

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"

November 6, 2009

Encompass Engineering and Surveying
108 East 2nd Street
Cle Elum WA 98922

RE: Transmittal of Comments – Macham Short Plat (SP-09-00017)

Dear Mr. Nelson:

Enclosed are the comments received regarding the Macham Short Plat (SP-09-00017) during the comment period:

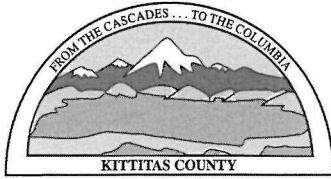
September 21, 2009	Kittitas County Public Health – Form Letter
September 29, 2009	Washington State Department of Transportation – Bill Preston
October 22, 2009	Kittitas County Department of Public Works – Christina Wollman
October 6, 2009	Washington State Department of Ecology – Gwen Clear
October 5, 2009	Kittitas County Public Health – James Rivard

Please review all comments and notify me of any questions. I will be issuing the Conditional Preliminary Approval based on the comments received.

Sincerely,

Jeff Watson
Staff Planner

cc: Sander Macham



KITTITAS COUNTY

DEPARTMENT OF PUBLIC WORKS

MEMORANDUM

TO: Jeff Watson, Community Development Services

FROM: Christina Wollman, Planner II *cw*

DATE: October 22, 2009

SUBJECT: Macham Short Plat SP-09-00017

Our department has reviewed the short plat application and has the following comments:

- “Conditional Preliminary Approval”** is recommended based on the information provided. See below for conditions of preliminary approval:
- “Additional Information Requested”. Prior to continuing the approval process for the submitted development, additional information is requested for analysis.
-

The following shall be conditions of preliminary approval:

1. Timing of Improvements: This application is subject to the latest revision of the Kittitas County Road Standards, dated 9/6/05. The following conditions apply and must be completed prior to the issuance of a building permit for any of the residence within this plat. A Performance Bond or acceptable financial guarantee may be used, in lieu of the required improvements, per the conditions outlined in the current Kittitas County Road Standards.
2. Private Road Certification: Private roads serving any of the lots within this development shall be inspected and certified by a licensed professional engineer for conformance with current Kittitas County Road Standards, 9/6/05 edition. Kittitas County Public Works shall require this road certification to be completed prior to the issuance of a building permit for any of the structures within the proposed plat.
3. Access Lots 2 and 3: The exact location of access to Lots 2 and 3 shall be determined prior to final approval. Access may not be allowed at the location identified on the preliminary short plat. To allow access at the identified location, the applicant shall submit profiles and a drainage report to show there will be no impacts to the slope or drainage associated with construction of the driveway. The profiles and drainage report shall be prepared by an engineer licensed in the state of Washington. The County Engineer will make the final decision after review of these documents.

4. Private Road Improvements: If Lots 2 and 3 are required to be accessed from Mountain Creek Drive, the following road and cul-de-sac improvements shall be required. Mountain Creek Drive, from Ranch Road to the entrance to Lot 4, shall be constructed to meet or exceed the conditions of a High-Density Private Road that serves 15-40 tax parcels. A cul-de-sac or hammerhead turnaround shall be constructed at the entrance to Lot 4. See current Kittitas County Road Standards, 9/6/05 edition.
 - a. Access easements shall be a minimum of 60' wide. The roadway shall have a minimum width of 22', with 1' shoulders, for a total width of 24'.
 - b. Minimum centerline radius shall be 60'.
 - c. Surface requirement BST/ACP.
 - d. Maximum grade is 12%.
 - e. Stopping site distance, reference AASHTO.
 - f. Entering site distance, reference AASHTO.
 - g. Maintenance of driveway approaches shall be the responsibility of the owner whose property they serve. The County will not maintain accesses.
 - h. Any further subdivision or lots to be served by proposed access may result in further access requirements.
 - i. All roads located within this development or roads that provide access to this development shall be constructed to current county road standards unless any other maintenance agreements, forest service road easements or state easements require higher road standards. The higher of the road standards shall apply.
 - j. All easements shall provide for AASHTO radius at the intersection with a county road.
 - k. A paved apron shall be constructed at the intersection of the proposed private intersection and the county road right-of-way.
5. Cul-de-Sac: A hammerhead or cul-de-sac turn-around having an outside right-of-way or easement diameter of at least 110 feet shall be constructed at the closed end of all dead-end roads serving 3 or more lots. The driving surface shall be at least 96 feet in diameter. Cul-de-sacs and hammerheads must also conform to the requirements specified by the 2006 International Fire Code. Contact the Fire Marshal regarding any additional cul-de-sac requirements.
6. Joint-Use Driveway: If access to Lots 2 and 3 is allowed from Ranch Road, the driveway shall be constructed to the following standards. A joint-use access shall serve no more than two tax parcels. See Kittitas County Road Standards, 9/6/05 edition.
 - a. Access easements shall be a minimum of 20' wide. The roadway width shall have a minimum width of 12'.

