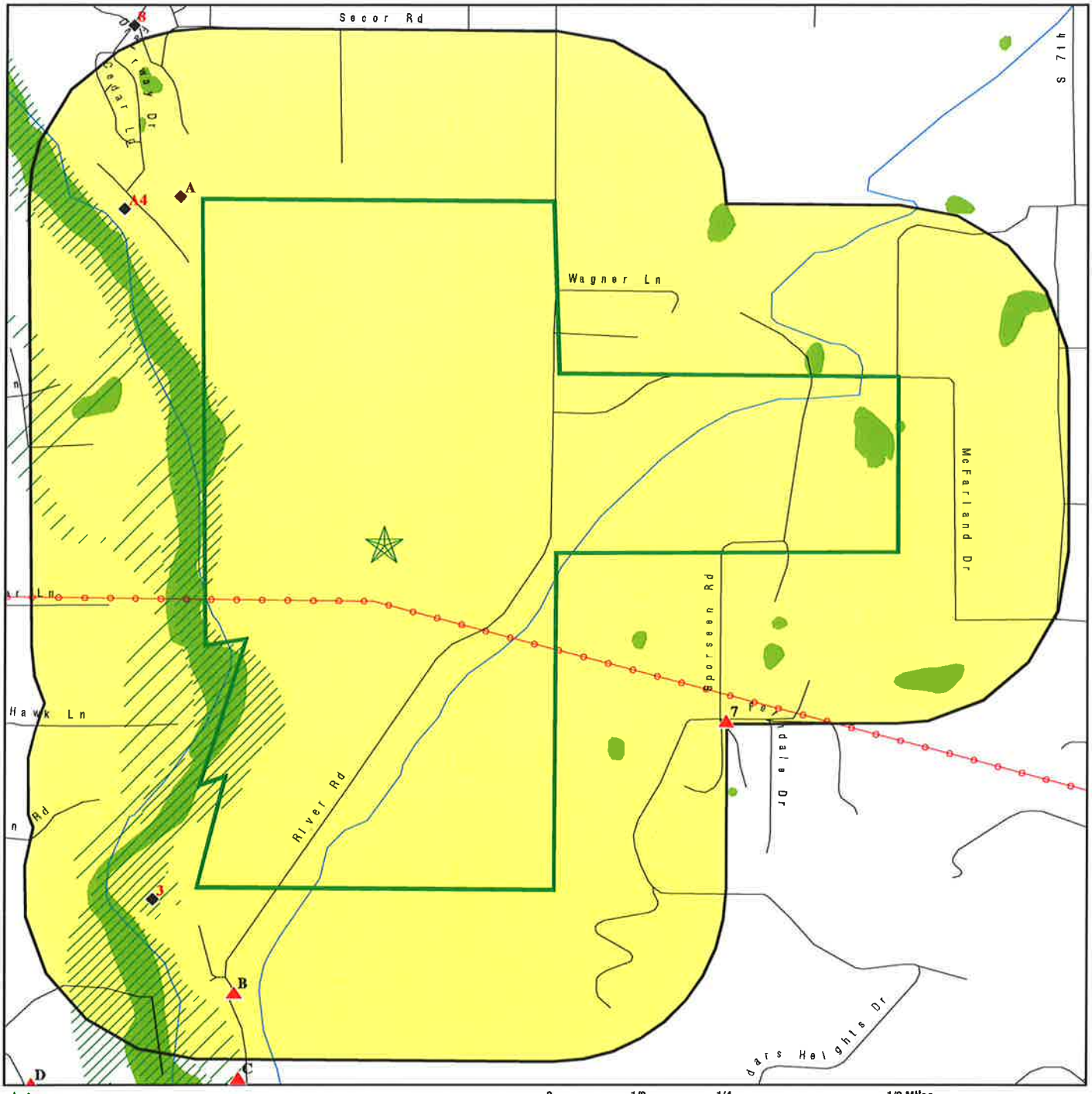
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Dungeness	CLIENT: Anchor QEA of North Carolina, PLLC
ADDRESS: RIVER RD Sequim WA 98382	CONTACT: Nikole Stout
LAT/LONG: 48.050668 / 123.14035	INQUIRY #: 6192668.2s DATE: September 16, 2020 9:01 am

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DETAIL MAP - 6192668.2S



0 1/8 1/4 1/2 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

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ADDRESS: RIVER RD Sequim WA 98382	CONTACT: Nikole Stout
LAT/LONG: 48.050668 / 123.14035	INQUIRY #: 6192668.2s DATE: September 16, 2020 9:02 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
SEMS	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	1.000		0	0	0	0	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	1.000		0	0	0	0	NR	0
Federal RCRA generators list								
RCRA-LQG	1.000		0	0	0	0	NR	0
RCRA-SQG	1.000		0	0	0	0	NR	0
RCRA-VSQG	1.000		0	0	0	0	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	1.000		0	0	0	0	NR	0
US ENG CONTROLS	1.000		0	0	0	0	NR	0
US INST CONTROLS	1.000		0	0	0	0	NR	0
Federal ERNS list								
ERNS	1.000		0	0	0	0	NR	0
State- and tribal - equivalent NPL								
HSL	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
CSCSL	1.000		0	0	0	1	NR	1
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	1.000		0	0	0	0	NR	0
State and tribal leaking storage tank lists								
LUST	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	1.000		0	0	0	0	NR	0
State and tribal registered storage tank lists								
FEMA UST	1.000		0	0	0	0	NR	0
UST	1.000		0	0	0	0	NR	0
AST	1.000		0	0	0	0	NR	0
INDIAN UST	1.000		0	0	0	0	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	1.000		0	0	0	0	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	1.000		0	0	0	0	NR	0
VCP	1.000		0	0	0	0	NR	0
ICR	1.000		0	0	0	0	NR	0
PTAP	1.000		0	0	0	0	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	1.000		0	0	0	0	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	1.000		1	0	2	3	NR	6
Local Lists of Landfill / Solid Waste Disposal Sites								
SWTIRE	1.000		0	0	0	0	NR	0
SWRCY	1.000		0	0	0	0	NR	0
INDIAN ODI	1.000		0	0	0	0	NR	0
ODI	1.000		0	0	0	0	NR	0
DEBRIS REGION 9	1.000		0	0	0	0	NR	0
IHS OPEN DUMPS	1.000		0	0	0	0	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	1.000		0	0	0	0	NR	0
ALLSITES	1.000		0	1	2	3	NR	6
CDL	1.000		1	0	0	0	NR	1
HIST CDL	1.000		0	0	0	0	NR	0
CSCSL NFA	1.000		0	0	0	0	NR	0
US CDL	1.000		0	0	0	0	NR	0
AQUEOUS FOAM	1.000		0	0	0	0	NR	0
PFAS	1.000		0	0	0	0	NR	0
Local Land Records								
LIENS 2	1.000		0	0	0	0	NR	0
Records of Emergency Release Reports								
HMIRS	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS	1.000		1	1	3	1	NR	6
SPILLS 90	1.000		0	0	0	0	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	1.000		0	0	1	0	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	1.000		0	0	0	0	NR	0
US FIN ASSUR	1.000		0	0	0	0	NR	0
EPA WATCH LIST	1.000		0	0	0	0	NR	0
2020 COR ACTION	1.000		0	0	0	0	NR	0
TSCA	1.000		0	0	0	0	NR	0
TRIS	1.000		0	0	0	0	NR	0
SSTS	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	1.000		0	0	0	0	NR	0
RAATS	1.000		0	0	0	0	NR	0
PRP	1.000		0	0	0	0	NR	0
PADS	1.000		0	0	0	0	NR	0
ICIS	1.000		0	0	0	0	NR	0
FTTS	1.000		0	0	0	0	NR	0
MLTS	1.000		0	0	0	0	NR	0
COAL ASH DOE	1.000		0	0	0	0	NR	0
COAL ASH EPA	1.000		0	0	0	0	NR	0
PCB TRANSFORMER	1.000		0	0	0	0	NR	0
RADINFO	1.000		0	0	0	0	NR	0
HIST FTTS	1.000		0	0	0	0	NR	0
DOT OPS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	1.000		0	0	0	0	NR	0
LEAD SMELTERS	1.000		0	0	0	0	NR	0
US AIRS	1.000		0	0	0	0	NR	0
US MINES	1.000		0	0	1	0	NR	1
ABANDONED MINES	1.000		0	0	0	0	NR	0
FINDS	1.000		1	1	3	6	NR	11
UXO	1.000		0	0	0	0	NR	0
ECHO	1.000		0	1	0	0	NR	1
DOCKET HWC	1.000		0	0	0	0	NR	0
FUELS PROGRAM	1.000		0	0	0	0	NR	0
AIRS	1.000		0	0	0	0	NR	0
ASBESTOS	1.000		1	0	0	1	NR	2
COAL ASH	1.000		0	0	0	0	NR	0
DRYCLEANERS	1.000		0	0	0	0	NR	0
Financial Assurance	1.000		0	0	0	0	NR	0
Inactive Drycleaners	1.000		0	0	0	0	NR	0
MANIFEST	1.000		0	0	0	0	NR	0
NPDES	1.000		0	1	0	0	NR	1
UIC	1.000		0	0	0	0	NR	0
MINES MRDS	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	1.000		0	0	0	0	NR	0
EDR Hist Cleaner	1.000		0	0	2	0	NR	2
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA HWS	1.000		0	0	0	0	NR	0
RGA LF	1.000		0	0	0	0	NR	0
RGA LUST	1.000		0	0	0	0	NR	0
- Totals --		0	5	5	14	15	0	39

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CDL** **S108893144**
NNW **425 DUNGENESS MEADOWS** **N/A**
< 1/8 **SEQUIM, WA**
0.032 mi.
171 ft. **Site 1 of 3 in cluster A**

Relative: CDL:
Lower

Name:	Not reported
Address:	425 DUNGENESS MEADOWS
City,State,Zip:	SEQUIM, WA
Tax ID Number:	043026-540675
Contamination Date:	6/7/2007
HD Case Number:	Not reported
Police Case Number:	Not reported
Facility Status:	Not reported
Notice Date:	Not reported
Release Date:	Not reported
Company:	Not reported

Actual:
355 ft.

A2 **SPILLS** **S108545083**
NNW **425 DUNGENESS MEADOWS LANE** **N/A**
< 1/8 **SEQUIM, WA**
0.032 mi.
171 ft. **Site 2 of 3 in cluster A**

Relative: SPILLS:
Lower

Name:	Not reported
Address:	425 DUNGENESS MEADOWS LANE
City,State,Zip:	SEQUIM, WA
Facility ID:	562747
Medium:	Not reported
Material Desc:	CHEMICAL
Material Qty:	1
Material Units:	OTHER
Date Received:	05/23/2007
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Actual:
355 ft.

3
SSW
< 1/8
0.067 mi.
352 ft.

ROBINSON
121 & 131 SERENITY LANE
SEQUIM, WA 98382

US BROWNFIELDS **1024008834**
FINDS **N/A**

Relative:
Lower

Actual:
415 ft.

US BROWNFIELDS:

Name:	ROBINSON
Address:	121 & 131 SERENITY LANE
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42,902,110,375,042,900,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000
Parcel size:	29
Latitude:	48.043156
Longitude:	-123.147587
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	The Jamestown S Klallam Tribe is a recipient of grant funding from the Washington State Salmon Recovery (SRF) Board and the Puget Sound Acquisition and Restoration Fund (PSARF) to purchase the Robinson property along the Dungeness River for floodplain and habitat restoration. Prior to purchase, the Tribe performed All Appropriate Inquiries into the environmental conditions on the property. In FY15, the Tribe used a portion of their Tribal Response Program site specific funding to perform a Phase I site assessment on these properties. The Tribe paid for a Phase II for sampling. Tribe used a portion of their Tribal Response Program funding to pay for cleanup, but the bulk of the funding for cleanup was Tribal. The property will be redeveloped into green space. Additional addresses: 2762 River Rd., 81 Serenity Ln. & 21 Serenity Ln. Additional parcel #s: 042902110200,042902110050,042902110225 & 042902110250
Datum:	North American Datum of 1983
Acres Property ID:	206981
IC Data Access:	-
Start Date:	11/6/2015
Redev Completition Date:	6/1/2017
Completed Date:	3/8/2016
Acres Cleaned Up:	4.5
Cleanup Funding:	2126
Cleanup Funding Source:	WA State Salmon Board
Assessment Funding:	20384
Assessment Funding Source:	Jamestown S'Klallam Tribe
Redevelopment Funding:	118245
Redev. Funding Source:	WA State Salmon Board
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	11/1/2016
Assessment Funding Entity:	State/Tribal Funding (non-section 128(a))
Cleanup Funding Entity:	State/Tribal Funding (non-section 128(a))
Grant Type:	-
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	00J70501
Start Date:	9/10/2015
Ownership Entity:	Government
Completion Date:	9/10/2015
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	Y

ROBINSON (Continued) **1024008834**

Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	Y
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	23
Past use residential acreage:	6
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	29
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	-

ROBINSON (Continued) **1024008834**

Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	The nine parcels contained 4 rental homes. The properties border the Dungeness River and experience flooding and erosion. In 2015 the Jamestown S Klallam Tribe received funding from the Washington State Salmon Recovery (SRF) Board and the Puget Sound Acquisition and Restoration Fund (PSARF) to purchase the Robinson property for floodplain and habitat restoration. Redevelopment will include the removal of all infrastructure and planting native species.
Below Poverty Number:	10
Below Poverty Percent:	11.49
Meidan Income:	385
Meidan Income Number:	23
Meidan Income Percent:	26.44
Vacant Housing Number:	6
Vacant Housing Percent:	13.27
Unemployed Number:	3
Unemployed Percent:	3.45
Name:	ROBINSON
Address:	121 & 131 SERENITY LANE
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42,902,110,375,042,900,000,000,000,000,000,000,000,000,000,000,000,000,000,000
Parcel size:	29
Latitude:	48.043156
Longitude:	-123.147587
HCM Label:	Address Matching-House Number

ROBINSON (Continued) **1024008834**

Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	The Jamestown S Klallam Tribe is a recipient of grant funding from the Washington State Salmon Recovery (SRF) Board and the Puget Sound Acquisition and Restoration Fund (PSARF) to purchase the Robinson property along the Dungeness River for floodplain and habitat restoration. Prior to purchase, the Tribe performed All Appropriate Inquiries into the environmental conditions on the property. In FY15, the Tribe used a portion of their Tribal Response Program site specific funding to perform a Phase I site assessment on these properties. The Tribe paid for a Phase II for sampling. Tribe used a portion of their Tribal Response Program funding to pay for cleanup, but the bulk of the funding for cleanup was Tribal. The property will be redeveloped into green space. Additional addresses: 2762 River Rd., 81 Serenity Ln. & 21 Serenity Ln. Additional parcel #s: 042902110200,042902110050,042902110225 & 042902110250
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Acres Property ID:	206981
IC Data Access:	-
Start Date:	11/6/2015
Redev Completition Date:	6/1/2017
Completed Date:	3/8/2016
Acres Cleaned Up:	4.5
Cleanup Funding:	7516
Cleanup Funding Source:	EPA
Assessment Funding:	20384
Assessment Funding Source:	Jamestown S'Klallam Tribe
Redevelopment Funding:	118245
Redev. Funding Source:	WA State Salmon Board
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	11/1/2016
Assessment Funding Entity:	State/Tribal Funding (non-section 128(a))
Cleanup Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Grant Type:	-
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	00J70501
Start Date:	9/10/2015
Ownership Entity:	Government
Completion Date:	9/10/2015
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-

ROBINSON (Continued) **1024008834**

Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	Y
Cleanup other description:	-
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Past use industrial acreage:	-
Future use greenspace acreage:	29
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-

ROBINSON (Continued) **1024008834**

Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
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Map Scale:	-
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ROBINSON (Continued) **1024008834**

	042902110200,042902110050,042902110225 & 042902110250
Datum:	North American Datum of 1983
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Start Date:	11/6/2015
Redev Completition Date:	6/1/2017
Completed Date:	3/8/2016
Acres Cleaned Up:	4.5
Cleanup Funding:	7516
Cleanup Funding Source:	EPA
Assessment Funding:	5700
Assessment Funding Source:	EPA
Redevelopment Funding:	118245
Redev. Funding Source:	WA State Salmon Board
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	11/1/2016
Assessment Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Cleanup Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Grant Type:	-
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	00J70501
Start Date:	9/10/2015
Ownership Entity:	Government
Completion Date:	9/10/2015
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-

ROBINSON (Continued) **1024008834**

Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	Y
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	23
Past use residential acreage:	6
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	29
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-

ROBINSON (Continued) **1024008834**

Property Description:	The nine parcels contained 4 rental homes. The properties border the Dungeness River and experience flooding and erosion. In 2015 the Jamestown S Klallam Tribe received funding from the Washington State Salmon Recovery (SRF) Board and the Puget Sound Acquisition and Restoration Fund (PSARF) to purchase the Robinson property for floodplain and habitat restoration. Redevelopment will include the removal of all infrastructure and planting native species.
Below Poverty Number:	10
Below Poverty Percent:	11.49
Meidan Income:	385
Meidan Income Number:	23
Meidan Income Percent:	26.44
Vacant Housing Number:	6
Vacant Housing Percent:	13.27
Unemployed Number:	3
Unemployed Percent:	3.45
Name:	ROBINSON
Address:	121 & 131 SERENITY LANE
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42,902,110,375,042,900,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000
Parcel size:	29
Latitude:	48.043156
Longitude:	-123.147587
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	The Jamestown S Klallam Tribe is a recipient of grant funding from the Washington State Salmon Recovery (SRF) Board and the Puget Sound Acquisition and Restoration Fund (PSARF) to purchase the Robinson property along the Dungeness River for floodplain and habitat restoration. Prior to purchase, the Tribe performed All Appropriate Inquiries into the environmental conditions on the property. In FY15, the Tribe used a portion of their Tribal Response Program site specific funding to perform a Phase I site assessment on these properties. The Tribe paid for a Phase II for sampling. Tribe used a portion of their Tribal Response Program funding to pay for cleanup, but the bulk of the funding for cleanup was Tribal. The property will be redeveloped into green space. Additional addresses: 2762 River Rd., 81 Serenity Ln. & 21 Serenity Ln. Additional parcel #s: 042902110200,042902110050,042902110225 & 042902110250
Datum:	North American Datum of 1983
Acres Property ID:	206981
IC Data Access:	-
Start Date:	11/6/2015
Redev Completition Date:	6/1/2017
Completed Date:	3/8/2016
Acres Cleaned Up:	4.5
Cleanup Funding:	16206
Cleanup Funding Source:	Jamestown S'Klallam Tribe
Assessment Funding:	5700
Assessment Funding Source:	EPA
Redevelopment Funding:	118245
Redev. Funding Source:	WA State Salmon Board
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))

ROBINSON (Continued) **1024008834**

Redevelopment Start Date:	11/1/2016
Assessment Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Cleanup Funding Entity:	State/Tribal Funding (non-section 128(a))
Grant Type:	-
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	00J70501
Start Date:	9/10/2015
Ownership Entity:	Government
Completion Date:	9/10/2015
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	Y
Cleanup other description:	-

ROBINSON (Continued) **1024008834**

Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	23
Past use residential acreage:	6
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	29
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	The nine parcels contained 4 rental homes. The properties border the Dungeness River and experience flooding and erosion. In 2015 the Jamestown S Klallam Tribe received funding from the Washington State Salmon Recovery (SRF) Board and the Puget Sound Acquisition and Restoration Fund (PSARF) to purchase the Robinson property for floodplain and habitat restoration. Redevelopment will include the removal of all infrastructure and planting native species.
Below Poverty Number:	10
Below Poverty Percent:	11.49
Meidan Income:	385
Meidan Income Number:	23
Meidan Income Percent:	26.44
Vacant Housing Number:	6
Vacant Housing Percent:	13.27
Unemployed Number:	3

ROBINSON (Continued) **1024008834**

Unemployed Percent:	3.45
Name:	ROBINSON
Address:	121 & 131 SERENITY LANE
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42,902,110,375,042,900,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000
Parcel size:	29
Latitude:	48.043156
Longitude:	-123.147587
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	The Jamestown S Klallam Tribe is a recipient of grant funding from the Washington State Salmon Recovery (SRF) Board and the Puget Sound Acquisition and Restoration Fund (PSARF) to purchase the Robinson property along the Dungeness River for floodplain and habitat restoration. Prior to purchase, the Tribe performed All Appropriate Inquiries into the environmental conditions on the property. In FY15, the Tribe used a portion of their Tribal Response Program site specific funding to perform a Phase I site assessment on these properties. The Tribe paid for a Phase II for sampling. Tribe used a portion of their Tribal Response Program funding to pay for cleanup, but the bulk of the funding for cleanup was Tribal. The property will be redeveloped into green space. Additional addresses: 2762 River Rd., 81 Serenity Ln. & 21 Serenity Ln. Additional parcel #s: 042902110200,042902110050,042902110225 & 042902110250
Datum:	North American Datum of 1983
Acres Property ID:	206981
IC Data Access:	-
Start Date:	11/6/2015
Redev Completition Date:	6/1/2017
Completed Date:	3/8/2016
Acres Cleaned Up:	4.5
Cleanup Funding:	16206
Cleanup Funding Source:	Jamestown S'Klallam Tribe
Assessment Funding:	20384
Assessment Funding Source:	Jamestown S'Klallam Tribe
Redevelopment Funding:	118245
Redev. Funding Source:	WA State Salmon Board
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	11/1/2016
Assessment Funding Entity:	State/Tribal Funding (non-section 128(a))
Cleanup Funding Entity:	State/Tribal Funding (non-section 128(a))
Grant Type:	-
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	00J70501
Start Date:	9/10/2015
Ownership Entity:	Government
Completion Date:	9/10/2015
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y

ROBINSON (Continued) **1024008834**

Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	Y
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	23
Past use residential acreage:	6
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	29
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-

ROBINSON (Continued) **1024008834**

Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	The nine parcels contained 4 rental homes. The properties border the Dungeness River and experience flooding and erosion. In 2015 the Jamestown S Klallam Tribe received funding from the Washington State Salmon Recovery (SRF) Board and the Puget Sound Acquisition and Restoration Fund (PSARF) to purchase the Robinson property for floodplain and habitat restoration. Redevelopment will include the removal of all infrastructure and planting native species.
Below Poverty Number:	10
Below Poverty Percent:	11.49
Meidan Income:	385
Meidan Income Number:	23
Meidan Income Percent:	26.44
Vacant Housing Number:	6
Vacant Housing Percent:	13.27
Unemployed Number:	3
Unemployed Percent:	3.45
Name:	ROBINSON
Address:	121 & 131 SERENITY LANE
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42,902,110,375,042,900,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000
Parcel size:	29
Latitude:	48.043156
Longitude:	-123.147587
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	The Jamestown S Klallam Tribe is a recipient of grant funding from

ROBINSON (Continued) **1024008834**

the Washington State Salmon Recovery (SRF) Board and the Puget Sound Acquisition and Restoration Fund (PSARF) to purchase the Robinson property along the Dungeness River for floodplain and habitat restoration. Prior to purchase, the Tribe performed All Appropriate Inquiries into the environmental conditions on the property. In FY15, the Tribe used a portion of their Tribal Response Program site specific funding to perform a Phase I site assessment on these properties. The Tribe paid for a Phase II for sampling. Tribe used a portion of their Tribal Response Program funding to pay for cleanup, but the bulk of the funding for cleanup was Tribal. The property will be redeveloped into green space. Additional addresses: 2762 River Rd., 81 Serenity Ln. & 21 Serenity Ln. Additional parcel #s: 042902110200,042902110050,042902110225 & 042902110250

Datum:	North American Datum of 1983
Acres Property ID:	206981
IC Data Access:	-
Start Date:	11/6/2015
Redev Completition Date:	6/1/2017
Completed Date:	3/8/2016
Acres Cleaned Up:	4.5
Cleanup Funding:	2126
Cleanup Funding Source:	WA State Salmon Board
Assessment Funding:	5700
Assessment Funding Source:	EPA
Redevelopment Funding:	118245
Redev. Funding Source:	WA State Salmon Board
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	11/1/2016
Assessment Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Cleanup Funding Entity:	State/Tribal Funding (non-section 128(a))
Grant Type:	-
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	00J70501
Start Date:	9/10/2015
Ownership Entity:	Government
Completion Date:	9/10/2015
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-

ROBINSON (Continued) **1024008834**

Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	Y
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	23
Past use residential acreage:	6
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	29
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-

ROBINSON (Continued) **1024008834**

No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	The nine parcels contained 4 rental homes. The properties border the Dungeness River and experience flooding and erosion. In 2015 the Jamestown S Klallam Tribe received funding from the Washington State Salmon Recovery (SRF) Board and the Puget Sound Acquisition and Restoration Fund (PSARF) to purchase the Robinson property for floodplain and habitat restoration. Redevelopment will include the removal of all infrastructure and planting native species.
Below Poverty Number:	10
Below Poverty Percent:	11.49
Meidan Income:	385
Meidan Income Number:	23
Meidan Income Percent:	26.44
Vacant Housing Number:	6
Vacant Housing Percent:	13.27
Unemployed Number:	3
Unemployed Percent:	3.45

FINDS:
Registry ID: 110070106101

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A4 **ASBESTOS** **S119177279**
NW **393 DUNGENESS MEADOWS KITCHEN** **N/A**
< 1/8 **SEQUIM, WA 98382**
0.114 mi.
601 ft. **Site 3 of 3 in cluster A**

Relative: **Lower**
Actual: **342 ft.**

ASBESTOS:

Name:	Not reported
Address:	393 DUNGENESS MEADOWS KITCHEN
City,State,Zip:	SEQUIM, WA 98382
Facility Type:	Residence
Parent ID:	0
Form ID:	119743##1590ASIAb236450
Notice Date:	07/22/2016
Start Date:	07/26/2016
Completion Date:	07/26/2016
Initial:	1

(Continued) **S119177279**

Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	1
Site Hours Start:	8:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	Not reported
Tuesday:	1
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	4256734900
Job Site CAS:	Jeff Gardner
Project Form Email:	paulw@asi-abate.com
Property Owner Name:	Amy Lynn
Property Owner Agent:	Amy Lynn
Property Owner Company:	ASI Abatement Services Inc (ABCN00001590)
Property Owner Address:	393 Dungeness Meadows
Property Owner City:	Sequim
Property Owner State:	WA
Property Owner Zip4:	98382
Property Owner Phone:	360-477-2448
Job Site Room:	Kitchen
Facility Age:	+/- 1965
Facility Size:	+/- 1800
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	1
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	100
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported

(Continued) **S119177279**

Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Waiver of the 10 day waiting period requested to John Stebbins. No answer at region 3 phone so left messages.
Date Time Submitted:	2016-07-22 14:51:21
Submitter IP Address:	50.35.103.137
Region:	3
UBI:	603411519
Notice type:	Initial
Project Type:	Sheet Vinyl
Supervisor:	Jeff Gardner ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

B5 **DELHUR INDUSTRIES HALLER QUARRY** **FINDS 1012302825**
SSW **2657 RIVER RD** **ECHO N/A**
1/8-1/4 **SEQUIM, WA 98382**
0.153 mi.
806 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
437 ft.

FINDS:
Registry ID: 110040115817

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the

DELHUR INDUSTRIES HALLER QUARRY (Continued) **1012302825**

discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1012302825
Registry ID:	110040115817
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110040115817
Name:	DELHUR INDUSTRIES HALLER QUARRY
Address:	2657 RIVER RD
City,State,Zip:	SEQUIM, WA 98382

B6 **DELHUR INDUSTRIES HALLER QUARRY** **ALLSITES** **S110038489**
SSW **2657 RIVER RD** **NPDES** **N/A**
1/8-1/4 **SEQUIM, WA 98382**
0.153 mi.
806 ft. **Site 2 of 2 in cluster B**

Relative:
Higher

Actual:
437 ft.

ALLSITES:

Name:	DELHUR INDUSTRIES HALLER QUARRY
Facility Id:	7867

NPDES:

Name:	DELHUR INDUSTRIES HALLER QUARRY
Address:	2657 RIVER RD
City,State,Zip:	SEQUIM, WA 98382
Facility Status:	Active
Facility Type:	Sand and Gravel GP
Admin Region:	Southwest
Date Issued:	02/17/2016
Latitude:	48.03667717
Longitude:	-123.139518
Permit ID:	WAG501435
Permit Version:	3
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Scott Morrison
WRIA:	Elwah-Dungeness
Permit Expiration Date:	03/31/2021
Effective Date:	04/01/2016
Days to Expiration:	-352

---

7 **CHERRY POINT SUBDIVISION** **SPILLS** **S125233699**
ESE **MP 4.4** **N/A**
1/8-1/4 **FERNDALE, WA**
0.245 mi.
1296 ft.

Relative:
Higher

Actual:
635 ft.

SPILLS:

Name:	CHERRY POINT SUBDIVISION
Address:	MP 4.4
City,State,Zip:	FERNDALE, WA
Facility ID:	107341
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL

CHERRY POINT SUBDIVISION (Continued) **S125233699**

Material Qty:	2
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	06/26/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	48.04692
Longitude:	-123.12954
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	2
Resp Party Contact:	Edward Lutz
Cause:	BNSF Lube Oil Spill 06/26/2019
Cause Type:	Not reported
Resp Party Name:	BNSF

Name:	CHERRY POINT SUBDIVISION
Address:	MP 4.4
City,State,Zip:	FERNDALE, WA
Facility ID:	107341
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	2
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	06/26/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	48.04692
Longitude:	-123.12954
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	2
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	BNSF

---

8 **MT. VIEW** **US BROWNFIELDS** **1017782464**
NNW **NEAR 407 DUNGENESS MEADOWS** **FINDS** **N/A**
1/4-1/2 **SEQUIM, WA 98382**
0.274 mi.
1445 ft.

Relative: **Lower**
Actual: **325 ft.**

US BROWNFIELDS:

Name:	MT. VIEW
Address:	NEAR 407 DUNGENESS MEADOWS
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	43035110025
Parcel size:	2.3
Latitude:	48.055619
Longitude:	-123.146486

MT. VIEW (Continued) **1017782464**

HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	In October 2014, the owner of this parcel proposed to donate it to the Jamestown S Klallam Tribe. The property has irrigation infrastructure and a portion of the Dungeness Meadows levee on it. The irrigation association obtained a utilities easement on the property prior to donation. Other than that, the Tribe did not know anything about how the property has been used over the years and it was decided to have an environmental professional conduct an initial site investigation to look for RECs prior to accepting the donation.
Datum:	North American Datum of 1983
Acres Property ID:	189821
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	1040
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	00J70501
Start Date:	10/15/2014
Ownership Entity:	Government
Completion Date:	10/15/2014
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	Y
Cleanup Required:	N
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-

MT. VIEW (Continued) **1017782464**

Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	2.3
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	2.3
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-

MT. VIEW (Continued) **1017782464**

Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	This 2.3 ac. parcel borders the Dungeness River and sits on a portion of the Dungeness Meadows levee.
Below Poverty Number:	90
Below Poverty Percent:	12.71
Meidan Income:	5028
Meidan Income Number:	380
Meidan Income Percent:	53.67
Vacant Housing Number:	61
Vacant Housing Percent:	16.1
Unemployed Number:	22
Unemployed Percent:	3.11

FINDS:
Registry ID: 110064039561

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

C9 **SPILLS** **S113887721**
SSW **2822 RIVER ROAD** **N/A**
1/4-1/2 **SEQUIM, WA**
0.277 mi.
1463 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
441 ft.

SPILLS:

Name:	Not reported
Address:	2822 RIVER ROAD
City,State,Zip:	SEQUIM, WA
Facility ID:	642157
Medium:	SOIL
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	60
Material Units:	GALLON
Date Received:	06/26/2013
Contact Name:	Unknown
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported

(Continued) **S113887721**

Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported
Name:	Not reported
Address:	2822 RIVER ROAD
City,State,Zip:	SEQUIM, WA
Facility ID:	642157
Medium:	SOIL
Material Desc:	PETROLEUM - GASOLINE
Material Qty:	60
Material Units:	GALLON
Date Received:	06/26/2013
Contact Name:	Unknown
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

C10 **SCARSELLA BROTHERS** **SPILLS** **S113887722**
SSW **2822 RIVER ROAD** **N/A**
1/4-1/2 **SEQUIM, WA**
0.277 mi.
1463 ft. **Site 2 of 2 in cluster C**

Relative: SPILLS:
Higher

Actual: | | |
|---|---|
| **441 ft.** Name: | SCARSELLA BROTHERS |
| Address: | 2822 RIVER ROAD |
| City,State,Zip: | SEQUIM, WA |
| Facility ID: | 642157 |
| Medium: | SURFACE WATER-FRESH |
| Material Desc: | PETROLEUM - DIESEL FUEL |
| Material Qty: | Not reported |
| Material Units: | Not reported |
| Date Received: | 06/26/2013 |
| Contact Name: | Not reported |
| Incident Date: | Not reported |
| Incident Category Type: | Not reported |
| Incident Category: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Source Type: | Not reported |
| Source: | Not reported |
| Vessel Facility Name2: | Not reported |
| Recovered Quantity: | Not reported |
| Resp Party Contact: | Not reported |

SCARSELLA BROTHERS (Continued) **S113887722**

Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported
Name:	SCARSELLA BROTHERS
Address:	2822 RIVER ROAD
City,State,Zip:	SEQUIM, WA
Facility ID:	642157
Medium:	SURFACE WATER-FRESH
Material Desc:	PETROLEUM - HYDRAULIC OIL
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	06/26/2013
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

11
SW
1/4-1/2
0.301 mi.
1588 ft.

176 HORSE TRAIL LANE
SEQUIM, WA

SPILLS **S110276925**
N/A

Relative:
Higher

Actual:
436 ft.

SPILLS:

Name:	Not reported
Address:	176 HORSE TRAIL LANE
City,State,Zip:	SEQUIM, WA
Facility ID:	617958
Medium:	SOIL
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	02/05/2010
Contact Name:	Unknown
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

D12
SSW
1/4-1/2
0.372 mi.
1966 ft.

SEQUIM FISH HATCHERY
301 FISH HATCHERY RD
SEQUIM, WA 98382

RCRA NonGen / NLR

1000199902
WAD982659146

Site 1 of 2 in cluster D

Relative:
Higher

Actual:
461 ft.

