

KITTITAS COUNTY COMMUNITY DEVELOPMENT SERVICES

411 N. Ruby St., Suite 2, Ellensburg, WA 98926
CDS@CO.KITTITAS.WA.US
Office (509) 962-7506
Fax (509) 962-7682

"Building Partnerships - Building Communities"

SX-16-00021

SHORELINE EXEMPTION PERMITTING

(For projects located within 200 feet of a body of water and/or associated floodway and wetlands under the jurisdiction of the Shoreline Master Program)

REQUIRED INFORMATION / ATTACHMENTS

- A scaled site plan is required showing location of all structures, driveways, well, septic, fences, etc. and proposed uses and distances from property lines, river, and Horizontal distance from OHWM. To show the Horizontal distance a profile view from the OHWM to the edge of structure/activity shall also be shown.
- Include JARPA or HPA forms *if required* for your project by a state or federal agency.
- SEPA Checklist, if not exempt per WAC 197-11-800.

Please note a Shoreline Variance or Shoreline Conditional Use Permit may also be required. See Kittitas County Shoreline Master Program

APPLICATION FEES:

\$830.00 Fees due for this application when SEPA is not required (One check made payable to KCCDS)

\$1500.00 Fees due for this application when SEPA is required (One check made payable to KCCDS)

FOR STAFF USE ONLY

Application Received By (CDS Staff Signature): <u>C&B</u>	DATE: <u>9.16.16</u> <u>Processed 9.23</u> <u>needed siteplan</u>	RECEIPT # _____	<div style="border: 2px solid blue; padding: 5px; text-align: center;"> <p>RECEIVED</p> <p>SEP 16 2016</p> <p>KITTITAS COUNTY</p> <p>CDS</p> <p><small>DATE STAMP IN BOX</small></p> </div>

COMMUNITY PLANNING • BUILDING INSPECTION • PLAN REVIEW • ADMINISTRATION • PERMIT SERVICES • CODE ENFORCEMENT • FIRE INVESTIGATION

General Application Information

1. Name, mailing address and day phone of land owner(s) of record:

Landowner(s) signature(s) required on application form.

Name: Ronald Ray Henning
Mailing Address: 6029 Hawthorne Ter NE
City/State/ZIP: Tacoma, Wa. 98422-1200
Day Time Phone: 206-459-1943
Email Address: r_henning@hotmail.com

2. Name, mailing address and day phone of authorized agent, if different from landowner of record:

If an authorized agent is indicated, then the authorized agent's signature is required for application submittal.

Agent Name: _____
Mailing Address: _____
City/State/ZIP: _____
Day Time Phone: _____
Email Address: _____

3. Name, mailing address and day phone of other contact person

If different than land owner or authorized agent.

Name: Brian Henning
Mailing Address: 1012 17th St. NE
City/State/ZIP: Auburn, Wa. 98002
Day Time Phone: 206-478-1860
Email Address: henninbk@aol.com

4. Street address of property:

Address: 450 Teanaway Acres Rd.
City/State/ZIP: Cle Elum, Wa. 98922-8336

5. Legal description of property: (attach additional sheets as necessary)

ACRES .48, TEANAWAY ACRES LT 13 SEC. 34, TWP. 20, RGE. 16,

6. Tax parcel number(s): 015235

7. Property size: .48 (acres)

Project Description

1. Briefly summarize the purpose of the project:

~~Replace lost rocks along shoreline lost from 2016 flooding to protect existing dwellings on property.~~

2. What is the primary use of the project (e.g. Residential, Commercial, Public, Recreation)?

Protect recreational property and dwellings.

3. What is the specific use of the project (e.g. single family home, subdivision, boat launch, restoration project)?

Restore to previous condition.

4. Fair Market Value of the project, including materials, labor, machine rentals, etc. \$31,000

5. Anticipated start and end dates of project construction: Start Sept 26 2016 End Oct 1 2016

Authorization

Application is hereby made for permit(s) to authorize the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. I hereby grant to the agencies to which this application is made, the right to enter the above-described location to inspect the proposed and or completed work.

All correspondence and notices will be transmitted to the Land Owner of Record and copies sent to the authorized agent or contact person, as applicable.

Signature of Authorized Agent:
(REQUIRED if indicated on application)

Date:

X _____

Signature of Land Owner of Record
(Required for application submittal):

Date:

X Ronald Henning

9-11-16

FOR STAFF USE ONLY

1. Provide section, township, and range of project location:

¼ Section 3 Section 34 Township 16 N. Range 20 E., W.M.

2. Latitude and longitude coordinates of project location (e.g. 47.03922 N lat. / -122.89142 W long.):

_____ [use decimal degrees – NAD 83]

3. Type of Ownership: (check all that apply)

Private Federal State Local Tribal

4. Land Use Information:

Zoning: FOREST & RANGE

Comp Plan Land Use Designation: RURAL WORKING

5. Shoreline Designation: (check all that apply)

Urban Conservancy Shoreline Residential Rural Conservancy
 Natural Aquatic

6. Requested Shoreline Exemption per WAC 173.27.040:

WAC 173.27.040(2)(c) NORMAL MAINTENANCE OF BULKHEAD

Vegetation

7. Will the project result in clearing of tree or shrub canopy?

Yes No

If 'Yes', how much clearing will occur? _____ (square feet and acres)

8. Will the project result in re-vegetation of tree or shrub canopy?

Yes No

If 'Yes', how much re-vegetation will occur? RIPRAP WILL BE INCLUDED (square feet and acres)

Wetlands

9. Will the project result in wetland impacts?

Yes No

If 'Yes', how much wetland will be permanently impacted? _____ (square feet and acres)

10. Will the project result in wetland restoration?

Yes No

If 'Yes', how much wetland will be restored? _____ (square feet and acres)

Impervious Surfaces

11. Will the project result in creation of over 500 square feet of impervious surfaces?

Yes No

If 'Yes', how much impervious surface will be created? NA (square feet and acres)

12. Will the project result in removal of impervious surfaces?

Yes No

If 'Yes', how much impervious surface will be removed? MOVEMENT OF IMPERVIOUS MATERIAL (square feet and acres)

Shoreline Stabilization

13. Will the project result in creation of structural shoreline stabilization structures (revetment/bulkhead/riprap)?

Yes No

If 'Yes', what is the net linear feet of stabilization structures that will be created? _____

WILL NOT BE CREATED, BUT MAINTAINED/RESTORED - APPROXIMATELY 40' PER SITE PLAN.

14. Will the project result in removal of structural shoreline stabilization structures (revetment/bulkhead/riprap)?

Yes No

If 'Yes', what is the net linear feet of stabilization structures that will be removed? MOVEMENT OF MATERIAL

Levees/Dikes

15. Will the project result in creation, removal, or relocation (setting back) of levees/dikes?

Yes No

If 'Yes', what is the net linear feet of levees/dikes that will be created? _____

If 'Yes', what is the net linear feet of levees/dikes that will be permanently removed? _____

If 'Yes', what is the linear feet of levees/dikes that will be reconstructed at a location further from the OHWM? _____

Floodplain Development

16. Will the project result in development within the floodplain? (check one)

Yes No

If 'Yes', what is the net square feet of structures to be constructed in the floodplain? _____

*Note: A floodplain development is required per KCC 14.08; please contact Kittitas County Public Works

THERE WILL BE NO STRUCTURES WILL BE CONSTRUCTED. NEW BLOCKS OF ROCK & RIPRAP WILL BE BROUGHT TO THE SITE TO REPAIR DAMAGED SHORELINE

17. Will the project result in removal of existing structures within the floodplain? (check one)

Yes No

If 'Yes', what is the net square footage of structures to be removed from the floodplain? _____

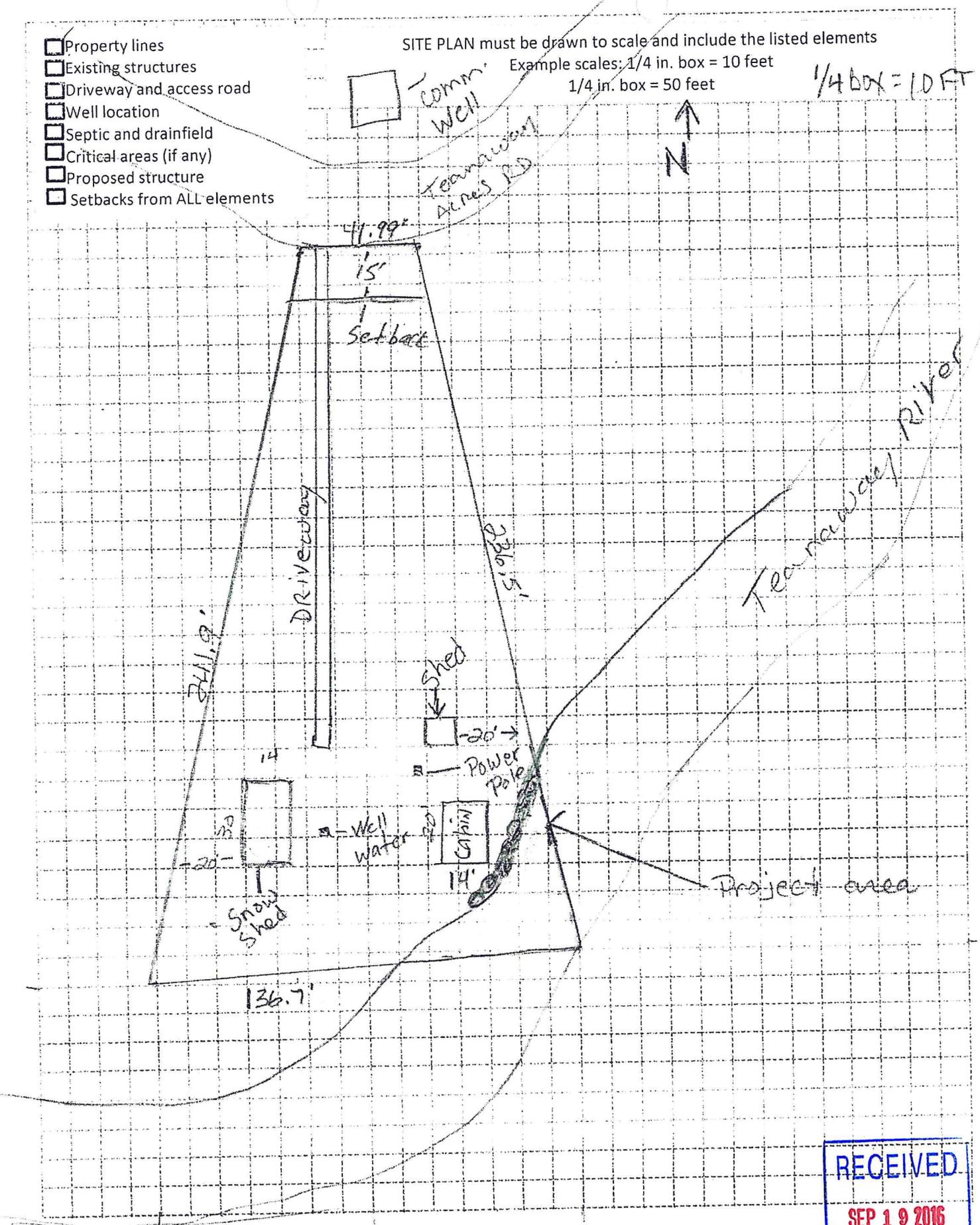
- Property lines
- Existing structures
- Driveway and access road
- Well location
- Septic and drainfield
- Critical areas (if any)
- Proposed structure
- Setbacks from ALL elements