- b. The surface requirement is for a minimum gravel surface depth of 6”.
 - c. Maintenance of driveway approaches shall be the responsibility of the owner whose property they serve. The County will not maintain accesses.
 - d. Any further subdivision or lots to be served by proposed access may result in further access requirements.
7. Private Road Maintenance Agreement: The applicant shall meet all applicable conditions of any pre-established or required Private Road Maintenance Agreements.
 8. Lot Closure: It is the responsibility of the Professional Licensed Surveyor (PLS) to ensure the lot closures are correct and accurate.
 9. Access Permit: An approved access permit shall be required from the Department of Public Works prior to creating any new driveway access or performing work within the county road right of way.
 10. Addressing: Contact the Kittitas County Rural Addressing Coordinator at (509) 962-7523 to obtain addresses prior to obtaining a building permit. A parcel cannot receive a building permit or utilities until such parcel is identified with a 911 address.
 11. Fire Protection: Contact the Kittitas County Fire Marshal regarding any additional access requirements for Emergency Response.
 12. Mailbox Placement: The U.S. Postal Service requires that private roads with 6 or more residences install USPS approved Cluster Box Units (CBUs) at a safe location at the mouth of the private road. Contact your local Post Office for location and additional design requirements before beginning construction.

Current Kittitas County Road Standards, as adopted 9/6/05.

Chapter 12 – PRIVATE ROADS

12.12.010 General

Private roads shall meet the following conditions:

1. Private roads shall meet the minimum access requirements of the International Fire Code as adopted by the County, and
2. Shall be designed and constructed in conformance with AASHTO Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT < 400) 2001, as now exists or hereafter amended, and
3. Shall be inspected and certified by a licensed professional engineer for conformance with the above referenced standards. In the alternative, an applicant may request the private roadway to be inspected and subject to the approval of the Public Works Director. If certification by the public Works Director/County Engineer is desired,

submission of road plans and necessary testing documentation that confirms compliance with Kittitas County Road Standards is required, and services will be performed on a reimbursable basis, and

4. Permanently established by an easement recorded with the Kittitas County Auditor or right-of-way, providing legal access to each affected lot, dwelling unit, or business, and
5. Will not result in land locking of existing or proposed parcels, and
6. Maintained by the developer or legally responsible owner or homeowners' association or other legal entity made up of all benefited property owners, under the provisions of an acceptable and recorded "Private Road Maintenance Agreement", and
7. Clearly described on the face of the plat, short plat, or other development authorization and clearly signed at street location as a private street or road, for the maintenance of which Kittitas County is not responsible and a disclosure statement of the same is filed with the County Auditor, and
8. The following note shall be placed on the face of the plat, short plat, or other development authorization:

"Kittitas County will not accept private roads for maintenance as public streets or roads until such streets or roads are brought into conformance with current County Road Standards. This requirement will include the hard surface paving of any street or road surfaced originally with gravel."

Please let me know if you have any questions or need further information.

10/9/2009 2:17 PM

Jeff Watson

From: Clear, Gwen (ECY) [GCLE461@ECY.WA.GOV]
Sent: Tuesday, October 06, 2009 2:55 PM
To: Jeff Watson
Subject: comments for SP-09-00017
Attachments: 1107 Macham.pdf

Importance: High

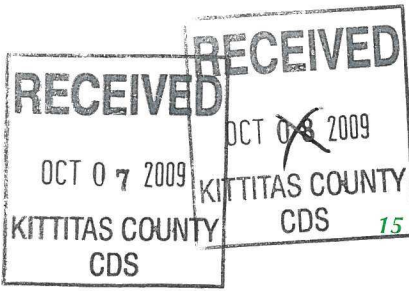
Please see the attached comments for the Macham short subdivision. The original letter is in the mail.
Thank you,

Gwen Clear
SEPA Coordinator
WA State Dept of Ecology
Central Regional Office - Yakima
(509) 575-2012



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

15 W Yakima Ave, Ste 200 • Yakima, WA 98902-3452 • (509) 575-2490



October 6, 2009

Jeff Watson
Kittitas County Community Development
411 N. Ruby St., Suite 2
Ellensburg, WA 98926

Dear Mr. Watson:

Thank you for the opportunity to comment on the short subdivision of approximately 13.45 acres into 3 lots, proposed by Sander Macham [SP-09-00017]. We have reviewed the application and have the following comments.