RCRA NonGen / NLR:
Date form received by agency: 1989-08-10 00:00:00.0

Facility name:	SEQUIM FISH HATCHERY
Facility address:	301 FISH HATCHERY RD SEQUIM, WA 98382
EPA ID:	WAD982659146
Mailing address:	7272 CLEANWATER LANE MSLU11 OLYMPIA, WA 98504
Contact:	Not reported
Contact address:	301 FISH HATCHERY RD SEQUIM, WA 98382
Contact country:	Not reported
Contact telephone:	000-000-0000
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SEQUIM FISH HATCHERY
Owner/operator address:	301 FISH HATCHERY RD SEQUIM, WA 98382
Owner/operator country:	US
Owner/operator telephone:	000-000-0000
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SEE PAPER COPY
Owner/operator address:	301 FISH HATCHERY RD SEQUIM, WA 98382
Owner/operator country:	Not reported
Owner/operator telephone:	000-000-0000
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SEQUIM FISH HATCHERY
Owner/operator address:	301 FISH HATCHERY RD SEQUIM, WA 98382
Owner/operator country:	US
Owner/operator telephone:	000-000-0000
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

SEQUIM FISH HATCHERY (Continued) **1000199902**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: WA ECY
Owner/operator address: 301 FISH HATCHERY RD
SEQUIM, WA 98382
Owner/operator country: US
Owner/operator telephone: 000-000-0000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: WA ECY
Owner/operator address: 301 FISH HATCHERY RD
SEQUIM, WA 98382
Owner/operator country: US
Owner/operator telephone: 000-000-0000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 1996-05-02 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 1989-08-10 00:00:00.0
Site name: SEQUIM FISH HATCHERY
Classification: Not a generator, verified

Date form received by agency: 1989-08-10 00:00:00.0
Site name: SEQUIM FISH HATCHERY
Classification: Not a generator, verified

SEQUIM FISH HATCHERY (Continued) **1000199902**

Violation Status: No violations found

D13 **SEQUIM FISH HATCHERY** **ALLSITES** **S109555438**
SSW **301 FISH HATCHERY RD** **N/A**
1/4-1/2 **SEQUIM, WA 98382**
0.372 mi.
1966 ft. **Site 2 of 2 in cluster D**

Relative:
Higher

Actual:
461 ft.

ALLSITES:
Name: SEQUIM FISH HATCHERY
Facility Id: 36735251

---

14 **DELHUR INDUSTRIES INC** **US MINES** **1016513162**
South **N/A**
1/4-1/2 **CLALLAM (County), WA**
0.387 mi.
2043 ft.

Relative:
Higher

Actual:
642 ft.

US MINES:

Sic Code(s):	142904
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	4501923
Entity Name:	HALLERS PIT
Company:	DELHUR INDUSTRIES INC
Status:	2
Status Date:	19930202
Operation Class:	2
Number of Shops:	0
Number of Plants:	0
Latitude Degree:	48
Longitude Degree:	123
Latitude Minute:	02
Latitude Seconds:	16
Longitude Minutes:	08
Longitude Seconds:	29
Number of Pits:	000

---

15 **CALDERO** **US BROWNFIELDS** **1025816554**
SSW **423 FISH HATCHERY ROAD** **FINDS** **N/A**
1/4-1/2 **SEQUIM, WA 98382**
0.434 mi.
2292 ft.

Relative:
Higher

Actual:
455 ft.

US BROWNFIELDS:

Name:	CALDERO
Address:	423 FISH HATCHERY ROAD
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42901330450
Parcel size:	9.65
Latitude:	48.03733

CALDERO (Continued) **1025816554**

Longitude:	-123.148594
HCM Label:	-
Map Scale:	-
Point of Reference:	-
Highlights:	Property was purchased by the Jamestown S'Klallam Tribe with grant funding from the Washington State Salmon Board for salmon habitat restoration.
Datum:	-
Acres Property ID:	238062
IC Data Access:	-
Start Date:	-
Redev Completition Date:	12/15/2017
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	2900
Assessment Funding Source:	EPA
Redevelopment Funding:	9291
Redev. Funding Source:	Jamestown Tribe
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	10/2/2017
Assessment Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Cleanup Funding Entity:	-
Grant Type:	-
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	00J70501
Start Date:	11/1/2016
Ownership Entity:	Government
Completion Date:	11/10/2016
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	N
Cleanup Required:	N
Video Available:	-
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-

CALDERO (Continued) **1025816554**

No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	3
Past use greenspace acreage:	-
Past use residential acreage:	9.65
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	9.65
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-

CALDERO (Continued) **1025816554**

Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Privately-owned single-family dwelling with outbuildings. 9.65 acres within the floodplain of the Dungeness River.
Below Poverty Number:	14
Below Poverty Percent:	12.5
Meidan Income:	629
Meidan Income Number:	43
Meidan Income Percent:	38.39
Vacant Housing Number:	8
Vacant Housing Percent:	13.54
Unemployed Number:	4
Unemployed Percent:	3.57

FINDS:
Registry ID: 110070560341

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

E16 **GOOD IMPRESSIONS** **EDR Hist Cleaner** **1019997199**
North **124 LORRAINE DR A** **N/A**
1/4-1/2 **SEQUIM, WA 98382**
0.453 mi.
2390 ft. **Site 1 of 2 in cluster E**

Relative: EDR Hist Cleaner
Lower

Actual: **342 ft.**

Year:	Name:	Type:
1991	GOOD IMPRESSIONS	Drycleaning Plants, Except Rugs, NEC
1992	GOOD IMPRESSIONS	Drycleaning Plants, Except Rugs, NEC
1993	GOOD IMPRESSIONS	Drycleaning Plants, Except Rugs, NEC

E17 **GOOD IMPRESSIONS** **EDR Hist Cleaner** **1019997201**
North **140 LORRAINE DR** **N/A**
1/4-1/2 **SEQUIM, WA 98382**
0.458 mi.
2420 ft. **Site 2 of 2 in cluster E**

Relative: EDR Hist Cleaner
Lower

Actual: **341 ft.**

Year:	Name:	Type:
1994	GOOD IMPRESSIONS	Drycleaning Plants, Except Rugs, NEC
1995	GOOD IMPRESSIONS	Drycleaning Plants, Except Rugs, NEC

F18
SW
1/4-1/2
0.489 mi.
2580 ft.

HALLER DAM
SEQUIM, WA 98382
Site 1 of 2 in cluster F

FINDS **1007069159**
N/A

Relative:
Higher

Actual:
489 ft.

FINDS:
Registry ID: 110015457593

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
Registry ID: 110070157203

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Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
Registry ID: 110070565963

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Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

F19
SW
1/4-1/2
0.493 mi.
2602 ft.

HALLER DAM
SEQUIM, WA 98382
Site 2 of 2 in cluster F

ALLSITES **S109555287**
N/A

Relative:
Higher

Actual:
491 ft.

ALLSITES:
Name: HALLER DAM
Facility Id: 53618975

20
South
1/2-1
0.508 mi.
2683 ft.

DELHUR INDUSTRIES HALLER QUARRY — **FINDS** — **1007076334**
RIVER RD 3 MI S OF SEQUIM — **N/A**
SEQUIM, WA 98382

Relative:
Higher

Actual:
616 ft.

FINDS:
Registry ID: 110015529891

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

G21
WSW
1/2-1
0.525 mi.
2770 ft.

THERMO COOL RADIATOR — **FINDS** — **1016703438**
2222 TAYLOR CUTOFF RD — **N/A**
SEQUIM, WA 98382

Site 1 of 2 in cluster G

Relative:
Higher

Actual:
442 ft.

FINDS:
Registry ID: 110056441916

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

G22
WSW
1/2-1
0.525 mi.
2770 ft.

THERMO COOL RADIATOR — **ALLSITES** — **S110625446**
2222 TAYLOR CUTOFF RD — **N/A**
SEQUIM, WA 98382

Site 2 of 2 in cluster G

Relative:
Higher

Actual:
442 ft.

ALLSITES:
Name: THERMO COOL RADIATOR
Facility Id: 11289

H23 **SMITH-ALLEN** **FINDS** **1024598068**
South **300 KINKADE ROAD** **N/A**
1/2-1 **SEQUIM, WA 98382**
0.718 mi.
3793 ft. **Site 1 of 2 in cluster H**

Relative: FINDS:
Higher Registry ID: 110070385434

Actual:
470 ft. Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

H24 **SMITH-ALLEN** **US BROWNFIELDS** **1025442633**
South **300 KINKADE ROAD** **N/A**
1/2-1 **SEQUIM, WA 98382**
0.718 mi.
3793 ft. **Site 2 of 2 in cluster H**

Relative: US BROWNFIELDS:
Higher

Actual:
470 ft.

Name:	SMITH-ALLEN
Address:	300 KINKADE ROAD
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	042901320310,042901320150,042901320200,
Parcel size:	2
Latitude:	48.0330057
Longitude:	-123.1432951
HCM Label:	-
Map Scale:	-
Point of Reference:	-
Highlights:	Property purchased by the Jamestown Tribe with funding from the Washington State Salmon Board for salmon habitat restoration.
Datum:	-
Acres Property ID:	238061
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	4500
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Cleanup Funding Entity:	-
Grant Type:	-
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	00J70501

SMITH-ALLEN (Continued) **1025442633**

Start Date:	6/19/2017
Ownership Entity:	Government
Completion Date:	6/20/2017
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	N
Cleanup Required:	N
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	2
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	2

SMITH-ALLEN (Continued) **1025442633**

Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Properties contained travel trailers & shacks used as fishing camps. They are within the floodplain of the Dungeness River.
Below Poverty Number:	13
Below Poverty Percent:	11.93
Meidan Income:	617
Meidan Income Number:	42
Meidan Income Percent:	38.53
Vacant Housing Number:	8
Vacant Housing Percent:	13.89
Unemployed Number:	3
Unemployed Percent:	2.75

I25 JENKINS **FINDS 1024215278**
NW 802 TAYLOR CUT-OFF RD. **N/A**
1/2-1 SEQUIM, WA 98382
0.737 mi.
3889 ft. Site 1 of 2 in cluster I

Relative:
Lower

Actual:
302 ft.

FINDS:
Registry ID: 110070209806

Click Here:

JENKINS (Continued) **1024215278**

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

I26 **JENKINS** **US BROWNFIELDS** **1024247156**
NW **802 TAYLOR CUT-OFF RD.** **N/A**
1/2-1 **SEQUIM, WA 98382**
0.737 mi.
3889 ft. **Site 2 of 2 in cluster I**

Relative:
Lower

Actual:
302 ft.

US BROWNFIELDS:

Name:	JENKINS
Address:	802 TAYLOR CUT-OFF RD.
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	043026130050, 043026420150
Parcel size:	11
Latitude:	48.0655249
Longitude:	-123.1573832
HCM Label:	-
Map Scale:	-
Point of Reference:	-
Highlights:	These parcels were identified for purchase by the Jamestown S'Klallam Tribe using funds from the WA State Salmon Board for salmon habitat restoration. Prior to purchase a Phase I ESA had to be performed to determine if there is any contamination.
Datum:	-
Acres Property ID:	235329
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	2900
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Cleanup Funding Entity:	-
Grant Type:	-
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	00J70501
Start Date:	8/21/2017
Ownership Entity:	Private
Completion Date:	8/28/2017
Current Owner:	Jenkins Family
Did Owner Change:	N
Cleanup Required:	N

JENKINS (Continued) **1024247156**

Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	8
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-

JENKINS (Continued) **1024247156**

Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Most of these two parcels are within the floodplain of the Dungeness River. The Tribe proposes to purchase (with Salmon Board funding) the 8 acres within the floodplain from the Jenkins family and restore it as salmon habitat. The Jenkins will retain the acreage on which they have a single-family residence.
Below Poverty Number:	56
Below Poverty Percent:	12.25
Meidan Income:	1879
Meidan Income Number:	195
Meidan Income Percent:	42.67
Vacant Housing Number:	35
Vacant Housing Percent:	14.47
Unemployed Number:	14
Unemployed Percent:	3.06

J27 **CLALLAM CNTY PUD 1 LOMA** **ALLSITES** **1007073251**
NNE **100 BURNT MT PL** **FINDS** **N/A**
1/2-1 **SEQUIM, WA 98382**
0.866 mi.
4571 ft. **Site 1 of 2 in cluster J**

Relative:
Lower

Actual:
313 ft.

ALLSITES:
Name: CLALLAM CNTY PUD 1 LOMA
Facility Id: 28364844

FINDS:
Registry ID: 110015498843

CLALLAM CNTY PUD 1 LOMA (Continued) **1007073251**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

J28 **SPILLS** **S118758340**
NNE **PORT OF VANCOUVER** **N/A**
1/2-1 **VANCOUVER, WA**
0.885 mi.
4675 ft. **Site 2 of 2 in cluster J**

Relative: SPILLS:
Lower
Actual: Name: Not reported
312 ft. Address: PORT OF VANCOUVER
City,State,Zip: VANCOUVER, WA
Facility ID: 89974
Medium: Marine
Material Desc: PAINT (OIL-BASED)
Material Qty: 1
Material Units: Not reported
Date Received: Not reported
Contact Name: Not reported
Incident Date: 07/25/2016
Incident Category Type: Oil Spill
Incident Category: Oil Spill
Latitude: 48.0697
Longitude: -123.1275
Source Type: Public Lands
Source: Drum or container
Vessel Facility Name2: Not reported
Recovered Quantity: Not reported
Resp Party Contact: Not reported
Cause: Not reported
Cause Type: Not reported
Resp Party Name: Seaways Maritime International SA

K29 **ASBESTOS** **S121511705**
North **482 RIVER RD** **N/A**
1/2-1 **SEQUIM, WA 98362**
0.904 mi.
4771 ft. **Site 1 of 2 in cluster K**

Relative: ASBESTOS:
Lower
Actual: Name: Not reported
311 ft. Address: 482 RIVER RD
City,State,Zip: SEQUIM, WA 98362
Facility Type: House
Parent ID: 0
Form ID: 155885##1532TACOM640989

(Continued) **S121511705**

Notice Date:	02/27/2018
Start Date:	03/09/2018
Completion Date:	03/09/2018
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	8:00 a.m.
Site Hours End:	4:00 p.m.
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	bsurber@tacomaabatementcompany.com
Property Owner Name:	Mike Richards
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	482 River Rd
Property Owner City:	Sequim
Property Owner State:	WA
Property Owner Zip4:	98382
Property Owner Phone:	801-703-8350
Job Site Room:	Not reported
Facility Age:	1973
Facility Size:	1678
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	1
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	127
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported

ANDERSON RESIDENTIAL PROPERTY (Continued) **S123095865**

Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	ANDERSON RESIDENTIAL PROPERTY
Facility Id:	40388

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31 South 1/2-1 0.980 mi. 5177 ft. **BILLES** **US BROWNFIELDS 1025816547**
1171 FISH HATCHERY ROAD **FINDS N/A**
SEQUIM, WA 98382

Relative: Higher

Actual: 482 ft.

US BROWNFIELDS:

Name:	BILLES
Address:	1171 FISH HATCHERY ROAD
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42901330450
Parcel size:	9.65
Latitude:	48.029599
Longitude:	-123.142678
HCM Label:	-
Map Scale:	-
Point of Reference:	-
Highlights:	This property was purchased by the Jamestown S'Klallam Tribe with funding from Washington State Salmon Board. The property is within the Dungeness River floodplain and will be restored to salmon habitat. Not reported
Datum:	-
Acres Property ID:	237965
IC Data Access:	-
Start Date:	5/15/2018
Redev Completition Date:	10/10/2018
Completed Date:	7/3/2018
Acres Cleaned Up:	9.65
Cleanup Funding:	4885
Cleanup Funding Source:	EPA
Assessment Funding:	3200
Assessment Funding Source:	Jamestown Tribe
Redevelopment Funding:	31629
Redev. Funding Source:	Jamestown Tribe
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	7/2/2018
Assessment Funding Entity:	State/Tribal Funding (non-section 128(a))
Cleanup Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Grant Type:	-
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	01J29401
Start Date:	2/2/2018
Ownership Entity:	Government

BILLES (Continued) **1025816547**

Completion Date:	2/14/2018
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	-
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Y
PCBs cleaned up:	Y
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	3
Past use greenspace acreage:	-
Past use residential acreage:	9.65
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	9.65
Future use residential acreage:	-
Future use commercial acreage:	-

BILLES (Continued) **1025816547**

Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Single-family dwelling with outbuildings and trailers used for storage. The property is within the Dungeness River floodplain.
Below Poverty Number:	6
Below Poverty Percent:	13.64
Meidan Income:	668
Meidan Income Number:	26
Meidan Income Percent:	59.09
Vacant Housing Number:	4
Vacant Housing Percent:	16.75
Unemployed Number:	1
Unemployed Percent:	2.27
Name:	BILLES
Address:	1171 FISH HATCHERY ROAD
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42901330450
Parcel size:	9.65
Latitude:	48.029599
Longitude:	-123.142678
HCM Label:	-
Map Scale:	-
Point of Reference:	-

BILLES (Continued) **1025816547**

Highlights:	This property was purchased by the Jamestown S'Klallam Tribe with funding from Washington State Salmon Board. The property is within the Dungeness River floodplain and will be restored to salmon habitat.
Datum:	Not reported
Acres Property ID:	237965
IC Data Access:	-
Start Date:	5/15/2018
Redev Completition Date:	10/10/2018
Completed Date:	7/3/2018
Acres Cleaned Up:	9.65
Cleanup Funding:	712
Cleanup Funding Source:	EPA
Assessment Funding:	3200
Assessment Funding Source:	Jamestown Tribe
Redevelopment Funding:	31629
Redev. Funding Source:	Jamestown Tribe
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	7/2/2018
Assessment Funding Entity:	State/Tribal Funding (non-section 128(a))
Cleanup Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Grant Type:	-
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	01J29401
Start Date:	2/2/2018
Ownership Entity:	Government
Completion Date:	2/14/2018
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	-
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-

BILLES (Continued) **1025816547**

Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Y
PCBs cleaned up:	Y
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	3
Past use greenspace acreage:	-
Past use residential acreage:	9.65
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	9.65
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-

BILLES (Continued) **1025816547**

Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Single-family dwelling with outbuildings and trailers used for storage. The property is within the Dungeness River floodplain.
Below Poverty Number:	6
Below Poverty Percent:	13.64
Meidan Income:	668
Meidan Income Number:	26
Meidan Income Percent:	59.09
Vacant Housing Number:	4
Vacant Housing Percent:	16.75
Unemployed Number:	1
Unemployed Percent:	2.27
Name:	BILLES
Address:	1171 FISH HATCHERY ROAD
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42901330450
Parcel size:	9.65
Latitude:	48.029599
Longitude:	-123.142678
HCM Label:	-
Map Scale:	-
Point of Reference:	-
Highlights:	This property was purchased by the Jamestown S'Klallam Tribe with funding from Washington State Salmon Board. The property is within the Dungeness River floodplain and will be restored to salmon habitat. Not reported
Datum:	-
Acres Property ID:	237965
IC Data Access:	-
Start Date:	5/15/2018
Redev Completition Date:	10/10/2018
Completed Date:	7/3/2018
Acres Cleaned Up:	9.65
Cleanup Funding:	4885
Cleanup Funding Source:	EPA
Assessment Funding:	6201
Assessment Funding Source:	Jamestown Tribe
Redevelopment Funding:	31629
Redev. Funding Source:	Jamestown Tribe
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	7/2/2018
Assessment Funding Entity:	State/Tribal Funding (non-section 128(a))
Cleanup Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Grant Type:	-
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	01J29401
Start Date:	3/30/2018
Ownership Entity:	Government
Completion Date:	5/8/2018
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	-

BILLES (Continued) **1025816547**

Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Y
PCBs cleaned up:	Y
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	3
Past use greenspace acreage:	-
Past use residential acreage:	9.65
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	9.65
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-

BILLES (Continued) **1025816547**

Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Single-family dwelling with outbuildings and trailers used for storage. The property is within the Dungeness River floodplain.
Below Poverty Number:	6
Below Poverty Percent:	13.64
Meidan Income:	668
Meidan Income Number:	26
Meidan Income Percent:	59.09
Vacant Housing Number:	4
Vacant Housing Percent:	16.75
Unemployed Number:	1
Unemployed Percent:	2.27
Name:	BILLES
Address:	1171 FISH HATCHERY ROAD
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42901330450
Parcel size:	9.65
Latitude:	48.029599
Longitude:	-123.142678
HCM Label:	-
Map Scale:	-
Point of Reference:	-
Highlights:	This property was purchased by the Jamestown S'Klallam Tribe with funding from Washington State Salmon Board. The property is within the Dungeness River floodplain and will be restored to salmon habitat.

BILLES (Continued) **1025816547**

	Not reported
Datum:	-
Acres Property ID:	237965
IC Data Access:	-
Start Date:	5/15/2018
Redev Completition Date:	10/10/2018
Completed Date:	7/3/2018
Acres Cleaned Up:	9.65
Cleanup Funding:	712
Cleanup Funding Source:	EPA
Assessment Funding:	6201
Assessment Funding Source:	Jamestown Tribe
Redevelopment Funding:	31629
Redev. Funding Source:	Jamestown Tribe
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	7/2/2018
Assessment Funding Entity:	State/Tribal Funding (non-section 128(a))
Cleanup Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Grant Type:	-
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	01J29401
Start Date:	3/30/2018
Ownership Entity:	Government
Completion Date:	5/8/2018
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	-
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-

BILLES (Continued) **1025816547**

Other contams found description:	-
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Y
PCBs cleaned up:	Y
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	3
Past use greenspace acreage:	-
Past use residential acreage:	9.65
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	9.65
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-

BILLES (Continued) **1025816547**

Property Description:	Single-family dwelling with outbuildings and trailers used for storage. The property is within the Dungeness River floodplain.
Below Poverty Number:	6
Below Poverty Percent:	13.64
Meidan Income:	668
Meidan Income Number:	26
Meidan Income Percent:	59.09
Vacant Housing Number:	4
Vacant Housing Percent:	16.75
Unemployed Number:	1
Unemployed Percent:	2.27
Name:	BILLES
Address:	1171 FISH HATCHERY ROAD
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42901330450
Parcel size:	9.65
Latitude:	48.029599
Longitude:	-123.142678
HCM Label:	-
Map Scale:	-
Point of Reference:	-
Highlights:	This property was purchased by the Jamestown S'Klallam Tribe with funding from Washington State Salmon Board. The property is within the Dungeness River floodplain and will be restored to salmon habitat. Not reported
Datum:	-
Acres Property ID:	237965
IC Data Access:	-
Start Date:	5/15/2018
Redev Completition Date:	10/10/2018
Completed Date:	7/3/2018
Acres Cleaned Up:	9.65
Cleanup Funding:	4885
Cleanup Funding Source:	EPA
Assessment Funding:	4200
Assessment Funding Source:	Jamestown Tribe
Redevelopment Funding:	31629
Redev. Funding Source:	Jamestown Tribe
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	7/2/2018
Assessment Funding Entity:	State/Tribal Funding (non-section 128(a))
Cleanup Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Grant Type:	-
Accomplishment Type:	Cleanup Planning
Accomplishment Count:	N
Cooperative Agreement Number:	01J29401
Start Date:	7/2/2018
Ownership Entity:	Government
Completion Date:	7/6/2018
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	-
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y

BILLES (Continued) **1025816547**

Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Y
PCBs cleaned up:	Y
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	3
Past use greenspace acreage:	-
Past use residential acreage:	9.65
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	9.65
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-

BILLES (Continued) **1025816547**

Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Single-family dwelling with outbuildings and trailers used for storage. The property is within the Dungeness River floodplain.
Below Poverty Number:	6
Below Poverty Percent:	13.64
Meidan Income:	668
Meidan Income Number:	26
Meidan Income Percent:	59.09
Vacant Housing Number:	4
Vacant Housing Percent:	16.75
Unemployed Number:	1
Unemployed Percent:	2.27
Name:	BILLES
Address:	1171 FISH HATCHERY ROAD
City,State,Zip:	SEQUIM, WA 98382
Recipient Name:	Jamestown S Klallam Tribe of Washington
Grant Type:	Section 128(a) State/Tribal
Property Number:	42901330450
Parcel size:	9.65
Latitude:	48.029599
Longitude:	-123.142678
HCM Label:	-
Map Scale:	-
Point of Reference:	-
Highlights:	This property was purchased by the Jamestown S'Klallam Tribe with funding from Washington State Salmon Board. The property is within the Dungeness River floodplain and will be restored to salmon habitat. Not reported
Datum:	-
Acres Property ID:	237965

BILLES (Continued) **1025816547**

IC Data Access:	-
Start Date:	5/15/2018
Redev Completition Date:	10/10/2018
Completed Date:	7/3/2018
Acres Cleaned Up:	9.65
Cleanup Funding:	712
Cleanup Funding Source:	EPA
Assessment Funding:	4200
Assessment Funding Source:	Jamestown Tribe
Redevelopment Funding:	31629
Redev. Funding Source:	Jamestown Tribe
Redev. Funding Entity Name:	State/Tribal Funding (non-section 128(a))
Redevelopment Start Date:	7/2/2018
Assessment Funding Entity:	State/Tribal Funding (non-section 128(a))
Cleanup Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Grant Type:	-
Accomplishment Type:	Cleanup Planning
Accomplishment Count:	N
Cooperative Agreement Number:	01J29401
Start Date:	7/2/2018
Ownership Entity:	Government
Completion Date:	7/6/2018
Current Owner:	Jamestown S'Klallam Tribe
Did Owner Change:	-
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	Y
PAHs cleaned up:	Y

BILLES (Continued) **1025816547**

PCBs found:	Y
PCBs cleaned up:	Y
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	3
Past use greenspace acreage:	-
Past use residential acreage:	9.65
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	9.65
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Single-family dwelling with outbuildings and trailers used for storage. The property is within the Dungeness River floodplain.
Below Poverty Number:	6

BILLES (Continued) **1025816547**

Below Poverty Percent:	13.64
Meidan Income:	668
Meidan Income Number:	26
Meidan Income Percent:	59.09
Vacant Housing Number:	4
Vacant Housing Percent:	16.75
Unemployed Number:	1
Unemployed Percent:	2.27

FINDS:
Registry ID: 110070560334

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 09/03/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 09/03/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 09/03/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/03/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/03/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/22/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/26/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 60

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 09/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/13/2020
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/05/2020
Date Data Arrived at EDR: 06/11/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 20

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations
A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 02/02/2016
Date Made Active in Reports: 05/03/2016
Number of Days to Update: 91

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/23/2020
Next Scheduled EDR Contact: 11/01/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List
Sites that have institutional controls.

Date of Government Version: 04/13/2020
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Varies

ICR: Independent Cleanup Reports
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: No Update Planned

VCP: Voluntary Cleanup Program Sites
Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 04/13/2020
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

PTAP: PTAP Site Listing
A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-0515
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing
A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 04/13/2020
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facility List
A llisting of recycling center locations.

Date of Government Version: 04/30/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/11/2020
Number of Days to Update: 84

Source: Department of Ecology
Telephone: 360-407-6105
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

SWTIRE: Solid Waste Tire Facilities
This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

SWTIRE 2: Solid Waste Tire Facilities 2
solid waste tire piles

Date of Government Version: 06/03/2020
Date Data Arrived at EDR: 06/04/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 425-649-7104
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ALLSITES: Facility/Site Identification System Listing
Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 04/17/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6423
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Contaminated Site List
Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 69

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

HIST CDL: List of Sites Contaminated by Clandestine Drug Labs
This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/19/2007
Number of Days to Update: 23

Source: Department of Health
Telephone: 360-236-3381
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

CSCSL NFA: Confirmed and Contaminated Sites - No Further Action
This report contains information about sites that are undergoing cleanup and sites that are awaiting further investigation and/or cleanup. Sites on the Hazardous Sites List (see above) are included in this data set.

Date of Government Version: 04/13/2020
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Quarterly

AQUEOUS FOAM: Firefighting Foam Incidents
Aqueous film-forming foam-laced water running off from fuel spills, firefighting events and routine training sessions has put those chemicals in ground water, surface water, sediments, biota, and other natural resources of the state.

Date of Government Version: 03/28/2020
Date Data Arrived at EDR: 04/02/2020
Date Made Active in Reports: 06/24/2020
Number of Days to Update: 83

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 07/01/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing
PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 04/21/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 07/01/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/03/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

SPILLS: Reported Spills
Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/01/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/15/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/03/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/03/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/13/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/30/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/24/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/03/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/21/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/01/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/04/2020
Date Data Arrived at EDR: 04/07/2020
Date Made Active in Reports: 06/26/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 76

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/06/2020
Number of Days to Update: 69

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 06/05/2020
Date Made Active in Reports: 08/21/2020
Number of Days to Update: 77

Source: Department of Labor & Industries
Telephone: 360-902-6209
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 06/24/2020
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 68

Source: Department of Ecology
Telephone: 360-586-1060
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 360-407-6754
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/15/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/04/2018
Number of Days to Update: 45

Source: Department of Ecology
Telephone: 360-407-6136
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

INACTIVE DRYCLEANERS: Inactive Drycleaners

A listing of inactive drycleaner facility locations.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WA MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 87

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Annually

NPDES: Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 04/13/2020
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing

A listing of underground injection wells.

Date of Government Version: 04/13/2020
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/11/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 07/01/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

KING COUNTY:

LF KING: Abandoned Landfill Study in King County
The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE COUNTY:

LF SEATTLE CITY: Abandoned Landfill Study in the City of Seattle
The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

LF SEATTLE/KING: Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project
This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

LF SNOHOMISH: Solid Waste Sites of Record at Snohomish Health District
Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/25/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 29

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

TACOMA/PIERCE COUNTY:

LF TACOMA/PIERCE: Closed Landfill Survey
Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing
Source: Department of Social & Health Services
Telephone: 253-383-1735

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Ecology
Telephone: 360-407-6121

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DUNGENESS
RIVER RD
SEQUIM, WA 98382

TARGET PROPERTY COORDINATES

Latitude (North):	48.050668 - 48° 3' 2.40"
Longitude (West):	123.14035 - 123° 8' 25.26"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	489540.4
UTM Y (Meters):	5321722.5
Elevation:	423 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6004179 CARLSBORG, WA
Version Date:	2014
East Map:	6004197 SEQUIM, WA
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

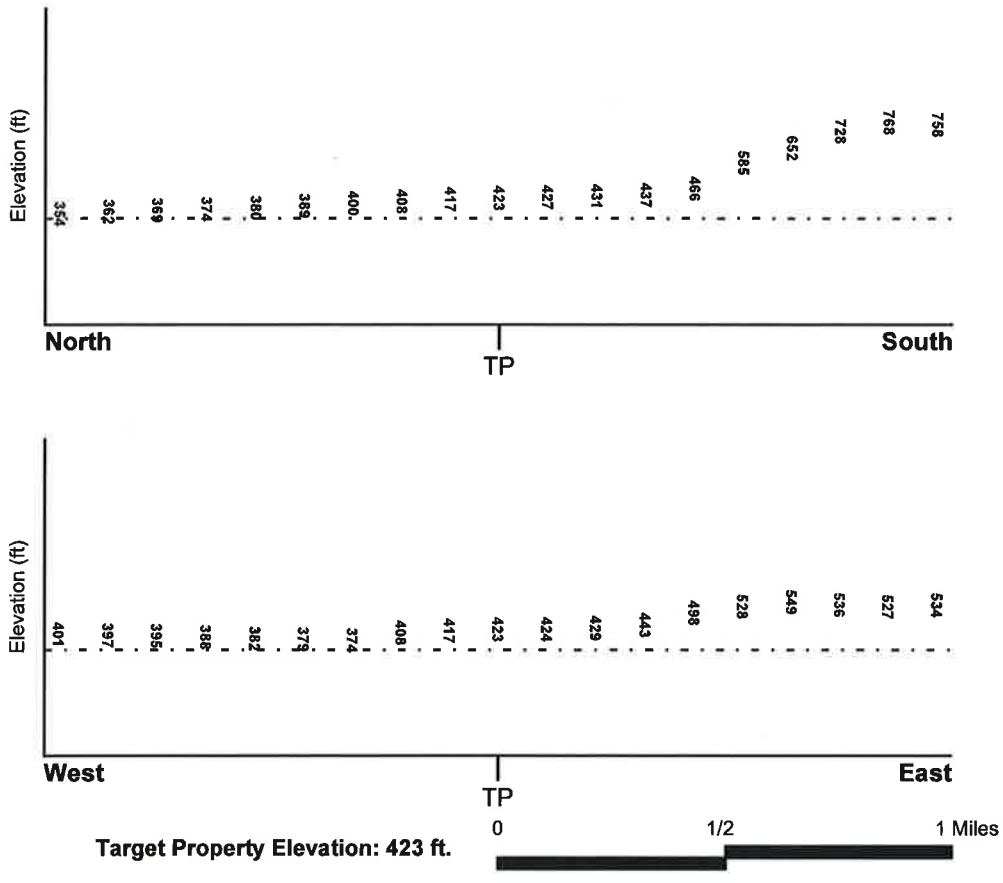
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
5300210540D	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
CARLSBORG	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

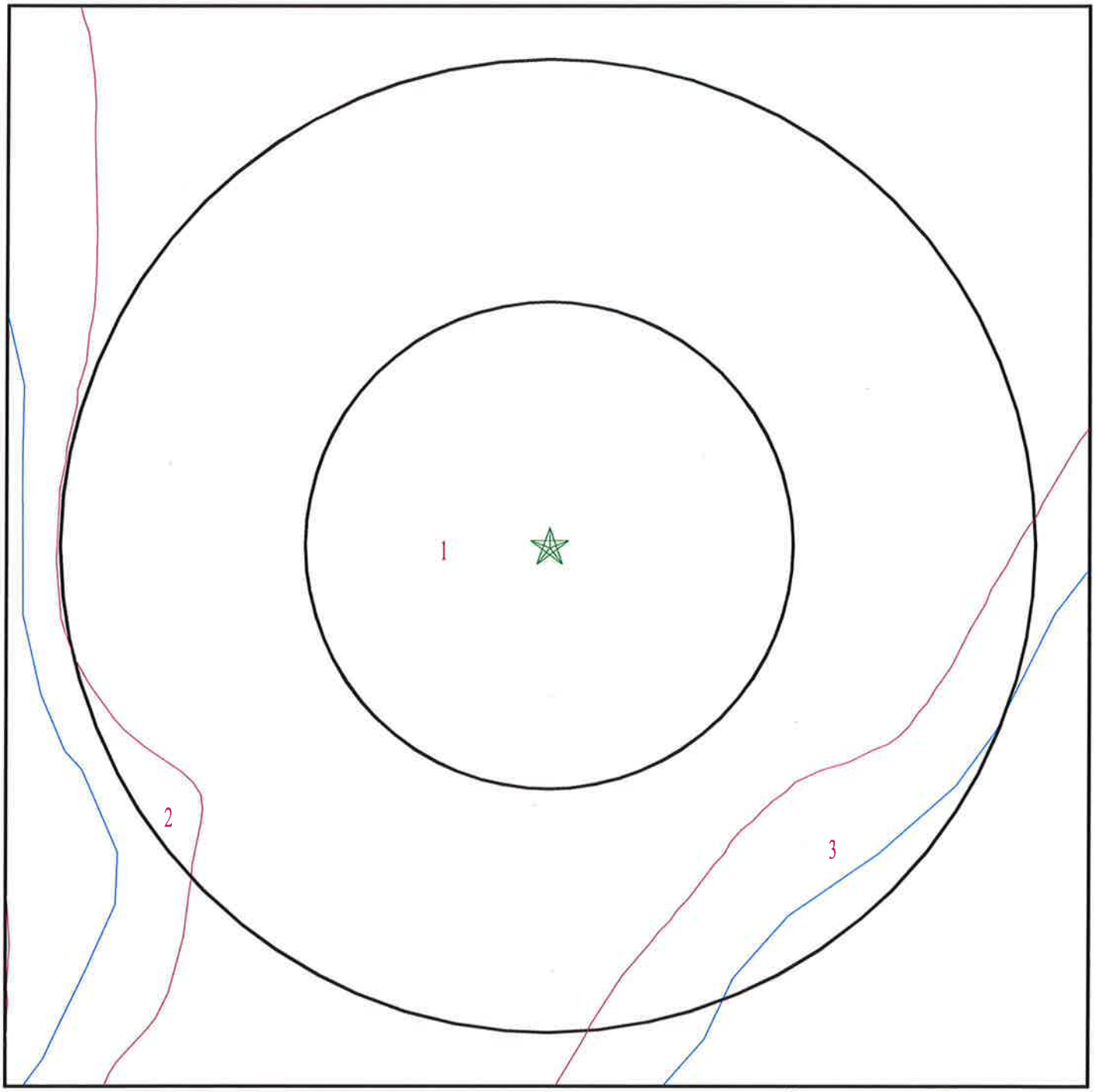
Era:	Cenozoic
System:	Tertiary
Series:	Oligocene
Code:	To *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6192668.2s