SITE PLAN must be drawn to scale and include the listed elements

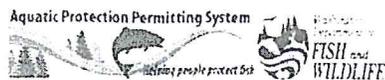
Example scales: 1/4 in. box = 10 feet

1/4 in. box = 50 feet

1/4 BOX = 10 FT



RECEIVED
 SEP 19 2016
 KITTITAS COUNTY
 CDS



Application ID **7491** Project Name **Standard Hydraulic Project**
 Submitted Date **7/21/2016 3:21:42 PM** Submitted by **Ronald Henning**
6029 Hawthorne Ter NE
Tacoma WA 98422-1200
2539250285
r_henning@hotmail.com

Print
 Next

Status

Application Information

Application Type Standard Expedited

WDFW does not accept online applications for emergency HPAs. During normal business hours please call the Habitat Biologist for your project location to request a verbal HPA. You can identify the biologist at the following website: <http://wdfw.wa.gov/conservation/habitat/ahb/>. After normal business hours, please call the Emergency HPA Hotline at (360) 902-2537. If you wish to continue with the online application process, please choose either the Standard or Expedited application type.

- **Standard:** You should apply for a standard HPA if you do not qualify for an expedited or emergency HPA. The majority of hydraulic projects qualify only for a standard HPA.
- **Expedited:** You may apply for an expedited HPA if there is an official declaration by the county legislative authority or the Department of Fish and Wildlife of a threat by weather, water flow, or other natural conditions that is likely to occur within sixty days of a request for a permit application. Expedited work may only be for work to remove any obstructions, repair existing structures, restore banks, protect fish resources, or protect property. The Department of Fish and Wildlife may also issue expedited HPAs where normal permit processing would result in significant hardship for the applicant or unacceptable damage to the environment.
- **Emergency:** You may apply for an emergency HPA if there is an official declaration by the Governor, the county legislative authority, or the Department of Fish and Wildlife of an immediate threat to life, the public, property, or of environmental degradation. Emergency work may only be for a stream crossing, or work to remove any obstructions, repair existing structures, restore streambanks, protect fish life, or protect property threatened by the stream or a change in the stream flow.

Additional Options (select only if they apply to your application):

I am applying for a Pre-application.

You would request the Pre-Application process if:

1. You need to find out if an HPA permit is needed for your project, or
2. You want assistance from a biologist to discuss project details before submitting a complete application. WDFW strongly recommends using the pre-application process as a means to reduce application processing time, increase your understanding of the permit process, and to discuss options/alternatives for your project.

I am applying for a General HPA.

You may apply for a General HPA if all 3 requirements below apply:

1. You want to perform numerous, relatively simple projects anywhere in multiple water bodies
2. The water bodies cover a large geographic area
3. The projects have little or no variability in site conditions or work performed

Site Description:

Repair of existing bridge on bridge over the Elgin River. Project includes work for a bridge, bridge approach, and bridge abutment. The project is located on the Elgin River.

Are you applying for a long-term HPA for agricultural irrigation or stock watering purposes under RCW 77.55.021 (9)(c)? Yes No

Project Identification

Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development)

Project Type(s) (check all that apply)

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Aquatic Plant Control | <input checked="" type="checkbox"/> Bank Protection | <input type="checkbox"/> Barge Landing |
| <input type="checkbox"/> Boat Access | <input type="checkbox"/> Buoy | <input type="checkbox"/> Channel Change/Realignment |
| <input type="checkbox"/> Diversion Structure | <input type="checkbox"/> Dredging | <input type="checkbox"/> Fish Trap or Diversion Weir |
| <input type="checkbox"/> Fishways | <input type="checkbox"/> Foot Access - beach stairs, cable car, etc | <input type="checkbox"/> Garbage and Debris Removal |
| <input type="checkbox"/> Gravel Extraction | <input type="checkbox"/> Habitat | <input type="checkbox"/> Logging |
| <input type="checkbox"/> Outfall structure | <input type="checkbox"/> Overwater Structure | <input type="checkbox"/> Shoreline Armoring - Marine |
| <input type="checkbox"/> Utility Crossing | <input type="checkbox"/> Water Crossing Structure | <input type="checkbox"/> Water Surface Control |
| <input type="checkbox"/> Other | | |

- Beaver Dam Modification
- Mineral Prospecting
- Scientific Instruments
- Dock Maintenance/Repair
- Repositioning or Removal of Large Wood
- Trenchless Conduit (Utility) Crossing
- Fish Screen Maintenance or Replacement
- Road Maintenance Work



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Applicant

Business Name (if applicable)

First Name	Middle Name	Last Name
Address 1	Address 2	
City	State/Province	Zip Code (12345 or 12345-1234)
		Country
Primary Phone No (555-555-5555 Ext.)	Mobile Phone No (555-555-5555)	Fax (555-555-5555)
Email		

Check here if you have made corrections to your contact information above and wish to apply these changes to your user profile

Applicant Account Type

- Please select one applicant account type
- Agriculture – Business
 - Agriculture – Individual
 - Agriculture – Irrigation, Drainage or Other District
 - Commercial or Industrial (non-agriculture)
 - Forestry
 - Government – City
 - Government – County
 - Government – Federal
 - Government – Ports
 - Government – State
 - Government – Tribal
 - Non-Profit Group
 - Single or Multiple Private Individuals

Authorized Agent or Contact

Person authorized to represent the applicant about the project.

If you are an authorized agent applying for an applicant, your contact information must be included in this section of the application. WDFW will not accept applications in which a registered user submits an application but their contact information does not appear in the applicant and/or authorized agent section. If you are an authorized agent, you will be required to upload an attachment to document the applicant's consent; attachment must have applicant's and agent's signatures. To download a copy of the document [click here](#).

No agent will be acting on behalf of the Applicant

Business Name (if applicable)

First Name	Middle Name	Last Name
Address 1	Address 2	
City	State/Province	Zip Code (12345 or 12345-1234)
		Country



Application ID **7491** Project Name **Standard Hydraulic Project**
 Submitted Date **7/21/2016 3:21:42 PM** Submitted by: **Ronald Henning**
6029 Hawthorne Ter NE
Tacoma WA 98422-1200
2539250285
r_henning@hotmail.com

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Status

Project Location

1 of 1 item(s)

Edit	Delete	Site Name	Address 1	City	State	Zip	County	Latitude	Longitude
		Teaaway River	450 Teaaway Acres Rd	Cle Elum	WA	98922-8336	Kittitas	47.18063	-120.82762

[Add Project Location](#)

Project Description

Will you be operating equipment in water? Yes No

Type of equipment used

Equipment used by the project proponent within the project boundary. Equipment used by the contractor for the project is not included in this field.

Summarize the overall project.

Provide a brief summary of the project, including the purpose, location, and any other relevant information. This information will be used to provide a general overview of the project to the public.

Describe how you plan to construct each project element. Include specific construction methods and equipment to be used.

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year flood plain.

Provide a detailed description of the construction methods and equipment to be used for each project element. This information will be used to provide a detailed overview of the project to the public.

Provide a detailed description of the construction methods and equipment to be used for each project element. This information will be used to provide a detailed overview of the project to the public.

Standard A standard HPA is valid for a maximum of 5 years. Please propose an end date that does not exceed 5 years from your requested start date.

Requested Project Start Date

Requested Project End Date

Will your project be conducted in multiple phases? Yes No



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Status

Waterbodies (other than wetlands): Impacts and Mitigation

"waterbodies" refers to non-wetland waterbodies.

Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment.

Not applicable

Construction of the project will consist of... (faded text describing project details)

Will your project impact a waterbody or the area around a waterbody?

Yes No

Describe how your project will impact a waterbody or the area around a waterbody.

Project will consist of... (faded text describing project impacts)

Describe impact(s) that cannot be avoided through project design and implementation. For each location, please include the following:

- General location description where the impact(s) will occur (e.g. stream bank, beach front, 2-foot strip from bank, portion of gravel bar, etc.)
- Provide length, quantities, and/or area of impact

Project will impact... (faded text describing impact details)

Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies?

- If yes, submit the mitigation plan in Attachments section of this application
- If No, or Not applicable, explain below why a mitigation plan should not be required.

Yes No Not applicable

Describe the source and nature of any fill material; amount (in cubic yards) you will use, and how and where it will be placed into the waterbody.

Project will consist of... (faded text describing fill material)

Describe the source and nature of any fill material; amount (in cubic yards) you will use, and how and where it will be placed into the waterbody.

Project will consist of... (faded text describing fill material)

For all excavating or dredging activities, describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed.

Project will consist of... (faded text describing excavation/dredging)



Application ID: **7491** Project Name: **Standard Hydraulic Project**

Submitted Date: **7/21/2016 3:21:42 PM** Submitted by: **Ronald Henning**
6029 Hawthorne Ter NE
Tacoma WA 98422-1200
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Status:

SEPA Compliance

Compliance with the State Environmental Policy Act (SEPA):

- For more information about SEPA, go to www.ecy.wa.gov/programs/sea/sepa/e-review.html

SEPA review is complete. I will upload, mail, or deliver a copy of the SEPA determination letter as part of this application.

- A SEPA determination is pending.