★ Target Property
SSURGO Soil
Water

SITE NAME: Dungeness	CLIENT: Anchor QEA of North Carolina, PLLC
ADDRESS: RIVER RD Sequim WA 98382	CONTACT: Nikole Stout
LAT/LONG: 48.050668 / 123.14035	INQUIRY #: 6192668.2s DATE: September 16, 2020 9:02 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Carlsborg

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 7.3 Min: 6.1
2	9 inches	20 inches	very gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 7.3 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	20 inches	59 inches	extremely gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 7.3 Min: 6.1

Soil Map ID: 2

Soil Component Name: Riverwash

Soil Surface Texture: stratified gravel to sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	stratified gravel to sand	Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Clallam

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 0.42 Min: 0.01	Max: 6.5 Min: 5.1
2	9 inches	27 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 0.42 Min: 0.01	Max: 6.5 Min: 5.1
3	27 inches	59 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 0.42 Min: 0.01	Max: 6.5 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1.000 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40001281519	1/8 - 1/4 Mile SE
29	USGS40001281724	1/4 - 1/2 Mile NE
G30	USGS40001281504	1/4 - 1/2 Mile ESE
G31	USGS40001281460	1/2 - 1 Mile ESE
L61	USGS40001281699	1/2 - 1 Mile WNW
I69	USGS40001281287	1/2 - 1 Mile SE
70	USGS40001281725	1/2 - 1 Mile WNW
79	USGS40001282002	1/2 - 1 Mile NNW
O80	USGS40001281335	1/2 - 1 Mile East
81	USGS40001281683	1/2 - 1 Mile WNW
P82	USGS40001280820	1/2 - 1 Mile SSW
P83	USGS40001281204	1/2 - 1 Mile SSW
102	USGS40001281698	1/2 - 1 Mile NW
Q129	USGS40001281643	1/2 - 1 Mile ENE
S130	USGS40001281943	1/2 - 1 Mile North
S131	USGS40001281944	1/2 - 1 Mile North
132	USGS40001281459	1/2 - 1 Mile ESE
T133	USGS40001281628	1/2 - 1 Mile West
T134	USGS40001281627	1/2 - 1 Mile West
W161	USGS40001281337	1/2 - 1 Mile WSW
X162	USGS40001282001	1/2 - 1 Mile North
163	USGS40001281713	1/2 - 1 Mile WNW
164	USGS40001280768	1/2 - 1 Mile SE
191	USGS40001281994	1/2 - 1 Mile NNW
AB192	USGS40001281332	1/2 - 1 Mile ESE
AB193	USGS40001281333	1/2 - 1 Mile ESE
AB194	USGS40001281336	1/2 - 1 Mile ESE
AB195	USGS40001281334	1/2 - 1 Mile ESE
X206	USGS40001282015	1/2 - 1 Mile North
AD207	USGS40001281769	1/2 - 1 Mile WNW
AE208	USGS40001281918	1/2 - 1 Mile North
AE209	USGS40001282003	1/2 - 1 Mile North
AG232	USGS40001281697	1/2 - 1 Mile West
AG233	USGS40001281611	1/2 - 1 Mile West
235	USGS40001281995	1/2 - 1 Mile NNW
AH239	USGS40001282029	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AH240	USGS40001282030	1/2 - 1 Mile NNE
241	USGS40001281320	1/2 - 1 Mile WSW
242	USGS40001281426	1/2 - 1 Mile WSW
AH243	USGS40001282053	1/2 - 1 Mile NNE
244	USGS40001281721	1/2 - 1 Mile ENE
AI245	USGS40001281479	1/2 - 1 Mile East
AI246	USGS40001281481	1/2 - 1 Mile East
AI247	USGS40001281480	1/2 - 1 Mile East
AJ248	USGS40001281770	1/2 - 1 Mile WNW
AL256	USGS40001282101	1/2 - 1 Mile North
AL257	USGS40001282100	1/2 - 1 Mile North
AL258	USGS40001282102	1/2 - 1 Mile North
AL259	USGS40001282104	1/2 - 1 Mile North
AL260	USGS40001282103	1/2 - 1 Mile North
261	USGS40001281435	1/2 - 1 Mile WSW
AJ262	USGS40001281796	1/2 - 1 Mile WNW
AN290	USGS40001281175	1/2 - 1 Mile SW
AN291	USGS40001281174	1/2 - 1 Mile SW
AM318	USGS40001281620	1/2 - 1 Mile East
AM319	USGS40001281621	1/2 - 1 Mile East
AO320	USGS40001282125	1/2 - 1 Mile North
AO321	USGS40001282124	1/2 - 1 Mile North
AO322	USGS40001282126	1/2 - 1 Mile North
AO323	USGS40001282128	1/2 - 1 Mile North
AO324	USGS40001282127	1/2 - 1 Mile North
AR365	USGS40001281461	1/2 - 1 Mile West
AR366	USGS40001281462	1/2 - 1 Mile West
AT367	USGS40001281349	1/2 - 1 Mile ESE
AV373	USGS40001282153	1/2 - 1 Mile NNW
AV374	USGS40001282154	1/2 - 1 Mile NNW
375	USGS40001281808	1/2 - 1 Mile WNW
AV376	USGS40001282155	1/2 - 1 Mile NNW
AX402	USGS40001281740	1/2 - 1 Mile ENE
AY403	USGS40001282122	1/2 - 1 Mile NNE
AY404	USGS40001282123	1/2 - 1 Mile NNE
425	USGS40001282826	1/2 - 1 Mile NNW
426	USGS40001282190	1/2 - 1 Mile North
BA427	USGS40001281252	1/2 - 1 Mile WSW
BA428	USGS40001281376	1/2 - 1 Mile WSW
BB443	USGS40001281069	1/2 - 1 Mile WSW
BD444	USGS40001281968	1/2 - 1 Mile NW
445	USGS40001281946	1/2 - 1 Mile NW
BD446	USGS40001281967	1/2 - 1 Mile NW
447	USGS40001281321	1/2 - 1 Mile WSW
448	USGS40001281741	1/2 - 1 Mile ENE
BE450	USGS40001281598	1/2 - 1 Mile East
BE451	USGS40001281518	1/2 - 1 Mile East
BE452	USGS40001281641	1/2 - 1 Mile East
BE453	USGS40001281642	1/2 - 1 Mile East
BD454	USGS40001281996	1/2 - 1 Mile NW
455	USGS40001282152	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	WALOG1000060594	1/8 - 1/4 Mile SE
A3	WALOG1000060595	1/8 - 1/4 Mile SE
B4	WALOG1000060506	1/8 - 1/4 Mile East
B5	WALOG1000061595	1/8 - 1/4 Mile East
6	WALOG1000059180	1/8 - 1/4 Mile North
7	WA1100000009166	1/4 - 1/2 Mile WSW
C8	WALOG1000327407	1/4 - 1/2 Mile ESE
C9	WALOG1000327404	1/4 - 1/2 Mile ESE
C10	WALOG1000060779	1/4 - 1/2 Mile ESE
C11	WALOG1000384313	1/4 - 1/2 Mile ESE
C12	WALOG1000441528	1/4 - 1/2 Mile ESE
C13	WALOG1000426478	1/4 - 1/2 Mile ESE
C14	WALOG1000426220	1/4 - 1/2 Mile ESE
C15	WALOG1000425680	1/4 - 1/2 Mile ESE
C16	WALOG1000425681	1/4 - 1/2 Mile ESE
C17	WA1100000031762	1/4 - 1/2 Mile ESE
C18	WA1100000031763	1/4 - 1/2 Mile ESE
D19	WALOG1000059658	1/4 - 1/2 Mile SSW
D20	WALOG1000060701	1/4 - 1/2 Mile SSW
E21	WALOG1000201981	1/4 - 1/2 Mile WNW
E22	WALOG1000306088	1/4 - 1/2 Mile WNW
E23	WALOG1000328284	1/4 - 1/2 Mile WNW
F24	WALOG1000059639	1/4 - 1/2 Mile WSW
F25	WALOG1000060771	1/4 - 1/2 Mile WSW
F26	WALOG1000060885	1/4 - 1/2 Mile WSW
F27	WALOG1000283687	1/4 - 1/2 Mile WSW
F28	WALOG1000060871	1/4 - 1/2 Mile WSW
H32	WALOG1000061510	1/2 - 1 Mile NE
H33	WALOG1000062050	1/2 - 1 Mile NE
H34	WALOG1000062109	1/2 - 1 Mile NE
H35	WALOG1000059615	1/2 - 1 Mile NE
H36	WALOG1000059632	1/2 - 1 Mile NE
H37	WALOG1000061288	1/2 - 1 Mile NE
H38	WALOG1000342469	1/2 - 1 Mile NE
H39	WALOG1000451971	1/2 - 1 Mile NE
H40	WALOG1000703745	1/2 - 1 Mile NE
H41	WALOG1000201370	1/2 - 1 Mile NE
H42	WALOG1000255530	1/2 - 1 Mile NE
H43	WALOG1000256271	1/2 - 1 Mile NE
I44	WA1100000009508	1/2 - 1 Mile SE
I45	WALOG1000061659	1/2 - 1 Mile SE
I46	WALOG1000059711	1/2 - 1 Mile SE
I47	WALOG1000061658	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I48	WALOG1000263931	1/2 - 1 Mile SE
I49	WALOG1000332145	1/2 - 1 Mile SE
I50	WALOG1000463332	1/2 - 1 Mile SE
I51	WA1100000030915	1/2 - 1 Mile SE
J52	WALOG1000062097	1/2 - 1 Mile NW
J53	WALOG1000061698	1/2 - 1 Mile NW
J54	WALOG1000238960	1/2 - 1 Mile NW
J55	WALOG1000340815	1/2 - 1 Mile NW
J56	WALOG1000238965	1/2 - 1 Mile NW
K57	WALOG1000251709	1/2 - 1 Mile SW
K58	WALOG1000060051	1/2 - 1 Mile SW
K59	WALOG1000255813	1/2 - 1 Mile SW
K60	WA1100000031728	1/2 - 1 Mile SW
M62	WALOG1000059325	1/2 - 1 Mile ENE
M63	WALOG1000059097	1/2 - 1 Mile ENE
M64	WALOG1000059055	1/2 - 1 Mile ENE
M65	WALOG1000059326	1/2 - 1 Mile ENE
M66	WALOG1000061480	1/2 - 1 Mile ENE
M67	WALOG1000061378	1/2 - 1 Mile ENE
M68	WALOG1000060108	1/2 - 1 Mile ENE
L71	WALOG1000059088	1/2 - 1 Mile WNW
L72	WALOG1000058525	1/2 - 1 Mile WNW
L73	WALOG1000281151	1/2 - 1 Mile WNW
L74	WALOG1000061157	1/2 - 1 Mile WNW
N75	WALOG1000060132	1/2 - 1 Mile WSW
N76	WALOG1000061764	1/2 - 1 Mile WSW
N77	WALOG1000059676	1/2 - 1 Mile WSW
N78	WALOG1000058782	1/2 - 1 Mile WSW
Q84	WALOG1000059457	1/2 - 1 Mile East
Q85	WALOG1000060924	1/2 - 1 Mile East
Q86	WALOG1000427078	1/2 - 1 Mile East
R87	WALOG1000061926	1/2 - 1 Mile North
R88	WALOG1000203236	1/2 - 1 Mile North
R89	WALOG1000061686	1/2 - 1 Mile North
R90	WALOG1000058624	1/2 - 1 Mile North
R91	WALOG1000059659	1/2 - 1 Mile North
R92	WALOG1000203944	1/2 - 1 Mile North
R93	WALOG1000371506	1/2 - 1 Mile North
R94	WALOG1000409939	1/2 - 1 Mile North
R95	WALOG1000344852	1/2 - 1 Mile North
R96	WALOG1000239390	1/2 - 1 Mile North
R97	WALOG1000240697	1/2 - 1 Mile North
O98	WALOG1000061715	1/2 - 1 Mile ESE
O99	WALOG1000307782	1/2 - 1 Mile ESE
O100	WALOG1000059439	1/2 - 1 Mile ESE
O101	WALOG1000060773	1/2 - 1 Mile ESE
S103	WA1100000031496	1/2 - 1 Mile NNW
S104	WALOG1000061341	1/2 - 1 Mile NNW
S105	WALOG1000061209	1/2 - 1 Mile NNW
S106	WALOG1000060856	1/2 - 1 Mile NNW
S107	WALOG1000201047	1/2 - 1 Mile NNW
S108	WALOG1000061610	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
S109	WALOG1000061609	1/2 - 1 Mile NNW
S110	WALOG1000059174	1/2 - 1 Mile NNW
S111	WALOG1000058909	1/2 - 1 Mile NNW
S112	WALOG1000058625	1/2 - 1 Mile NNW
S113	WALOG1000060435	1/2 - 1 Mile NNW
S114	WALOG1000060421	1/2 - 1 Mile NNW
S115	WALOG1000060263	1/2 - 1 Mile NNW
S116	WALOG1000305662	1/2 - 1 Mile NNW
S117	WALOG1000305660	1/2 - 1 Mile NNW
S118	WALOG1000325869	1/2 - 1 Mile NNW
S119	WALOG1000703719	1/2 - 1 Mile NNW
S120	WALOG1000693220	1/2 - 1 Mile NNW
S121	WALOG1000282918	1/2 - 1 Mile NNW
S122	WALOG1000244932	1/2 - 1 Mile NNW
S123	WALOG1000241039	1/2 - 1 Mile NNW
S124	WALOG1000263985	1/2 - 1 Mile NNW
S125	WALOG1000282829	1/2 - 1 Mile NNW
S126	WALOG1000264470	1/2 - 1 Mile NNW
S127	WA1100000000945	1/2 - 1 Mile NNW
128	WA1100000029112	1/2 - 1 Mile ESE
U135	WALOG1000282337	1/2 - 1 Mile SSE
U136	WALOG1000359857	1/2 - 1 Mile SSE
U137	WALOG1000779593	1/2 - 1 Mile SSE
U138	WA1100000030238	1/2 - 1 Mile SSE
U139	WA1100000030237	1/2 - 1 Mile SSE
V140	WALOG1000452890	1/2 - 1 Mile WSW
V141	WALOG1000426072	1/2 - 1 Mile WSW
T142	WALOG1000060216	1/2 - 1 Mile West
T143	WALOG1000060199	1/2 - 1 Mile West
T144	WALOG1000061066	1/2 - 1 Mile West
T145	WALOG1000060592	1/2 - 1 Mile West
T146	WALOG1000059896	1/2 - 1 Mile West
T147	WALOG1000058863	1/2 - 1 Mile West
T148	WALOG1000058744	1/2 - 1 Mile West
T149	WALOG1000059784	1/2 - 1 Mile West
T150	WALOG1000059105	1/2 - 1 Mile West
T151	WALOG1000061332	1/2 - 1 Mile West
T152	WALOG1000285443	1/2 - 1 Mile West
T153	WALOG1000239265	1/2 - 1 Mile West
T154	WALOG1000372811	1/2 - 1 Mile West
T155	WALOG1000305781	1/2 - 1 Mile West
T156	WALOG1000228774	1/2 - 1 Mile West
T157	WALOG1000200812	1/2 - 1 Mile West
T158	WALOG1000061732	1/2 - 1 Mile West
T159	WALOG1000228773	1/2 - 1 Mile West
T160	WALOG1000228729	1/2 - 1 Mile West
Y165	WALOG1000405691	1/2 - 1 Mile SSW
Y166	WALOG1000405690	1/2 - 1 Mile SSW
Y167	WALOG1000405689	1/2 - 1 Mile SSW
Y168	WALOG1000405692	1/2 - 1 Mile SSW
Y169	WALOG1000797149	1/2 - 1 Mile SSW
Y170	WALOG1000759356	1/2 - 1 Mile SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
Y171	WALOG1000405693	1/2 - 1 Mile SSW
Y172	WALOG1000048873	1/2 - 1 Mile SSW
Y173	WALOG1000048620	1/2 - 1 Mile SSW
Y174	WALOG1000047792	1/2 - 1 Mile SSW
Y175	WALOG1000052773	1/2 - 1 Mile SSW
Y176	WALOG1000056092	1/2 - 1 Mile SSW
Y177	WALOG1000053087	1/2 - 1 Mile SSW
Y178	WALOG1000053086	1/2 - 1 Mile SSW
Z179	WALOG1000229001	1/2 - 1 Mile ENE
Z180	WALOG1000060095	1/2 - 1 Mile ENE
Z181	WALOG1000060048	1/2 - 1 Mile ENE
Z182	WALOG1000609578	1/2 - 1 Mile ENE
Z183	WALOG1000501216	1/2 - 1 Mile ENE
Z184	WALOG1000255527	1/2 - 1 Mile ENE
AA185	WALOG1000215563	1/2 - 1 Mile NNE
AA186	WALOG1000203949	1/2 - 1 Mile NNE
AA187	WALOG1000059427	1/2 - 1 Mile NNE
AA188	WALOG1000352415	1/2 - 1 Mile NNE
AA189	WALOG1000282885	1/2 - 1 Mile NNE
AA190	WALOG1000281478	1/2 - 1 Mile NNE
AC196	WA1100000012390	1/2 - 1 Mile West
AB197	WALOG1000115721	1/2 - 1 Mile ESE
AB198	WALOG1000061130	1/2 - 1 Mile ESE
AB199	WALOG1000446143	1/2 - 1 Mile ESE
AB200	WALOG1000361518	1/2 - 1 Mile ESE
AB201	WALOG1000061129	1/2 - 1 Mile ESE
AB202	WALOG1000060774	1/2 - 1 Mile ESE
AB203	WALOG1000060935	1/2 - 1 Mile ESE
AB204	WALOG1000061128	1/2 - 1 Mile ESE
AB205	WA1100000031343	1/2 - 1 Mile ESE
AF210	WALOG1000059458	1/2 - 1 Mile NNW
AF211	WALOG1000058986	1/2 - 1 Mile NNW
AF212	WALOG1000483673	1/2 - 1 Mile NNW
W213	WALOG1000059368	1/2 - 1 Mile WSW
W214	WALOG1000062015	1/2 - 1 Mile WSW
W215	WALOG1000062005	1/2 - 1 Mile WSW
W216	WALOG1000773215	1/2 - 1 Mile WSW
W217	WALOG1000263982	1/2 - 1 Mile WSW
W218	WALOG1000674625	1/2 - 1 Mile WSW
W219	WALOG1000464102	1/2 - 1 Mile WSW
W220	WALOG1000439191	1/2 - 1 Mile WSW
W221	WALOG1000061638	1/2 - 1 Mile WSW
W222	WA1100000030557	1/2 - 1 Mile WSW
W223	WA1100000030916	1/2 - 1 Mile WSW
AD224	WALOG1000059104	1/2 - 1 Mile WNW
AD225	WALOG1000059421	1/2 - 1 Mile WNW
AD226	WALOG1000058988	1/2 - 1 Mile WNW
AD227	WALOG1000059018	1/2 - 1 Mile WNW
AD228	WALOG1000062198	1/2 - 1 Mile WNW
AD229	WALOG1000344856	1/2 - 1 Mile WNW
AD230	WALOG1000060267	1/2 - 1 Mile WNW
AD231	WALOG1000061821	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
234	WALOG1000061381	1/2 - 1 Mile North
AC236	WALOG1000058771	1/2 - 1 Mile West
AC237	WALOG1000060455	1/2 - 1 Mile West
AC238	WALOG1000059940	1/2 - 1 Mile West
AK249	WALOG1000238764	1/2 - 1 Mile SW
AK250	WALOG1000207462	1/2 - 1 Mile SW
AK251	WALOG1000049106	1/2 - 1 Mile SW
AK252	WALOG1000238967	1/2 - 1 Mile SW
AK253	WALOG1000484536	1/2 - 1 Mile SW
AK254	WALOG1000340813	1/2 - 1 Mile SW
AK255	WALOG1000301966	1/2 - 1 Mile SW
AL263	WALOG1000061331	1/2 - 1 Mile North
AL264	WALOG1000061203	1/2 - 1 Mile North
AL265	WALOG1000061080	1/2 - 1 Mile North
AL266	WALOG1000240391	1/2 - 1 Mile North
AL267	WALOG1000239263	1/2 - 1 Mile North
AL268	WALOG1000062070	1/2 - 1 Mile North
AL269	WALOG1000058728	1/2 - 1 Mile North
AL270	WALOG1000059534	1/2 - 1 Mile North
AL271	WALOG1000059594	1/2 - 1 Mile North
AL272	WALOG1000060976	1/2 - 1 Mile North
AL273	WALOG1000059954	1/2 - 1 Mile North
AL274	WALOG1000059794	1/2 - 1 Mile North
AL275	WALOG1000344846	1/2 - 1 Mile North
AL276	WALOG1000344669	1/2 - 1 Mile North
AL277	WALOG1000459089	1/2 - 1 Mile North
AL278	WALOG1000352118	1/2 - 1 Mile North
AL279	WALOG1000305666	1/2 - 1 Mile North
AL280	WALOG1000240704	1/2 - 1 Mile North
AL281	WALOG1000240696	1/2 - 1 Mile North
AL282	WALOG1000279798	1/2 - 1 Mile North
AL283	WALOG1000262311	1/2 - 1 Mile North
AM284	WALOG1000050410	1/2 - 1 Mile East
AM285	WALOG1000049691	1/2 - 1 Mile East
AM286	WALOG1000048323	1/2 - 1 Mile East
AM287	WALOG1000649768	1/2 - 1 Mile East
AM288	WALOG1000349351	1/2 - 1 Mile East
AM289	WALOG1000051745	1/2 - 1 Mile East
AO292	WA1100000008127	1/2 - 1 Mile North
AO293	WALOG1000060672	1/2 - 1 Mile North
AO294	WALOG1000060949	1/2 - 1 Mile North
AO295	WALOG1000061154	1/2 - 1 Mile North
AO296	WALOG1000060855	1/2 - 1 Mile North
AO297	WALOG1000060890	1/2 - 1 Mile North
AO298	WALOG1000059662	1/2 - 1 Mile North
AO299	WALOG1000059487	1/2 - 1 Mile North
AO300	WALOG1000059203	1/2 - 1 Mile North
AO301	WALOG1000059536	1/2 - 1 Mile North
AO302	WALOG1000059620	1/2 - 1 Mile North
AO303	WALOG1000059544	1/2 - 1 Mile North
AO304	WALOG1000333039	1/2 - 1 Mile North
AO305	WALOG1000344767	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AO306	WALOG1000771925	1/2 - 1 Mile North
AO307	WALOG1000303461	1/2 - 1 Mile North
AO308	WALOG1000061681	1/2 - 1 Mile North
AO309	WALOG1000203956	1/2 - 1 Mile North
AO310	WALOG1000228728	1/2 - 1 Mile North
AI311	WALOG1000241044	1/2 - 1 Mile East
AI312	WALOG1000729748	1/2 - 1 Mile East
AI313	WALOG1000342968	1/2 - 1 Mile East
AI314	WALOG1000301483	1/2 - 1 Mile East
315	WALOG1000463338	1/2 - 1 Mile SSW
AP316	WALOG1000054855	1/2 - 1 Mile South
AP317	WALOG1000809209	1/2 - 1 Mile South
325	WALOG1000287973	1/2 - 1 Mile SE
AQ326	WALOG1000203952	1/2 - 1 Mile NW
AQ327	WALOG1000061695	1/2 - 1 Mile NW
AQ328	WALOG1000228778	1/2 - 1 Mile NW
AQ329	WALOG1000238540	1/2 - 1 Mile NW
AQ330	WALOG1000238539	1/2 - 1 Mile NW
AQ331	WALOG1000058890	1/2 - 1 Mile NW
AQ332	WALOG1000058778	1/2 - 1 Mile NW
AQ333	WALOG1000060727	1/2 - 1 Mile NW
AQ334	WALOG1000061001	1/2 - 1 Mile NW
AQ335	WALOG1000060810	1/2 - 1 Mile NW
AQ336	WALOG1000349172	1/2 - 1 Mile NW
AQ337	WALOG1000340811	1/2 - 1 Mile NW
AQ338	WALOG1000609500	1/2 - 1 Mile NW
AQ339	WALOG1000441526	1/2 - 1 Mile NW
AQ340	WALOG1000238635	1/2 - 1 Mile NW
AQ341	WALOG1000238634	1/2 - 1 Mile NW
AQ342	WALOG1000281709	1/2 - 1 Mile NW
AQ343	WALOG1000238636	1/2 - 1 Mile NW
344	WA1100000003306	1/2 - 1 Mile WSW
AR345	WALOG1000060447	1/2 - 1 Mile West
AR346	WALOG1000061151	1/2 - 1 Mile West
AR347	WALOG1000059942	1/2 - 1 Mile West
AR348	WALOG1000060044	1/2 - 1 Mile West
AR349	WALOG1000302444	1/2 - 1 Mile West
AR350	WALOG1000503480	1/2 - 1 Mile West
AR351	WALOG1000543566	1/2 - 1 Mile West
AR352	WALOG1000061177	1/2 - 1 Mile West
AR353	WALOG1000061820	1/2 - 1 Mile West
AR354	WALOG1000263983	1/2 - 1 Mile West
AS355	WALOG1000062206	1/2 - 1 Mile West
AS356	WALOG1000309097	1/2 - 1 Mile West
AS357	WALOG1000061993	1/2 - 1 Mile West
AS358	WALOG1000059124	1/2 - 1 Mile West
AS359	WALOG1000059864	1/2 - 1 Mile West
AS360	WALOG1000559143	1/2 - 1 Mile West
AS361	WALOG1000717163	1/2 - 1 Mile West
AS362	WALOG1000515685	1/2 - 1 Mile West
AS363	WALOG1000326433	1/2 - 1 Mile West
AS364	WALOG1000397501	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

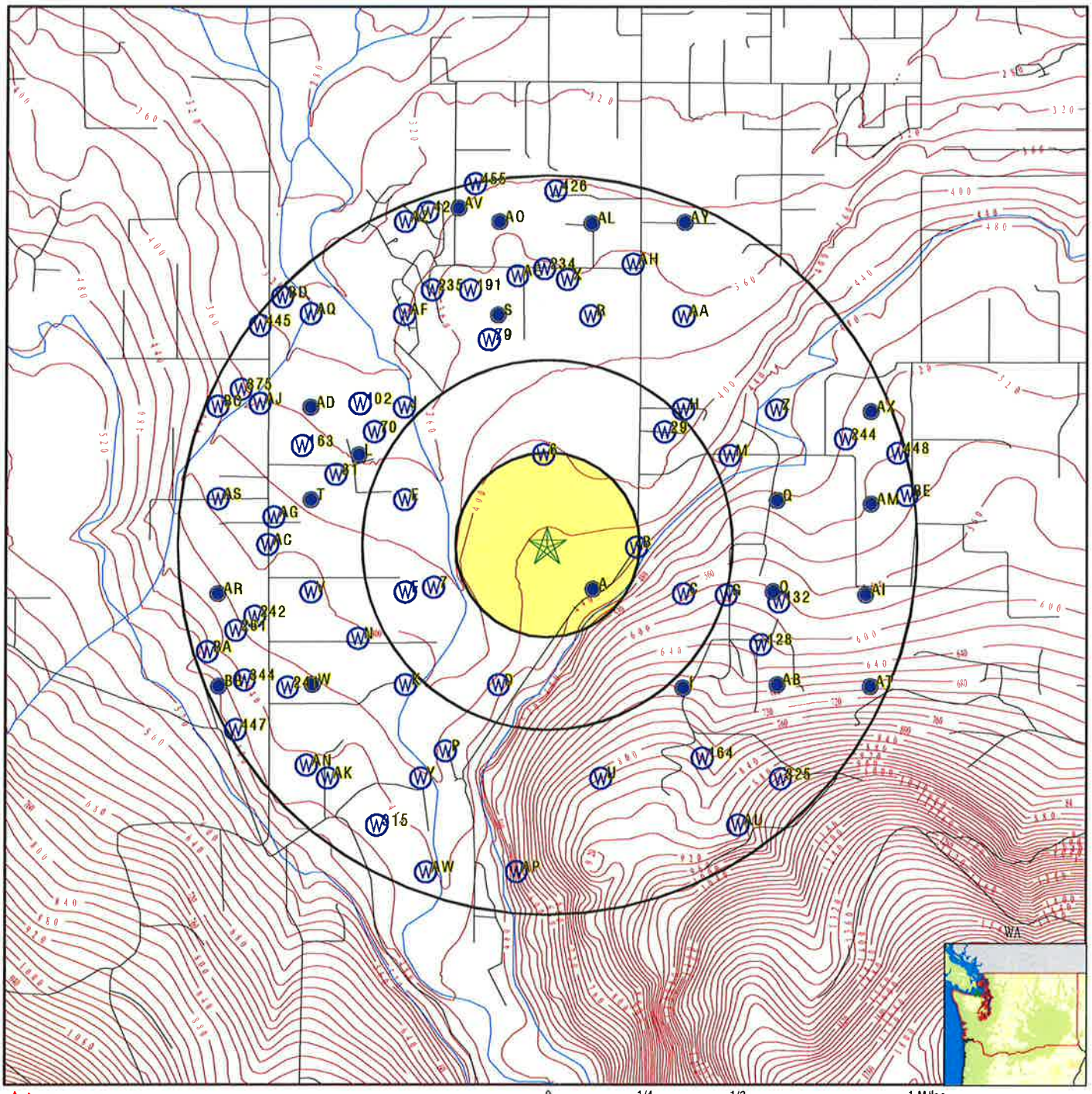
MAP ID	WELL ID	LOCATION FROM TP
AU368	WALOG1000201054	1/2 - 1 Mile SE
AU369	WALOG1000207402	1/2 - 1 Mile SE
AU370	WALOG1000058465	1/2 - 1 Mile SE
AU371	WALOG1000047845	1/2 - 1 Mile SE
AU372	WALOG1000058464	1/2 - 1 Mile SE
AW377	WALOG1000241047	1/2 - 1 Mile SSW
AW378	WALOG1000238439	1/2 - 1 Mile SSW
AW379	WALOG1000803744	1/2 - 1 Mile SSW
AW380	WALOG1000328166	1/2 - 1 Mile SSW
AW381	WALOG1000049322	1/2 - 1 Mile SSW
AW382	WALOG1000048910	1/2 - 1 Mile SSW
AW383	WALOG1000057253	1/2 - 1 Mile SSW
AW384	WALOG1000052494	1/2 - 1 Mile SSW
AX385	WALOG1000052235	1/2 - 1 Mile ENE
AX386	WALOG1000050457	1/2 - 1 Mile ENE
AX387	WALOG1000047955	1/2 - 1 Mile ENE
AX388	WALOG1000055148	1/2 - 1 Mile ENE
AX389	WALOG1000352115	1/2 - 1 Mile ENE
AX390	WALOG1000227853	1/2 - 1 Mile ENE
AX391	WALOG1000056351	1/2 - 1 Mile ENE
AY392	WALOG1000059956	1/2 - 1 Mile NNE
AY393	WALOG1000203955	1/2 - 1 Mile NNE
AY394	WALOG1000059670	1/2 - 1 Mile NNE
AY395	WALOG1000059410	1/2 - 1 Mile NNE
AY396	WALOG1000059596	1/2 - 1 Mile NNE
AY397	WALOG1000262234	1/2 - 1 Mile NNE
AY398	WALOG1000774367	1/2 - 1 Mile NNE
AY399	WALOG1000283686	1/2 - 1 Mile NNE
AY400	WALOG1000283557	1/2 - 1 Mile NNE
AY401	WA1100000005851	1/2 - 1 Mile NNE
AZ405	WALOG1000815997	1/2 - 1 Mile NNW
AZ406	WALOG1000061462	1/2 - 1 Mile NNW
AZ407	WALOG1000455847	1/2 - 1 Mile NNW
AT408	WALOG1000306148	1/2 - 1 Mile ESE
AT409	WALOG1000314671	1/2 - 1 Mile ESE
AT410	WALOG1000747070	1/2 - 1 Mile ESE
AT411	WALOG1000055775	1/2 - 1 Mile ESE
AT412	WALOG1000055774	1/2 - 1 Mile ESE
AT413	WALOG1000055773	1/2 - 1 Mile ESE
AT414	WALOG1000306147	1/2 - 1 Mile ESE
AT415	WALOG1000298953	1/2 - 1 Mile ESE
AT416	WALOG1000055776	1/2 - 1 Mile ESE
AT417	WALOG1000055756	1/2 - 1 Mile ESE
AT418	WALOG1000050341	1/2 - 1 Mile ESE
AT419	WALOG1000047529	1/2 - 1 Mile ESE
AT420	WALOG1000055772	1/2 - 1 Mile ESE
AT421	WALOG1000055771	1/2 - 1 Mile ESE
AT422	WALOG1000055770	1/2 - 1 Mile ESE
AT423	WA1100000000194	1/2 - 1 Mile ESE
AT424	WA1100000028541	1/2 - 1 Mile ESE
BB429	WALOG1000623754	1/2 - 1 Mile WSW
BB430	WALOG1000504630	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BB431	WALOG1000059358	1/2 - 1 Mile WSW
BB432	WALOG1000060947	1/2 - 1 Mile WSW
BB433	WALOG1000058858	1/2 - 1 Mile WSW
BB434	WALOG1000239901	1/2 - 1 Mile WSW
BB435	WALOG1000058796	1/2 - 1 Mile WSW
BC436	WALOG1000059420	1/2 - 1 Mile WNW
BC437	WALOG1000059382	1/2 - 1 Mile WNW
BC438	WALOG1000059057	1/2 - 1 Mile WNW
BC439	WALOG1000059893	1/2 - 1 Mile WNW
BC440	WALOG1000567659	1/2 - 1 Mile WNW
BC441	WALOG1000062086	1/2 - 1 Mile WNW
BC442	WALOG1000059903	1/2 - 1 Mile WNW
AV449	WA1100000013331	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 6192668.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Dungeness ADDRESS: RIVER RD Sequim WA 98382 LAT/LONG: 48.050668 / 123.14035	CLIENT: Anchor QEA of North Carolina, PLLC CONTACT: Nikole Stout INQUIRY #: 6192668.2s DATE: September 16, 2020 9:02 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A1 **SE** **1/8 - 1/4 Mile** **Higher**	**FED USGS**	**USGS40001281519**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36L01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19800130
Well Depth:	220	Well Depth Units:	ft
Well Hole Depth:	240	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1980-01-30
Feet below surface:	90	Feet to sea level:	Not Reported
Note:	Not Reported		

	Database	EDR ID Number
A2 **SE** **1/8 - 1/4 Mile** **Higher**	**WA WELLS**	**WALOG1000060594**

Database:	Ecology Well Logs	Well Log ID:	58940
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	15-FEB-80
Diameter:	6	Casing Depth:	220
Well Completion:	30-JAN-80	Well Owner:	Mat Wanner
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

	Database	EDR ID Number
A3 **SE** **1/8 - 1/4 Mile** **Higher**	**WA WELLS**	**WALOG1000060595**

Database:	Ecology Well Logs	Well Log ID:	58941
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	19-APR-84
Diameter:	6	Casing Depth:	75
Well Completion:	25-MAR-80	Well Owner:	Mat Wanner
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
B4 **East** **1/8 - 1/4 Mile** **Higher**	**WA WELLS**	**WALOG1000060506**

Database:	Ecology Well Logs	Well Log ID:	58837
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	98
Well Completion:	Not Reported	Well Owner:	Louis Williams, Jr.
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

B5 **East** **1/8 - 1/4 Mile** **Higher**	**WA WELLS**	**WALOG1000061595**

Database:	Ecology Well Logs	Well Log ID:	60103
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	51
Well Completion:	Not Reported	Well Owner:	W Rex Childers
Well Type:	Water	Driller #:	0779
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

---

6 **North** **1/8 - 1/4 Mile** **Lower**	**WA WELLS**	**WALOG1000059180**

Database:	Ecology Well Logs	Well Log ID:	57345
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	02-MAR-84
Diameter:	6	Casing Depth:	133
Well Completion:	18-OCT-83	Well Owner:	Dave Salmon
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

---

7 **WSW** **1/4 - 1/2 Mile** **Lower**	**WA WELLS**	**WA1100000009166**

Database:	Water Wells	PWS ID:	07955
Source #:	01	Source Name:	PETERSEN WELL 1
Source Status:	Inactive	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	10/24/2000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Source Inactive:	07/05/2005	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	108	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	BIG JOHN	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	3
Total Population Served:	3	Total Connections:	1
PWS Status:	Inactive	Residential Connections:	1
DOE Well Tag:	Not Reported	Capacity (GPM):	24
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	U		

C8
ESE
1/4 - 1/2 Mile
Higher

WA WELLS **WALOG1000327407**

Database:	Ecology Well Logs	Well Log ID:	411493
Well Tag:	AKB844	Project Tag:	Not Reported
Notice of Intent #:	W172179	Date Received:	07-JUL-05
Diameter:	6	Casing Depth:	59.6
Well Completion:	04-JUN-05	Well Owner:	Bill Benedict
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

C9
ESE
1/4 - 1/2 Mile
Higher

WA WELLS **WALOG1000327404**

Database:	Ecology Well Logs	Well Log ID:	411490
Well Tag:	AKB840	Project Tag:	Not Reported
Notice of Intent #:	W172179	Date Received:	07-JUL-05
Diameter:	6	Casing Depth:	80
Well Completion:	12-MAY-05	Well Owner:	Bill Benedict
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

C10
ESE
1/4 - 1/2 Mile
Higher

WA WELLS **WALOG1000060779**

Database:	Ecology Well Logs	Well Log ID:	59160
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	04-SEP-81
Diameter:	6	Casing Depth:	81
Well Completion:	18-AUG-81	Well Owner:	Oliven Coutu
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
C11 **ESE** **1/4 - 1/2 Mile** **Higher**	**WA WELLS**	**WALOG1000384313**

Database:	Ecology Well Logs	Well Log ID:	491925
Well Tag:	AKB844	Project Tag:	Not Reported
Notice of Intent #:	W172180	Date Received:	22-AUG-07
Diameter:	6	Casing Depth:	59.6
Well Completion:	04-JUN-05	Well Owner:	Bill Benedict
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

C12 **ESE** **1/4 - 1/2 Mile** **Higher**	**WA WELLS**	**WALOG1000441528**

Database:	Ecology Well Logs	Well Log ID:	571753
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W270405	Date Received:	23-FEB-09
Diameter:	0	Casing Depth:	0
Well Completion:	17-OCT-08	Well Owner:	Larry Waibel
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

C13 **ESE** **1/4 - 1/2 Mile** **Higher**	**WA WELLS**	**WALOG1000426478**

Database:	Ecology Well Logs	Well Log ID:	551382
Well Tag:	APQ268	Project Tag:	Not Reported
Notice of Intent #:	W270400	Date Received:	02-SEP-08
Diameter:	6	Casing Depth:	44
Well Completion:	31-JUL-08	Well Owner:	Jack Tenhulzen
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

C14 **ESE** **1/4 - 1/2 Mile** **Higher**	**WA WELLS**	**WALOG1000426220**

Database:	Ecology Well Logs	Well Log ID:	550864
Well Tag:	BAJ351	Project Tag:	Not Reported
Notice of Intent #:	W265823	Date Received:	29-AUG-08
Diameter:	6	Casing Depth:	75

Well Completion:	29-JUL-08	Well Owner:	Gail Clark
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

C15
ESE
1/4 - 1/2 Mile
Higher

WA WELLS **WALOG1000425680**

Database:	Ecology Well Logs	Well Log ID:	549811
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W270401	Date Received:	02-SEP-08
Diameter:	0	Casing Depth:	0
Well Completion:	28-JUL-08	Well Owner:	Jack Tenhulzen
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

C16
ESE
1/4 - 1/2 Mile
Higher

WA WELLS **WALOG1000425681**

Database:	Ecology Well Logs	Well Log ID:	549813
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W270402	Date Received:	02-SEP-08
Diameter:	0	Casing Depth:	0
Well Completion:	05-AUG-08	Well Owner:	Jack Tenhulzen
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

C17
ESE
1/4 - 1/2 Mile
Higher

WA WELLS **WA1100000031762**

Database:	Water Wells	PWS ID:	AD244
Source #:	01	Source Name:	Well #1 APQ269 6"
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	01/06/2015
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	50	Source Susceptibility:	Not Reported
System Name:	Tenhulzen	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	4
Total Population Served:	4	Total Connections:	2
PWS Status:	Active	Residential Connections:	2
DOE Well Tag:	Not Reported	Capacity (GPM):	10
Influenced by Droughts:	N	Influenced by Flooding:	N
Influenced by Surface Water:	U		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
C18 **ESE** **1/4 - 1/2 Mile** **Higher**	**WA WELLS**	**WA1100000031763**

Database:	Water Wells	PWS ID:	AD244
Source #:	02	Source Name:	Well #2 APQ268
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Emergency	Date Source Effective:	01/06/2015
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Quilcene-Snow
Well Depth:	34	Source Susceptibility:	Not Reported
System Name:	Tenhulzen	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	4
Total Population Served:	4	Total Connections:	2
PWS Status:	Active	Residential Connections:	2
DOE Well Tag:	Not Reported	Capacity (GPM):	2
Influenced by Droughts:	N	Influenced by Flooding:	N
Influenced by Surface Water:	U		

D19 **SSW** **1/4 - 1/2 Mile** **Higher**	**WA WELLS**	**WALOG1000059658**

Database:	Ecology Well Logs	Well Log ID:	57893
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	069731	Date Received:	12-SEP-91
Diameter:	6	Casing Depth:	178
Well Completion:	05-SEP-91	Well Owner:	George Debold
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

D20 **SSW** **1/4 - 1/2 Mile** **Higher**	**WA WELLS**	**WALOG1000060701**

Database:	Ecology Well Logs	Well Log ID:	59062
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W041797	Date Received:	Not Reported
Diameter:	6	Casing Depth:	204
Well Completion:	19-AUG-93	Well Owner:	Montgomery Monty
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
E21 **WNW** **1/4 - 1/2 Mile** **Lower**	**WA WELLS**	**WALOG1000201981**

Database:	Ecology Well Logs	Well Log ID:	250181
Well Tag:	AFB913	Project Tag:	Not Reported
Notice of Intent #:	W097183	Date Received:	07-FEB-00
Diameter:	6	Casing Depth:	99
Well Completion:	20-JAN-00	Well Owner:	David Archer
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

E22 **WNW** **1/4 - 1/2 Mile** **Lower**	**WA WELLS**	**WALOG1000306088**

Database:	Ecology Well Logs	Well Log ID:	387272
Well Tag:	AKS806	Project Tag:	Not Reported
Notice of Intent #:	W178298	Date Received:	14-JUN-04
Diameter:	6	Casing Depth:	139
Well Completion:	01-APR-04	Well Owner:	Phil Roberts
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

E23 **WNW** **1/4 - 1/2 Mile** **Lower**	**WA WELLS**	**WALOG1000328284**

Database:	Ecology Well Logs	Well Log ID:	412647
Well Tag:	ALG704	Project Tag:	Not Reported
Notice of Intent #:	W190873	Date Received:	22-JUL-05
Diameter:	6	Casing Depth:	122
Well Completion:	11-JUL-05	Well Owner:	Jim Reed
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

F24 **WSW** **1/4 - 1/2 Mile** **Lower**	**WA WELLS**	**WALOG1000059639**

Database:	Ecology Well Logs	Well Log ID:	57873
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	27-OCT-86
Diameter:	6	Casing Depth:	90

Well Completion:	27-AUG-86	Well Owner:	Gary Smith
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

F25
WSW
1/4 - 1/2 Mile
Lower

WA WELLS **WALOG1000060771**

Database:	Ecology Well Logs	Well Log ID:	59151
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	005706	Date Received:	31-OCT-88
Diameter:	6	Casing Depth:	82
Well Completion:	26-OCT-88	Well Owner:	Norris Johnson
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

F26
WSW
1/4 - 1/2 Mile
Lower

WA WELLS **WALOG1000060885**

Database:	Ecology Well Logs	Well Log ID:	59285
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	09-JAN-85
Diameter:	6	Casing Depth:	94
Well Completion:	15-NOV-82	Well Owner:	Phil Roberts
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

F27
WSW
1/4 - 1/2 Mile
Lower

WA WELLS **WALOG1000283687**

Database:	Ecology Well Logs	Well Log ID:	363166
Well Tag:	AHR378	Project Tag:	Not Reported
Notice of Intent #:	W166209	Date Received:	09-JUN-03
Diameter:	6	Casing Depth:	199
Well Completion:	24-MAY-03	Well Owner:	Michael Pinkerton
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
F28 **WSW** **1/4 - 1/2 Mile** **Lower**	**WA WELLS**	**WALOG1000060871**

Database:	Ecology Well Logs	Well Log ID:	59270
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	09-FEB-88
Diameter:	6	Casing Depth:	210
Well Completion:	26-JAN-88	Well Owner:	Pete Jackson
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

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29 **NE** **1/4 - 1/2 Mile** **Lower**		**FED USGS**	**USGS40001281724**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36B01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19781115
Well Depth:	40	Well Depth Units:	ft
Well Hole Depth:	42	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1978-11-15
Feet below surface:	24	Feet to sea level:	Not Reported
Note:	Not Reported		

G30 **ESE** **1/4 - 1/2 Mile** **Higher**		**FED USGS**	**USGS40001281504**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36K02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19810818
Well Depth:	81	Well Depth Units:	ft
Well Hole Depth:	81	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1981-08-24
Feet below surface:	35	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

G31
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40001281460**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36K01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19710519
Well Depth:	80	Well Depth Units:	ft
Well Hole Depth:	80	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1971-05-19
Feet below surface:	69	Feet to sea level:	Not Reported
Note:	Not Reported		

H32
NE
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061510**

Database:	Ecology Well Logs	Well Log ID:	60000
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	061911	Date Received:	11-JUL-91
Diameter:	6	Casing Depth:	86
Well Completion:	03-JUL-91	Well Owner:	Tom Schwette
Well Type:	Water	Driller #:	0779
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

H33
NE
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000062050**

Database:	Ecology Well Logs	Well Log ID:	60646
Well Tag:	AEA110	Project Tag:	Not Reported
Notice of Intent #:	W045939	Date Received:	Not Reported
Diameter:	6	Casing Depth:	121
Well Completion:	07-DEC-98	Well Owner:	Gary Buckholtz
Well Type:	Water	Driller #:	1688
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
WA WELLS	WALOG1000062109

H34
NE
1/2 - 1 Mile
Lower

Database:	Ecology Well Logs	Well Log ID:	60705
Well Tag:	AEE032	Project Tag:	Not Reported
Notice of Intent #:	W101241	Date Received:	23-OCT-98
Diameter:	6	Casing Depth:	203
Well Completion:	03-AUG-98	Well Owner:	James Coley
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

H35
NE
1/2 - 1 Mile
Lower

WA WELLS WALOG1000059615

Database:	Ecology Well Logs	Well Log ID:	57843
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	018339	Date Received:	Not Reported
Diameter:	6	Casing Depth:	43
Well Completion:	14-JUN-89	Well Owner:	Gary & Wanda Buckholtz
Well Type:	Water	Driller #:	1688
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

H36
NE
1/2 - 1 Mile
Lower

WA WELLS WALOG1000059632

Database:	Ecology Well Logs	Well Log ID:	57866
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	034872	Date Received:	Not Reported
Diameter:	6	Casing Depth:	41
Well Completion:	22-FEB-90	Well Owner:	Gary Peterson
Well Type:	Water	Driller #:	1688
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

H37
NE
1/2 - 1 Mile
Lower

WA WELLS WALOG1000061288

Database:	Ecology Well Logs	Well Log ID:	59756
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	14-FEB-79
Diameter:	6	Casing Depth:	40

Well Completion:	15-NOV-78	Well Owner:	Selfrid Oquist
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

H38
NE
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000342469**

Database:	Ecology Well Logs	Well Log ID:	431323
Well Tag:	ALG749	Project Tag:	Not Reported
Notice of Intent #:	W218211	Date Received:	22-FEB-06
Diameter:	6	Casing Depth:	103
Well Completion:	12-JAN-06	Well Owner:	Claudia Murray
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

H39
NE
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000451971**

Database:	Ecology Well Logs	Well Log ID:	584725
Well Tag:	APQ244	Project Tag:	Not Reported
Notice of Intent #:	W219922	Date Received:	08-MAY-09
Diameter:	6	Casing Depth:	118
Well Completion:	31-MAR-08	Well Owner:	Patrick Welch
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

H40
NE
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000703745**

Database:	Ecology Well Logs	Well Log ID:	1365271
Well Tag:	BJR114	Project Tag:	Not Reported
Notice of Intent #:	WE22893	Date Received:	25-JAN-16
Diameter:	6	Casing Depth:	116
Well Completion:	23-DEC-15	Well Owner:	Gary Peterson
Well Type:	Water	Driller #:	2374
Static Level:	0	Flow Rate (GPM):	10
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
H41 **NE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000201370**

Database:	Ecology Well Logs	Well Log ID:	249464
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W054914	Date Received:	10-JAN-00
Diameter:	6	Casing Depth:	140
Well Completion:	15-JUL-95	Well Owner:	Michael W Hardy
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

H42 **NE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000255530**

Database:	Ecology Well Logs	Well Log ID:	330698
Well Tag:	AFT573	Project Tag:	Not Reported
Notice of Intent #:	W157477	Date Received:	24-JAN-02
Diameter:	6	Casing Depth:	71
Well Completion:	09-NOV-01	Well Owner:	Dale Lane
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

H43 **NE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000256271**

Database:	Ecology Well Logs	Well Log ID:	331458
Well Tag:	AFT572	Project Tag:	Not Reported
Notice of Intent #:	W157460	Date Received:	28-FEB-02
Diameter:	6	Casing Depth:	143
Well Completion:	01-OCT-01	Well Owner:	John Ewert
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

I44 **SE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WA1100000009508**

Database:	Water Wells	PWS ID:	08239
Source #:	01	Source Name:	WELL #1 AFT535
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	07/30/2001

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	304	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	GRIMES	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	6
Total Population Served:	6	Total Connections:	2
PWS Status:	Active	Residential Connections:	2
DOE Well Tag:	Not Reported	Capacity (GPM):	40
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	U		

I45
SE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000061659**

Database:	Ecology Well Logs	Well Log ID:	60174
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	17-SEP-86
Diameter:	6	Casing Depth:	220
Well Completion:	06-JUL-86	Well Owner:	Welden & Virgina Clark
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

I46
SE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000059711**

Database:	Ecology Well Logs	Well Log ID:	57951
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	100
Well Completion:	06-OCT-73	Well Owner:	Glenn Juenemann
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

I47
SE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000061658**

Database:	Ecology Well Logs	Well Log ID:	60173
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	17-SEP-86
Diameter:	6	Casing Depth:	0
Well Completion:	04-JUL-86	Well Owner:	Welden & Virgina Clark
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
I48 **SE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000263931**

Database:	Ecology Well Logs	Well Log ID:	339444
Well Tag:	AFT535	Project Tag:	Not Reported
Notice of Intent #:	W134982	Date Received:	23-MAY-02
Diameter:	6	Casing Depth:	302
Well Completion:	25-MAY-01	Well Owner:	Sherry Grimes
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

I49 **SE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000332145**

Database:	Ecology Well Logs	Well Log ID:	417544
Well Tag:	AKT099	Project Tag:	Not Reported
Notice of Intent #:	WE03073	Date Received:	20-SEP-05
Diameter:	6	Casing Depth:	203
Well Completion:	26-AUG-05	Well Owner:	Alan Arnold
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

I50 **SE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000463332**

Database:	Ecology Well Logs	Well Log ID:	605651
Well Tag:	BBN253	Project Tag:	Not Reported
Notice of Intent #:	W270425	Date Received:	28-SEP-09
Diameter:	6	Casing Depth:	96
Well Completion:	03-JUL-09	Well Owner:	Glenn Juenemann
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

I51 **SE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WA1100000030915**

Database:	Water Wells	PWS ID:	AC421
Source #:	01	Source Name:	Well #1 No Tag
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	10/06/1973

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	105	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	Juenemann	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	5
Total Population Served:	5	Total Connections:	2
PWS Status:	Active	Residential Connections:	2
DOE Well Tag:	Not Reported	Capacity (GPM):	5
Influenced by Droughts:	N	Influenced by Flooding:	N
Influenced by Surface Water:	U		

J52
NW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000062097**

Database:	Ecology Well Logs	Well Log ID:	60693
Well Tag:	AEE013	Project Tag:	Not Reported
Notice of Intent #:	W101224	Date Received:	30-OCT-98
Diameter:	6	Casing Depth:	102
Well Completion:	09-JUN-98	Well Owner:	Delbert Gott
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

J53
NW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061698**

Database:	Ecology Well Logs	Well Log ID:	60215
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	11-JUL-78
Diameter:	6	Casing Depth:	38
Well Completion:	12-JUN-78	Well Owner:	William Anderson
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

J54
NW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000238960**

Database:	Ecology Well Logs	Well Log ID:	311850
Well Tag:	AFG842	Project Tag:	Not Reported
Notice of Intent #:	W135258	Date Received:	10-APR-01
Diameter:	6	Casing Depth:	122
Well Completion:	30-JAN-01	Well Owner:	Cindy Enstrom
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
J55 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000340815**

Database:	Ecology Well Logs	Well Log ID:	429042
Well Tag:	ALL270	Project Tag:	Not Reported
Notice of Intent #:	W219274	Date Received:	13-JAN-06
Diameter:	6	Casing Depth:	182
Well Completion:	09-DEC-05	Well Owner:	Frank Billes
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

J56
NW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000238965**

Database:	Ecology Well Logs	Well Log ID:	311857
Well Tag:	AFG837	Project Tag:	Not Reported
Notice of Intent #:	W135257	Date Received:	09-APR-01
Diameter:	6	Casing Depth:	142
Well Completion:	22-JAN-01	Well Owner:	Russel Renke
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

K57
SW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000251709**

Database:	Ecology Well Logs	Well Log ID:	326661
Well Tag:	AGN464	Project Tag:	Not Reported
Notice of Intent #:	W155802	Date Received:	11-DEC-01
Diameter:	6	Casing Depth:	165
Well Completion:	19-OCT-01	Well Owner:	Ron Peers
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

K58
SW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000060051**

Database:	Ecology Well Logs	Well Log ID:	58339
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	085716	Date Received:	Not Reported
Diameter:	6	Casing Depth:	50

Well Completion:	16-APR-93	Well Owner:	Jim Dahl
Well Type:	Water	Driller #:	1073
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

K59
SW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000255813**

Database:	Ecology Well Logs	Well Log ID:	330991
Well Tag:	AGN469	Project Tag:	Not Reported
Notice of Intent #:	W137739	Date Received:	11-FEB-02
Diameter:	6	Casing Depth:	186
Well Completion:	17-DEC-01	Well Owner:	Jeff Kohnert
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

K60
SW
1/2 - 1 Mile
Lower

WA WELLS **WA1100000031728**

Database:	Water Wells	PWS ID:	AD210
Source #:	01	Source Name:	Well #1 6"
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	03/16/1995
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	51	Source Susceptibility:	Not Reported
System Name:	Gunnerson	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	2
Total Population Served:	2	Total Connections:	2
PWS Status:	Active	Residential Connections:	1
DOE Well Tag:	Not Reported	Capacity (GPM):	15
Influenced by Droughts:	N	Influenced by Flooding:	N
Influenced by Surface Water:	U		

L61
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001281699**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35A02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19780612
Well Depth:	38	Well Depth Units:	ft
Well Hole Depth:	38	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels,Number of Measurements:	1	Level reading date:	1978-06-12
Feet below surface:	10	Feet to sea level:	Not Reported
Note:	Not Reported		

M62
ENE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000059325**

Database:	Ecology Well Logs	Well Log ID:	57509
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	06-JUN-87
Diameter:	6	Casing Depth:	39
Well Completion:	15-JUN-87	Well Owner:	Donald Marden
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

M63
ENE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000059097**

Database:	Ecology Well Logs	Well Log ID:	57243
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	02-MAR-84
Diameter:	6	Casing Depth:	41
Well Completion:	11-AUG-83	Well Owner:	D. S. Marsden
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

M64
ENE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000059055**

Database:	Ecology Well Logs	Well Log ID:	57192
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	10-NOV-83
Diameter:	6	Casing Depth:	85
Well Completion:	01-NOV-83	Well Owner:	Clinton Duncan
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
M65 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000059326**

Database:	Ecology Well Logs	Well Log ID:	57510
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	97
Well Completion:	12-JUN-87	Well Owner:	Donald Marden
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

M66 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000061480**

Database:	Ecology Well Logs	Well Log ID:	59968
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	017675	Date Received:	Not Reported
Diameter:	6	Casing Depth:	150
Well Completion:	13-FEB-89	Well Owner:	Tom Boyd
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

M67 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000061378**

Database:	Ecology Well Logs	Well Log ID:	59857
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	204017	Date Received:	22-FEB-93
Diameter:	6	Casing Depth:	56
Well Completion:	06-JAN-93	Well Owner:	Steve Smith
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

M68 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000060108**

Database:	Ecology Well Logs	Well Log ID:	58405
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	14-JUN-84
Diameter:	6	Casing Depth:	59

Well Completion:	16-MAY-84	Well Owner:	Joe Gates
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

I69
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40001281287**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36Q01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19860706
Well Depth:	220	Well Depth Units:	ft
Well Hole Depth:	220	Well Hole Depth Units:	ft

70
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001281725**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35A03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19941004
Well Depth:	93	Well Depth Units:	ft
Well Hole Depth:	93	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	2	Level reading date:	1996-03-12
Feet below surface:	56.76	Feet to sea level:	Not Reported
Note:	The site had been pumped recently.		

Level reading date:	1994-10-06	Feet below surface:	68
Feet to sea level:	Not Reported	Note:	Not Reported

L71
WNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059088**

Database:	Ecology Well Logs	Well Log ID:	57233
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	15-AUG-77
Diameter:	6	Casing Depth:	34
Well Completion:	10-AUG-77	Well Owner:	D. B. Frick
Well Type:	Water	Driller #:	0848

Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

L72
WNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000058525**

Database:	Ecology Well Logs	Well Log ID:	56568
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	02-DEC-80
Diameter:	6	Casing Depth:	75
Well Completion:	03-NOV-80	Well Owner:	(R. R. Tarbuck) Qtrs (R) Nas
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

L73
WNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000281151**

Database:	Ecology Well Logs	Well Log ID:	359837
Well Tag:	AFT584	Project Tag:	Not Reported
Notice of Intent #:	W157476	Date Received:	24-APR-03
Diameter:	6	Casing Depth:	139
Well Completion:	24-OCT-01	Well Owner:	Peter Clifford
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

L74
WNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061157**

Database:	Ecology Well Logs	Well Log ID:	59605
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	91
Well Completion:	10-APR-77	Well Owner:	Roman De Ryss
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
N75 **WSW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060132**

Database:	Ecology Well Logs	Well Log ID:	58429
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	020806	Date Received:	Not Reported
Diameter:	6	Casing Depth:	118
Well Completion:	29-NOV-88	Well Owner:	Joel Westervelt
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

N76 **WSW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000061764**

Database:	Ecology Well Logs	Well Log ID:	60302
Well Tag:	ABA027	Project Tag:	Not Reported
Notice of Intent #:	W099590	Date Received:	12-FEB-99
Diameter:	6	Casing Depth:	157
Well Completion:	09-FEB-99	Well Owner:	Peter Jackson
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

N77 **WSW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059676**

Database:	Ecology Well Logs	Well Log ID:	57913
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	020807	Date Received:	13-DEC-88
Diameter:	6	Casing Depth:	118
Well Completion:	30-NOV-88	Well Owner:	George Victor
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

N78 **WSW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000058782**

Database:	Ecology Well Logs	Well Log ID:	56872
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	067417	Date Received:	Not Reported
Diameter:	6	Casing Depth:	98

Well Completion:	25-APR-91	Well Owner:	Bob Kavanaugh
Well Type:	Water	Driller #:	1359
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

79
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001282002**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25N01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19750723
Well Depth:	98	Well Depth Units:	ft
Well Hole Depth:	98	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1975-07-23
Feet below surface:	76	Feet to sea level:	Not Reported
Note:	Not Reported		

O80
East
1/2 - 1 Mile
Higher

FED USGS **USGS40001281335**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36J02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770607
Well Depth:	395	Well Depth Units:	ft
Well Hole Depth:	395	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-06-07
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

81
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001281683**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35G04	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19791026
Well Depth:	77	Well Depth Units:	ft
Well Hole Depth:	77	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1979-10-26
Feet below surface:	58	Feet to sea level:	Not Reported
Note:	Not Reported		

P82
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40001280820**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	29N/04W-02A01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19780407
Well Depth:	39	Well Depth Units:	ft
Well Hole Depth:	39	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1978-04-07
Feet below surface:	10	Feet to sea level:	Not Reported
Note:	Not Reported		

P83
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40001281204**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	29N/04W-02A02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19720626
Well Depth:	18	Well Depth Units:	ft
Well Hole Depth:	18	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1972-06-26
Feet below surface:	9	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
WA WELLS	WALOG1000059457

Q84
East
1/2 - 1 Mile
Higher

Database:	Ecology Well Logs	Well Log ID:	57655
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	26-FEB-74
Diameter:	5	Casing Depth:	53
Well Completion:	Not Reported	Well Owner:	Eg Potter
Well Type:	Water	Driller #:	0285
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Q85
East
1/2 - 1 Mile
Higher

WA WELLS WALOG1000060924

Database:	Ecology Well Logs	Well Log ID:	59337
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	24-SEP-81
Diameter:	6	Casing Depth:	0
Well Completion:	17-AUG-81	Well Owner:	R. H. Johnstone
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Q86
East
1/2 - 1 Mile
Higher

WA WELLS WALOG1000427078

Database:	Ecology Well Logs	Well Log ID:	552073
Well Tag:	ALL210	Project Tag:	Not Reported
Notice of Intent #:	W270254	Date Received:	24-SEP-08
Diameter:	6	Casing Depth:	60
Well Completion:	17-SEP-08	Well Owner:	Tom Taylor
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

R87
North
1/2 - 1 Mile
Lower

WA WELLS WALOG1000061926

Database:	Ecology Well Logs	Well Log ID:	60509
Well Tag:	ACC078	Project Tag:	Not Reported
Notice of Intent #:	W071438	Date Received:	06-APR-98
Diameter:	6	Casing Depth:	93

Well Completion:	20-JAN-98	Well Owner:	Daryl Reinke
Well Type:	Water	Driller #:	1073
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

R88
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000203236**

Database:	Ecology Well Logs	Well Log ID:	251513
Well Tag:	AFL971	Project Tag:	Not Reported
Notice of Intent #:	W067698	Date Received:	11-JUL-00
Diameter:	6	Casing Depth:	137
Well Completion:	23-MAY-00	Well Owner:	Daryl Reinke
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

R89
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061686**

Database:	Ecology Well Logs	Well Log ID:	60202
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	30-MAY-72
Diameter:	6	Casing Depth:	35
Well Completion:	Not Reported	Well Owner:	Will Stipe
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

R90
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000058624**

Database:	Ecology Well Logs	Well Log ID:	56695
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	28-APR-77
Diameter:	6	Casing Depth:	125
Well Completion:	21-MAR-77	Well Owner:	Art Mc-Nabb
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
R91 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059659**

Database:	Ecology Well Logs	Well Log ID:	57894
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	031052	Date Received:	Not Reported
Diameter:	6	Casing Depth:	123
Well Completion:	18-OCT-89	Well Owner:	George Decker
Well Type:	Water	Driller #:	0779
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

R92 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000203944**

Database:	Ecology Well Logs	Well Log ID:	252326
Well Tag:	AFB907	Project Tag:	Not Reported
Notice of Intent #:	W097184	Date Received:	09-MAY-00
Diameter:	6	Casing Depth:	142
Well Completion:	03-MAR-00	Well Owner:	Bill Stipe
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

R93 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000371506**

Database:	Ecology Well Logs	Well Log ID:	473517
Well Tag:	APO202	Project Tag:	Not Reported
Notice of Intent #:	W224420	Date Received:	29-MAR-07
Diameter:	6	Casing Depth:	179
Well Completion:	04-FEB-07	Well Owner:	Carolyn Munro
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

R94 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000409939**

Database:	Ecology Well Logs	Well Log ID:	528399
Well Tag:	ALK586	Project Tag:	Not Reported
Notice of Intent #:	W265806	Date Received:	04-JUN-08
Diameter:	6	Casing Depth:	148

Well Completion:	17-APR-08	Well Owner:	Jim Cj Hj Lovell Jr
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

R95
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000344852**

Database:	Ecology Well Logs	Well Log ID:	434773
Well Tag:	AKB893	Project Tag:	Not Reported
Notice of Intent #:	W218280	Date Received:	21-MAR-06
Diameter:	6	Casing Depth:	176.5
Well Completion:	06-MAR-06	Well Owner:	Jim Mcnary
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

R96
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000239390**

Database:	Ecology Well Logs	Well Log ID:	312326
Well Tag:	AGC560	Project Tag:	Not Reported
Notice of Intent #:	W136825	Date Received:	25-APR-01
Diameter:	6	Casing Depth:	152
Well Completion:	30-MAR-01	Well Owner:	Rick Munhall
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

R97
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000240697**

Database:	Ecology Well Logs	Well Log ID:	313722
Well Tag:	AGC581	Project Tag:	Not Reported
Notice of Intent #:	W136182	Date Received:	11-JUL-01
Diameter:	6	Casing Depth:	135
Well Completion:	13-JUN-01	Well Owner:	Lucy Stipe
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
WA WELLS	WALOG1000061715

O98
ESE
1/2 - 1 Mile
Higher

Database:	Ecology Well Logs	Well Log ID:	60234
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	09-FEB-81
Diameter:	6	Casing Depth:	64
Well Completion:	16-JAN-81	Well Owner:	William Provondra
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

O99
ESE
1/2 - 1 Mile
Higher

WA WELLS WALOG1000307782

Database:	Ecology Well Logs	Well Log ID:	389250
Well Tag:	AKS992	Project Tag:	Not Reported
Notice of Intent #:	W178308	Date Received:	23-AUG-04
Diameter:	6	Casing Depth:	124
Well Completion:	11-AUG-04	Well Owner:	Edward Mildenberger
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

O100
ESE
1/2 - 1 Mile
Higher

WA WELLS WALOG1000059439

Database:	Ecology Well Logs	Well Log ID:	57634
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	10-DEC-84
Diameter:	6	Casing Depth:	34
Well Completion:	12-OCT-84	Well Owner:	Ed. Mildenberger
Well Type:	Water	Driller #:	0779
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

O101
ESE
1/2 - 1 Mile
Higher

WA WELLS WALOG1000060773

Database:	Ecology Well Logs	Well Log ID:	59153
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	11-AUG-77
Diameter:	0	Casing Depth:	0

Well Completion:	07-JUN-77	Well Owner:	O. L. Coutu
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

102
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40001281698**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35B01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770810
Well Depth:	34	Well Depth Units:	ft
Well Hole Depth:	34	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	25	Level reading date:	1980-09-18
Feet below surface:	10.2	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1980-08-12	Feet below surface:	9.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-07-24	Feet below surface:	9.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-06-17	Feet below surface:	8.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-05-22	Feet below surface:	9.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-04-15	Feet below surface:	9.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-03-19	Feet below surface:	8.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-02-20	Feet below surface:	9.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-01-15	Feet below surface:	8.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-12-18	Feet below surface:	7.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-14	Feet below surface:	10.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-10-23	Feet below surface:	10.9
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1979-09-10	Feet below surface:	10.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-14	Feet below surface:	10.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-07-18	Feet below surface:	10.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-06-20	Feet below surface:	10.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-05-16	Feet below surface:	10.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-24	Feet below surface:	10.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-03-20	Feet below surface:	9.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-02-22	Feet below surface:	9.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-01-17	Feet below surface:	10.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-12-28	Feet below surface:	10.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-11-27	Feet below surface:	10.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-09-15	Feet below surface:	10.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-08-10	Feet below surface:	10
Feet to sea level:	Not Reported	Note:	Not Reported

S103
NNW
1/2 - 1 Mile
Lower

WA WELLS **WA1100000031496**

Database:	Water Wells	PWS ID:	AC982
Source #:	01	Source Name:	Well #1 AGN367 6"
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	02/12/2013
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	140	Source Susceptibility:	Not Reported
System Name:	Kailin Commercial Kitchen	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	2
Total Population Served:	2	Total Connections:	3
PWS Status:	Active	Residential Connections:	1
DOE Well Tag:	Not Reported	Capacity (GPM):	25
Influenced by Droughts:	N	Influenced by Flooding:	N
Influenced by Surface Water:	U		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
S104 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000061341**

Database:	Ecology Well Logs	Well Log ID:	59819
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	04-AUG-75
Diameter:	6	Casing Depth:	98
Well Completion:	23-JUL-75	Well Owner:	Stan Viele
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S105 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000061209**

Database:	Ecology Well Logs	Well Log ID:	59667
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	21-APR-76
Diameter:	6	Casing Depth:	111
Well Completion:	08-APR-76	Well Owner:	Roy Peters
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S106 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060856**

Database:	Ecology Well Logs	Well Log ID:	59255
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	067907	Date Received:	Not Reported
Diameter:	6	Casing Depth:	166
Well Completion:	11-FEB-93	Well Owner:	Paul Thompson Mdds Inc.
Well Type:	Water	Driller #:	1688
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S107 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000201047**

Database:	Ecology Well Logs	Well Log ID:	249115
Well Tag:	AFA464	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	22-DEC-99
Diameter:	6	Casing Depth:	132

Well Completion:	11-DEC-99	Well Owner:	Sumpter Ed
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S108
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061610**

Database:	Ecology Well Logs	Well Log ID:	60123
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	022978	Date Received:	Not Reported
Diameter:	6	Casing Depth:	106
Well Completion:	29-AUG-89	Well Owner:	Wallce Miller
Well Type:	Water	Driller #:	1073
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S109
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061609**

Database:	Ecology Well Logs	Well Log ID:	60122
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	110
Well Completion:	12-SEP-73	Well Owner:	Wallace Miller
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S110
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059174**