SEPA determination is pending with [SEPA Determination Exemption](#)

Expected date for SEPA determination is [7/21/2016](#)

This project is exempt. I will upload, mail, or deliver a draft of the SEPA Letter of Exemption as part of this application.

Application Fee Exemption

Unless your project qualifies for one of the exemptions or alternative payment methods below, your application is subject to a \$150 application fee.

Please select the appropriate exemption category below:

WDFW is under written contract with non-WDFW applicant agency or business to provide HPA permitting services without individual application fee requirements.

Project occurs on farm and agricultural land

(Attach a copy of current land use classification recorded with the county auditor, or other proof of current land use.)

Project is a modification of an existing HPA originally applied for, prior to July 10, 2012.

Project is a cooperative fish or wildlife project that will be conducted by a volunteer group as defined in RCW 77.100.020 under agreement with the department.

- Do not qualify for an application fee exemption

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(Last modified: Times: 2014-08-19 02:58 PM)



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
SEATTLE DISTRICT, CORPS OF ENGINEERS
P.O. BOX 3755
SEATTLE, WASHINGTON 98124-3755

Regulatory Branch

September 1, 2016

Mr. Ronald R. Henning
6029 Hawthorne Ter NE
Tacoma, Washington 98422-1200

Reference: NWS-2016-809
Henning, Ronald Ray
(Bank Repair)

Dear Mr. Henning:

We have received your application for a Department of the Army (DA) permit to replace riprap that was washed away during two flood events in 2015 and 2016 in the Teanaway River, near Ellensburg, Kittitas County, Washington. Regulations and guidelines implementing our regulatory program under Section 404 of the Clean Water Act (Section 404) generally require that you obtain a permit prior to discharging dredged or fill material into waters of the U.S., including wetlands. For more information, see the enclosed *Clean Water Act Extracts and Definitions*. However, certain discharges are exempt from regulation under the Clean Water Act.

Federal Regulation 33 CFR 323.4(a)(2) states that the maintenance, including emergency reconstruction of recently damaged parts, of currently serviceable structures such as dikes, dams, levees, groins, riprap, breakwaters, causeways, bridge abutments or approaches, and transportation structures generally does not require a DA permit. Maintenance does not include any modification that changes the character, scope or size of the original fill design. Emergency reconstruction must occur within a reasonable period of time after damage occurs in order to qualify for this exemption.

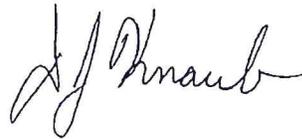
In addition to the above requirements, the discharge of dredged or fill material must meet two additional requirements to qualify for an exemption: (1) the discharged material may not contain a toxic pollutant listed under Section 307 of the Clean Water Act and (2) the discharge may not convert an area of waters of the U.S. to a use to which it was not previously subject where the flow, circulation, or reach is impaired or reduced. Please contact us for a DA permit if your proposal does not meet these requirements.

Based on the information you provided, the discharge of dredged or fill material included in your proposal qualifies under the above described exemption in our regulations and, therefore, does not require a Section 404 DA permit. The Corps also regulates work in navigable waters of

the U.S. under Section 10 of the Rivers and Harbors Act. However, since the proposed work would not occur in a navigable water of the U.S., it will not require a Section 10 DA permit.

While a DA permit is not required for your proposal, local, state, and other federal requirements may apply. For assistance in determining other permit requirements for the proposed project, we recommend you contact the Washington State Office of Regulatory Assistance via the internet at www.ora.wa.gov. If you have any questions, please contact Ms. Debbie Knaub at deborah.j.knaub@usace.army.mil or by phone at (206) 258-1371.

Sincerely,

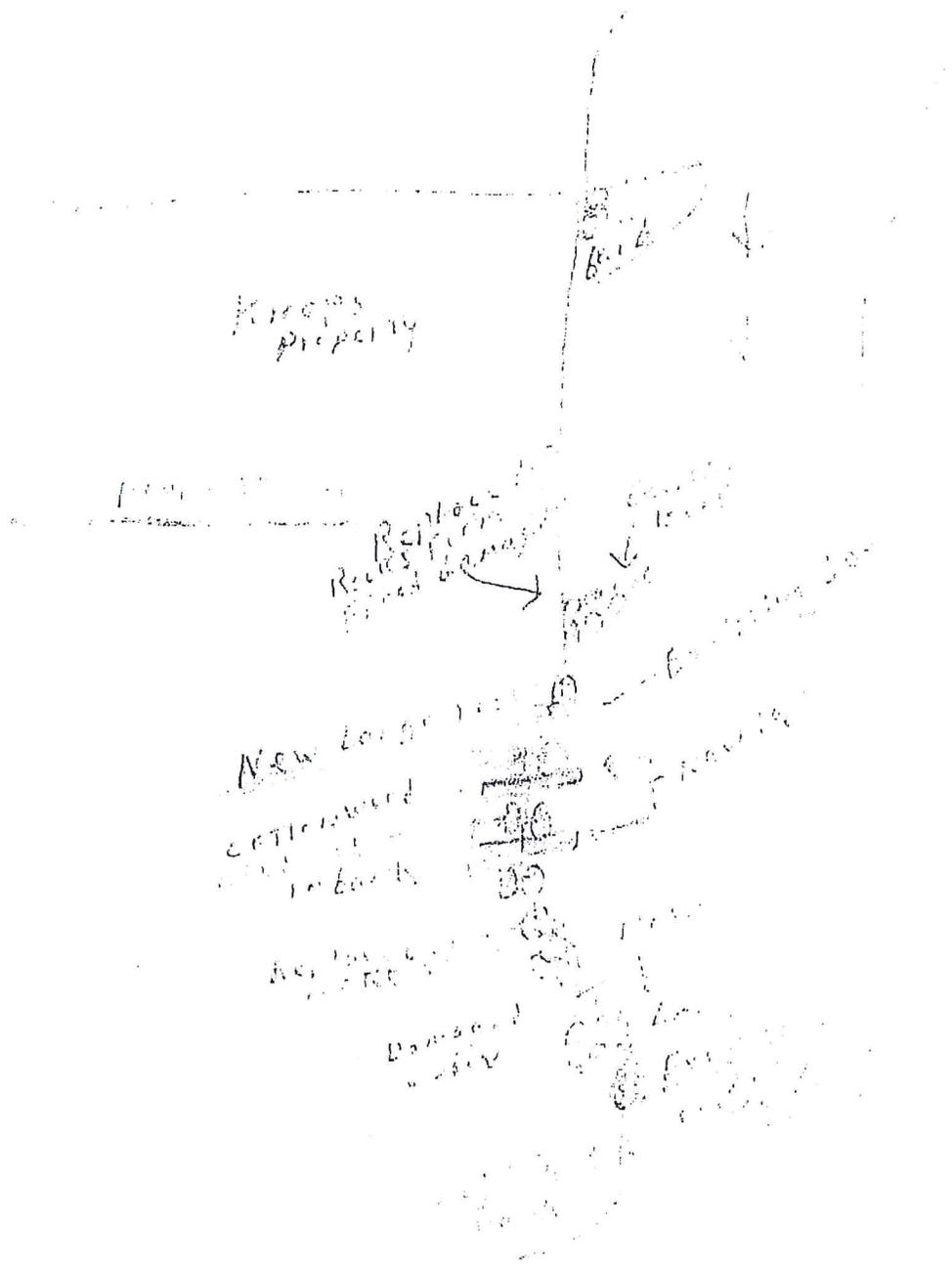
A handwritten signature in black ink, appearing to read "J. Printz". The signature is fluid and cursive, with the first letter of the first name being a large, stylized capital letter.

Jacalen Printz, Section Chief
Regulatory Branch

Enclosures

209
Henning Cabin Bank

Henning cabin bank protection site plan from 2009 post-flood repair HPA file



NWS-2016-809

Site Map - Henning & Kinross Property

Teonaway
Teonaway

Henning Kinross Development
er

Henning cabin bank protection site plan from 1999 HPA, installation of rootwads and planting of the bank also part of project

Existing bank
Robert Kinross

Toilet

Shed

Shed

Existing Bank

Building

Existing Building
Pat Henning
Ken Henning

New Bank

Teonaway River

New Bank

New Bank

200 FT

200 FT

200 FT

15'

10'

10'

15'

NWS-2016-809

Bank

Henning

city

city

WASHINGTON STATE

Standard Hydraulic Project

AGENCY USE ONLY

Date Received: 2016-07-21

Application ID :7491

Online Submission

Application Fee or Document not submitted



01. Application Information

*** Application Type:**

Standard

*** I am applying for a General HPA.**

Yes

*** Site Description:**

Bank Protection- Replace large angular rock lost from existing riprap and bank barbs, install large woody debris, plant trees and shrubs.

*** Are you applying for a long-term HPA for agricultural irrigation or stock watering purposes under RCW 77.55.021 (9)(c)?**

No

02. Project Identification

*** Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development)**

Teanaway River Project

*** NonSimplified Project Type(s) (check all that apply):**

Bank Protection

03. Applicant

*** First Name**

Ronald

*** Middle Name**

Ray

*** Last Name**

Henning

*** Address 1**

6029 Hawthorne Ter NE

*** City**

Tacoma

*** State/Province**

WA

*** Zip Code (12345 or 12345-1234)**

98422-1200

*** Country**

United States

*** Primary Phone No (555-555-5555 Ext.)**

2539250285

*** Mobile Phone No (555-555-5555)**

2064591943

*** Email**

r_henning@hotmail.com

04. Applicant Account
Type

*** Please select one applicant account type**

Single or Multiple Private Individuals

05. Authorized Agent or
Contact

*** No agent will be acting on behalf of the Applicant**

Yes

*** First Name**

Ronald

*** Middle Name**

Ray

*** Last Name**

Henning

*** Address 1**

6029 Hawthorne Ter NE

*** City**

Tacoma

*** State/Province**

WA

*** Zip Code (12345 or 12345-1234)**

98422-1200

*** Country**

United States

*** Primary Phone No (555-555-5555 Ext.)**

2539250285

*** Mobile Phone No (555-555-5555)**

2064591943

*** Email**

r_henning@hotmail.com

06. Property Owner(s)

*** Check here if Property Owner is the same as Applicant**

Yes

*** First Name**

Ronald

*** Middle Name**

Ray

*** Last Name**

Henning

*** Address 1**

6029 Hawthorne Ter NE

*** City**

Tacoma

*** State/Province**

WA

*** Zip Code (12345 or 12345-1234)**

98422-1200

*** Country**

United States

*** Primary Phone No (555-555-5555 Ext.)**

2539250285

*** Mobile Phone No (555-555-5555)**

2064591943

*** Email**

r_henning@hotmail.com

07. Project Location

*** Location**

Site Name: Teanaway River

Work Start Date: Work End Date:

Address: 450 Teanaway Acres Rd, Cle Elum, Kittitas, WA 98922-8336, United States

Latitude: 47.18063 Longitude: -120.82762

Township: 20 N Range: 16 E Section: 34 Quarter Section:

WRIA: 39 Stream Number: 1236 Stream Name: Teanaway River (lb)

Parcel No: 100 Year Flood: Yes

Drive Direction:

08. Project Description

*** Will you be operating equipment in water?**

Yes

*** Type of equipment used**

Dump truck for hauling large rock and riff raff onto property.