Database:	Ecology Well Logs	Well Log ID:	57337
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	141
Well Completion:	18-MAR-93	Well Owner:	Dave Jensen
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
S111 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000058909**

Database:	Ecology Well Logs	Well Log ID:	57017
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	060849	Date Received:	19-SEP-95
Diameter:	6	Casing Depth:	128
Well Completion:	06-JUL-95	Well Owner:	Care Planning Ass. (Stenson)
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S112 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000058625**

Database:	Ecology Well Logs	Well Log ID:	56696
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	11-JAN-77
Diameter:	0	Casing Depth:	6
Well Completion:	29-OCT-76	Well Owner:	Art Mcnabb
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S113 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060435**

Database:	Ecology Well Logs	Well Log ID:	58758
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	101
Well Completion:	23-AUG-74	Well Owner:	Leon Kane
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S114 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060421**

Database:	Ecology Well Logs	Well Log ID:	58743
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	09-JAN-85
Diameter:	6	Casing Depth:	108

Well Completion:	22-OCT-83	Well Owner:	Lee Lether
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S115
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000060263**

Database:	Ecology Well Logs	Well Log ID:	58575
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	26-MAY-78
Diameter:	6	Casing Depth:	108
Well Completion:	18-MAY-78	Well Owner:	Kane Leon
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S116
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000305662**

Database:	Ecology Well Logs	Well Log ID:	386820
Well Tag:	AKA800	Project Tag:	Not Reported
Notice of Intent #:	W181603	Date Received:	11-MAY-04
Diameter:	6	Casing Depth:	143
Well Completion:	17-APR-04	Well Owner:	Olympic Dermatology Clinic
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S117
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000305660**

Database:	Ecology Well Logs	Well Log ID:	386818
Well Tag:	AKA799	Project Tag:	Not Reported
Notice of Intent #:	W181604	Date Received:	11-MAY-04
Diameter:	6	Casing Depth:	144
Well Completion:	20-APR-04	Well Owner:	Olympic Dermatology Clinic
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
S118 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000325869**

Database:	Ecology Well Logs	Well Log ID:	409657
Well Tag:	AHL968	Project Tag:	Not Reported
Notice of Intent #:	W173212	Date Received:	15-JUN-05
Diameter:	6	Casing Depth:	138
Well Completion:	12-MAR-04	Well Owner:	Keith Northington
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S119 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000703719**

Database:	Ecology Well Logs	Well Log ID:	1365189
Well Tag:	BJR112	Project Tag:	Not Reported
Notice of Intent #:	WE22259	Date Received:	25-JAN-16
Diameter:	6	Casing Depth:	179
Well Completion:	09-DEC-15	Well Owner:	David Jensen
Well Type:	Water	Driller #:	2374
Static Level:	0	Flow Rate (GPM):	20
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

S120 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000693220**

Database:	Ecology Well Logs	Well Log ID:	1106936
Well Tag:	BJR101	Project Tag:	Not Reported
Notice of Intent #:	WE21552	Date Received:	03-NOV-15
Diameter:	6	Casing Depth:	176
Well Completion:	17-SEP-15	Well Owner:	Paul Thompson
Well Type:	Water	Driller #:	2374
Static Level:	102	Flow Rate (GPM):	30
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

S121 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000282918**

Database:	Ecology Well Logs	Well Log ID:	362035
Well Tag:	ABP658	Project Tag:	Not Reported
Notice of Intent #:	W114516	Date Received:	24-AUG-99
Diameter:	0	Casing Depth:	137

Well Completion:	19-JUL-99	Well Owner:	Dale Pate
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S122
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000244932**

Database:	Ecology Well Logs	Well Log ID:	318392
Well Tag:	AGC595	Project Tag:	Not Reported
Notice of Intent #:	W136195	Date Received:	08-NOV-01
Diameter:	6	Casing Depth:	140
Well Completion:	24-AUG-01	Well Owner:	Mamie Miller
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S123
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000241039**

Database:	Ecology Well Logs	Well Log ID:	314073
Well Tag:	ABC554	Project Tag:	Not Reported
Notice of Intent #:	W129130	Date Received:	23-FEB-01
Diameter:	6	Casing Depth:	135
Well Completion:	08-FEB-01	Well Owner:	Kate Peters
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S124
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000263985**

Database:	Ecology Well Logs	Well Log ID:	339507
Well Tag:	AGN362	Project Tag:	Not Reported
Notice of Intent #:	W157528	Date Received:	07-JUN-02
Diameter:	6	Casing Depth:	150
Well Completion:	06-MAR-02	Well Owner:	Mayme Miller
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
S125 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000282829**

Database:	Ecology Well Logs	Well Log ID:	361878
Well Tag:	AHL434	Project Tag:	Not Reported
Notice of Intent #:	W165672	Date Received:	28-MAY-03
Diameter:	6	Casing Depth:	147
Well Completion:	02-MAY-03	Well Owner:	Pete Granum
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S126 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000264470**

Database:	Ecology Well Logs	Well Log ID:	340008
Well Tag:	AGN367	Project Tag:	Not Reported
Notice of Intent #:	W157546	Date Received:	07-JUN-02
Diameter:	6	Casing Depth:	140
Well Completion:	21-MAR-02	Well Owner:	Eloise Kailin
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

S127 **NNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WA1100000000945**

Database:	Water Wells	PWS ID:	02387
Source #:	01	Source Name:	Well #1
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	05/10/1993
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	166	Source Susceptibility:	X
System Name:	THOMPSON #2	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	15
Total Population Served:	15	Total Connections:	6
PWS Status:	Active	Residential Connections:	6
DOE Well Tag:	Not Reported	Capacity (GPM):	29
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	U		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

128
ESE
1/2 - 1 Mile
Higher

WA WELLS **WA1100000029112**

Database:	Water Wells	PWS ID:	AA679
Source #:	01	Source Name:	WELL #1 NO TAG
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	04/12/2004
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	100	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	JONES CAMEALLY	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	6
Total Population Served:	6	Total Connections:	1
PWS Status:	Active	Residential Connections:	1
DOE Well Tag:	Not Reported	Capacity (GPM):	5
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	U		

Q129
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40001281643**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36H01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19810817
Well Depth:	57	Well Depth Units:	ft
Well Hole Depth:	60	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1981-08-17
Feet below surface:	-4	Feet to sea level:	Not Reported
Note:	Not Reported		

S130
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001281943**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25N04	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19761029
Well Depth:	120	Well Depth Units:	ft
Well Hole Depth:	120	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1976-10-29
Feet below surface:	73	Feet to sea level:	Not Reported
Note:	Not Reported		

S131
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001281944**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25N06	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19780518
Well Depth:	109	Well Depth Units:	ft
Well Hole Depth:	109	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1978-05-18
Feet below surface:	81	Feet to sea level:	Not Reported
Note:	Not Reported		

132
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40001281459**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36J01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770607
Well Depth:	120	Well Depth Units:	ft
Well Hole Depth:	120	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-06-07
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

T133
West
1/2 - 1 Mile
Lower

FED USGS **USGS40001281628**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35G02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19780124

Well Depth:	93	Well Depth Units:	ft
Well Hole Depth:	93	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	1	Level reading date:	1978-01-24
Feet below surface:	82	Feet to sea level:	Not Reported
Note:	Not Reported		

T134
West
1/2 - 1 Mile
Lower

FED USGS **USGS40001281627**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35G01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770601
Well Depth:	86	Well Depth Units:	ft
Well Hole Depth:	86	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	1	Level reading date:	1977-06-01
Feet below surface:	45	Feet to sea level:	Not Reported
Note:	Not Reported		

U135
SSE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000282337**

Database:	Ecology Well Logs	Well Log ID:	361346
Well Tag:	AHL411	Project Tag:	Not Reported
Notice of Intent #:	W165645	Date Received:	16-APR-03
Diameter:	6	Casing Depth:	384
Well Completion:	07-FEB-03	Well Owner:	John Golbeck
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

U136
SSE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000359857**

Database:	Ecology Well Logs	Well Log ID:	457410
Well Tag:	ALK604	Project Tag:	Not Reported
Notice of Intent #:	W226998	Date Received:	08-NOV-06
Diameter:	6	Casing Depth:	160
Well Completion:	11-OCT-06	Well Owner:	Patrick Mcmenamin
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
U137 **SSE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000779593**

Database:	Ecology Well Logs	Well Log ID:	1718552
Well Tag:	BHH069	Project Tag:	Not Reported
Notice of Intent #:	W360701	Date Received:	02-JUL-18
Diameter:	6	Casing Depth:	200
Well Completion:	24-NOV-12	Well Owner:	John Goldbeck
Well Type:	Water	Driller #:	3132
Static Level:	16	Flow Rate (GPM):	5
Flow Type:	Static Level	PSI:	0
Well Test:	Bailer Test	Water Reclamation #:	18

U138
SSE
1/2 - 1 Mile
Higher

WA WELLS **WA1100000030238**

Database:	Water Wells	PWS ID:	AB773
Source #:	02	Source Name:	WELL #2 AHL411
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	05/24/2007
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	384	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	GOLBECK	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	4
Total Population Served:	8	Total Connections:	2
PWS Status:	Active	Residential Connections:	1
DOE Well Tag:	Not Reported	Capacity (GPM):	7
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	U		

U139
SSE
1/2 - 1 Mile
Higher

WA WELLS **WA1100000030237**

Database:	Water Wells	PWS ID:	AB773
Source #:	01	Source Name:	WELL #1 NO TAG
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	05/24/2007
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	225	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	GOLBECK	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	4
Total Population Served:	8	Total Connections:	2
PWS Status:	Active	Residential Connections:	1
DOE Well Tag:	Not Reported	Capacity (GPM):	0.5
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	U		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
V140 **WSW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000452890**

Database:	Ecology Well Logs	Well Log ID:	586217
Well Tag:	BAJ803	Project Tag:	Not Reported
Notice of Intent #:	W270263	Date Received:	28-APR-09
Diameter:	6	Casing Depth:	205
Well Completion:	24-APR-09	Well Owner:	Willis Gapen
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

V141 **WSW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000426072**

Database:	Ecology Well Logs	Well Log ID:	550591
Well Tag:	APQ269	Project Tag:	Not Reported
Notice of Intent #:	W219926	Date Received:	02-SEP-08
Diameter:	6	Casing Depth:	50
Well Completion:	04-AUG-08	Well Owner:	Jack Tenhulzen
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T142 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060216**

Database:	Ecology Well Logs	Well Log ID:	58519
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W034078	Date Received:	Not Reported
Diameter:	6	Casing Depth:	140
Well Completion:	01-MAR-94	Well Owner:	John Spaulding
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T143 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060199**

Database:	Ecology Well Logs	Well Log ID:	58501
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	16-MAY-88
Diameter:	0	Casing Depth:	0

Well Completion:	06-MAY-88	Well Owner:	John Petersen
Well Type:	Water	Driller #:	0779
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T144
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061066**

Database:	Ecology Well Logs	Well Log ID:	59503
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W055284	Date Received:	25-AUG-94
Diameter:	6	Casing Depth:	131
Well Completion:	29-JUL-94	Well Owner:	Ried Burt
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T145
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000060592**

Database:	Ecology Well Logs	Well Log ID:	58937
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	061261	Date Received:	01-JUN-90
Diameter:	6	Casing Depth:	85
Well Completion:	28-MAR-90	Well Owner:	Mary Swanson
Well Type:	Water	Driller #:	1073
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T146
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059896**

Database:	Ecology Well Logs	Well Log ID:	58167
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	90
Well Completion:	17-OCT-73	Well Owner:	J. E. Bergeron
Well Type:	Water	Driller #:	0543
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
T147 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000058863**

Database:	Ecology Well Logs	Well Log ID:	56965
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	09-SEP-77
Diameter:	6	Casing Depth:	86
Well Completion:	01-JUN-77	Well Owner:	Bruce Fernie
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T148 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000058744**

Database:	Ecology Well Logs	Well Log ID:	56829
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	04-JAN-80
Diameter:	6	Casing Depth:	77
Well Completion:	26-OCT-79	Well Owner:	Bill Townsand
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T149 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059784**

Database:	Ecology Well Logs	Well Log ID:	58031
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W038649	Date Received:	13-APR-94
Diameter:	6	Casing Depth:	131
Well Completion:	07-MAR-94	Well Owner:	Harden Joe
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T150 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059105**

Database:	Ecology Well Logs	Well Log ID:	57257
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	28-FEB-78
Diameter:	6	Casing Depth:	93

Well Completion:	24-JAN-78	Well Owner:	Dal Rife
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T151
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061332**

Database:	Ecology Well Logs	Well Log ID:	59808
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W034061	Date Received:	Not Reported
Diameter:	6	Casing Depth:	122
Well Completion:	02-MAR-94	Well Owner:	Spaulding Jack
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T152
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000285443**

Database:	Ecology Well Logs	Well Log ID:	365253
Well Tag:	AGQ658	Project Tag:	Not Reported
Notice of Intent #:	W159313	Date Received:	07-JUL-03
Diameter:	6	Casing Depth:	216
Well Completion:	16-JUN-03	Well Owner:	Willis Gapan
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T153
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000239265**

Database:	Ecology Well Logs	Well Log ID:	312195
Well Tag:	AGC559	Project Tag:	Not Reported
Notice of Intent #:	W136819	Date Received:	25-APR-01
Diameter:	6	Casing Depth:	211
Well Completion:	21-MAR-01	Well Owner:	Judy Peterson
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
T154 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000372811**

Database:	Ecology Well Logs	Well Log ID:	475211
Well Tag:	AKK253	Project Tag:	Not Reported
Notice of Intent #:	W219257	Date Received:	09-APR-07
Diameter:	6	Casing Depth:	122
Well Completion:	20-SEP-05	Well Owner:	Nell Townsend
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T155 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000305781**

Database:	Ecology Well Logs	Well Log ID:	386943
Well Tag:	AHM370	Project Tag:	Not Reported
Notice of Intent #:	W168250	Date Received:	24-MAY-04
Diameter:	6	Casing Depth:	135
Well Completion:	10-MAR-04	Well Owner:	Craig Haught
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T156 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000228774**

Database:	Ecology Well Logs	Well Log ID:	301196
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	A011733	Date Received:	26-JAN-01
Diameter:	0	Casing Depth:	35
Well Completion:	23-JAN-01	Well Owner:	Joseph Homer
Well Type:	Decommisioning	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T157 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000200812**

Database:	Ecology Well Logs	Well Log ID:	248866
Well Tag:	AFG708	Project Tag:	Not Reported
Notice of Intent #:	W125347	Date Received:	15-JUN-00
Diameter:	6	Casing Depth:	122

Well Completion:	01-MAY-00	Well Owner:	Schmitz Frank
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T158
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061732**

Database:	Ecology Well Logs	Well Log ID:	60253
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	055502	Date Received:	Not Reported
Diameter:	6	Casing Depth:	122
Well Completion:	24-AUG-94	Well Owner:	Willis Gapen
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T159
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000228773**

Database:	Ecology Well Logs	Well Log ID:	301195
Well Tag:	AEN324	Project Tag:	Not Reported
Notice of Intent #:	W111582	Date Received:	26-JAN-01
Diameter:	6	Casing Depth:	150
Well Completion:	23-JAN-01	Well Owner:	Joe Homer
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

T160
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000228729**

Database:	Ecology Well Logs	Well Log ID:	301146
Well Tag:	AGC507	Project Tag:	Not Reported
Notice of Intent #:	W136154	Date Received:	19-JAN-01
Diameter:	6	Casing Depth:	111
Well Completion:	06-NOV-00	Well Owner:	Ed Campbell
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
W161 **WSW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001281337**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35Q01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19920305
Well Depth:	118	Well Depth Units:	ft
Well Hole Depth:	118	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1992-03-20
Feet below surface:	98	Feet to sea level:	Not Reported
Note:	Not Reported		

X162 **North** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001282001**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25P01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770321
Well Depth:	125	Well Depth Units:	ft
Well Hole Depth:	130	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-03-21
Feet below surface:	84	Feet to sea level:	Not Reported
Note:	Not Reported		

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163 **WNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001281713**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35B03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19801103
Well Depth:	74	Well Depth Units:	ft
Well Hole Depth:	74	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1980-11-03
Feet below surface:	50	Feet to sea level:	Not Reported
Note:	Not Reported		

164
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40001280768**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	29N/04W-01B01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19750312
Well Depth:	203	Well Depth Units:	ft
Well Hole Depth:	203	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1975-03-12
Feet below surface:	10	Feet to sea level:	Not Reported
Note:	Not Reported		

Y165
SSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000405691**

Database:	Ecology Well Logs	Well Log ID:	522262
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	A104122	Date Received:	21-MAR-08
Diameter:	0	Casing Depth:	0
Well Completion:	27-FEB-08	Well Owner:	Geo Resources | Geo Resources
Well Type:	Decommisioning	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Y166
SSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000405690**

Database:	Ecology Well Logs	Well Log ID:	522260
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	S031963	Date Received:	21-MAR-08
Diameter:	0	Casing Depth:	0
Well Completion:	27-FEB-08	Well Owner:	Geo Resources | Geo Resources
Well Type:	Resource Protection	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
Y167 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000405689**

Database:	Ecology Well Logs	Well Log ID:	522258
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	S031963	Date Received:	21-MAR-08
Diameter:	0	Casing Depth:	10
Well Completion:	27-FEB-08	Well Owner:	Geo Resources | Geo Resources
Well Type:	Resource Protection	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

	Database	EDR ID Number
Y168 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000405692**

Database:	Ecology Well Logs	Well Log ID:	522264
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	A104122	Date Received:	21-MAR-08
Diameter:	0	Casing Depth:	0
Well Completion:	27-FEB-08	Well Owner:	Geo Resources | Geo Resources
Well Type:	Decommisioning	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

	Database	EDR ID Number
Y169 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000797149**

Database:	Ecology Well Logs	Well Log ID:	1734955
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	AE41603	Date Received:	02-JUN-18
Diameter:	0	Casing Depth:	57
Well Completion:	05-FEB-17	Well Owner:	Karl Ziegenbein - Jamestown Sklallam Tribe
Well Type:	Decommisioning	Driller #:	3132
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

	Database	EDR ID Number
Y170 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000759356**

Database:	Ecology Well Logs	Well Log ID:	1617240
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W069220	Date Received:	14-APR-17
Diameter:	0	Casing Depth:	57

Well Completion:	05-FEB-17	Well Owner:	Beno C Flath
Well Type:	Water	Driller #:	3132
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Y171
SSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000405693**

Database:	Ecology Well Logs	Well Log ID:	522266
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	S031963	Date Received:	21-MAR-08
Diameter:	0	Casing Depth:	0
Well Completion:	27-FEB-08	Well Owner:	Geo Resources | Geo Resources
Well Type:	Resource Protection	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Y172
SSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000048873**

Database:	Ecology Well Logs	Well Log ID:	45526
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	069036	Date Received:	03-JUL-92
Diameter:	6	Casing Depth:	357
Well Completion:	17-DEC-91	Well Owner:	Daine Smith
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Y173
SSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000048620**

Database:	Ecology Well Logs	Well Log ID:	45230
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	069730	Date Received:	20-MAR-92
Diameter:	6	Casing Depth:	50
Well Completion:	20-SEP-91	Well Owner:	Christy Tucker
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
Y174 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000047792**

Database:	Ecology Well Logs	Well Log ID:	44308
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	069220	Date Received:	22-MAY-97
Diameter:	6	Casing Depth:	41
Well Completion:	12-DEC-96	Well Owner:	Beno Flath
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Y175 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000052773**

Database:	Ecology Well Logs	Well Log ID:	49907
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	19-FEB-86
Diameter:	6	Casing Depth:	29
Well Completion:	16-DEC-85	Well Owner:	Lloyd Engelbart
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Y176 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000056092**

Database:	Ecology Well Logs	Well Log ID:	53738
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W038605	Date Received:	Not Reported
Diameter:	6	Casing Depth:	162
Well Completion:	11-JAN-94	Well Owner:	Walsh Elaine
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Y177 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000053087**

Database:	Ecology Well Logs	Well Log ID:	50273
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W038603	Date Received:	Not Reported
Diameter:	6	Casing Depth:	604

Well Completion:	14-DEC-93	Well Owner:	Mc Omber Lanny
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Y178
SSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000053086**

Database:	Ecology Well Logs	Well Log ID:	50272
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W038604	Date Received:	Not Reported
Diameter:	6	Casing Depth:	120
Well Completion:	15-JAN-94	Well Owner:	Mc Omber Lanny
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Z179
ENE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000229001**

Database:	Ecology Well Logs	Well Log ID:	301479
Well Tag:	AFC820	Project Tag:	Not Reported
Notice of Intent #:	W125381	Date Received:	01-NOV-00
Diameter:	6	Casing Depth:	40
Well Completion:	03-OCT-00	Well Owner:	Greg Bland
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Z180
ENE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000060095**

Database:	Ecology Well Logs	Well Log ID:	58388
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	064562	Date Received:	Not Reported
Diameter:	6	Casing Depth:	40
Well Completion:	13-JUL-90	Well Owner:	Jim Wood
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
Z181 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000060048**

Database:	Ecology Well Logs	Well Log ID:	58334
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	062619	Date Received:	Not Reported
Diameter:	6	Casing Depth:	43
Well Completion:	08-MAR-90	Well Owner:	Jim Coley
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Z182 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000609578**

Database:	Ecology Well Logs	Well Log ID:	894745
Well Tag:	BHH068	Project Tag:	Not Reported
Notice of Intent #:	W269087	Date Received:	26-SEP-12
Diameter:	2	Casing Depth:	140
Well Completion:	19-SEP-12	Well Owner:	Dave Salmon
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Z183 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000501216**

Database:	Ecology Well Logs	Well Log ID:	681152
Well Tag:	BAJ816	Project Tag:	Not Reported
Notice of Intent #:	W270277	Date Received:	24-SEP-10
Diameter:	6	Casing Depth:	61
Well Completion:	23-SEP-10	Well Owner:	John Ferera
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

Z184 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000255527**

Database:	Ecology Well Logs	Well Log ID:	330695
Well Tag:	AFT574	Project Tag:	Not Reported
Notice of Intent #:	W157461	Date Received:	24-JAN-02
Diameter:	6	Casing Depth:	140

Well Completion:	10-OCT-01	Well Owner:	Robert Newton
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AA185
NNE
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000215563**

Database:	Ecology Well Logs	Well Log ID:	277660
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	114
Well Completion:	Not Reported	Well Owner:	Gary Peterson
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AA186
NNE
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000203949**

Database:	Ecology Well Logs	Well Log ID:	252333
Well Tag:	AFB908	Project Tag:	Not Reported
Notice of Intent #:	W097185	Date Received:	09-MAY-00
Diameter:	6	Casing Depth:	139
Well Completion:	29-FEB-00	Well Owner:	Mary Bartlet
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AA187
NNE
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059427**

Database:	Ecology Well Logs	Well Log ID:	57621
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	062612	Date Received:	Not Reported
Diameter:	6	Casing Depth:	124
Well Completion:	13-APR-90	Well Owner:	Ed Raymond
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AA188 **NNE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000352415**

Database:	Ecology Well Logs	Well Log ID:	446060
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	AE01742	Date Received:	21-JUL-06
Diameter:	6	Casing Depth:	0
Well Completion:	11-MAY-06	Well Owner:	Jim Mcnary
Well Type:	Decommisioning	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AA189 **NNE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000282885**

Database:	Ecology Well Logs	Well Log ID:	361978
Well Tag:	AGN298	Project Tag:	Not Reported
Notice of Intent #:	W165636	Date Received:	21-APR-03
Diameter:	6	Casing Depth:	116
Well Completion:	04-FEB-03	Well Owner:	Gary And Marilyn Pelason
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AA190 **NNE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000281478**

Database:	Ecology Well Logs	Well Log ID:	360279
Well Tag:	AGQ644	Project Tag:	Not Reported
Notice of Intent #:	W137744	Date Received:	03-APR-03
Diameter:	6	Casing Depth:	123
Well Completion:	06-FEB-03	Well Owner:	David Ketcherside Sr
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

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191 **NNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001281994**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25N05	Type:	Well
Description:	Not Reported	HUC:	17110020

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19760408
Well Depth:	112	Well Depth Units:	ft
Well Hole Depth:	112	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1976-04-08
Feet below surface:	79	Feet to sea level:	Not Reported
Note:	Not Reported		

AB192
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40001281332**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36R01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770811
Well Depth:	100	Well Depth Units:	ft
Well Hole Depth:	100	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-08-11
Feet below surface:	-2	Feet to sea level:	Not Reported
Note:	Not Reported		

AB193
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40001281333**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36R02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770816
Well Depth:	64	Well Depth Units:	ft
Well Hole Depth:	64	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-08-16
Feet below surface:	11	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AB194 **ESE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001281336**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36R05	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19810116
Well Depth:	60	Well Depth Units:	ft
Well Hole Depth:	64	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1981-01-16
Feet below surface:	6	Feet to sea level:	Not Reported
Note:	Not Reported		

	Database	EDR ID Number
AB195 **ESE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001281334**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-36R03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770809
Well Depth:	180	Well Depth Units:	ft
Well Hole Depth:	180	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-08-09
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

	Database	EDR ID Number
AC196 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WA1100000012390**

Database:	Water Wells	PWS ID:	16664
Source #:	01	Source Name:	MAIN WELL
Source Status:	Inactive	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	01/01/1970
Date Source Inactive:	06/01/2007	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	108	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	CANTWELL, SAM	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	5
Total Population Served:	5	Total Connections:	2
PWS Status:	Inactive	Residential Connections:	2
DOE Well Tag:	Not Reported	Capacity (GPM):	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Influenced by Droughts: Not Reported
Influenced by Flooding: Not Reported
Influenced by Surface Water: U

AB197
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000115721**

Database:	Ecology Well Logs	Well Log ID:	122700
Well Tag:	AEA150	Project Tag:	Not Reported
Notice of Intent #:	W045999	Date Received:	20-JUN-99
Diameter:	6	Casing Depth:	415
Well Completion:	15-AUG-98	Well Owner:	Mark Butcher
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AB198
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000061130**

Database:	Ecology Well Logs	Well Log ID:	59576
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	29-AUG-77
Diameter:	6	Casing Depth:	64
Well Completion:	16-AUG-77	Well Owner:	Robert Williams
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AB199
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000446143**

Database:	Ecology Well Logs	Well Log ID:	577589
Well Tag:	AEE037	Project Tag:	Not Reported
Notice of Intent #:	W101248	Date Received:	14-SEP-98
Diameter:	6	Casing Depth:	264
Well Completion:	29-AUG-98	Well Owner:	Ralph Cadger
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

AB200
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000361518**

Database:	Ecology Well Logs	Well Log ID:	459730
Well Tag:	AEE037	Project Tag:	Not Reported
Notice of Intent #:	W233667	Date Received:	30-NOV-06
Diameter:	6	Casing Depth:	600
Well Completion:	14-OCT-06	Well Owner:	Ralph Cadger
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AB201
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000061129**

Database:	Ecology Well Logs	Well Log ID:	59575
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	29-AUG-77
Diameter:	6	Casing Depth:	100
Well Completion:	11-AUG-77	Well Owner:	Robert Williams
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AB202
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000060774**

Database:	Ecology Well Logs	Well Log ID:	59154
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	29-SEP-77
Diameter:	0	Casing Depth:	0
Well Completion:	29-JUN-77	Well Owner:	O. L. Coutu
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AB203
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000060935**

Database:	Ecology Well Logs	Well Log ID:	59350
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	067153	Date Received:	20-NOV-91
Diameter:	6	Casing Depth:	142

Well Completion:	11-SEP-91	Well Owner:	Ralph Cadger
Well Type:	Water	Driller #:	1073
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AB204
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000061128**

Database:	Ecology Well Logs	Well Log ID:	59574
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	29-AUG-77
Diameter:	6	Casing Depth:	0
Well Completion:	09-AUG-77	Well Owner:	Robert Williams
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AB205
ESE
1/2 - 1 Mile
Higher

WA WELLS **WA1100000031343**

Database:	Water Wells	PWS ID:	AC834
Source #:	01	Source Name:	Well #1
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	03/19/2012
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	122	Source Susceptibility:	X
System Name:	McCarter Place	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	6
Total Population Served:	6	Total Connections:	3
PWS Status:	Active	Residential Connections:	3
DOE Well Tag:	Not Reported	Capacity (GPM):	20
Influenced by Droughts:	N	Influenced by Flooding:	N
Influenced by Surface Water:	U		

X206
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001282015**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25P02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19700505
Well Depth:	153	Well Depth Units:	ft
Well Hole Depth:	153	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1970-05-05
Feet below surface:	86	Feet to sea level:	Not Reported
Note:	Not Reported		

AD207
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001281769**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35B02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19790216
Well Depth:	33	Well Depth Units:	ft
Well Hole Depth:	33	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1979-04-12
Feet below surface:	12	Feet to sea level:	Not Reported
Note:	Not Reported		

AE208
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001281918**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25N03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19750922
Well Depth:	100	Well Depth Units:	ft
Well Hole Depth:	100	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1975-09-22
Feet below surface:	73	Feet to sea level:	Not Reported
Note:	Not Reported		

AE209
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001282003**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25N02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740823

Well Depth:	101	Well Depth Units:	ft
Well Hole Depth:	101	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	1	Level reading date:	1974-08-23
Feet below surface:	78	Feet to sea level:	Not Reported
Note:	Not Reported		

AF210
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059458**

Database:	Ecology Well Logs	Well Log ID:	57660
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	29-APR-87
Diameter:	6	Casing Depth:	64
Well Completion:	10-APR-87	Well Owner:	Elizabeth Wollmann
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AF211
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000058986**

Database:	Ecology Well Logs	Well Log ID:	57107
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	57
Well Completion:	05-AUG-46	Well Owner:	Chester King
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AF212
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000483673**

Database:	Ecology Well Logs	Well Log ID:	646283
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	0	Casing Depth:	0
Well Completion:	05-MAR-69	Well Owner:	Dungeness Mobile Homes Inc
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
W213 **WSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000059368**

Database:	Ecology Well Logs	Well Log ID:	57554
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W033194	Date Received:	20-AUG-93
Diameter:	6	Casing Depth:	121
Well Completion:	30-JUL-93	Well Owner:	Dropp Chester
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

W214 **WSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000062015**

Database:	Ecology Well Logs	Well Log ID:	60609
Well Tag:	ACR137	Project Tag:	Not Reported
Notice of Intent #:	W095520	Date Received:	18-SEP-98
Diameter:	6	Casing Depth:	120
Well Completion:	28-AUG-98	Well Owner:	Don Schultz
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

W215 **WSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000062005**

Database:	Ecology Well Logs	Well Log ID:	60598
Well Tag:	ACR081	Project Tag:	Not Reported
Notice of Intent #:	W095543	Date Received:	19-FEB-99
Diameter:	6	Casing Depth:	183
Well Completion:	15-OCT-98	Well Owner:	Doug Jones
Well Type:	Water	Driller #:	2374
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

W216 **WSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000773215**

Database:	Ecology Well Logs	Well Log ID:	1654557
Well Tag:	ACR137	Project Tag:	Not Reported
Notice of Intent #:	WE29149	Date Received:	30-NOV-17
Diameter:	6	Casing Depth:	240

Well Completion:	14-SEP-17	Well Owner:	Joshua Vides
Well Type:	Water	Driller #:	3161
Static Level:	0	Flow Rate (GPM):	30
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

W217
WSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000263982**

Database:	Ecology Well Logs	Well Log ID:	339504
Well Tag:	ACR137	Project Tag:	Not Reported
Notice of Intent #:	W157524	Date Received:	11-JUN-02
Diameter:	6	Casing Depth:	180
Well Completion:	21-FEB-02	Well Owner:	Don Shultz
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

W218
WSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000674625**

Database:	Ecology Well Logs	Well Log ID:	1024293
Well Tag:	BHR181	Project Tag:	Not Reported
Notice of Intent #:	WE20518	Date Received:	19-MAY-15
Diameter:	6	Casing Depth:	198
Well Completion:	29-APR-15	Well Owner:	Paul And Jane Quinn
Well Type:	Water	Driller #:	2374
Static Level:	112	Flow Rate (GPM):	20
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

W219
WSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000464102**

Database:	Ecology Well Logs	Well Log ID:	607100
Well Tag:	ALJ169	Project Tag:	Not Reported
Notice of Intent #:	WE09720	Date Received:	15-JUL-09
Diameter:	6	Casing Depth:	199
Well Completion:	05-JUN-09	Well Owner:	John Dropp
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
W220 **WSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000439191**

Database:	Ecology Well Logs	Well Log ID:	568104
Well Tag:	BAJ369	Project Tag:	Not Reported
Notice of Intent #:	W265863	Date Received:	02-FEB-09
Diameter:	6	Casing Depth:	195
Well Completion:	19-JAN-09	Well Owner:	Tom Bailey
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

W221 **WSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000061638**

Database:	Ecology Well Logs	Well Log ID:	60151
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	085746	Date Received:	13-APR-92
Diameter:	6	Casing Depth:	118
Well Completion:	20-MAR-92	Well Owner:	Warron Longhurst
Well Type:	Water	Driller #:	2001
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

W222 **WSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WA1100000030557**

Database:	Water Wells	PWS ID:	AC079
Source #:	01	Source Name:	WELL #1 NO TAG
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	01/04/2008
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	181	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	DROPP	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	10
Total Population Served:	10	Total Connections:	4
PWS Status:	Active	Residential Connections:	4
DOE Well Tag:	Not Reported	Capacity (GPM):	26
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	U		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
W223 **WSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WA1100000030916**

Database:	Water Wells	PWS ID:	AC421
Source #:	02	Source Name:	Well #2 BBN253
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	07/03/2009
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	96	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	Juenemann	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	5
Total Population Served:	5	Total Connections:	2
PWS Status:	Active	Residential Connections:	2
DOE Well Tag:	Not Reported	Capacity (GPM):	25
Influenced by Droughts:	N	Influenced by Flooding:	N
Influenced by Surface Water:	U		

AD224 **WNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059104**

Database:	Ecology Well Logs	Well Log ID:	57256
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	33
Well Completion:	16-FEB-79	Well Owner:	Dal Rife
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AD225 **WNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059421**

Database:	Ecology Well Logs	Well Log ID:	57615
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	028415	Date Received:	13-SEP-89
Diameter:	0	Casing Depth:	0
Well Completion:	06-SEP-89	Well Owner:	Ed Papurski
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AD226 **WNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000058988**

Database:	Ecology Well Logs	Well Log ID:	57109
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	79
Well Completion:	15-OCT-73	Well Owner:	Chester Sorlie
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AD227 **WNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059018**

Database:	Ecology Well Logs	Well Log ID:	57147
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	067173	Date Received:	20-NOV-91
Diameter:	6	Casing Depth:	110
Well Completion:	04-OCT-91	Well Owner:	Cindy Glasier
Well Type:	Water	Driller #:	1073
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AD228 **WNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000062198**

Database:	Ecology Well Logs	Well Log ID:	60800
Well Tag:	AEJ782	Project Tag:	Not Reported
Notice of Intent #:	W107147	Date Received:	03-FEB-99
Diameter:	6	Casing Depth:	122
Well Completion:	19-DEC-98	Well Owner:	Duane Anderson
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AD229 **WNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000344856**

Database:	Ecology Well Logs	Well Log ID:	434779
Well Tag:	AKB873	Project Tag:	Not Reported
Notice of Intent #:	W168220	Date Received:	21-MAR-06
Diameter:	6	Casing Depth:	179

Well Completion:	16-NOV-05	Well Owner:	Dennis Taylor
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AD230
WNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000060267**

Database:	Ecology Well Logs	Well Log ID:	58580
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	065452	Date Received:	Not Reported
Diameter:	6	Casing Depth:	101
Well Completion:	09-JUL-95	Well Owner:	Kathleen Duncan
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AD231
WNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061821**

Database:	Ecology Well Logs	Well Log ID:	60380
Well Tag:	ABB814	Project Tag:	Not Reported
Notice of Intent #:	W034289	Date Received:	26-JAN-95
Diameter:	6	Casing Depth:	93
Well Completion:	06-OCT-94	Well Owner:	Boone & Kathy Cameron
Well Type:	Water	Driller #:	1073
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AG232
West
1/2 - 1 Mile
Lower

FED USGS **USGS40001281697**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35G05	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770410
Well Depth:	91.4	Well Depth Units:	ft
Well Hole Depth:	92	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-04-10
Feet below surface:	70	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

AG233
West
1/2 - 1 Mile
Lower

FED USGS **USGS40001281611**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35G03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770626
Well Depth:	91	Well Depth Units:	ft
Well Hole Depth:	95	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-06-26
Feet below surface:	74	Feet to sea level:	Not Reported
Note:	Not Reported		

234
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061381**

Database:	Ecology Well Logs	Well Log ID:	59860
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	26-JUN-81
Diameter:	6	Casing Depth:	177
Well Completion:	07-MAY-81	Well Owner:	Steve Stusser
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

235
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001281995**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-26R01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19460413
Well Depth:	57	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1946-08-05
Feet below surface:	12	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AC236 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000058771**

Database:	Ecology Well Logs	Well Log ID:	56859
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	06-JUL-77
Diameter:	6	Casing Depth:	91
Well Completion:	26-JUN-77	Well Owner:	Bob Davis
Well Type:	Water	Driller #:	0779
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AC237 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060455**

Database:	Ecology Well Logs	Well Log ID:	58779
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	86
Well Completion:	Not Reported	Well Owner:	Lewis Appland
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AC238 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059940**

Database:	Ecology Well Logs	Well Log ID:	58212
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W034337	Date Received:	28-SEP-93
Diameter:	6	Casing Depth:	80
Well Completion:	25-AUG-93	Well Owner:	James Baldwin
Well Type:	Water	Driller #:	0779
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AH239 **NNE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001282029**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25L06	Type:	Well
Description:	Not Reported	HUC:	17110020

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740503
Well Depth:	101	Well Depth Units:	ft
Well Hole Depth:	101	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1974-05-03
Feet below surface:	78	Feet to sea level:	Not Reported
Note:	Not Reported		

AH240
NNE
1/2 - 1 Mile
Lower

FED USGS **USGS40001282030**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25L07	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770208
Well Depth:	95	Well Depth Units:	ft
Well Hole Depth:	95	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-02-08
Feet below surface:	85	Feet to sea level:	Not Reported
Note:	Not Reported		

241
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40001281320**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35Q02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19900719
Well Depth:	181	Well Depth Units:	ft
Well Hole Depth:	181	Well Hole Depth Units:	ft

242
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40001281426**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35L02	Type:	Well
Description:	Not Reported	HUC:	17110020

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19771102
Well Depth:	27	Well Depth Units:	ft
Well Hole Depth:	27	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-11-02
Feet below surface:	14	Feet to sea level:	Not Reported
Note:	Not Reported		

AH243
NNE
1/2 - 1 Mile
Lower

FED USGS **USGS40001282053**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25L01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19750127
Well Depth:	107	Well Depth Units:	ft
Well Hole Depth:	107	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1975-01-27
Feet below surface:	75	Feet to sea level:	Not Reported
Note:	Not Reported		

244
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40001281721**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31D03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19810130
Well Depth:	29	Well Depth Units:	ft
Well Hole Depth:	29	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1981-01-30
Feet below surface:	4	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AI245 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001281479**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31M01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770621
Well Depth:	73	Well Depth Units:	ft
Well Hole Depth:	73	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-06-21
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

AI246 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001281481**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31M03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19710519
Well Depth:	150	Well Depth Units:	ft
Well Hole Depth:	150	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1971-05-19
Feet below surface:	13	Feet to sea level:	Not Reported
Note:	Not Reported		

AI247 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001281480**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31M02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770617
Well Depth:	67	Well Depth Units:	ft
Well Hole Depth:	67	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-06-17
Feet below surface:	7	Feet to sea level:	Not Reported
Note:	Not Reported		

AJ248
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001281770**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35C03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19790305
Well Depth:	58	Well Depth Units:	ft
Well Hole Depth:	62	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1979-03-05
Feet below surface:	5	Feet to sea level:	Not Reported
Note:	Not Reported		

AK249
SW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000238764**

Database:	Ecology Well Logs	Well Log ID:	311638
Well Tag:	AFC825	Project Tag:	Not Reported
Notice of Intent #:	W124298	Date Received:	24-JAN-01
Diameter:	6	Casing Depth:	165
Well Completion:	04-JAN-01	Well Owner:	Mark Textor
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AK250
SW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000207462**

Database:	Ecology Well Logs	Well Log ID:	256422
Well Tag:	AFL963	Project Tag:	Not Reported
Notice of Intent #:	W097196	Date Received:	20-SEP-00
Diameter:	6	Casing Depth:	198
Well Completion:	27-JUL-00	Well Owner:	Desmond Peckham
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AK251 **SW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000049106**

Database:	Ecology Well Logs	Well Log ID:	45781
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	192
Well Completion:	16-FEB-93	Well Owner:	Davi Carl
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AK252 **SW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000238967**

Database:	Ecology Well Logs	Well Log ID:	311859
Well Tag:	AFG841	Project Tag:	Not Reported
Notice of Intent #:	W134963	Date Received:	09-APR-01
Diameter:	6	Casing Depth:	161
Well Completion:	26-JAN-01	Well Owner:	Mary Turner
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AK253 **SW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000484536**

Database:	Ecology Well Logs	Well Log ID:	648099
Well Tag:	BAJ421	Project Tag:	Not Reported
Notice of Intent #:	W217751	Date Received:	31-MAR-10
Diameter:	6	Casing Depth:	183
Well Completion:	14-DEC-09	Well Owner:	Erik Kadel
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AK254 **SW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000340813**

Database:	Ecology Well Logs	Well Log ID:	429040
Well Tag:	ALL267	Project Tag:	Not Reported
Notice of Intent #:	W219271	Date Received:	13-JAN-06
Diameter:	6	Casing Depth:	260

Well Completion:	06-DEC-05	Well Owner:	Doug Knapman
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AK255
SW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000301966**

Database:	Ecology Well Logs	Well Log ID:	382974
Well Tag:	AHR365	Project Tag:	Not Reported
Notice of Intent #:	W166226	Date Received:	14-JAN-04
Diameter:	6	Casing Depth:	236
Well Completion:	12-JAN-04	Well Owner:	Pamela Caldero
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL256
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001282101**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25L03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19761116
Well Depth:	126	Well Depth Units:	ft
Well Hole Depth:	126	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1976-11-16
Feet below surface:	75	Feet to sea level:	Not Reported
Note:	Not Reported		

AL257
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001282100**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25L02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770608
Well Depth:	132	Well Depth Units:	ft
Well Hole Depth:	132	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-06-08
Feet below surface:	80	Feet to sea level:	Not Reported
Note:	Not Reported		

AL258
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001282102**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25L04	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19780406
Well Depth:	109	Well Depth Units:	ft
Well Hole Depth:	109	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1978-04-06
Feet below surface:	71	Feet to sea level:	Not Reported
Note:	Not Reported		

AL259
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001282104**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25L09	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19700415
Well Depth:	118	Well Depth Units:	ft
Well Hole Depth:	118	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1970-04-15
Feet below surface:	79	Feet to sea level:	Not Reported
Note:	Not Reported		

AL260
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001282103**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25L05	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19780512

Well Depth:	110	Well Depth Units:	ft
Well Hole Depth:	110	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1978-05-12
Feet below surface:	81	Feet to sea level:	Not Reported
Note:	Not Reported		

261
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40001281435**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35L04	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19941025
Well Depth:	187	Well Depth Units:	ft
Well Hole Depth:	208	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	3	Level reading date:	1996-03-12
Feet below surface:	18.07	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-10-11	Feet below surface:	33.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-14	Feet below surface:	36
Feet to sea level:	Not Reported	Note:	Not Reported

AJ262
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001281796**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35C01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740316
Well Depth:	95	Well Depth Units:	ft
Well Hole Depth:	95	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1974-03-16
Feet below surface:	13	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

AL263
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061331**

Database:	Ecology Well Logs	Well Log ID:	59807
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	136
Well Completion:	20-JUN-81	Well Owner:	Sotican Drilling Co Inc
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL264
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061203**

Database:	Ecology Well Logs	Well Log ID:	59659
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	11-FEB-75
Diameter:	6	Casing Depth:	106
Well Completion:	27-JAN-75	Well Owner:	Roy Coburn
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL265
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061080**

Database:	Ecology Well Logs	Well Log ID:	59517
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	21-JUN-78
Diameter:	6	Casing Depth:	110
Well Completion:	12-MAY-78	Well Owner:	Robert Church
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL266
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000240391**

Database:	Ecology Well Logs	Well Log ID:	313394
Well Tag:	AFT504	Project Tag:	Not Reported
Notice of Intent #:	W134971	Date Received:	28-AUG-01
Diameter:	6	Casing Depth:	142

Well Completion:	22-MAR-01	Well Owner:	Jim Salmon
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL267
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000239263**

Database:	Ecology Well Logs	Well Log ID:	312193
Well Tag:	AGC541	Project Tag:	Not Reported
Notice of Intent #:	W136828	Date Received:	25-APR-01
Diameter:	6	Casing Depth:	139
Well Completion:	16-APR-01	Well Owner:	Lloyd Schneider
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL268
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000062070**

Database:	Ecology Well Logs	Well Log ID:	60666
Well Tag:	AEA406	Project Tag:	Not Reported
Notice of Intent #:	W072656	Date Received:	25-MAR-98
Diameter:	6	Casing Depth:	124
Well Completion:	10-MAR-98	Well Owner:	Louis Mussack
Well Type:	Water	Driller #:	1979
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL269
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000058728**

Database:	Ecology Well Logs	Well Log ID:	56812
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	054503	Date Received:	Not Reported
Diameter:	6	Casing Depth:	121
Well Completion:	25-OCT-94	Well Owner:	Bill Mitchell
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AL270 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059534**

Database:	Ecology Well Logs	Well Log ID:	57755
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	126
Well Completion:	16-NOV-77	Well Owner:	Frances Robinson
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL271 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059594**

Database:	Ecology Well Logs	Well Log ID:	57821
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	100
Well Completion:	22-SEP-75	Well Owner:	Funston Johnson
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL272 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060976**

Database:	Ecology Well Logs	Well Log ID:	59396
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	07-JUL-77
Diameter:	6	Casing Depth:	132
Well Completion:	08-JUN-77	Well Owner:	Ray Nelson
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL273 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059954**

Database:	Ecology Well Logs	Well Log ID:	58226
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	05-JAN-78
Diameter:	6	Casing Depth:	118

Well Completion:	15-APR-70	Well Owner:	James Parker
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL274
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059794**

Database:	Ecology Well Logs	Well Log ID:	58042
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	24-APR-78
Diameter:	6	Casing Depth:	108
Well Completion:	06-APR-78	Well Owner:	Harold Purvis
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL275
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000344846**

Database:	Ecology Well Logs	Well Log ID:	434763
Well Tag:	AKB886	Project Tag:	Not Reported
Notice of Intent #:	W218273	Date Received:	21-MAR-06
Diameter:	6	Casing Depth:	161.5
Well Completion:	25-JAN-06	Well Owner:	Randall Clark
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL276
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000344669**

Database:	Ecology Well Logs	Well Log ID:	434518
Well Tag:	ALL273	Project Tag:	Not Reported
Notice of Intent #:	W219276	Date Received:	14-MAR-06
Diameter:	6	Casing Depth:	144
Well Completion:	23-JAN-06	Well Owner:	Russ Allaman
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AL277 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000459089**

Database:	Ecology Well Logs	Well Log ID:	597773
Well Tag:	BAJ395	Project Tag:	Not Reported
Notice of Intent #:	W265892	Date Received:	04-AUG-09
Diameter:	6	Casing Depth:	142
Well Completion:	24-JUN-09	Well Owner:	Dolores Kutler
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL278 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000352118**

Database:	Ecology Well Logs	Well Log ID:	445673
Well Tag:	ALG790	Project Tag:	Not Reported
Notice of Intent #:	W136829	Date Received:	17-JUL-06
Diameter:	6	Casing Depth:	142
Well Completion:	27-JUN-06	Well Owner:	Ray Kenoyer
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL279 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000305666**

Database:	Ecology Well Logs	Well Log ID:	386824
Well Tag:	AKA798	Project Tag:	Not Reported
Notice of Intent #:	W181605	Date Received:	11-MAY-04
Diameter:	6	Casing Depth:	143
Well Completion:	22-APR-04	Well Owner:	Ron Sweet
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL280 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000240704**

Database:	Ecology Well Logs	Well Log ID:	313729
Well Tag:	AGC546	Project Tag:	Not Reported
Notice of Intent #:	W136818	Date Received:	02-JUL-01
Diameter:	6	Casing Depth:	125

Well Completion:	04-MAY-01	Well Owner:	Lt Lloyd Construction Corp
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL281
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000240696**

Database:	Ecology Well Logs	Well Log ID:	313721
Well Tag:	AGC579	Project Tag:	Not Reported
Notice of Intent #:	W136845	Date Received:	11-JUL-01
Diameter:	6	Casing Depth:	153
Well Completion:	04-JUN-01	Well Owner:	Lloyd Schneider
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL282
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000279798**

Database:	Ecology Well Logs	Well Log ID:	358028
Well Tag:	AGN385	Project Tag:	Not Reported
Notice of Intent #:	W157442	Date Received:	13-FEB-03
Diameter:	6	Casing Depth:	142
Well Completion:	10-JUL-02	Well Owner:	Robert Church
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AL283
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000262311**

Database:	Ecology Well Logs	Well Log ID:	337702
Well Tag:	AFT506	Project Tag:	Not Reported
Notice of Intent #:	W129113	Date Received:	17-MAY-02
Diameter:	6	Casing Depth:	135
Well Completion:	12-MAR-01	Well Owner:	Mimi Miller
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AM284 **East** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000050410**

Database:	Ecology Well Logs	Well Log ID:	47250
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	30-JAN-74
Diameter:	6	Casing Depth:	84
Well Completion:	Not Reported	Well Owner:	Geo. Fuller
Well Type:	Water	Driller #:	0286
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AM285 **East** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000049691**

Database:	Ecology Well Logs	Well Log ID:	46439
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W055276	Date Received:	21-JUL-94
Diameter:	6	Casing Depth:	40
Well Completion:	16-JUL-94	Well Owner:	Duncan Merle
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AM286 **East** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000048323**

Database:	Ecology Well Logs	Well Log ID:	44877
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	34
Well Completion:	Not Reported	Well Owner:	C. L. Mckinney
Well Type:	Water	Driller #:	0285
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AM287 **East** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000649768**

Database:	Ecology Well Logs	Well Log ID:	971570
Well Tag:	BIG026	Project Tag:	Not Reported
Notice of Intent #:	WE18664	Date Received:	19-FEB-15
Diameter:	6	Casing Depth:	50.5

Well Completion:	24-JUL-14	Well Owner:	Gary Schneider
Well Type:	Water	Driller #:	1979
Static Level:	1.5	Flow Rate (GPM):	0
Flow Type:	Static Level	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AM288
East
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000349351**

Database:	Ecology Well Logs	Well Log ID:	441385
Well Tag:	ALL278	Project Tag:	Not Reported
Notice of Intent #:	W186841	Date Received:	07-JUN-06
Diameter:	6	Casing Depth:	43
Well Completion:	04-MAY-06	Well Owner:	Carol Reader
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AM289
East
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000051745**

Database:	Ecology Well Logs	Well Log ID:	48749
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	003704	Date Received:	14-SEP-87
Diameter:	6	Casing Depth:	69
Well Completion:	01-SEP-87	Well Owner:	Jim Philbrick
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AN290
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40001281175**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	29N/04W-02B02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19730129
Well Depth:	107	Well Depth Units:	ft
Well Hole Depth:	107	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1973-01-29
Feet below surface:	28	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AN291 **SW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001281174**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	29N/04W-02B01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19660530
Well Depth:	106	Well Depth Units:	ft
Well Hole Depth:	106	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	1	Level reading date:	1966-05-30
Feet below surface:	35	Feet to sea level:	Not Reported
Note:	Not Reported		

	Database	EDR ID Number
AO292 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WA1100000008127**

Database:	Water Wells	PWS ID:	07088
Source #:	01	Source Name:	WELL #1
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	02/08/2002
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	100	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	BESANCON	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	9
Total Population Served:	9	Total Connections:	3
PWS Status:	Active	Residential Connections:	3
DOE Well Tag:	Not Reported	Capacity (GPM):	10
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	U		

	Database	EDR ID Number
AO293 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060672**

Database:	Ecology Well Logs	Well Log ID:	59027
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	106
Well Completion:	13-MAY-74	Well Owner:	Mike Tenneson
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AO294 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060949**

Database:	Ecology Well Logs	Well Log ID:	59365
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	21-OCT-86
Diameter:	6	Casing Depth:	118
Well Completion:	01-OCT-86	Well Owner:	Ramon Guillermo
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO295 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000061154**

Database:	Ecology Well Logs	Well Log ID:	59602
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	13-JUN-79
Diameter:	6	Casing Depth:	110
Well Completion:	29-MAY-79	Well Owner:	Rolf Stahlgaum
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO296 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060855**

Database:	Ecology Well Logs	Well Log ID:	59254
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	14-MAY-84
Diameter:	6	Casing Depth:	104
Well Completion:	18-APR-84	Well Owner:	Paul Thompson
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO297 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060890**

Database:	Ecology Well Logs	Well Log ID:	59290
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	07-JUL-76
Diameter:	6	Casing Depth:	105

Well Completion:	18-MAR-76	Well Owner:	Phill Sanford
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO298
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059662**

Database:	Ecology Well Logs	Well Log ID:	57897
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	06-FEB-74
Diameter:	6	Casing Depth:	118
Well Completion:	14-JAN-74	Well Owner:	George Easterly
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO299
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059487**

Database:	Ecology Well Logs	Well Log ID:	57695
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	115
Well Completion:	02-MAY-74	Well Owner:	Ernie Correia
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO300
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059203**

Database:	Ecology Well Logs	Well Log ID:	57369
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	30-NOV-79
Diameter:	6	Casing Depth:	118
Well Completion:	05-NOV-79	Well Owner:	David Rowland
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AO301 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059536**

Database:	Ecology Well Logs	Well Log ID:	57757
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	049007	Date Received:	Not Reported
Diameter:	6	Casing Depth:	160
Well Completion:	09-JUL-92	Well Owner:	Francis Garceau
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO302 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059620**

Database:	Ecology Well Logs	Well Log ID:	57852
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W038586	Date Received:	11-MAY-94
Diameter:	6	Casing Depth:	98
Well Completion:	28-APR-94	Well Owner:	Gary Gramenl
Well Type:	Water	Driller #:	1911
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO303 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059544**

Database:	Ecology Well Logs	Well Log ID:	57766
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	109
Well Completion:	20-MAR-78	Well Owner:	Frank Dobbs
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO304 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000333039**

Database:	Ecology Well Logs	Well Log ID:	418800
Well Tag:	ALL256	Project Tag:	Not Reported
Notice of Intent #:	W219261	Date Received:	12-OCT-05
Diameter:	6	Casing Depth:	164

Well Completion:	29-SEP-05	Well Owner:	Patricia Dove
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO305
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000344767**

Database:	Ecology Well Logs	Well Log ID:	434655
Well Tag:	ALG755	Project Tag:	Not Reported
Notice of Intent #:	W218224	Date Received:	24-MAR-06
Diameter:	6	Casing Depth:	142
Well Completion:	23-FEB-06	Well Owner:	Doug And Barbara Bolles
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO306
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000771925**

Database:	Ecology Well Logs	Well Log ID:	1654383
Well Tag:	BBS241	Project Tag:	Not Reported
Notice of Intent #:	WE29786	Date Received:	04-DEC-17
Diameter:	6	Casing Depth:	109
Well Completion:	19-NOV-17	Well Owner:	Winopps Excutvation
Well Type:	Water	Driller #:	2252
Static Level:	0	Flow Rate (GPM):	25
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

AO307
North
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000303461**

Database:	Ecology Well Logs	Well Log ID:	384526
Well Tag:	AHL949	Project Tag:	Not Reported
Notice of Intent #:	W173273	Date Received:	23-FEB-04
Diameter:	6	Casing Depth:	139
Well Completion:	20-NOV-03	Well Owner:	Vernon Towery
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AO308 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000061681**

Database:	Ecology Well Logs	Well Log ID:	60197
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	13-JUL-79
Diameter:	6	Casing Depth:	100
Well Completion:	13-JUN-79	Well Owner:	Wilber Pervic
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO309 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000203956**

Database:	Ecology Well Logs	Well Log ID:	252340
Well Tag:	AFB910	Project Tag:	Not Reported
Notice of Intent #:	W097177	Date Received:	09-MAY-00
Diameter:	6	Casing Depth:	104
Well Completion:	17-FEB-00	Well Owner:	Warner Zanvettorll
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AO310 **North** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000228728**

Database:	Ecology Well Logs	Well Log ID:	301145
Well Tag:	AGC512	Project Tag:	Not Reported
Notice of Intent #:	W136157	Date Received:	19-JAN-01
Diameter:	6	Casing Depth:	139
Well Completion:	04-DEC-00	Well Owner:	Todd Yornes
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AI311 **East** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000241044**

Database:	Ecology Well Logs	Well Log ID:	314078
Well Tag:	AGC552	Project Tag:	Not Reported
Notice of Intent #:	W136158	Date Received:	23-FEB-01
Diameter:	6	Casing Depth:	74

Well Completion:	19-JAN-01	Well Owner:	Charles Schmidt
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AI312
East
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000729748**

Database:	Ecology Well Logs	Well Log ID:	1582654
Well Tag:	BJR138	Project Tag:	Not Reported
Notice of Intent #:	WE23924	Date Received:	30-AUG-16
Diameter:	6	Casing Depth:	59
Well Completion:	25-JUL-16	Well Owner:	Shirlee Reinard
Well Type:	Water	Driller #:	3161
Static Level:	0	Flow Rate (GPM):	3
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

AI313
East
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000342968**

Database:	Ecology Well Logs	Well Log ID:	432000
Well Tag:	AKK956	Project Tag:	Not Reported
Notice of Intent #:	W218204	Date Received:	28-FEB-06
Diameter:	6	Casing Depth:	98
Well Completion:	23-DEC-05	Well Owner:	Tony Romasants
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AI314
East
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000301483**

Database:	Ecology Well Logs	Well Log ID:	382452
Well Tag:	AGQ681	Project Tag:	Not Reported
Notice of Intent #:	W159335	Date Received:	14-JAN-04
Diameter:	6	Casing Depth:	61
Well Completion:	29-NOV-03	Well Owner:	Robert Wells
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
315 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000463338**

Database:	Ecology Well Logs	Well Log ID:	605662
Well Tag:	BBN257	Project Tag:	Not Reported
Notice of Intent #:	W270432	Date Received:	28-SEP-09
Diameter:	6	Casing Depth:	32
Well Completion:	12-AUG-09	Well Owner:	Diane Hood
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AP316 **South** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000054855**

Database:	Ecology Well Logs	Well Log ID:	52309
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	047745	Date Received:	11-MAY-92
Diameter:	6	Casing Depth:	42
Well Completion:	27-APR-92	Well Owner:	Rodgers Clyde
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AP317 **South** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000809209**

Database:	Ecology Well Logs	Well Log ID:	1642061
Well Tag:	BIG067	Project Tag:	Not Reported
Notice of Intent #:	WE25565	Date Received:	13-SEP-17
Diameter:	6	Casing Depth:	40
Well Completion:	27-SEP-16	Well Owner:	Barbara Light
Well Type:	Water	Driller #:	1979
Static Level:	0	Flow Rate (GPM):	15
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

AM318 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001281620**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31E01	Type:	Well
Description:	Not Reported	HUC:	17110020

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740130
Well Depth:	84	Well Depth Units:	ft
Well Hole Depth:	84	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1974-01-30
Feet below surface:	1	Feet to sea level:	Not Reported
Note:	Not Reported		

AM319
East
1/2 - 1 Mile
Higher

FED USGS **USGS40001281621**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31E02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740901
Well Depth:	34	Well Depth Units:	ft
Well Hole Depth:	34	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1974-09-01
Feet below surface:	10	Feet to sea level:	Not Reported
Note:	Not Reported		

AO320
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001282125**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25M05	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19780320
Well Depth:	109	Well Depth Units:	ft
Well Hole Depth:	109	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1978-03-20
Feet below surface:	71	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AO321 **North** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001282124**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25M04	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19760318
Well Depth:	105	Well Depth Units:	ft
Well Hole Depth:	105	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1976-03-18
Feet below surface:	69	Feet to sea level:	Not Reported
Note:	Not Reported		

	Database	EDR ID Number
AO322 **North** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001282126**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25M06	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19790613
Well Depth:	99.3	Well Depth Units:	ft
Well Hole Depth:	100	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1979-06-13
Feet below surface:	66	Feet to sea level:	Not Reported
Note:	Not Reported		

	Database	EDR ID Number
AO323 **North** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001282128**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25M08	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19810507
Well Depth:	177	Well Depth Units:	ft
Well Hole Depth:	180	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1981-05-07
Feet below surface:	72	Feet to sea level:	Not Reported
Note:	Not Reported		

AO324
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001282127**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25M07	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19791105
Well Depth:	117	Well Depth Units:	ft
Well Hole Depth:	118	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1979-11-05
Feet below surface:	67	Feet to sea level:	Not Reported
Note:	Not Reported		

325
SE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000287973**

Database:	Ecology Well Logs	Well Log ID:	368180
Well Tag:	AHL455	Project Tag:	Not Reported
Notice of Intent #:	W165693	Date Received:	23-JUL-03
Diameter:	6	Casing Depth:	444
Well Completion:	25-JUN-03	Well Owner:	Henry Strembicke
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AQ326
NW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000203952**

Database:	Ecology Well Logs	Well Log ID:	252336
Well Tag:	AFB941	Project Tag:	Not Reported
Notice of Intent #:	W097178	Date Received:	09-MAY-00
Diameter:	0	Casing Depth:	85
Well Completion:	21-FEB-00	Well Owner:	Norma Hazel
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AQ327 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000061695**

Database:	Ecology Well Logs	Well Log ID:	60212
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	61
Well Completion:	Not Reported	Well Owner:	William & Maxine George
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AQ328 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000228778**

Database:	Ecology Well Logs	Well Log ID:	301200
Well Tag:	AFK192	Project Tag:	Not Reported
Notice of Intent #:	R046091	Date Received:	02-FEB-01
Diameter:	0	Casing Depth:	20
Well Completion:	30-MAR-00	Well Owner:	North Olympic Land Trust
Well Type:	Resource Protection	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AQ329 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000238540**

Database:	Ecology Well Logs	Well Log ID:	311397
Well Tag:	AFK194	Project Tag:	Not Reported
Notice of Intent #:	R046095	Date Received:	02-FEB-01
Diameter:	1	Casing Depth:	15
Well Completion:	29-MAR-00	Well Owner:	North Olympic Land Trust
Well Type:	Resource Protection	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AQ330 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000238539**

Database:	Ecology Well Logs	Well Log ID:	311396
Well Tag:	AKK193	Project Tag:	Not Reported
Notice of Intent #:	R046095	Date Received:	02-FEB-01
Diameter:	1	Casing Depth:	15

Well Completion:	29-MAR-00	Well Owner:	North Olympic Land Trust
Well Type:	Resource Protection	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AQ331
NW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000058890**

Database:	Ecology Well Logs	Well Log ID:	56997
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	17-NOV-80
Diameter:	6	Casing Depth:	78
Well Completion:	23-OCT-80	Well Owner:	C M. Drury
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AQ332
NW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000058778**

Database:	Ecology Well Logs	Well Log ID:	56868
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W061501	Date Received:	17-JAN-96
Diameter:	6	Casing Depth:	72
Well Completion:	11-SEP-95	Well Owner:	Bob Hazel
Well Type:	Water	Driller #:	2001
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AQ333
NW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000060727**

Database:	Ecology Well Logs	Well Log ID:	59098
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	17-NOV-80
Diameter:	6	Casing Depth:	78
Well Completion:	30-OCT-80	Well Owner:	Mrs. Louise Cravan
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AQ334 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000061001**

Database:	Ecology Well Logs	Well Log ID:	59426
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W034076	Date Received:	23-MAY-94
Diameter:	6	Casing Depth:	122
Well Completion:	21-APR-94	Well Owner:	Reed Jim
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

	Database	EDR ID Number
AQ335 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000060810**

Database:	Ecology Well Logs	Well Log ID:	59203
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	W055350	Date Received:	20-MAR-96
Diameter:	6	Casing Depth:	46
Well Completion:	15-FEB-96	Well Owner:	Parrish Charles
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

	Database	EDR ID Number
AQ336 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000349172**

Database:	Ecology Well Logs	Well Log ID:	441136
Well Tag:	ALL283	Project Tag:	Not Reported
Notice of Intent #:	W219283	Date Received:	04-MAY-06
Diameter:	6	Casing Depth:	140
Well Completion:	14-APR-06	Well Owner:	Don Hudson
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

	Database	EDR ID Number
AQ337 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000340811**

Database:	Ecology Well Logs	Well Log ID:	429038
Well Tag:	ALL268	Project Tag:	Not Reported
Notice of Intent #:	W219272	Date Received:	13-JAN-06
Diameter:	6	Casing Depth:	183

Well Completion:	25-NOV-05	Well Owner:	Jon Gray
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AQ338
NW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000609500**

Database:	Ecology Well Logs	Well Log ID:	894561
Well Tag:	BHH070	Project Tag:	Not Reported
Notice of Intent #:	W312958	Date Received:	04-SEP-13
Diameter:	6	Casing Depth:	127
Well Completion:	11-OCT-12	Well Owner:	Charles Parrish
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AQ339
NW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000441526**

Database:	Ecology Well Logs	Well Log ID:	571751
Well Tag:	AFB941	Project Tag:	Not Reported
Notice of Intent #:	W270414	Date Received:	23-FEB-09
Diameter:	6	Casing Depth:	141
Well Completion:	14-JAN-09	Well Owner:	Lew Polizzi
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AQ340
NW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000238635**

Database:	Ecology Well Logs	Well Log ID:	311501
Well Tag:	AFK196	Project Tag:	Not Reported
Notice of Intent #:	R046096	Date Received:	02-FEB-01
Diameter:	0	Casing Depth:	15
Well Completion:	28-MAR-00	Well Owner:	Babette Engle
Well Type:	Resource Protection	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AQ341 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000238634**

Database:	Ecology Well Logs	Well Log ID:	311500
Well Tag:	AFK195	Project Tag:	Not Reported
Notice of Intent #:	R046092	Date Received:	02-FEB-01
Diameter:	1	Casing Depth:	15
Well Completion:	28-MAR-00	Well Owner:	Babette Engle
Well Type:	Resource Protection	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

	Database	EDR ID Number
AQ342 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000281709**

Database:	Ecology Well Logs	Well Log ID:	360623
Well Tag:	AGQ650	Project Tag:	Not Reported
Notice of Intent #:	W159394	Date Received:	28-APR-03
Diameter:	6	Casing Depth:	84
Well Completion:	11-APR-03	Well Owner:	John Fechter
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

	Database	EDR ID Number
AQ343 **NW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000238636**

Database:	Ecology Well Logs	Well Log ID:	311502
Well Tag:	AFK197	Project Tag:	Not Reported
Notice of Intent #:	R046096	Date Received:	02-FEB-01
Diameter:	0	Casing Depth:	15
Well Completion:	28-MAR-00	Well Owner:	Babette Engle
Well Type:	Resource Protection	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

	Database	EDR ID Number
344 **WSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WA1100000003306**

Database:	Water Wells	PWS ID:	02710
Source #:	01	Source Name:	WELL
Source Status:	Inactive	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	09/28/1993

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Source Inactive:	06/30/2004	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	98	Source Susceptibility:	Not Reported
System Name:	WALDO ROAD	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	8
Total Population Served:	8	Total Connections:	3
PWS Status:	Inactive	Residential Connections:	3
DOE Well Tag:	Not Reported	Capacity (GPM):	30
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	U		

AR345
West
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000060447**

Database:	Ecology Well Logs	Well Log ID:	58770
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	93
Well Completion:	Not Reported	Well Owner:	Lester Allen
Well Type:	Water	Driller #:	0779
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AR346
West
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000061151**

Database:	Ecology Well Logs	Well Log ID:	59598
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	29-JUN-83
Diameter:	6	Casing Depth:	38
Well Completion:	08-NOV-82	Well Owner:	Roh Smith
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AR347
West
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000059942**

Database:	Ecology Well Logs	Well Log ID:	58214
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	01-JUN-83
Diameter:	6	Casing Depth:	40
Well Completion:	09-MAY-83	Well Owner:	James Benham
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AR348 **West** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000060044**

Database:	Ecology Well Logs	Well Log ID:	58328
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	18-NOV-77
Diameter:	6	Casing Depth:	27
Well Completion:	02-NOV-77	Well Owner:	Jim Benham
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AR349 **West** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000302444**

Database:	Ecology Well Logs	Well Log ID:	383488
Well Tag:	AKS902	Project Tag:	Not Reported
Notice of Intent #:	W165572	Date Received:	13-JAN-04
Diameter:	6	Casing Depth:	72
Well Completion:	01-DEC-03	Well Owner:	Erick Priest
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AR350 **West** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000503480**

Database:	Ecology Well Logs	Well Log ID:	685756
Well Tag:	ALK657	Project Tag:	Not Reported
Notice of Intent #:	W265861	Date Received:	09-NOV-10
Diameter:	6	Casing Depth:	80
Well Completion:	21-OCT-10	Well Owner:	Paul Kneuer
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AR351 **West** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000543566**

Database:	Ecology Well Logs	Well Log ID:	763168
Well Tag:	ALK369	Project Tag:	Not Reported
Notice of Intent #:	W270130	Date Received:	01-NOV-11
Diameter:	6	Casing Depth:	217

Well Completion:	01-SEP-11	Well Owner:	Gary Livingston
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AR352
West
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000061177**

Database:	Ecology Well Logs	Well Log ID:	59630
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	47
Well Completion:	01-DEC-78	Well Owner:	Ron Smith
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AR353
West
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000061820**

Database:	Ecology Well Logs	Well Log ID:	60379
Well Tag:	ABB813	Project Tag:	Not Reported
Notice of Intent #:	W040863	Date Received:	26-JAN-95
Diameter:	6	Casing Depth:	208
Well Completion:	15-NOV-94	Well Owner:	James Benham
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AR354
West
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000263983**