Track hoe with Thumb for strategically placing rock and woody debris from shore.

*** Summarize the overall project.**

Bank protection- Replace large angular rocks lost from existing riprap and bank barbs, install large woody debris and plant trees and shrubs lost from 2015-2016 historic flooding.

*** Describe how you plan to construct each project element. Include specific construction methods and equipment to be used. Identify where each element will occur in relation to the nearest waterbody. Indicate which activities are within the 100-year flood plain.**

1.) Replace large angular rocks with track hoe to repair existing barbs that have been washed way from 100 year flooding levels in 2015-2016.

2.) Bank barbs shall be restored to approximately their pre-flood dimensions Add additional boulders to barb adjacent to cabin to provide better flood flow transition around cabin. Work should be done in a manner to minimize discharge or earth and fine sediment to river. Barbs shall be built constructed of large angular rock and woody debris sufficient enough to prevent them from being washed away by 100 year flooding.

3.) Replace rock and woody debris to shoreline in-between barbs lost from previous flooding.

4.) Cuttings of native woody plants adapted to riverbanks (i.e. Black cottonwood, gravel bar willows and Redosier dogwood) should be planted in the keyway of each barb and in-between each barb to the extent practicable. Cuttings will be planted to a depth within the low flow of the water table and above.

5.) Build berm along top of bank to prevent high water from flowing over bank. Plant native plants and grassy plants on top and around berm to root and prevent soil erosion.

6.) Track hoe may need to partially enter water to reach and replace rocks at south east side of cabin that have been lost from record flooding. This will only be done if no other method is applicable.

7.) All earth areas adjacent to water course which will be disturbed by this project shall be seeded with a suitable erosion seed mix and protected from erosion with a weed-free straw mulch or equivalent erosion protection within seven days of project completion.

*** Requested Project Start Date:**

08/14/2016

*** Requested Project End Date:**

09/30/2016

*** Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment.**

Installation of large rock and woody and all shoreline excavation shall be performed from shore line with the exception of the placing of rock on the south east corner of cabin only. This will be used to place only three of four key large boulders to the reinforce the damaged bar that exists currently. Previous attempts from shore only have failed to hold up over the past few years do to the inability to reach key areas from shore. Access shall be done at low water levels and equipment shall be maintained in good working condition such as hydraulic fluid, fuel, lubricants and other harmful chemicals are not leaked into river or its banks or bed, Equipment shall be inspected daily. Servicing of equipment shall be done in an upland area.

*** Will your project impact a waterbody or the area around a waterbody?**

Yes

*** Describe how your project will impact a waterbody or the area around a waterbody.**

Project shall prevent erosion of bank, eliminating dirt and sediment into the river and its beds. Prevent structures and or its contents to enter river and or its beds from flooding. Project will add shade and provide cover for fish, wildlife . It shall provide protection to smaller game, fish and other aquatic organism's. It shall create current blocks and pools for fish and wildlife to rest during high current situations or migration upstream.

*** Describe impact(s) that cannot be avoided through project design and implementation. For each location, please include the following: General location description where the impact(s) will occur (e.g. stream bank, beach front, 2-foot strip from bank, portion of gravel bar, etc.) Provide length, quantities, and/or area of impact**

Track hoe must enter partially into river bed to place a few key boulders to south east corner of cabin. Back hoe will enter just down stream of cabin just below the two large cotton wood trees. Access will be very minimal and shall not have adverse effect to the environment. Aces should be used only to construct the lower bar. Once bar is completed the bank will be brought back to it's original condition. The rest of project shall all be completed from shore.

*** Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies?**

NA

*** Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies?**

No adverse impact shall be realized from project.

*** Describe the source and nature of any fill material, amount (in cubic yards) you will use, and how**

09. Waterbodies (other than wetlands): Impacts and Mitigation

and where it will be placed into the waterbody.

Large boulders riffraff will come from local quarries. Woody debris will also be brought in from local area and plant vegetation will be attended from upland property's.
All rock will be placed individually by track hoe with thumb.

10. SEPA Compliance

*** Compliance with the State Environmental Policy Act (SEPA).**

For more information about SEPA, go to "<http://www.ecy.wa.gov/programs/sea/sepa/e-review.html>"

A SEPA determination is pending.

"SEPA determination is pending with kittitas county, core of engineers"

"Expected date for SEPA determination is 08/05/2016"

11. Application Fee
Exemption

*** Do not qualify for an application fee exemption.**

Yes

Part 11 - Authorizing Signature

Signatures are required before submitting the JARPA package. The JARPA package includes the JARPA form, project plans, photos, etc. [\[help\]](#)

11a. Applicant Signature (required) [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits

I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. _____ (Initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. RRH (Initial) ✓

Ronald Ray Henning

Applicant Printed Name

Ronald Ray Henning
Applicant Signature

07-22-2016
Date

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

Ronald Ray Henning

Authorized Agent Printed Name

Ronald Ray Henning
Authorized Agent Signature

07-22-2016
Date

11c. Property Owner Signature (if not applicant). [\[help\]](#)

Not required if project is on existing rights-of-way or easements.

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

Ronald Ray Henning

Property Owner Printed Name

Ronald Ray Henning
Property Owner Signature

07-22-2016
Date

18 U.S.C. 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ENV-019-09 rev. 09/2015



Address, Name,

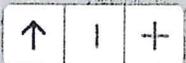
click on

started.

en Data site

Active web

om the



450 TEANAWAY ACRES RD CLE ELUM



Parcel ID:	015285
Map Number:	20-16-24059-0013
Recorded Area:	0.48 a
Owner Name:	HENNING, RONALD ETUX
Name Cont:	N/A
Mailing Address:	6029 HAWTHORNE TERR NE TACOMA, MA
City/State:	TACOMA, MA
Zipcode:	98422
GW Permit Req?:	N/A

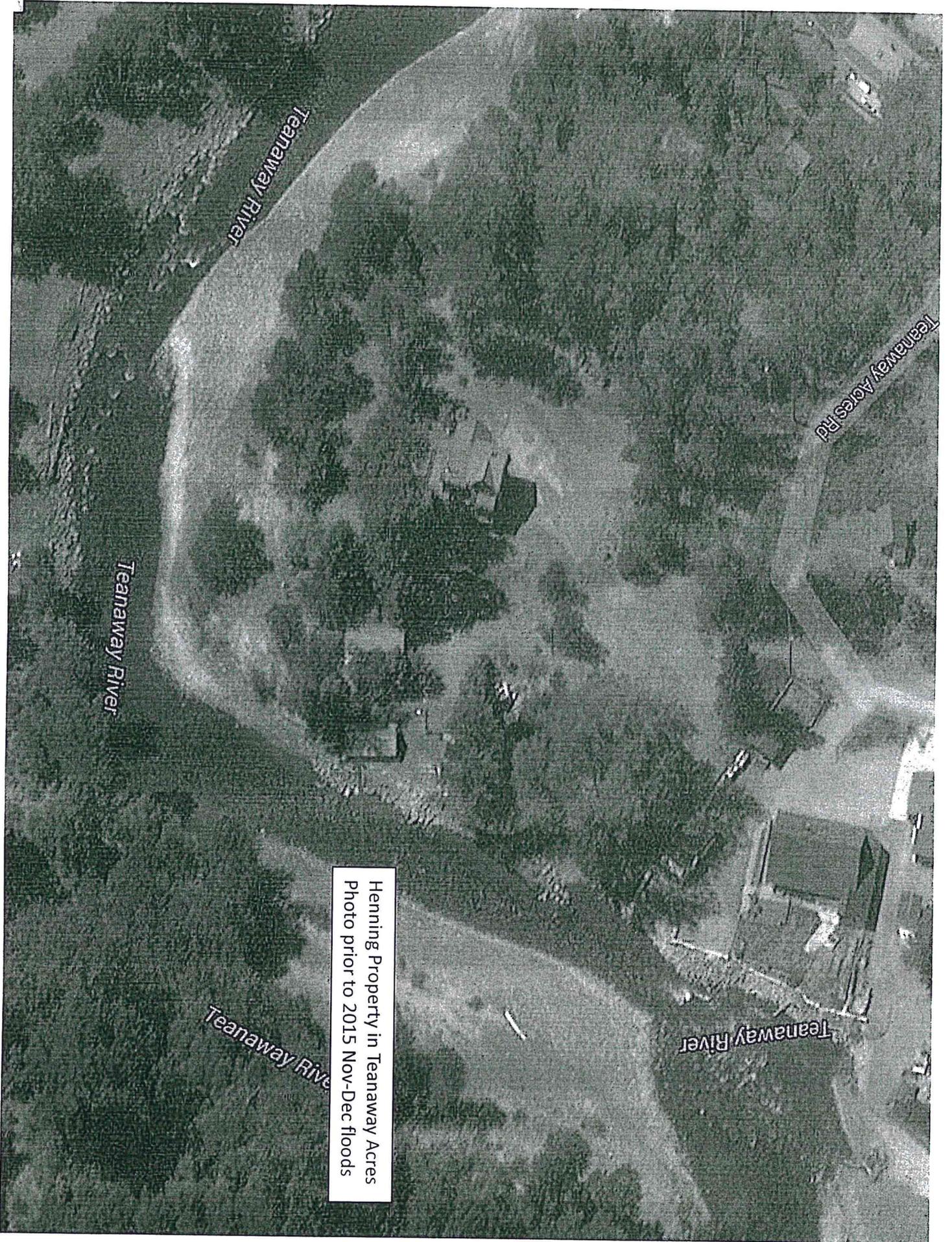
Property

Districts

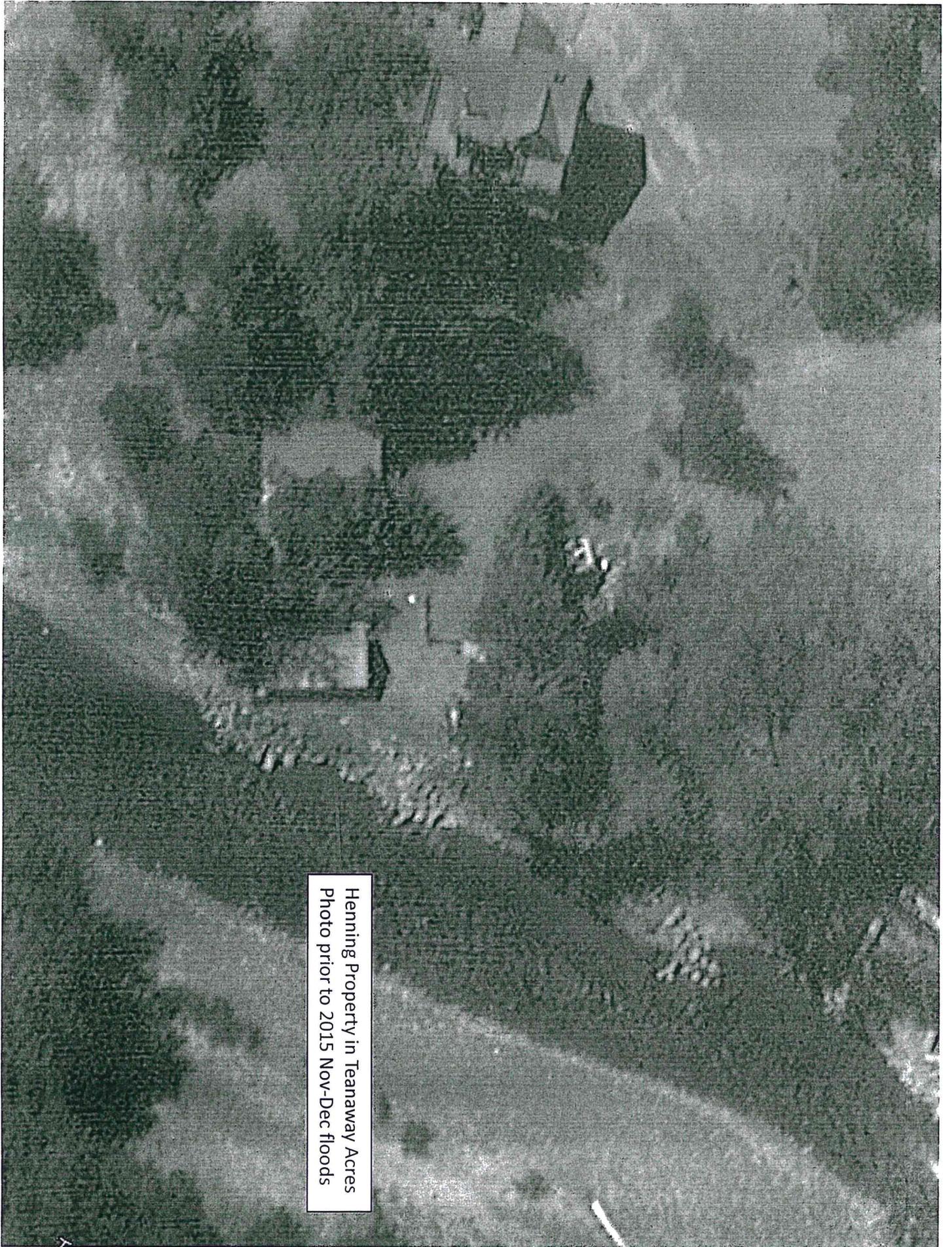
Critical Areas

Henning Property in Teanaway Acres

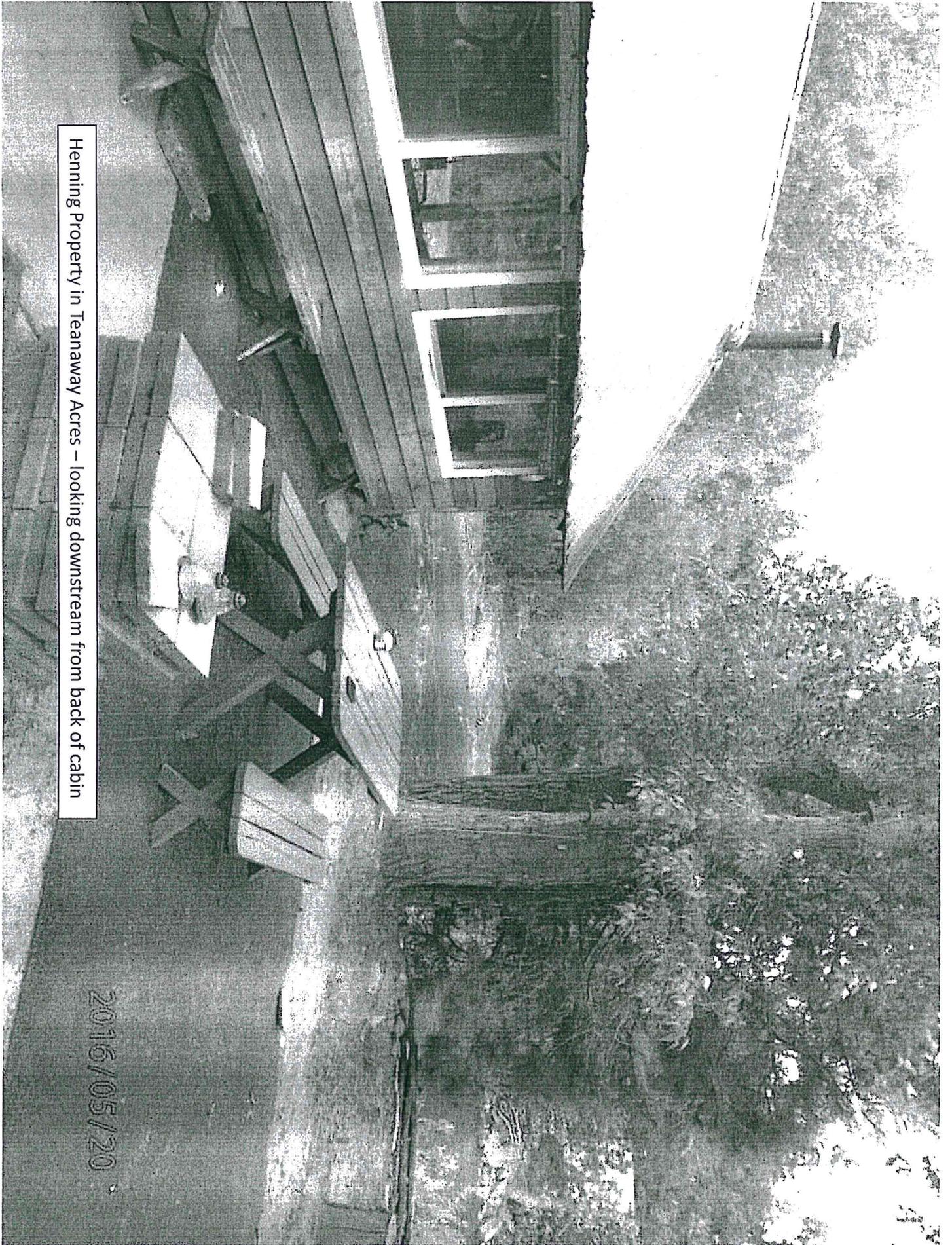




Henning Property in Teanaway Acres
Photo prior to 2015 Nov-Dec floods

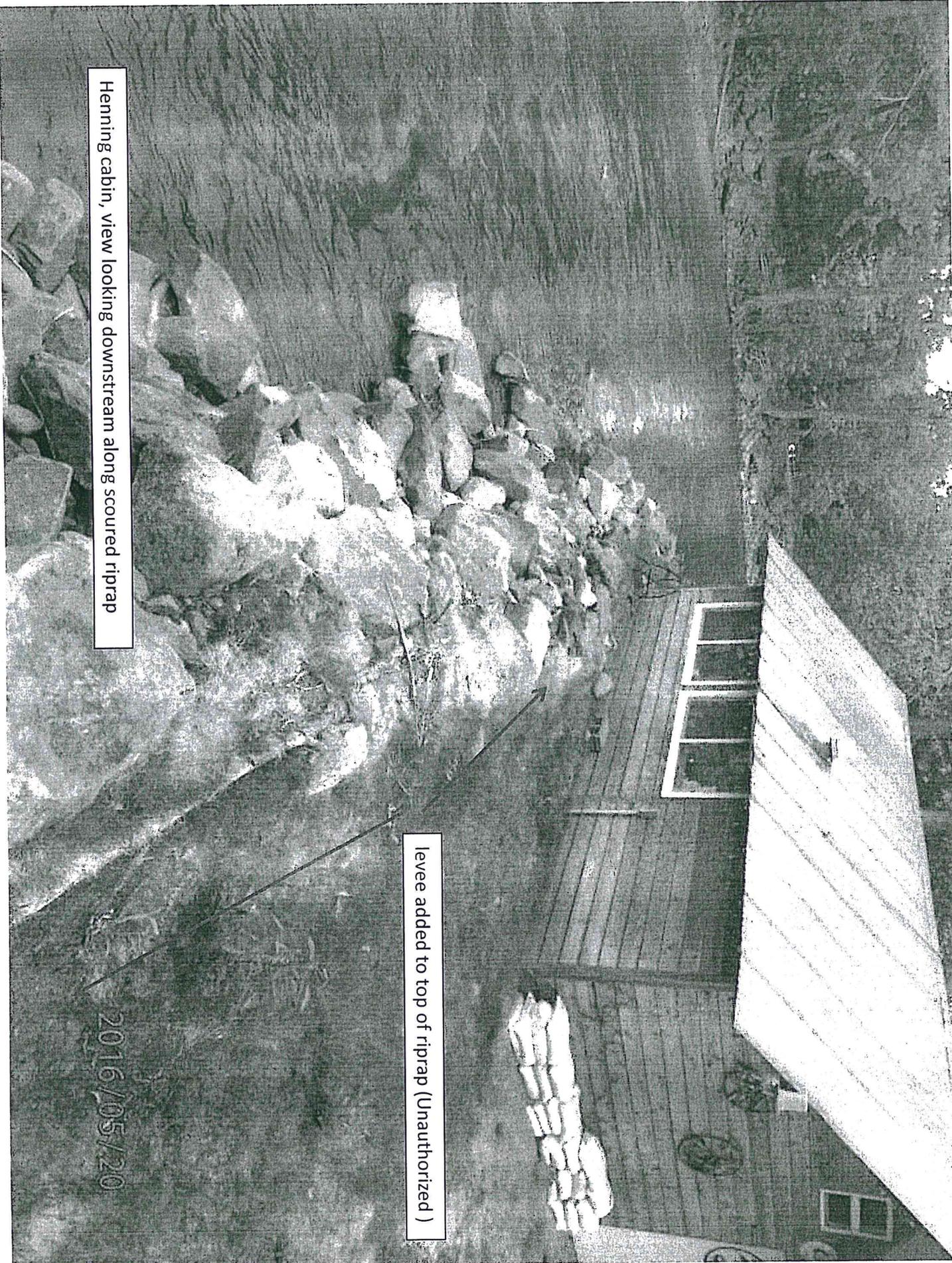


Henning Property in Teanaway Acres
Photo prior to 2015 Nov-Dec floods



Henning Property in Teanaway Acres – looking downstream from back of cabin

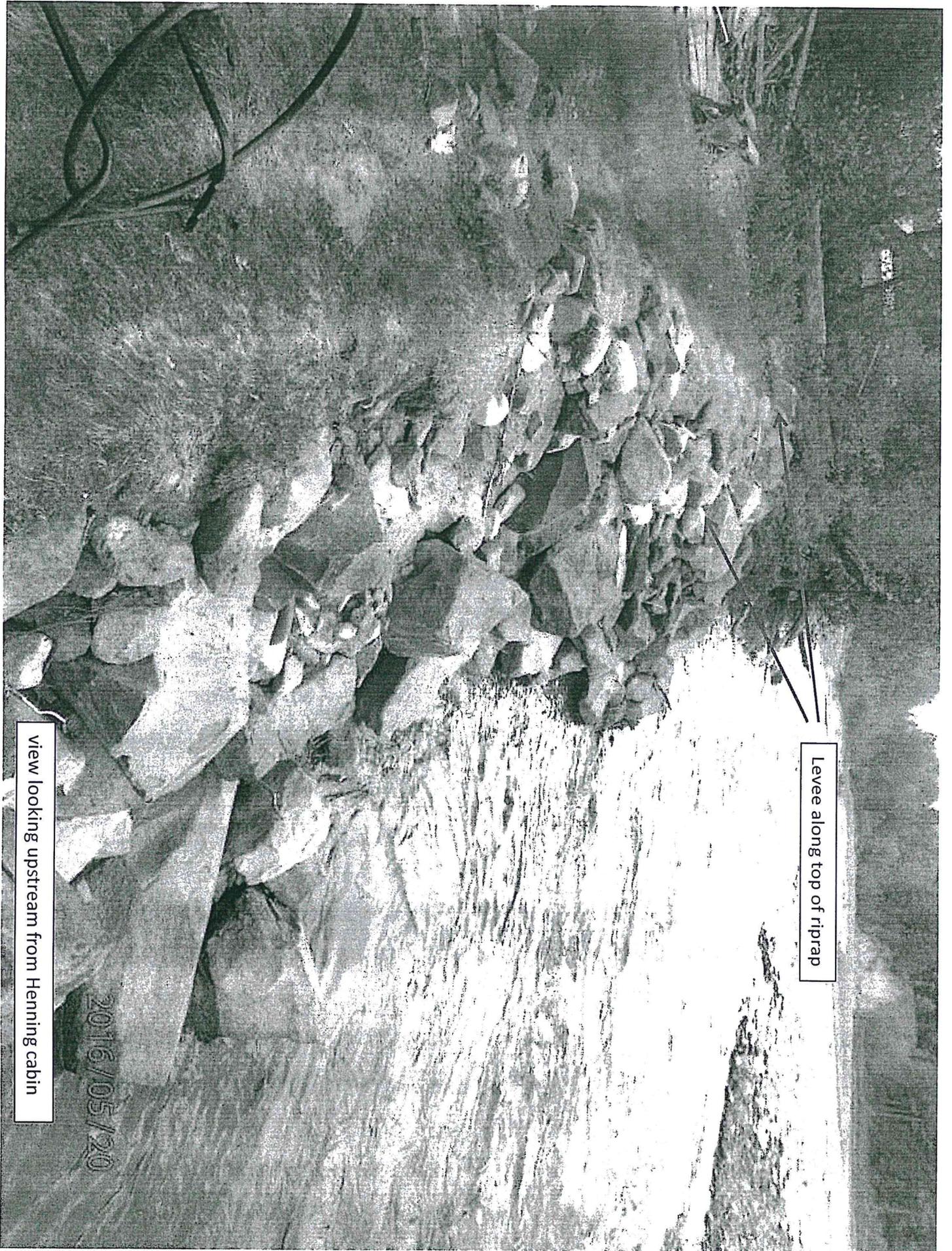
2016/05/20



Henning cabin, view looking downstream along scoured riprap

levee added to top of riprap (Unauthorized)