Database:	Ecology Well Logs	Well Log ID:	339505
Well Tag:	AGN359	Project Tag:	Not Reported
Notice of Intent #:	W157520	Date Received:	07-JUN-02
Diameter:	6	Casing Depth:	191
Well Completion:	05-FEB-02	Well Owner:	Tharin And Sheri Huisman
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AS355 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000062206**

Database:	Ecology Well Logs	Well Log ID:	60809
Well Tag:	AEJ793	Project Tag:	Not Reported
Notice of Intent #:	W106609	Date Received:	01-MAR-99
Diameter:	6	Casing Depth:	150
Well Completion:	05-FEB-99	Well Owner:	Doug Calhoun
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AS356 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000309097**

Database:	Ecology Well Logs	Well Log ID:	390970
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	A042689	Date Received:	04-NOV-04
Diameter:	6	Casing Depth:	50
Well Completion:	13-OCT-04	Well Owner:	Ronald Skipwith
Well Type:	Decommisioning	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AS357 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000061993**

Database:	Ecology Well Logs	Well Log ID:	60583
Well Tag:	ACR057	Project Tag:	Not Reported
Notice of Intent #:	W072565	Date Received:	10-SEP-97
Diameter:	6	Casing Depth:	52
Well Completion:	10-JUN-97	Well Owner:	Denis Taylor
Well Type:	Water	Driller #:	2001
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AS358 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059124**

Database:	Ecology Well Logs	Well Log ID:	57279
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	055547	Date Received:	Not Reported
Diameter:	6	Casing Depth:	67

Well Completion:	Not Reported	Well Owner:	Dan Dickson
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AS359
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059864**

Database:	Ecology Well Logs	Well Log ID:	58123
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	012541	Date Received:	19-JUL-88
Diameter:	6	Casing Depth:	59
Well Completion:	27-JUN-88	Well Owner:	I R U. Tailur
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AS360
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000559143**

Database:	Ecology Well Logs	Well Log ID:	793566
Well Tag:	BAJ831	Project Tag:	Not Reported
Notice of Intent #:	W300412	Date Received:	26-MAR-12
Diameter:	6	Casing Depth:	61
Well Completion:	21-MAR-12	Well Owner:	Juan Perez
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AS361
West
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000717163**

Database:	Ecology Well Logs	Well Log ID:	1561376
Well Tag:	BJR121	Project Tag:	Not Reported
Notice of Intent #:	WE23436	Date Received:	02-MAY-16
Diameter:	6	Casing Depth:	62
Well Completion:	18-MAR-16	Well Owner:	Julia Grinnell
Well Type:	Water	Driller #:	3161
Static Level:	0	Flow Rate (GPM):	30
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AS362 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000515685**

Database:	Ecology Well Logs	Well Log ID:	709266
Well Tag:	BNN295	Project Tag:	Not Reported
Notice of Intent #:	W224450	Date Received:	02-MAR-11
Diameter:	6	Casing Depth:	58
Well Completion:	26-OCT-10	Well Owner:	Don Sparks
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AS363 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000326433**

Database:	Ecology Well Logs	Well Log ID:	410298
Well Tag:	AKA756	Project Tag:	Not Reported
Notice of Intent #:	W186821	Date Received:	26-MAY-05
Diameter:	6	Casing Depth:	223
Well Completion:	24-MAY-05	Well Owner:	Jason Huffman
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AS364 **West** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000397501**

Database:	Ecology Well Logs	Well Log ID:	510076
Well Tag:	APQ240	Project Tag:	Not Reported
Notice of Intent #:	W224431	Date Received:	13-DEC-07
Diameter:	6	Casing Depth:	99
Well Completion:	10-MAY-07	Well Owner:	Dennis Taylor
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AR365 **West** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001281461**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35L01	Type:	Well
Description:	Not Reported	HUC:	17110020

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770523
Well Depth:	93	Well Depth Units:	ft
Well Hole Depth:	93	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-05-23
Feet below surface:	85	Feet to sea level:	Not Reported
Note:	Not Reported		

AR366
West
1/2 - 1 Mile
Higher

FED USGS **USGS40001281462**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35L03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19781201
Well Depth:	47	Well Depth Units:	ft
Well Hole Depth:	47	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1978-12-01
Feet below surface:	25	Feet to sea level:	Not Reported
Note:	Not Reported		

AT367
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40001281349**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31N01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19900419
Well Depth:	200	Well Depth Units:	ft
Well Hole Depth:	224	Well Hole Depth Units:	ft

AU368
SE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000201054**

Database:	Ecology Well Logs	Well Log ID:	249123
Well Tag:	AFA459	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	22-DEC-99
Diameter:	6	Casing Depth:	224

Well Completion:	27-NOV-99	Well Owner:	Johnson Dan
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AU369
SE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000207402**

Database:	Ecology Well Logs	Well Log ID:	256353
Well Tag:	AFG740	Project Tag:	Not Reported
Notice of Intent #:	W125373	Date Received:	25-SEP-00
Diameter:	6	Casing Depth:	264
Well Completion:	09-AUG-00	Well Owner:	Meehan, John J. Jr.
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AU370
SE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000058465**

Database:	Ecology Well Logs	Well Log ID:	56497
Well Tag:	AEJ762	Project Tag:	Not Reported
Notice of Intent #:	W101190	Date Received:	23-OCT-98
Diameter:	6	Casing Depth:	360
Well Completion:	09-OCT-98	Well Owner:	Allen Crandall
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AU371
SE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000047845**

Database:	Ecology Well Logs	Well Log ID:	44363
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	072201	Date Received:	11-OCT-96
Diameter:	6	Casing Depth:	304
Well Completion:	22-JUL-96	Well Owner:	Bill Bailey
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AU372 **SE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000058464**

Database:	Ecology Well Logs	Well Log ID:	56496
Well Tag:	AEJ761	Project Tag:	Not Reported
Notice of Intent #:	101190	Date Received:	05-NOV-98
Diameter:	6	Casing Depth:	360
Well Completion:	09-OCT-98	Well Owner:	Allen Crandall
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AV373
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001282153**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25M02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740513
Well Depth:	107	Well Depth Units:	ft
Well Hole Depth:	107	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1974-05-13
Feet below surface:	76	Feet to sea level:	Not Reported
Note:	Not Reported		

AV374
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001282154**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25M03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740502
Well Depth:	115	Well Depth Units:	ft
Well Hole Depth:	115	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1974-05-18
Feet below surface:	72	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
375 **WNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001281808**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35C02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19760526
Well Depth:	48.4	Well Depth Units:	ft
Well Hole Depth:	48.4	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1976-05-26
Feet below surface:	12	Feet to sea level:	Not Reported
Note:	Not Reported		

	Database	EDR ID Number
AV376 **NNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001282155**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-26J02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19801021
Well Depth:	100	Well Depth Units:	ft
Well Hole Depth:	100	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1980-10-21
Feet below surface:	62	Feet to sea level:	Not Reported
Note:	Not Reported		

	Database	EDR ID Number
AW377 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000241047**

Database:	Ecology Well Logs	Well Log ID:	314081
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	A044267	Date Received:	23-FEB-01
Diameter:	6	Casing Depth:	200
Well Completion:	08-NOV-00	Well Owner:	Jean Mulhair
Well Type:	Decommisioning	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AW378 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000238439**

Database:	Ecology Well Logs	Well Log ID:	311294
Well Tag:	AGC506	Project Tag:	Not Reported
Notice of Intent #:	W129134	Date Received:	01-DEC-00
Diameter:	6	Casing Depth:	200
Well Completion:	03-NOV-00	Well Owner:	Jean Mulhair
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AW379 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000803744**

Database:	Ecology Well Logs	Well Log ID:	1642086
Well Tag:	BIG060	Project Tag:	Not Reported
Notice of Intent #:	WE24197	Date Received:	13-SEP-17
Diameter:	6	Casing Depth:	35
Well Completion:	20-JUN-16	Well Owner:	Tom Helbig
Well Type:	Water	Driller #:	1979
Static Level:	0	Flow Rate (GPM):	40
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

AW380 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000328166**

Database:	Ecology Well Logs	Well Log ID:	412454
Well Tag:	AKK923	Project Tag:	Not Reported
Notice of Intent #:	W182750	Date Received:	18-JUL-05
Diameter:	6	Casing Depth:	197
Well Completion:	06-JUL-05	Well Owner:	Douglas Hawes
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AW381 **SSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000049322**

Database:	Ecology Well Logs	Well Log ID:	46023
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	064546	Date Received:	Not Reported
Diameter:	0	Casing Depth:	181

Well Completion:	21-AUG-90	Well Owner:	Desmond Pechman
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AW382
SSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000048910**

Database:	Ecology Well Logs	Well Log ID:	45566
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	06-JUL-77
Diameter:	6	Casing Depth:	25
Well Completion:	15-JUN-77	Well Owner:	Dale Sugita
Well Type:	Water	Driller #:	0779
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AW383
SSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000057253**

Database:	Ecology Well Logs	Well Log ID:	55179
Well Tag:	ABQ727	Project Tag:	Not Reported
Notice of Intent #:	W045975	Date Received:	05-JAN-96
Diameter:	6	Casing Depth:	45
Well Completion:	27-DEC-95	Well Owner:	Michele Arceneaux
Well Type:	Water	Driller #:	1688
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AW384
SSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000052494**

Database:	Ecology Well Logs	Well Log ID:	49580
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	005605	Date Received:	09-NOV-87
Diameter:	6	Casing Depth:	36
Well Completion:	12-OCT-87	Well Owner:	L. T. D. Assoc.
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AX385 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000052235**

Database:	Ecology Well Logs	Well Log ID:	49282
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	25-JUL-74
Diameter:	6	Casing Depth:	41
Well Completion:	14-JUN-74	Well Owner:	Julius Coccia
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AX386 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000050457**

Database:	Ecology Well Logs	Well Log ID:	47304
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	055548	Date Received:	25-OCT-94
Diameter:	6	Casing Depth:	73
Well Completion:	07-SEP-94	Well Owner:	George Gurr
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AX387 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000047955**

Database:	Ecology Well Logs	Well Log ID:	44475
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	20-MAY-81
Diameter:	6	Casing Depth:	29
Well Completion:	30-JAN-81	Well Owner:	Bill Tomietti
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AX388 **ENE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000055148**

Database:	Ecology Well Logs	Well Log ID:	52640
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	070689	Date Received:	11-OCT-98
Diameter:	6	Casing Depth:	59

Well Completion:	27-JUL-96	Well Owner:	Sawby Construction
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AX389
ENE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000352115**

Database:	Ecology Well Logs	Well Log ID:	445669
Well Tag:	AKK985	Project Tag:	Not Reported
Notice of Intent #:	W218243	Date Received:	17-JUL-06
Diameter:	6	Casing Depth:	72
Well Completion:	19-JUN-06	Well Owner:	Gary Haley
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AX390
ENE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000227853**

Database:	Ecology Well Logs	Well Log ID:	297243
Well Tag:	ABB431	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	44
Well Completion:	Not Reported	Well Owner:	Ron Carter
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AX391
ENE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000056351**

Database:	Ecology Well Logs	Well Log ID:	54024
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	25-JUL-74
Diameter:	6	Casing Depth:	51
Well Completion:	12-JUN-74	Well Owner:	William Pinson
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AY392 **NNE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059956**

Database:	Ecology Well Logs	Well Log ID:	58229
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	18-OCT-79
Diameter:	6	Casing Depth:	101
Well Completion:	21-SEP-79	Well Owner:	James Pierce
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AY393 **NNE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000203955**

Database:	Ecology Well Logs	Well Log ID:	252339
Well Tag:	AFB901	Project Tag:	Not Reported
Notice of Intent #:	W097193	Date Received:	09-MAY-00
Diameter:	6	Casing Depth:	137
Well Completion:	10-APR-00	Well Owner:	Wally Avery
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AY394 **NNE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059670**

Database:	Ecology Well Logs	Well Log ID:	57905
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	035737	Date Received:	Not Reported
Diameter:	6	Casing Depth:	60
Well Completion:	26-OCT-89	Well Owner:	George Luke
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AY395 **NNE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059410**

Database:	Ecology Well Logs	Well Log ID:	57602
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	10-MAY-84
Diameter:	6	Casing Depth:	114

Well Completion:	04-APR-84	Well Owner:	Ed Hatherley
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AY396
NNE
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059596**

Database:	Ecology Well Logs	Well Log ID:	57823
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	0	Casing Depth:	110
Well Completion:	06-NOV-71	Well Owner:	G. Henrickson
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AY397
NNE
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000262234**

Database:	Ecology Well Logs	Well Log ID:	337625
Well Tag:	AFG840	Project Tag:	Not Reported
Notice of Intent #:	W136167	Date Received:	17-MAY-02
Diameter:	6	Casing Depth:	130
Well Completion:	24-JAN-01	Well Owner:	Gary Schmatjen
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AY398
NNE
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000774367**

Database:	Ecology Well Logs	Well Log ID:	1650603
Well Tag:	BKJ798	Project Tag:	Not Reported
Notice of Intent #:	WE28988	Date Received:	11-DEC-17
Diameter:	6	Casing Depth:	160
Well Completion:	27-OCT-17	Well Owner:	Matt Gammel
Well Type:	Water	Driller #:	2162
Static Level:	0	Flow Rate (GPM):	5
Flow Type:	Static Level	PSI:	0
Well Test:	Bailer Test	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AY399 **NNE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000283686**

Database:	Ecology Well Logs	Well Log ID:	363164
Well Tag:	AHR394	Project Tag:	Not Reported
Notice of Intent #:	W166208	Date Received:	09-JUN-03
Diameter:	6	Casing Depth:	289
Well Completion:	18-MAY-03	Well Owner:	Paul Roberts
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AY400 **NNE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000283557**

Database:	Ecology Well Logs	Well Log ID:	363002
Well Tag:	AHM324	Project Tag:	Not Reported
Notice of Intent #:	W135485	Date Received:	02-JUN-03
Diameter:	6	Casing Depth:	136
Well Completion:	29-APR-03	Well Owner:	Chris Moon
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AY401 **NNE** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WA1100000005851**

Database:	Water Wells	PWS ID:	00999
Source #:	01	Source Name:	WELL #1 NO TAG
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	11/18/1991
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	185	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	BADGER	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	21
Total Population Served:	21	Total Connections:	7
PWS Status:	Active	Residential Connections:	7
DOE Well Tag:	Not Reported	Capacity (GPM):	10
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	U		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AX402 **ENE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001281740**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31D01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740612
Well Depth:	51	Well Depth Units:	ft
Well Hole Depth:	51	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1974-06-12
Feet below surface:	2	Feet to sea level:	Not Reported
Note:	Not Reported		

	Database	EDR ID Number
AY403 **NNE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001282122**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25K01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19790921
Well Depth:	100	Well Depth Units:	ft
Well Hole Depth:	100	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1979-09-21
Feet below surface:	70	Feet to sea level:	Not Reported
Note:	Not Reported		

	Database	EDR ID Number
AY404 **NNE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001282123**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25K02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19711106
Well Depth:	110	Well Depth Units:	ft
Well Hole Depth:	110	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels,Number of Measurements:	1	Level reading date:	1971-11-06
Feet below surface:	73	Feet to sea level:	Not Reported
Note:	Not Reported		

AZ405
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000815997**

Database:	Ecology Well Logs	Well Log ID:	1639923
Well Tag:	BJR179	Project Tag:	Not Reported
Notice of Intent #:	WE27658	Date Received:	08-AUG-17
Diameter:	6	Casing Depth:	238
Well Completion:	Not Reported	Well Owner:	Dungeness Meadows Homeowners
Well Type:	Water	Driller #:	3161
Static Level:	0	Flow Rate (GPM):	200
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

AZ406
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000061462**

Database:	Ecology Well Logs	Well Log ID:	59948
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	17-NOV-80
Diameter:	6	Casing Depth:	100
Well Completion:	21-OCT-80	Well Owner:	Three Crab'S
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AZ407
NNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000455847**

Database:	Ecology Well Logs	Well Log ID:	591634
Well Tag:	BAJ385	Project Tag:	Not Reported
Notice of Intent #:	W265882	Date Received:	29-JUN-09
Diameter:	6	Casing Depth:	160
Well Completion:	08-MAY-09	Well Owner:	Richard Coler
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number

AT408
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000306148**

Database:	Ecology Well Logs	Well Log ID:	387346
Well Tag:	AKS969	Project Tag:	Not Reported
Notice of Intent #:	W178328	Date Received:	01-JUL-04
Diameter:	6	Casing Depth:	79
Well Completion:	22-JUN-04	Well Owner:	Daryl Upton
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT409
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000314671**

Database:	Ecology Well Logs	Well Log ID:	397278
Well Tag:	AHL521	Project Tag:	Not Reported
Notice of Intent #:	W182676	Date Received:	13-JAN-05
Diameter:	6	Casing Depth:	182
Well Completion:	28-OCT-04	Well Owner:	John Baczuk
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT410
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000747070**

Database:	Ecology Well Logs	Well Log ID:	1603155
Well Tag:	BBS118	Project Tag:	Not Reported
Notice of Intent #:	WE25763	Date Received:	27-DEC-16
Diameter:	6	Casing Depth:	65
Well Completion:	01-DEC-16	Well Owner:	Shirley Reinard
Well Type:	Water	Driller #:	2252
Static Level:	0	Flow Rate (GPM):	10
Flow Type:	Static Level	PSI:	0
Well Test:	Air Test	Water Reclamation #:	18

AT411
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000055775**

Database:	Ecology Well Logs	Well Log ID:	53372
Well Tag:	AKP034	Project Tag:	Not Reported
Notice of Intent #:	W070698	Date Received:	26-FEB-97
Diameter:	6	Casing Depth:	120

Well Completion:	30-SEP-96	Well Owner:	Tom Finnerty Logging
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT412
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000055774**

Database:	Ecology Well Logs	Well Log ID:	53371
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	070684	Date Received:	11-OCT-96
Diameter:	6	Casing Depth:	114
Well Completion:	16-JUL-96	Well Owner:	Tom Finnerty Logging
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT413
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000055773**

Database:	Ecology Well Logs	Well Log ID:	53370
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	064037	Date Received:	Not Reported
Diameter:	6	Casing Depth:	71
Well Completion:	11-JAN-91	Well Owner:	Tom Finnerty
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT414
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000306147**

Database:	Ecology Well Logs	Well Log ID:	387344
Well Tag:	AKS968	Project Tag:	Not Reported
Notice of Intent #:	W178327	Date Received:	01-JUL-04
Diameter:	6	Casing Depth:	63
Well Completion:	21-JUN-04	Well Owner:	Daryl Upton
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AT415 **ESE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000298953**

Database:	Ecology Well Logs	Well Log ID:	379717
Well Tag:	AKS924	Project Tag:	Not Reported
Notice of Intent #:	W178283	Date Received:	01-MAR-04
Diameter:	6	Casing Depth:	75
Well Completion:	16-FEB-04	Well Owner:	Tom Finnerty
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT416 **ESE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000055776**

Database:	Ecology Well Logs	Well Log ID:	53373
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	070706	Date Received:	27-FEB-97
Diameter:	6	Casing Depth:	60
Well Completion:	01-OCT-96	Well Owner:	Tom Finnerty Logging
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT417 **ESE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000055756**

Database:	Ecology Well Logs	Well Log ID:	53353
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	055281	Date Received:	18-AUG-94
Diameter:	6	Casing Depth:	70
Well Completion:	04-AUG-94	Well Owner:	Tom Colvin
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT418 **ESE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000050341**

Database:	Ecology Well Logs	Well Log ID:	47169
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	055226	Date Received:	24-MAY-95
Diameter:	6	Casing Depth:	87

Well Completion:	31-JAN-95	Well Owner:	Gary Priest Excavating
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT419
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000047529**

Database:	Ecology Well Logs	Well Log ID:	43985
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	061196	Date Received:	Not Reported
Diameter:	6	Casing Depth:	200
Well Completion:	22-APR-90	Well Owner:	Andreea Finnigan
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT420
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000055772**

Database:	Ecology Well Logs	Well Log ID:	53369
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	064009	Date Received:	16-JAN-91
Diameter:	6	Casing Depth:	60
Well Completion:	11-JAN-91	Well Owner:	Tom Finnerty
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT421
ESE
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000055771**

Database:	Ecology Well Logs	Well Log ID:	53368
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	064035	Date Received:	Not Reported
Diameter:	6	Casing Depth:	570
Well Completion:	10-JAN-91	Well Owner:	Tom Finnerty
Well Type:	Water	Driller #:	0868
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AT422 **ESE** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000055770**

Database:	Ecology Well Logs	Well Log ID:	53367
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	065236	Date Received:	Not Reported
Diameter:	6	Casing Depth:	380
Well Completion:	06-JUN-91	Well Owner:	Tom Finnerty
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

AT423
ESE
1/2 - 1 Mile
Higher

WA WELLS **WA1100000000194**

Database:	Water Wells	PWS ID:	00466
Source #:	01	Source Name:	WELL #1
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	06/19/1996
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	71	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	B2	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	2
Total Population Served:	2	Total Connections:	2
PWS Status:	Active	Residential Connections:	2
DOE Well Tag:	Not Reported	Capacity (GPM):	9
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	U		

AT424
ESE
1/2 - 1 Mile
Higher

WA WELLS **WA1100000028541**

Database:	Water Wells	PWS ID:	AA147
Source #:	01	Source Name:	WELL #1
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	10/16/2002
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness
Well Depth:	504	Source Susceptibility:	High Susceptibility to Contaminants
System Name:	SOUTH HAVEN HEIGHTS	Public Water System Group:	B
System Type:	Group B Water System	Full Time Res Pop:	1
Total Population Served:	1	Total Connections:	1
PWS Status:	Active	Residential Connections:	1
DOE Well Tag:	Not Reported	Capacity (GPM):	6
Influenced by Droughts:	Not Reported	Influenced by Flooding:	Not Reported
Influenced by Surface Water:	N		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

425
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001282826**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-26J01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19690305
Well Depth:	230	Well Depth Units:	ft
Well Hole Depth:	230	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1969-10-23
Feet below surface:	63	Feet to sea level:	Not Reported
Note:	Not Reported		

426
North
1/2 - 1 Mile
Lower

FED USGS **USGS40001282190**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25L10	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19920713
Well Depth:	125	Well Depth Units:	ft
Well Hole Depth:	126	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	3	Level reading date:	1996-03-14
Feet below surface:	77.14	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-08-11	Feet below surface:	72.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-07-28	Feet below surface:	72
Feet to sea level:	Not Reported	Note:	Not Reported

BA427
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40001281252**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35P05	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19750926
Well Depth:	86	Well Depth Units:	ft
Well Hole Depth:	90	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1975-09-26
Feet below surface:	64	Feet to sea level:	Not Reported
Note:	Not Reported		

BA428
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40001281376**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35P02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19721025
Well Depth:	95	Well Depth Units:	ft
Well Hole Depth:	95	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1972-10-25
Feet below surface:	68	Feet to sea level:	Not Reported
Note:	Not Reported		

BB429
WSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000623754**

Database:	Ecology Well Logs	Well Log ID:	921724
Well Tag:	BHR147	Project Tag:	Not Reported
Notice of Intent #:	WE18026	Date Received:	03-JUN-14
Diameter:	6	Casing Depth:	248
Well Completion:	25-APR-14	Well Owner:	Tim Matzkiw
Well Type:	Water	Driller #:	2374
Static Level:	148	Flow Rate (GPM):	5
Flow Type:	Static Level	PSI:	0
Well Test:	Bailer Test	Water Reclamation #:	18

BB430
WSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000504630**

Database:	Ecology Well Logs	Well Log ID:	688069
Well Tag:	ALK653	Project Tag:	Not Reported
Notice of Intent #:	W270097	Date Received:	19-NOV-10
Diameter:	6	Casing Depth:	203
Well Completion:	05-OCT-10	Well Owner:	Gillogly Enterprises
Well Type:	Water	Driller #:	Not Reported

Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

BB431
WSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000059358**

Database:	Ecology Well Logs	Well Log ID:	57543
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	15-JAN-88
Diameter:	6	Casing Depth:	38
Well Completion:	06-JAN-88	Well Owner:	Douglas Wessel
Well Type:	Water	Driller #:	0779
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

BB432
WSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000060947**

Database:	Ecology Well Logs	Well Log ID:	59363
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	242
Well Completion:	22-SEP-77	Well Owner:	Ralph Stiratt
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

BB433
WSW
1/2 - 1 Mile
Higher

WA WELLS **WALOG1000058858**

Database:	Ecology Well Logs	Well Log ID:	56960
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	83
Well Completion:	17-APR-93	Well Owner:	Bruce Cramer
Well Type:	Water	Driller #:	1073
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
BB434 **WSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000239901**

Database:	Ecology Well Logs	Well Log ID:	312885
Well Tag:	AFT524	Project Tag:	Not Reported
Notice of Intent #:	W135265	Date Received:	02-OCT-01
Diameter:	6	Casing Depth:	80
Well Completion:	29-MAY-01	Well Owner:	Steve Heath
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

BB435 **WSW** **1/2 - 1 Mile** **Higher**	**WA WELLS**	**WALOG1000058796**

Database:	Ecology Well Logs	Well Log ID:	56887
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	16-JUL-76
Diameter:	6	Casing Depth:	135
Well Completion:	21-JUN-76	Well Owner:	Bob Norris
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

BC436 **WNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059420**

Database:	Ecology Well Logs	Well Log ID:	57614
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	28-FEB-80
Diameter:	6	Casing Depth:	58
Well Completion:	05-MAR-79	Well Owner:	Ed Papierski
Well Type:	Water	Driller #:	0524
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

BC437 **WNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059382**

Database:	Ecology Well Logs	Well Log ID:	57572
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	22-JUN-76
Diameter:	6	Casing Depth:	48

Well Completion:	26-MAY-76	Well Owner:	E. J. Mccall
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

BC438
WNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059057**

Database:	Ecology Well Logs	Well Log ID:	57194
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	013648	Date Received:	27-SEP-88
Diameter:	6	Casing Depth:	54
Well Completion:	21-SEP-88	Well Owner:	Clsabelle Danlup
Well Type:	Water	Driller #:	0848
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

BC439
WNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000059893**

Database:	Ecology Well Logs	Well Log ID:	58163
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	94
Well Completion:	16-MAR-74	Well Owner:	J. C. Courtier, Jr.
Well Type:	Water	Driller #:	0473
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

BC440
WNW
1/2 - 1 Mile
Lower

WA WELLS **WALOG1000567659**

Database:	Ecology Well Logs	Well Log ID:	811288
Well Tag:	BBS154	Project Tag:	Not Reported
Notice of Intent #:	W218218	Date Received:	25-OCT-11
Diameter:	6	Casing Depth:	108
Well Completion:	12-OCT-11	Well Owner:	Melissa Soares
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
BC441 **WNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000062086**

Database:	Ecology Well Logs	Well Log ID:	60682
Well Tag:	AEC558	Project Tag:	Not Reported
Notice of Intent #:	W100115	Date Received:	04-DEC-98
Diameter:	6	Casing Depth:	55
Well Completion:	16-NOV-98	Well Owner:	Sven Wiker
Well Type:	Water	Driller #:	2252
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

BC442 **WNW** **1/2 - 1 Mile** **Lower**	**WA WELLS**	**WALOG1000059903**

Database:	Ecology Well Logs	Well Log ID:	58174
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	Not Reported
Diameter:	6	Casing Depth:	23
Well Completion:	25-APR-73	Well Owner:	J. Walter Baldwin
Well Type:	Water	Driller #:	0286
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	18

BB443 **WSW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001281069**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35P06	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19780224
Well Depth:	229	Well Depth Units:	ft
Well Hole Depth:	254	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1978-02-24
Feet below surface:	180	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
BD444 **NW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001281968**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-26Q03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19801030
Well Depth:	78.8	Well Depth Units:	ft
Well Hole Depth:	79	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1980-10-30
Feet below surface:	36	Feet to sea level:	Not Reported
Note:	Not Reported		

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445 **NW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001281946**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-26P03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770829
Well Depth:	121	Well Depth Units:	ft
Well Hole Depth:	121	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1977-08-29
Feet below surface:	6	Feet to sea level:	Not Reported
Note:	Not Reported		

BD446 **NW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40001281967**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-26Q01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19700910
Well Depth:	61	Well Depth Units:	ft
Well Hole Depth:	61	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1970-09-10
Feet below surface:	24	Feet to sea level:	Not Reported
Note:	Not Reported		

447
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40001281321**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-35P04	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19760525
Well Depth:	181	Well Depth Units:	ft
Well Hole Depth:	188	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1976-05-25
Feet below surface:	162	Feet to sea level:	Not Reported
Note:	Not Reported		

448
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40001281741**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31D02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740613
Well Depth:	41	Well Depth Units:	ft
Well Hole Depth:	41	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	2	Level reading date:	1995-08-23
Feet below surface:	1.16	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1974-06-14	Feet below surface:	5
Feet to sea level:	Not Reported	Note:	Not Reported

AV449
NNW
1/2 - 1 Mile
Lower

WA WELLS **WA1100000013331**

Database:	Water Wells	PWS ID:	20445
Source #:	01	Source Name:	WELL #1 AGP288
Source Status:	Active	Source Type:	Ground Water - Well
Source Use:	Permanent	Date Source Effective:	01/01/1970
Date Source Inactive:	Not Reported	Water Resource Inventory Area:	Elwha-Dungeness

Well Depth:	230		
Source Susceptibility:	Moderate Susceptibility to Contaminants		
System Name:	DUNGENESS MEADOWS	Public Water System Group:	A
System Type:	Community Water System	Full Time Res Pop:	480
Total Population Served:	488	Total Connections:	196
PWS Status:	Active	Residential Connections:	193
DOE Well Tag:	18G014	Capacity (GPM):	180
Influenced by Droughts:	N	Influenced by Flooding:	N
Influenced by Surface Water:	U		

BE450
East
1/2 - 1 Mile
Higher

FED USGS **USGS40001281598**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31E04	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19741025
Well Depth:	61	Well Depth Units:	ft
Well Hole Depth:	61	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1974-10-25
Feet below surface:	12	Feet to sea level:	Not Reported
Note:	Not Reported		

BE451
East
1/2 - 1 Mile
Higher

FED USGS **USGS40001281518**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31E05	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19741003
Well Depth:	137	Well Depth Units:	ft
Well Hole Depth:	137	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1974-10-03
Feet below surface:	29	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

BE452
East
1/2 - 1 Mile
Higher

FED USGS **USGS40001281641**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31E03	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740118
Well Depth:	64	Well Depth Units:	ft
Well Hole Depth:	64	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	1	Level reading date:	1974-01-18
Feet below surface:	-4	Feet to sea level:	Not Reported
Note:	Not Reported		

BE453
East
1/2 - 1 Mile
Higher

FED USGS **USGS40001281642**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/03W-31E06	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19730205
Well Depth:	80	Well Depth Units:	ft
Well Hole Depth:	80	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	1	Level reading date:	1973-02-05
Feet below surface:	17	Feet to sea level:	Not Reported
Note:	Not Reported		

BD454
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40001281996**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-26Q02	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19801023
Well Depth:	78	Well Depth Units:	ft
Well Hole Depth:	78	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1980-10-23
Feet below surface:	36	Feet to sea level:	Not Reported
Note:	Not Reported		

455
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40001282152**

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	30N/04W-25M01	Type:	Well
Description:	Not Reported	HUC:	17110020
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740114
Well Depth:	118	Well Depth Units:	ft
Well Hole Depth:	118	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1974-01-14
Feet below surface:	69	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CLALLAM County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 98382

Number of sites tested: 4

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.050 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.500 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Ecology
Telephone: 360-407-6121

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Wells
Source: Department of Health
Telephone: 360-236-3148
Group A and B well locations.

Water Well Listing
Source: Public Utility District
Telephone: 206-779-7656
A listing of water well locations in Kitsap County.

Ecology Well Logs
Source: Department of Ecology
Telephone: 360-407-7294
Point geodatabase with a record for each Ecology well report. Points are located by quarter quarter section centroid. Points contain all well report types including water wells, resource protection wells, and decommissioned wells.

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Listing
Source: Department of Natural Resources
Telephone: 360-902-1450
Locations that represent oil and gas test well sites in Washington State from 1890 to present.

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix H
Qualifications of Preparer

Mark Larsen

Principal Scientist and Project Manager

Mark Larsen is an Anchor QEA partner and principal scientist and leads the firm's site assessment and brownfields reuse practice for the Pacific Northwest. His 29-year career has focused on the cleanup and reuse of brownfield sites in the United States and Canada. Mr. Larsen has experience working with state, federal, and tribal governments to achieve environmental protection goals and support property reuse objectives. He manages multidisciplinary project teams to assess, characterize, and remediate soil, groundwater, and sediment quality impacts, and to address the various requirements necessary for brownfield property reuse. His practice focuses primarily on the Pacific Northwest, including extensive work in Washington, Oregon, Idaho, Montana, Hawaii, British Columbia, and Alaska. He helps clients manage environmental liabilities within the context of property acquisition and redevelopment, and helps clients develop cost-sharing arrangements with the parties responsible for site contamination. Mr. Larsen has also assisted clients with procurement of grant funding from multiple sources to support site characterization, remediation, and reuse. He assists public and private clients with liability tracking and reporting requirements, including compliance with ASTM and other protocols.

Education

BS, Biology, University of Puget Sound, 1991

Project Experience

Site Assessment, Cleanup and DNR Settlement in Bellingham's Waterfront District

Port of Bellingham
Bellingham, Washington

Mr. Larsen led initial site assessment activities and continues to manage regulatory and permitting issues for portions of the Port of Bellingham's Waterfront District redevelopment. He led initial site assessment activities prior to acquisition of Georgia Pacific's 137 acres of waterfront properties by the Port of Bellingham. He then managed the development of the Remedial Investigation/Feasibility Study (RI/FS) under a Model Toxics Control Act/Sediment Management Standards (MTCA/SMS) Agreed Order, developed the Cleanup Action Plan and Consent Decree, and manages permitting and regulatory compliance activities for ongoing cleanup of the largest of the cleanup areas. That work has included implementation of groundwater source control measures, remediation of over a mile of shoreline, and cleanup of contaminated sediments. Cleanup work was coordinated with the replacement of aging marine infrastructure. Mr. Larsen also supported the Port in concluding a proactive liability settlement with the Washington State Department of Natural Resources, and in evaluating potential tideland exchanges with the Port. This project is ongoing, including upcoming design and permitting activities for the second phase of site remediation, which will resolve cleanup liabilities for an additional 50 acres of aquatic land.