2016/05/20



Levee along top of riprap

view looking upstream from Henning cabin

2016/05/20



Deep scour pool

Henning cabin, view looking downstream along scoured riprap

2016/05/20



Riprap to be replaced along toe and face

2016/05/20



Riprap to be replaced along toe

2016/05/20



Toe rocks missing, riprap on face unstable

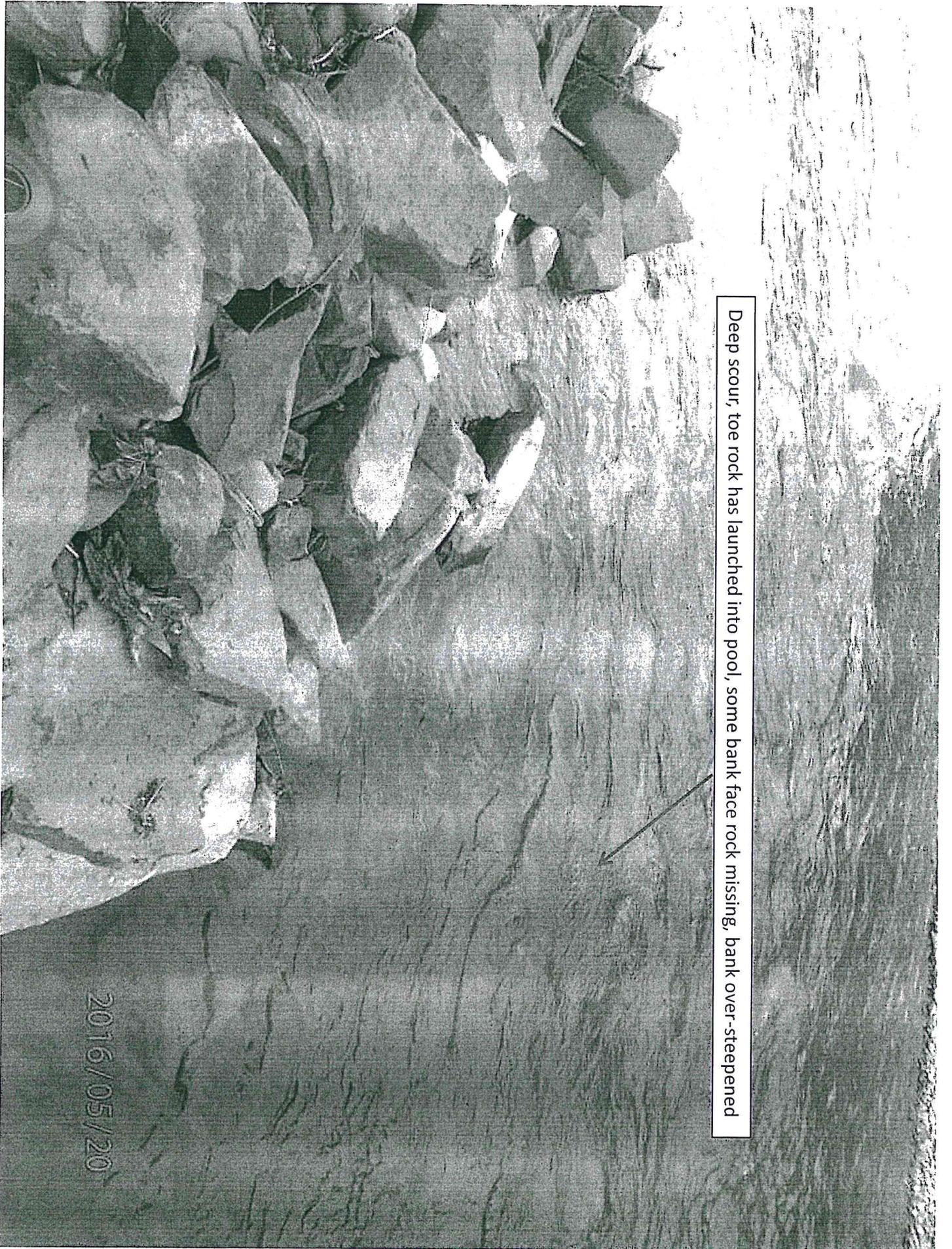
2016/05/20



Deep scour, toe rock has launched into pool

Henning cabin, view looking upstream

2016/05/20



Deep scour, toe rock has launched into pool, some bank face rock missing, bank over-steepened