Project Experience

Site Assessment, Cleanup, and Reuse of Former Lumber Mill Site *Portac Inc. and Port of Tacoma* *Tacoma, Washington*	Mr. Larsen conducted site assessment activities and is leading ongoing cleanup planning for Portac Inc. and the Port of Tacoma at this 50-acre former lumber mill site. This property is to be reused for port industrial activity. Contamination at the site includes pentachlorophenol from former sap stain treatment operations, and extensive arsenic contamination from copper slag used as ballast within the former log yard. Mr. Larsen developed the framework for property cleanup and reuse, defined data gaps necessary to resolve project uncertainties, and has assisted the parties in completing an RI/FS under a MTCA Agreed Order overseen by the Washington State Department of Ecology.
Phase 1 Site Assessment and Brownfields Program Support *Stillaguamish Tribe of Indians* *Arlington, Washington*	Mr. Larsen is the partner in charge for site assessment and brownfields program support services for the Stillaguamish Tribe of Indians. This work included completion of multiple Phase 1 environmental site assessments on land owned or being acquired by the Tribe. These properties have included commercial, agricultural, and forest properties. The site assessment work was supported by an EPA brownfields grant. Anchor QEA's work has also included follow-up investigations to resolve areas of concern and area-wide studies of groundwater supply and water quality within tribally controlled lands. Anchor QEA has assisted environmental managers at the Tribe in submitting over $300,000 in successful grant applications to EPA and other federal agencies to support environmental projects. Our work with the Stillaguamish Tribe is ongoing.
Phase 1 Site Assessments at Commercial Timberland Properties *Century Pacific Real Estate Advisors* *Seattle, Washington*	Mr. Larsen managed the completion of Phase 1 environmental site assessments and follow-up cleanup activities at four commercial timberland properties in Washington and Oregon. The assessments were in support of land acquisitions and property exchanges. The properties varied in size from less than 100 acres to more than 600 acres. Each of the projects needed to be completed on an aggressive schedule to support the schedules of the property transactions. Environmental issues encountered included equipment maintenance areas, fueling stations, and areas of historical solid waste disposal. Mr. Larsen assisted the parties in documenting resolution of the cleanup issues.
Site Assessment and Brownfield Cleanup Support for Port-wide Remediation Program *Port of Tacoma* *Tacoma, Washington*	Since 2007, Mr. Larsen has served as senior technical advisor to the Port of Tacoma for site assessment and brownfield cleanup issues. This work has included support for environmental remediation activities at over 30 contaminated upland and waterfront sites. Mr. Larsen's work has included environmental due diligence and site assessment activities support during acquisition of industrial properties, development of Port-wide remediation cost forecasts, and assistance to the Port in addressing environmental issues within leases to new tenants. Mr. Larsen has directly supported RI/FS activities, cleanup and interim actions, and long-term monitoring at

Project Experience

	over a dozen different cleanup sites. He has also assisted the Port in developing cost-sharing agreements with Port tenants, former property owners, and tenant insurance companies.
Site Assessment, Cleanup, and Source Control at Former Aluminum Smelter *MBTL and Alcoa, Inc.* *Longview, Washington*	Mr. Larsen led environmental due diligence as project manager for the waterfront cleanup, source control, and redevelopment at this 436-acre aluminum smelter in Longview, Washington. Work at this site has included completion of source control investigations, removal of contaminated materials remaining from prior site uses, completion of site-wide groundwater studies, and completion of an RI/FS, which was finalized in 2015. Mr. Larsen led development of the cleanup Consent Decree with the State of Washington; that document was issued for public comment in early 2016. He also assisted with recovering environmental remediation costs from a former facility operator.
Area-wide Brownfields Study *City of Seattle* *Seattle, Washington*	Mr. Larsen was the primary author of a report to the City of Seattle's Office of Economic Development summarizing the impacts of environmental liability and cleanup issues (particularly those associated with MTCA regulations) on the redevelopment potential for industrial properties in Seattle's Duwamish Industrial area. He reviewed the environmental and property development conditions at over 200 sites and made recommendations to the City regarding its potential roles to directly or indirectly remove barriers to cleanup and redevelopment of contaminated industrial sites.
Site Assessment and Cleanup at Former Wood Treating Site and Coal Tar Refinery *Vulcan Northwest* *Lake Washington, Seattle*	Mr. Larsen managed the environmental site assessment activities for Vulcan Northwest during planned acquisition and redevelopment of four industrial properties along the shoreline of Lake Washington. The properties included a former wood treating site, a coal tar refinery, a lumber mill, and a wood products company. Contamination of soil, groundwater, and sediments posed significant constraints to the planned project. These constraints were identified and used to develop a modified project plan consistent with project requirements. Mr. Larsen led investigations to identify the nature and extent of contamination, developed remediation liability estimates, and coordinated remediation activities with the work of the client's various engineering, planning, and legal team members. Mr. Larsen led outreach activities with state and federal regulatory agencies, permitting agencies, and affected project stakeholders, including affected tribes and community members. Two of the properties were ultimately purchased and remediated, including one subsequently redeveloped as a training facility for the Seattle Seahawks.

CULTURAL RESOURCES INVENTORY FOR THE DUNGENESS RIVER STREAMFLOW RESTORATION OFF-CHANNEL RESERVOIR PROJECT, CLALLAM COUNTY, WASHINGTON

Prepared for:

Clallam County Public Works
223 East 4th Street, Suite 6
Port Angeles, WA 98362-3000
Contact: Carol Creasey

DRAFT

Prepared by:

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Christopher Knutson, MPhil, RPA
Adrienne Donovan-Boyd, MS
Jennifer Olander, BA

DUDEK
1 SW Columbia Street, Suite 1500
Portland, Oregon 97258
Principal Investigator: Zach Windler

JANUARY 4, 2021

DRAFT

Management Summary

Dudek was contracted by Clallam County to conduct a cultural resources inventory for the proposed Dungeness River Streamflow Restoration Off-Channel Reservoir Project, is located southwest of Sequim, Clallam County, Washington. The proposed project seeks to restore streamflow along the Dungeness River on two Department of Natural Resources (DNR)-owned parcels, parcel numbers 043036210000 (319 acres) and 043036130000 (77 acres). The County plans to acquire the parcels from DNR as part of the project. The streamflow restoration design includes excavation of an off-channel reservoir, which will encompass an 88-acre area west of River Road in parcel 043036210000. Other proposed project activities are currently unknown, as the project design is in the early stages of development.

The project is funded by a Department of Ecology (ECY)-managed Streamflow Restoration Grant and subject to the requirements of Washington State Governor's Executive Order 05-05 (EO 05-05). ECY is acting as the lead state agency. In addition, the project will likely, later in the design/implementation process, seek a U.S. Army Corps of Engineers (USACE) permit for the removal and deposition of material into waters of the United States. If so, the project will be subject to Section 106 of the National Historic Preservation Act of 1966 (as amended) and its implementing regulations, 36 Code of Federal Regulations 800. The lead federal agency would be USACE, Seattle District. As currently planned, the project's potential ground disturbances are confined to the 88-acre proposed reservoir area within the 396-acre project area.

Dudek conducted archival research that indicated that two archaeological resources and no historic buildings or structures had previously been recorded within the project area, and only one archaeological resource—Site 45CA218, the Manis Mastodon Site—and four historic buildings had been recorded within 1 mile of the project area. Based on the landforms that are present within the project area, Dudek determined that much of the project area, within the alluvial terrace and low, river-adjacent floodplain, had a high probability for containing archaeological resources.

Dudek conducted a pedestrian survey of the project area. Shovel test probes were also excavated within the proposed reservoir area within the areas of highest probability for the presence of buried cultural deposits; no cultural materials were identified below the surface. During the pedestrian survey, Dudek identified four archaeological resources on the ground surface along with two historical built-environment resources. The identified archaeological resources include the two previously recorded archaeological sites—historic debris scatters 45CA524 and 45CA725—and two additional small historic debris scatter sites—12963-02 and 12963-05. Most of the historical debris at the four sites was from the 1960s and represent expedient residential dumping events. Identified Aspects of the historical built environment within the project area include two historical groupings of canals and laterals associated with the Highland and Independent Canals, respectively. Dudek recommends the two built-environment resources and four archaeological sites not eligible for listing in the National Register of Historic Places (NRHP). Dudek therefore recommends a finding of *no effect to historic properties* for the project, as planned. Should future design plans for the project include areas of potential impacts outside of the proposed reservoir area, additional archaeological investigations to test for buried archaeological deposits in those areas may be required.

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7 Conclusions and Recommendations

Dudek completed a cultural resources inventory in support of Clallam County's Dungeness River Streamflow Restoration Off-Channel Reservoir Project near Sequim, Washington. The project plans to excavate the 88-acre reservoir and tie the reservoir into the vicinity's current stormwater and irrigation systems. The reservoir will be constructed within the northern half of parcel 043036210000, west of River Road and north of the BPA transmission line ROW that bisects the project area from east–west. The proposed reservoir will encompass a portion of Highland Irrigation Canal lateral HC-1 and one of the lateral's associated culverts (F5). The culvert appears to have been constructed or replaced within the last 50 years. The immediate area of the proposed reservoir was previously disturbed during logging activities, and likely from multiple logging episodes stretching back into the historic-period (as evidenced by the springboard-notched stumps within the project area). Project activities related to the reservoir seek to improve and maintain the current irrigation network, planning for future drier environmental conditions with less consistent streamflow from the Dungeness River.

Dudek's inventory consisted of archival and background research, an archaeological pedestrian survey and subsurface testing, and a historic built-environment resources survey. Although most of the forested areas surveyed within the project area had limited ground surface visibility due to thick duff and leaf cover, much of the proposed reservoir area was open and grassy with fair surface visibility, which made it likely that any features or cultural objects larger than 1 foot in size would have been identified in those areas. Subsurface testing was limited to HPAs within the proposed 88-acre reservoir area, and no cultural materials were identified below the surface. No shovel probes were excavated outside of the proposed reservoir area. No further archaeological work is recommended with regards to planned project activities within the proposed 88-acre reservoir boundary.

At this stage in the project planning process, no other areas of potential impacts aside from the reservoir area—such as temporary access roads and staging areas, permanent trail or road construction, parking areas, etc.—are known. Yet unidentified archaeological deposits could be situated at or near the ground surface (or deeper) on the terrace adjacent to the boundaries of the reservoir area, on the low Dungeness River-adjacent floodplain at the western edge of the project area, and on the relatively flat upland benches along the eastern margins of the project area. Archaeological deposits are not likely to be present on the very low, inundated, and active floodplain of the Dungeness River or along the steep slopes that make up much of the eastern half of the project area. Once designed, should the proposed project include potential ground disturbing activities outside of the tested reservoir boundary and within any of the HPAs defined above, further archaeological investigations are recommended to test for buried cultural deposits prior to construction.

Two previously recorded archaeological sites, 45CA524 and 45CA725, are located within the project area and were revisited by Dudek during the archaeological survey. Dudek identified two additional historic-period archaeological sites, 12963-02 and 12963-05, on the surface during the survey of the project area, as well as two historic built-environment resources (Highland Canal and laterals and Independent Canal and abandoned lateral) (Table 7-1, NRHP Recommendations for Resources Identified in the Project Area). Details regarding the results and recommendations for each of the resources are included below. Dudek recommends a finding of *no effect to historic properties* for the project.

DRAFT

Table 7-1. NRHP Recommendations for Resources Identified in the Project Area

Field ID	Resource Type	Description	NRHP Eligibility[1]	Finding[1]
12963-02	Archaeological	Historic debris scatter site	Not eligible	*No further work*
12963-05	Archaeological	Historic debris scatter site	Not eligible	*No further work*
45CA524	Archaeological	Historic debris scatter site	Not eligible	*No further work*
45CA725	Archaeological	Historic debris scatter site	Not eligible	*No further work*
BE-12963-01	Built Environment	Highland Canal and Laterals HC-1 and HC-2	Not eligible	*No further work*
BE-12963-06	Built Environment	Independent Canal and abandoned lateral	Not eligible	*No further work*

[1] Dudek recommendations

7.1 Site 12963-02 and Site 12963-05

Newly identified archaeological sites 12963-02 and 12963-05 are both located on the older alluvial terrace within the western third of the project area. Site 12963-02 is located within the western edge of the proposed reservoir area, and 12963-05 was found south of the proposed reservoir area, south of the BPA ROW. Both sites are sparse historic debris scatters that date to the 1960s. Sites 12963-02 and 12963-05 are recommended by Dudek to be not eligible for the NRHP and, thus, should not be considered historic properties. Moreover, the proposed project, as planned, would not affect 12963-05, as it is located outside of the proposed reservoir area. Dudek recommends no further cultural work for these resources.

7.2 Previously Recorded Site 45CA524

Previously recorded archaeological site 45CA524 is located on a steep slope of a ridgeline that leads down from the older alluvial terrace that covers much of the western half of the project area, west of River Road. The site lies outside of the proposed reservoir area. The site consists of hundreds of pieces of historic-period debris scattered across the surface, including car bodies, decorative ceramics, and glass vessels and fragments of vessels. Dudek expanded the site boundaries west to include the toe of the slope, but otherwise the site appeared as previously recorded (Stilson 2004). Like the other refuse scatters identified within the project area, many artifacts at Site 45CA524 have datable maker's marks and/or are jars, bottles, or other debris that are stylistically consistent with household refuse of the 1940s through 1960s. Earlier 20th century artifacts found at the site likely reflect reoccurring dumping events following the construction of River Road, and might have been deposited there by locals who were involved in the logging industry and knew of the site's convenient location. The site is recommended by Dudek to be not eligible for the NRHP and, thus, should not be considered a historic property. Moreover, the proposed project, as planned, would not affect 45CA524, as it is located outside of the proposed reservoir area. Dudek recommends no further cultural work for this resource.

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7.3 Previously Recorded Site 45CA725

Previously recorded archaeological site 45CA725 is located on the older alluvial terrace in the central third of the project area within the eastern edge of the proposed reservoir area. The site consists of approximately 90 pieces of historic-period debris scattered across the surface in several concentrations. Dudek identified additional artifact concentrations on the surface during the survey, and the boundary was expanded west to encompass the finds. The site, with its convenient location bisected by the access road and close to River Road, likely represents multiple residential dumping events that occurred between the 1940s and 1960s. The site is recommended by Dudek to be not eligible for the NRHP and, thus, should not be considered a historic property. Dudek recommends no further cultural work for this resource.

7.4 Historic Built-Environment Resources

The inventory resulted in the recording of two historic aboveground resources, the Highland Canal and Laterals HC-1 and HC-2 (Field Number BE-12963-01) and the Independent Canal and abandoned lateral (Field Number BE-12963-06). The Dungeness River Streamflow Restoration Off-Channel Reservoir Project will include the creation of a reservoir along the Highland Canal Lateral-1 (see Figure 6.1-2). These modifications are a continued development of the water conveyance system and will help to better manage the water of the Dungeness River. These irrigation ditches—built following the culturally significant period (initial/early development, c. 1895-1897) for the irrigation system—are indicative of typical patterns of growth and community expansion and therefore are not recommended eligible for the NRHP.

10
1/25/21

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: Finance

WORK SESSION ☒ **Meeting Date:** **01/25/2020**

REGULAR AGENDA ☐ **Meeting Date:**

Required originals approved and attached? ☒
Will be provided on:

Item summary:

☐ Call for Hearing ☐ Contract/Agreement/MOU - Contract #

☐ Resolution ☐ Proclamation ☐ Budget Item

☐ Draft Ordinance ☐ Final Ordinance ☒ Other Monthly Review

Documents exempt from public disclosure attached: ☐

DECEMBER FINANCIAL RESULTS—EXECUTIVE SUMMARY:

2020 Calendar Year General Fund Results

The 2020 Year End General Fund Financial Review compared to 2019 is attached along with comparison to the original budget for 2020.

Revenue for the General Fund in 2020 totaled $44,595k as compared to $40,712k in 2019, representing an increase of $3,883k. Excluding COVID-related reimbursements from CARES of $5,118k, revenues totaled $39,476k, a decrease of $1,236k over prior year and falling short of our original budget by -7.9%. General Fund expenditures for 2020 were $45,337k (which includes $5,375k of COVID-related costs) as compared to $38,955k in 2019 for an increase of $6,382k. Excluding COVID-related revenues/expenditures, the General Fund generated an operating deficit for the year of ($485k), as compared to a budgeted deficit of ($3,072) and an expected budget deficit (as adjusted to include personnel dark time of $1.2 million) of ($1,872k). Including COVID-related activity, the General Fund generated an operating deficit for 2020 of ($742k).

REVENUE RECAP

Please refer to the attached schedule that provides further detail of the major factors that make up these changes and performance to budget. With the exception of Taxes, Intergovernmental and Timber Sales, all other revenue categories fell short of our original budgeted goals, mainly due to the impact of the COVID pandemic. Tax Revenue was up $433k to last year mainly due to gains in property taxes (up 2.1%) and sales taxes (up 4.8%) which held up remarkably well overall during the COVID pandemic, as partially offset by a $230k decline in timber excise revenues, with overall tax revenues coming in slightly above budget. Intergovernmental Revenue, excluding CARES

reimbursements from Commerce, was $405k higher than last year due mainly to a CARES grant rec'd by the auditor in support of elections during the COVID-19 emergency, as offset by lower grant revenues in other areas, and finished the year 7.7% above budget. Revenue from Timber Sales in 2020 outperformed budget by 15.3%.

Charges for Goods & Services for 2020 came in 22.9% short of budget and $2,047k lower than 2019, however this was mainly due to a required change in accounting of indirect costs allocated by the General Fund where these charges must be accounted for as a reduction of Services expenditures rather than as Goods & Services revenue (as originally budgeted). Once adjusted for the effect of this accounting change, Goods & Services revenue came in at 94.9% of budget and $18k higher than 2019. Underperformance to budget was mainly due to COVID-related factors, including lower than expected jail billing to DOC due to reduced jail inmate capacity under COVID, loss of Fair-related revenue due to its cancellation, lower DCD building plan revenues, lower HHS environmental program fees, lower Juvenile Services True Star and SBHO Title 19 service fees, and lower district court and clerk fees due to COVID-related court closures, as partially offset by higher election services revenue due to spillover of 2019 election revenue.

Misc Revenue missed budget by -13.9% and was $344k lower than 2019 due to camping fee revenue declines during the COVID-related closure of County campgrounds from April-early July and lower interest income due to market interest rate declines

Licenses & Permits fell short of budget by -12.7% mainly due to lower building permit revenues and reduced license and permit activity relating to the COVID stay-home proclamation earlier in the year, with Fines and Penalties under-performing to budget by -9.3% again due to reduced infraction revenue as a result of the COVID stay-home proclamation and its impact on the operation of the courts and clerk's office this year.

Transfers In were $429k higher than last year due to transfers from the Lower Dungeness project commencing in 2020, but finished 68.7% below budget due to the delay of the construction phase of the Lower Dungeness Project.

By the end of 2020, the County's General Fund had received $5,118k of CARES reimbursements of the $5.7 million of CARES funding awarded to the County by the Department of Commerce, with the remaining $583k received in 2020 and reflected in other County funds that had incurred CARES-eligible costs (funds include the Opportunity Fund, Lodging Tax Fund, REET1, Roads and HHS).

EXPENDITURE RECAP

Turning to expenditures, 2020 General Fund expenditures (excluding COVID-related) increased $1,006k or 2.5% over prior year and came in under the 2020 budget by 13%. After adjusting for the reclassification of General Fund indirect charges from revenue to expenditures, total expenditures increased $3,072k or 8.3% and came in under budget by 9%. This increase was driven mainly by budgeted transfers totaling $1.7 million made to the Parks & Facilities Capital Projects Fund ($800k), IT Capital Projects Fund ($500k) and HHS Operations ($400k) which were new for 2020.

Payroll and benefits finished the year up 3.2% and 3.7%, respectively, to prior year and underspent to budget by -5.6% and -6.8% again largely due to our budgets not reflecting personnel churn/dark time and savings captured by the County's limited hiring freeze put in place at the onset of the COVID

pandemic. Most other expenditure categories (excluding COVID-related) were at or below the annual budget with the exception of Capital Outlays (excluding COVID-related) which were 20.8% higher than budget mainly to some spill-over of some 2019 budgeted expenditures to 2020. Services expenditures came in 30% below budget mainly due to the reclassification of General Fund indirect charges from revenue to a reduction of Services costs, as well as due to significantly lower than budgeted costs related to the multi-homicide cases due to several cases pleading out or being delayed due to COVID, and lower travel and professional services costs across multiple departments.

The County's General Fund incurred total COVID-related expenditures $5,375k, most of which was recovered through CARES reimbursements received, with the remainder expected to be recovered in 2021 once reimbursements from FEMA are received (see discussion below).

ENDING FUND BALANCE RECAP

Our General Fund reserves balance ended 2020 at $14,501k, which is $632k higher than expected in our last projection and that was assumed for the 2021 budget, mainly due to stronger sales taxes, lower COVID services costs due to refund of some unspent subrecipient CARES funding, lower capital outlays due to spill over of some projects, and lower Transfers Out required related to the Lower Dungeness and Carlsborg Water Mitigation projects.

CARES SUMMARY

As outlined above, the County's General Fund incurred a total of $5,375k of COVID-related expenditures, most of which was reimbursed through the $5,701k CARES grant awarded to the County by the Department of Commerce, with the remainder reimbursed to other County Funds that had incurred CARES-eligible costs, including the Opportunity Fund ($70k for Choose Clallam First EDC), Hotel/Motel Tax Fund ($252k for "Keep the Lights On" tourism non-profit grants), REET1 ($214k relating to part of the CARES-eligible IT infrastructure project), and other funds related to COVID-related paid leave costs.

Below is a summary of the major areas where Commerce CARES Funds were deployed by the County:

ECONOMIC SUPPORT FUNDING PROVIDED:

• Economic Support Provided to 276 Small Businesses through Clallam EDC	$1,767k
• Economic Support Provided to 5 Small Businesses through Craft3 Loan Program	60.2k
• Residential Rent, Mortgage & Utilities Assistance--City of Port Angeles (474 HHs)	178.9k
• Residential Rent, Mortgage Assistance—OLYCAP (139 HHs)	143.4k
• Residential Utility Assistance—Clallam PUD (187 HHs)	45.2k
• Childcare Economic Assistance—7 Childcare Organizations Supported	270.0k
• Food Bank and Local Farm Economic Support—Forks, PA, Sequim, NODC	210.7k
• Homeless Population Economic Support (Serenity House)	200.0k
• Tourism Non-Profit Organization Economic Support Provided (20 grants awarded)	252.8k
• Small Business Support—Clallam EDC Choose Clallam First Program	70.0k
• Other Economic Support	1.2k
Total External CARES Economic Support Provided to the Community	**$3,199.4k**

OTHER COUNTY USES OF CARES FUNDS:

- Medical Expenses—COVID-19 Testing for Jail Inmates $ 20.7k
- Public Health Expenses—public safety outreach campaigns, medical and sanitation supplies; disinfection of public areas/facilities, other public safety measures 141.4k
- Payroll Expenses for County Employees Dedicated to COVID-19 509.0k
- Expenses to Facilitate Compliance with COVID-19 Measures:
  - Telework Capabilities of Public Employees (i.e. CDW IT Infrastructure proj) 1,626.0k
  - COVID Leave and other costs 204.3k

Total County Use of CARES Funds **$2,501.4k**

TOTAL CARES FUNDS REIMBURSED TO COUNTY **$5,700.8K**

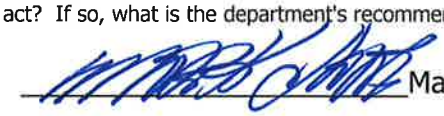
It should also be noted than in addition to the CARES-eligible costs incurred by the County that were supported by the Commerce CARES grant as outlined above, the County also incurred additional COVID-related costs that were supported by other CARES and non-CARES grant funding sources, including:

- HHS incurred costs relating to its operation of the Isolation shelter and incurred additional HHS COVID staffing support costs which were supported through separate Department of Health CARES and non-CARES state grants;
- Superior Court incurred approximately $439k in capital outlay costs related to the JAVS courtroom technology project to enable COVID-safe courtroom operations that were supported by a separate CARES granted administered by WA State AOC;
- The Auditor's Office incurred $315k ballot sorter capital outlay and other election-support costs that were funded through two Secretary of State grants (HAVA & CARES) and one through CTCL to support safe elections during the COVID-19 pandemic; and
- The County incurred FEMA-eligible costs totaling $168.3k relating to the County's emergency response to the COVID-19 pandemic, reimbursement of which is expected to be received in 2021.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐

This is an informational presentation that by itself has no specific budgetary impact.

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)

County Official signature & print name:  Mark Lane

Name of Employee/Stakeholder attending meeting: Mark Lane

Relevant Departments: Finance

Date submitted:

January 20, 2021

Clallam County General Fund Results
December 2020

December 2020 YTD Revenue totaled $44,595k as compared to $40,712k in 2019, representing an increase of $3,883k. December 2020 YTD Revenues came in at 104% of our annual revenue budget, as compared to 98.2% in 2019. If one excludes CARES/FEMA reimbursements, revenue finished the year at 92.1% of budget. All categories with the exception of Taxes, Intergovernmental, and Timber Sales fell short of our original budgeted goals, with the largest misses being in goods & services (77% of budget achieved), Misc Revenue (86% of budget), Fines & Penalties (91% of budget), & Transfers In (31% of budget). These budget misses were mainly due to the impact of COVID 19, the stay-home proclamation and the closure to the public of many County operations and facilities (including campgrounds and fair grounds) in April and continuing for several months in 2020, with the exception of Transfers In which fell short of budget due to the delay in the construction phase of the Lower Dungeness Floodplain project and Goods & Services which also fell short of budget largely due to a required change in how we account for indirects charged by the General Fund (indirects were budgeted as revenue but are required to be accounted for as a reduction of services expenditures). Remarkably, Taxes finished slightly better than the 2020 budget, driven mainly by stronger sales taxes which were up 4.8% for the year from last year (as compared to an approx 1% increase assumed in the 2020 budget) despite the 15.6% and 9.6% declines in May and June due to the impact of the COVID emergency declaration and closure of many businesses, and offsetting a $238k miss in our timber excise taxes. In December, sales taxes for the month were up 13% to last year due to continued consumer resiliency despite the exhaustion of much of the stimulus injected into the economy in the form of federal stimulus checks and additional federal unemployment benefits provided that expired at the end of July. Intergovernmental Revenues exceeded budget by 7.7% mainly due to additional grant funds received by the Auditor's Office in support of conducting safe elections during the COVID pandemic. For the year, the General Fund had received CARES reimbursement funds from Commerce of $5,118k, with the remaining $583k of the total $5.7 million of CARES funds awarded to the County reflected in other funds that supported the CARES-eligible costs incurred by the County in 2020 (including the Opportunity Fund, Lodging Tax Fund, REET1 and other funds). From a County-wide perspective, the County was fully reimbursed the $5.7 million CARES grant awared to it by Commerce in 2020.

Expenditures for 2020 totaled $45,337k (including $5,375k of COVID related costs) as compared to $38,955k in 2019 for an increase of $6,381k. Expenditures (excluding COVID) totaled $39,962k, an increase of $1,006k or 2.6%. Expenditures (excluding COVID) for December 2020 YTD came in at 87% of our annual budget, which was below last year's of 91.6%. The year-over-year increase in expenditures was mainly due to the $1.7 million in budgeted transfers out to the Capital Projects, IT Capital and HHS funds. Most expenditure categories (excluding COVID) finished at or below budget, with the exception of Capital Outlays which reflected the carryover of 2019 project costs. As in prior years, the General Fund again underspent its budgeted Payroll and Benefits budgets by a combined $1.847 million or -6% due again to the budget not reflecting historic position churn/dark time due to current budget policy which requires us to budget all positions as fully staffed the entire year, as well as savings resulting from the County hiring freeze implemented on non-essential positions at the onset of the COVID pandemic.

For December 2020 YTD, the General Fund generated an operating deficit between revenue and expenditures (excluding COVID/CAREs) of ($485k), a $2,242k decline from last year's operating surplus, but a $2,587k lower deficit than budgeted. This year-over-year increase in operating deficit was largely due to the $1.7 million of budgeted transfers made to our facilities and IT capital projects funds and to HHS Operations, along with higher costs in personnel, risk pool costs, and services, as offset by a $829k increase in revenue (when excluding CARES and the recharacterization of indirects from revenue to a reduction in services expenditures in 2020). After including COVID-related net revenue to expenditure deficit for the year of ($257k), the General Fund generated an operating deficit of ($742k) for December 2020 YTD. The General Fund finished 2020 with an ending fund balance reserve of $14,501k, a $632k higher fund balance than our previous projection and assumed for the 2021 budget.

December 2020 YTD--vs Annual Budget (rounded to thousands)

	2020 YTD Actual	2020 Budget	Budget Remaining	2020 % of Annual Budget Achieved YTD	2019 % of Annual Budget Achieved YTD
REVENUES:					
Taxes	20,899	20,723	-175	100.8%	103.7%
Licenses & Permits	1,004	1,150	146	87.3%	90.4%
Intergovernmental Revenues	5,694	5,286	-408	107.7%	98.5%
Charges for Goods & Services	7,479	9,695	2,217	77.1%	104.9%
Fines & Penalties	879	969	90	90.7%	100.2%
Misc Revenue (Interest Inc, Camping Fees, etc)	2,218	2,577	359	86.1%	106.6%
Nonrevenues (Sale/Use Tax, Lodging Tax--Parks & Facil)	50	71	21	70.2%	149.5%
Other Financing Sources (Timber Sales, other)	694	602	-92	115.3%	110.7%
Transfers In	561	1,790	1,229	31.3%	6.2%
Total Revenue--Excluding CARES/FEMA	**39,476**	**42,863**	**3,387**	**92.1%**	**98.2%**
Total Revenue--CARES/FEMA	**5,118**	**0**	**-5,118**	-- --	
Total Revenue	**44,595**	**42,863**	**-1,732**	**104.0%**	**98.2%**

Clallam County General Fund Results
December 2020

	2020 YTD Actual	2020 Budget	Budget Remaining	2020 % of Annual Budget Achieved YTD	2019 % of Annual Budget Achieved YTD
EXPENDITURES:					
Payroll	20,594	21,821	1,226	94.4%	96.2%
Payroll--COVID	245	0	-245	--	--
Benefits	8,466	9,087	621	93.2%	92.7%
Benefits--COVID	13	0	-13	--	--
Supplies	1,110	1,370	259	81.1%	84.3%
Supplies--COVID	213	0	-213	--	--
Services	6,049	8,657	2,607	69.9%	95.1%
Services--COVID	3,207	0	-3,207	--	--
Capital	338	280	-58	120.9%	97.6%
Capital--COVID	702	0	-702	--	--
Transfer Out --COVID	995	0	-995	--	--
Transfers Out	2,174	3,491	1,317	62.3%	25.9%
Payment to Risk Pool	1,229	1,229	0	100.0%	100.0%
Total Expenditures--excluding COVID	**39,962**	**45,934**	**5,973**	**87.0%**	**91.6%**
Total Expenditures--COVID	**5,375**	**0**	**-5,375**	**--**	**--**
Total Expenditures	**45,337**	**45,934**	**598**	**98.7%**	**91.6%**
Net Operating Surplus (Deficit)--Excluding COVID	**-485**	**-3,072**			
Net Operating Surplus (Deficit)--COVID	**-257**	**0**			
Net Operating Surplus (Deficit)	**-742**	**-3,072**			
Fund Balance	**14,501**	**12,171**	**2,329**		

December 2020 YTD--vs Prior Year YTD (rounded to thousands)

	2020 YTD Actual	2019 YTD Actual	Variance--$
REVENUES:			
Taxes	20,899	20,466	433
Licenses & Permits	1,004	1,019	-15
Intergovernmental Revenues	5,694	5,289	405
Charges for Goods & Services	7,479	9,525	-2,047
Fines & Penalties	879	956	-77
Misc Revenue (Interest Inc, Camping Fees, etc)	2,218	2,562	-344
Nonrevenues (Sale/Use Tax, Lodging Tax--Parks & Facil)	50	98	-48
Other Financing Sources (Timber Sales, other)	694	665	28
Transfers In	561	132	429
Total Revenue--Excluding CARES/FEMA	**39,476**	**40,712**	**-1,236**
Total Revenue--CARES/FEMA	**5,118**	**0**	**5,118**
Total Revenue	**44,595**	**40,712**	**3,883**

EXPENDITURES:

Clallam County General Fund Results
December 2020

Payroll	20,594	19,962	632
Payroll--COVID	245	0	245
Benefits	8,466	8,166	300
Benefits--COVID	13	0	13
Supplies	1,110	1,074	37
Supplies--COVID	213	0	213
Services	6,049	7,680	-1,630
Services--COVID	3,207	0	3,207
Capital	338	434	-96
Capital--COVID	702	0	702
Transfer Out --COVID	995	0	995
Transfers Out	2,174	545	1,629
Payment to Risk Pool	1,229	1,095	134
Total Expenditures--excluding COVID	**39,962**	**38,955**	**1,006**
Total Expenditures--COVID	**5,375**	**0**	**5,375**
Total Expenditures	**45,337**	**38,955**	**6,381**
Net Operating Surplus (Deficit)--Excluding COVID	**-485**	**1,757**	**-2,242**
Net Operating Surplus (Deficit)--COVID	**-257**	**0**	**-257**
Net Operating Surplus (Deficit)	**-742**	**1,757**	**-2,499**
Fund Balance	**14,501**	**15,243**	**-742**

Major Revenue Differences between YTD 2020 and 2019 (rounded to thousands)

Juvenile Justice sales tax	62
Property tax	231
Sales taxes (other than Juvenile Justice)	370
Timber Excise Tax	-230
Intergovernmental--PILT, Criminal Justice, Other Excise Taxes	122
Intergovernmental--Grants (Auditor CARES election grants, offset by reduced grants in Juvie, other areas, timing)	283
Intergovernmental--CARES/FEMA	5,118
Investment & Delinquent tax interest	-120
Decrease in Parks' Camping Fees Due to COVID-related Campground/Facility Closures	-204
Decrease in Fair Revenue due to Cancellation	-320
Timber revenue	42
Interagency Services--Court Consolidation pymt timing, Roads & Other Policing Agreements timing/reduction, State Dpt Corrections (lower inmate capacity during COVID)	-574
Goods & Services--Indirects (due to reclassification of indirects from revenue to negative services expenditure to reflect proper accounting)	-2,065
Fines and Penalties (due to reduced traffic infractions during stay at home order)	-77
Election Services Revenue--Presidential Year, spill over 2019 November election reimbursement	450
Everything else--Transfers, Building Permits, etc (rounded to thousands)	793 **
Total Revenue Increase over Prior Year	**3,883**

Clallam County General Fund Results
December 2020

** The 'everything else' number of $793k relates mainly higher transfers in relating to the Lower Dungeness project ($521k), new DOL revenue from the state ($128k), and other increases, as offset by lower building permit revenue (-$31k), and other decreases.

Major Expense Differences between YTD 2020 and YTD 2019 (rounded to thousands)

Payroll/Benefits--prior year estimated impact of retirements and newly elected officials that led to conversion of payouts of accrued leave balances or partial conversion of leave balances to VEBA payments.	-175
Payroll--changes due to personnel, step/COLA, and other non-retirement factors	733
Benefits--due to changes in personnel/benefit costs	374
Services (mainly due to $1.665 million reclassification of indirect charges from revenue to negative services expenditure to reflect proper accounting treatments, as offset by spill over of 2019 election binding & printing costs, $80k higher Clallam Conservation District, higher coroner services, Parks/Facilities and Fair building maintenance and higher professional services in multiple areas).	-1,630
Risk Management Assessment for Insurance Pool	134
Transfers (mainly due to budgeted transfers to Capital Projects of $800k, $500k to IT Capital Projects, & $400k to HHS)	1,629
COVID Related Costs (include CAREs disbursements in support of small business, childcare, food security, residential assistance, and homeless support, and internal COVID-response costs (PPE, IT costs, COVID-dedicated staff additions, etc)	5,375
Net Other Expenditure Changes (higher supplies due to COVID, higher capital outlays per above)	-59
Total Expenditure Increase over Prior Year	**6,381**