2016/05/20



Riprap missing from bank face and toe

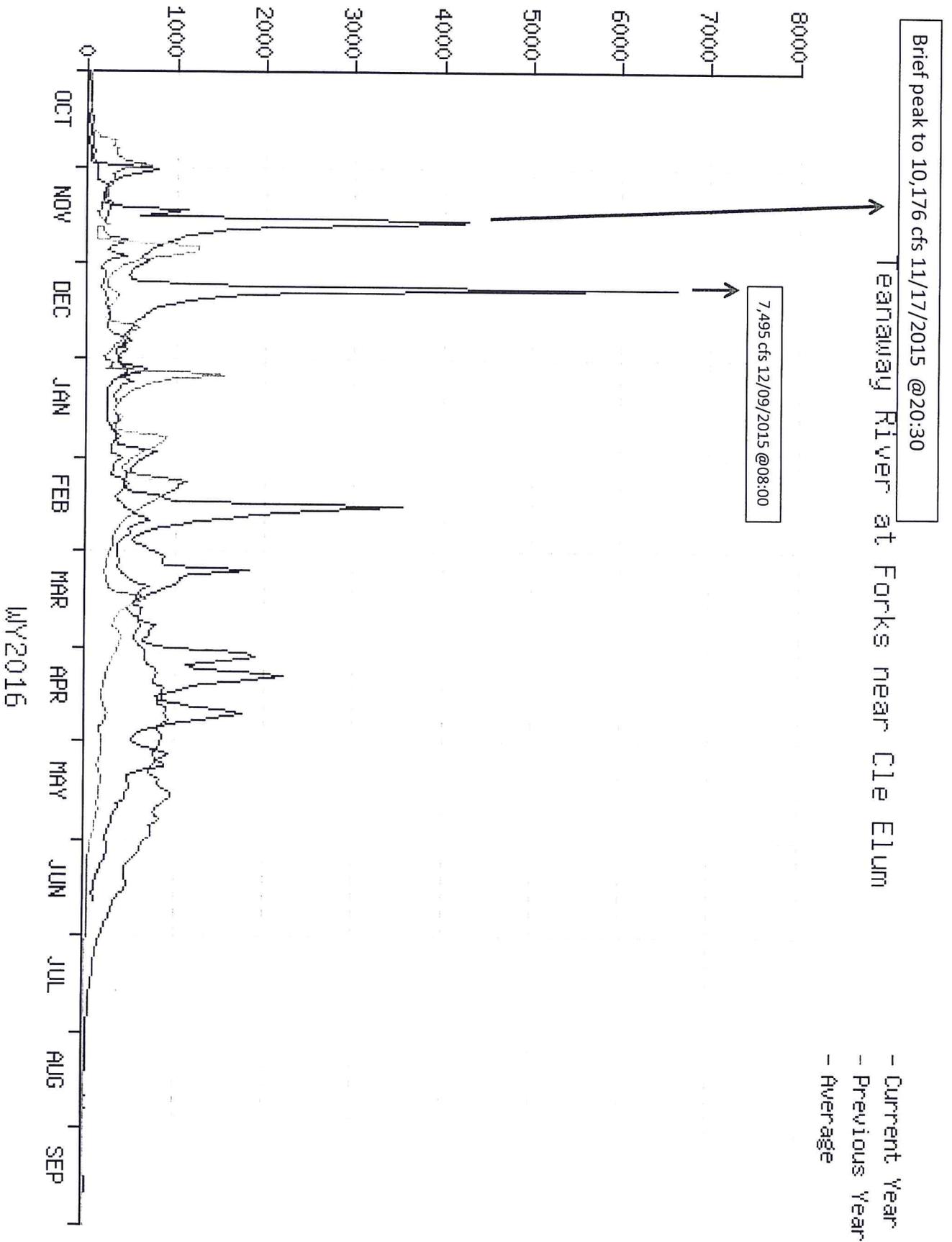


Riprap missing from bank face and toe

2016/05/20

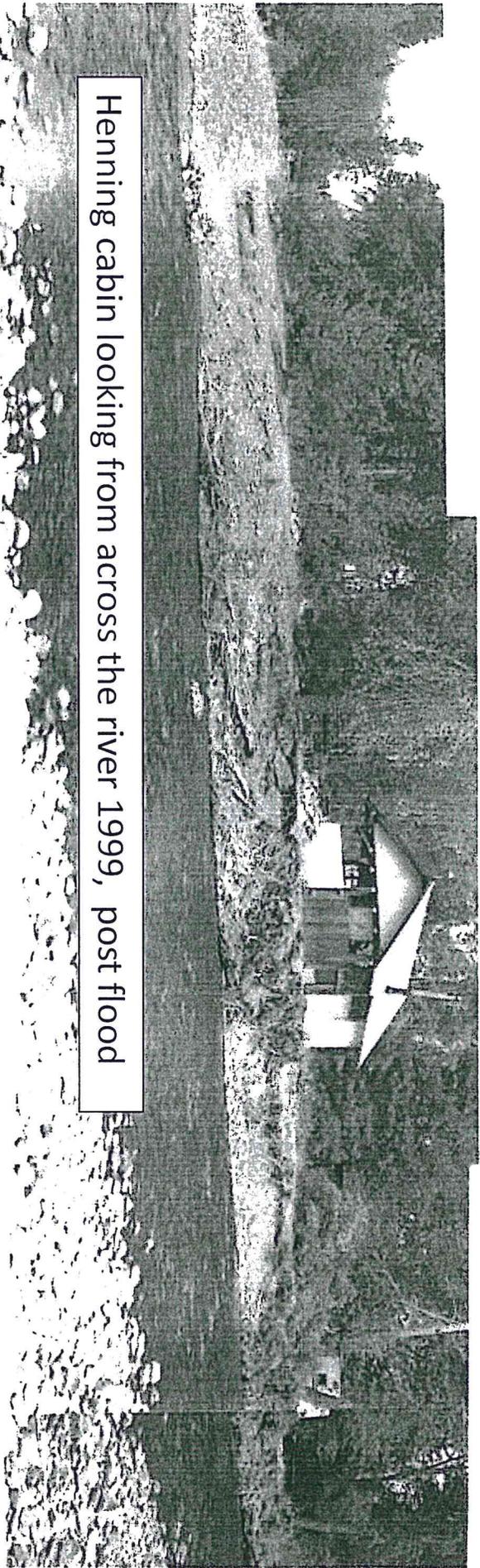


Stream Flow (cubic ft/sec)

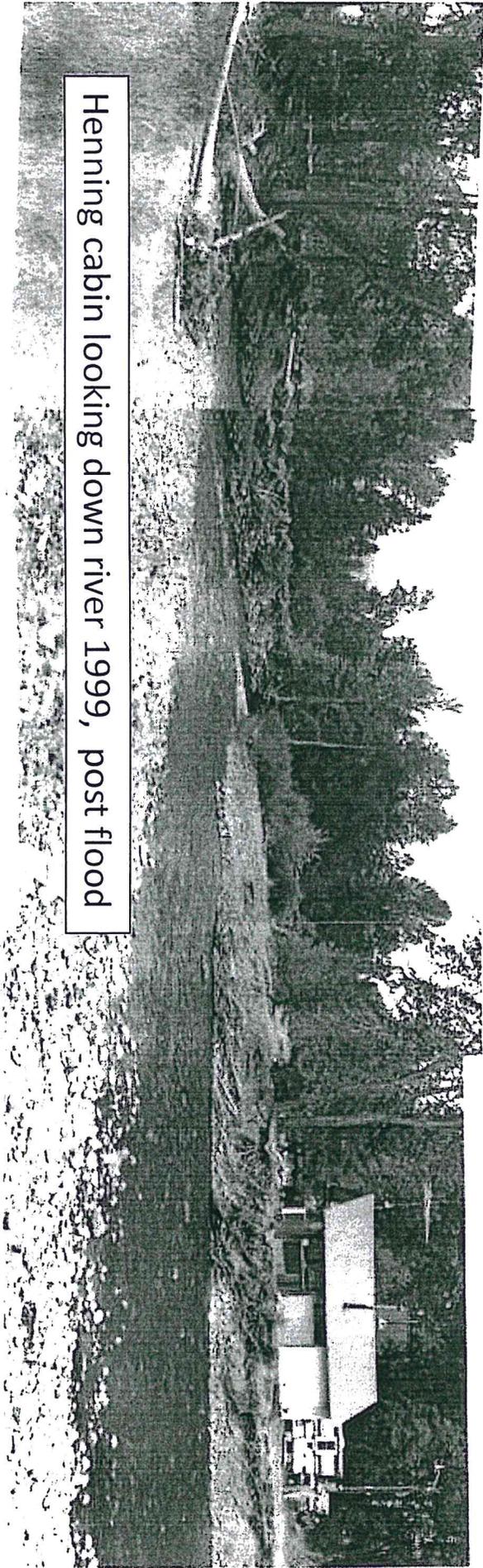




Henning cabin looking down river 1999, post flood

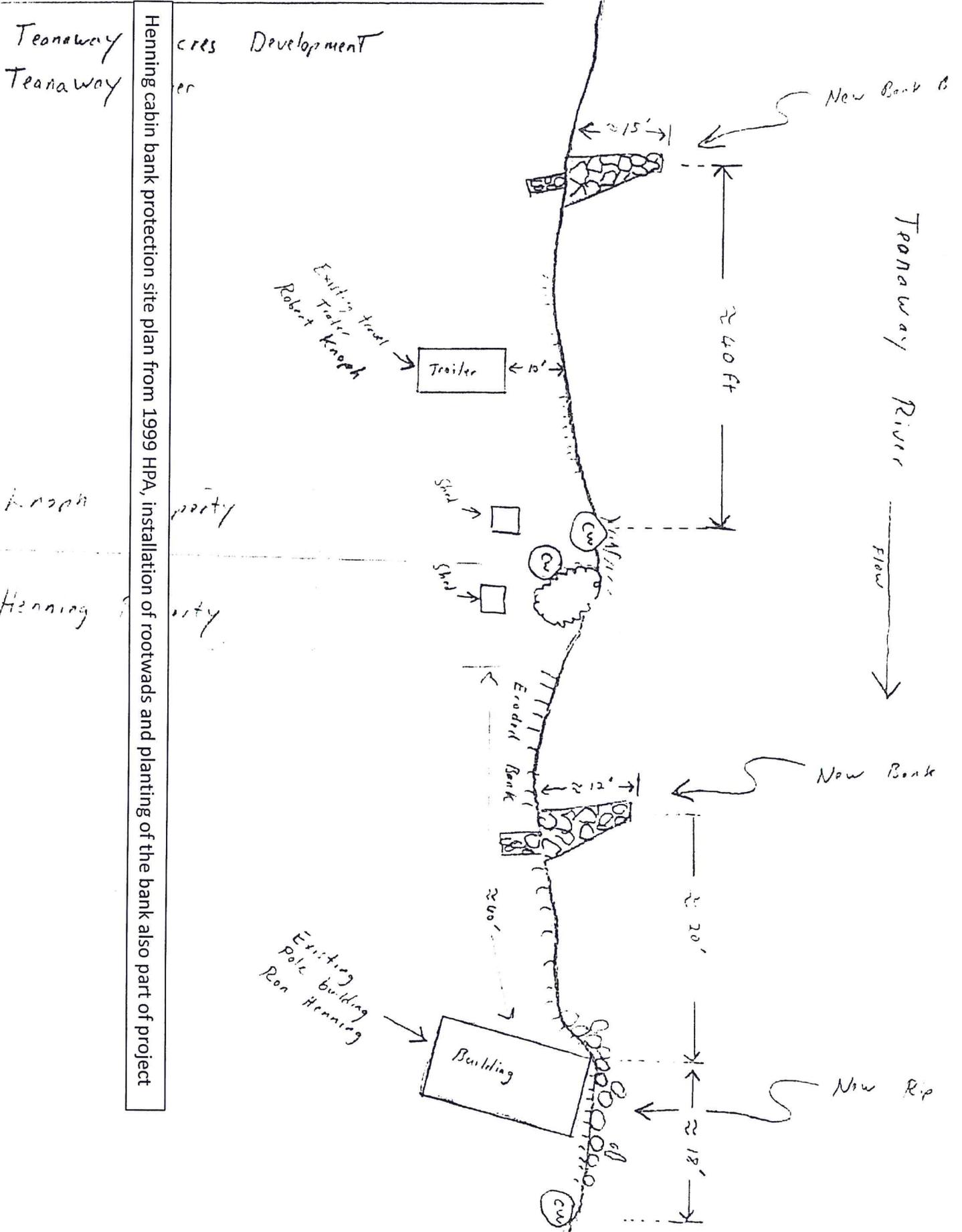


Henning cabin looking from across the river 1999, post flood



Henning cabin looking down river 1999, post flood

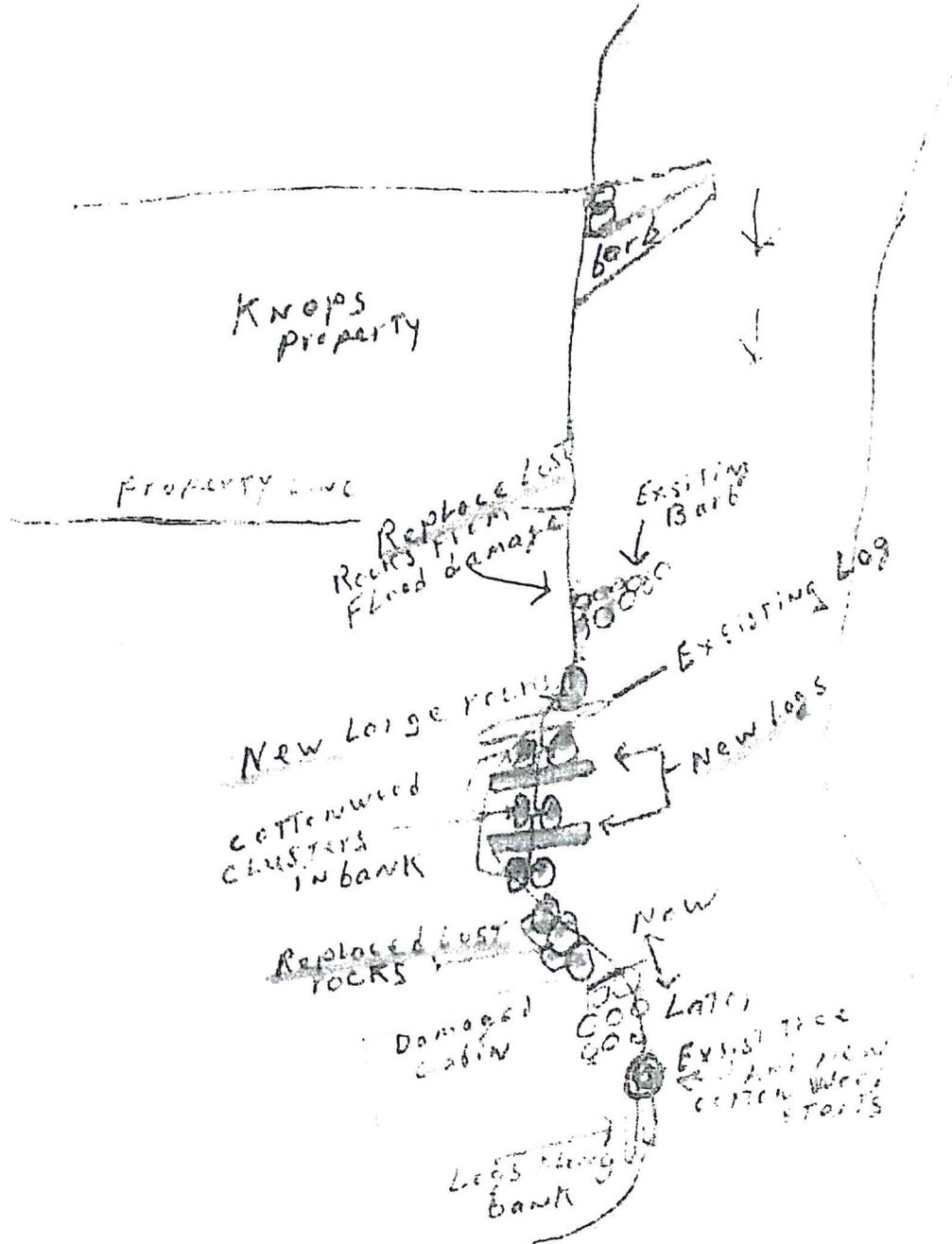
Site Map - Henning & Knopff Properties



2009

Per: Brian Henning

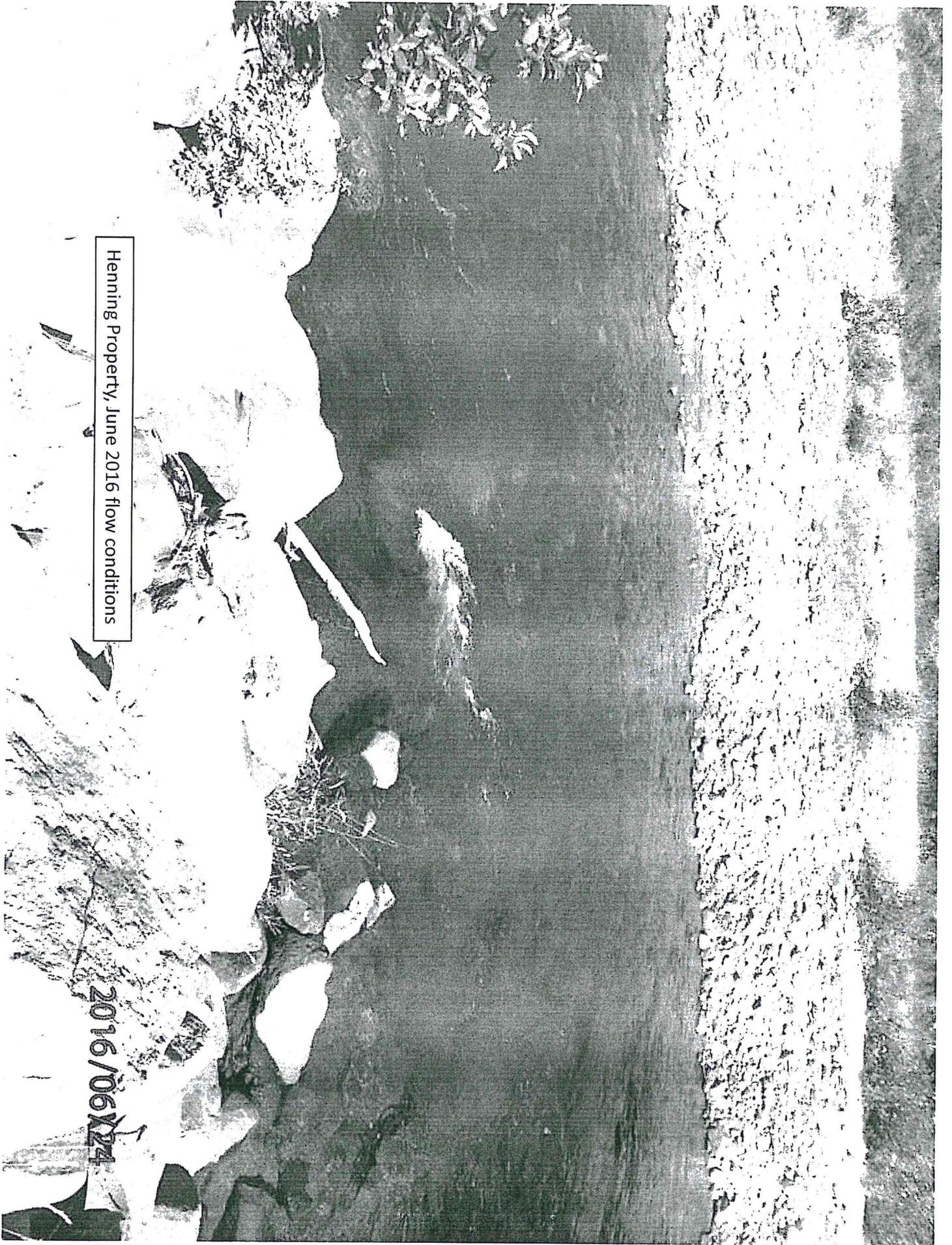
Henning cabin bank protection site plan from 2009 post-flood repair HPA file





Henning Property looking upstream, June 2016 flow conditions

2016/06/24



Henning Property, June 2016 flow conditions

2016/06X24

Henning Property looking upstream, June flow conditions

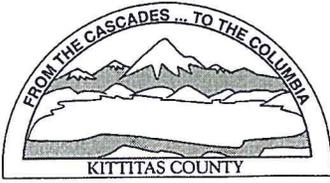
2016/06/24





Henning Property looking upstream, June flow conditions 2016

2016/06/24



KITTITAS COUNTY PERMIT CENTER
411 N. RUBY STREET, ELLENSBURG, WA 98926

RECEIPT NO.: 00031649

COMMUNITY DEVELOPMENT SERVICES
(509) 962-7506

PUBLIC HEALTH DEPARTMENT
(509) 962-7698

DEPARTMENT OF PUBLIC WORKS
(509) 962-7523

Account name: 020374

Date: 9/23/2016

Applicant: HENNING, RONALD ETUX

Type: check # 1533

<u>Permit Number</u>	<u>Fee Description</u>	<u>Amount</u>
SX-16-00021	SHORELINE EXEMPTION	830.00
	Total:	830.00