Water Resources

This project proposes individual wells and individual septic tanks and drain fields.

Chapter 173-150 WAC and RCW 90.44.030 provide for the protection of existing rights against impairment, i.e. interruption or interference in the availability of water, or contamination caused by withdrawal of ground water by a junior water right holder, including permit-exempt groundwater users.

Any new uses of groundwater in upper Kittitas County will need to be either a permitted use authorized by the Department of Ecology (Ecology) or water budget neutral as determined by Ecology. Unless a building permit was granted and vested prior to July 16, 2006, a prospective water user shall first submit to Ecology a request for determination that the proposed use would be water budget neutral. Please refer to WAC 173-539A, the Upper Kittitas Emergency Ground Water Rule for additional information.



Mr. Watson
October 6, 2009
Page 2 of 2

If you have any questions concerning the Water Resources comments, please contact Breean Zimmerman at (509) 454-7647.

Water Quality

Dividing or platting of a piece of property is often the first step in a proposed development. If a subsequent individual or common plan of development exceeds 1 acre of disturbed ground in size an NPDES Construction Stormwater Permit may be required. Ground disturbance includes all utility placements and building or upgrading existing roads. The process requires going through SEPA, developing a stormwater pollution prevention plan, submitting an application and a 30 day public notice process. This may take 45-60 days. A permit and a stormwater plan are required prior to beginning ground-breaking activities. Please contact Lynda Jamison with the Department of Ecology, (509) 575- 2434, with questions about this permit.

Sincerely,



Gwen Clear
Environmental Review Coordinator
Central Regional Office
(509) 575-2012



**Washington State
Department of Transportation**

Paula J. Hammond
Secretary of Transportation

South Central Region
2809 Rudkin Road, Union Gap
P.O. Box 12560
Yakima, WA 98909-2560

(509) 577-1600
TTY: 1-800-833-6388
www.wsdot.wa.gov



September 29, 2009

Kittitas County Community Development Services
411 N. Ruby, Suite 2
Ellensburg, Washington 98926-6300

Attention: Jeff Watson, Staff Planner

Subject: SP-09-00017; Macham Short Plat; 3-Lot Short Plat
SR 970, MP 9.5 Right Vicinity.

We have reviewed the proposed plat, and have the following comments.

1. The subject property is adjacent to State Highway 970. SR 970 is a Class 1 access managed highway in this area with a posted speed limit of 60 miles per hour. No direct access for any of the proposed lots will be allowed to SR 970 per WAC 468-52-040 (1). We request the following:
 - Show access for Lot 1 to County road (Ranch Road).
 - A note be placed on the plat that states that no direct access to SR 970 will be allowed from this plat.
2. SR 970 is an existing facility. The proponent should be aware that they are proposing development in an area with traffic noise. They should also expect that traffic noise may continue to grow into the future, and, as an essential public facility, may need to be expanded to accommodate future traffic growth. If the proponent is concerned with traffic noise affecting this development, it is the developer's responsibility to dampen or deflect any traffic noise for it.
3. Stormwater and surface runoff generated by this project must be retained and treated on site in accordance with regulating agencies' standards, and not be allowed to flow onto WSDOT rights-of-way.
4. Any proposed lighting should be directed down towards the site, and away from SR 970.

Thank you for the opportunity to review and comment on this proposal. If you have questions or require further information regarding our comments, please contact Dan Eberle at (509) 577-1637.

Sincerely,

Bill Preston, P.E.
Regional Materials and Planning Engineer

BP: rh/de
cc: File #4, SR 970
Terry Kukes, Area 1 Maintenance Superintendent

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To Protect and Promote the Health and the Environment of the People of Kittitas County

October 5th 2009

Jeff Watson, Staff Planner
Community Development Services
411 N Ruby Street, Ellensburg WA 98926

RE: Upper County Plat Application – Macham Short Plat (SP-09-17)

Dear Mr. Watson,

On July 16th, 2009 Ecology withdrew the groundwater in Upper Kittitas County from new appropriation. Chapter 173-539A WAC requires that a determination of water neutrality be obtained from the State of Washington, Department of Ecology (Ecology) prior to final approval of plat applications.

Kittitas County Public Health Department's September 21st 2009 recommendation on the proposed Macham Short Plat (SP-09-17) indicated that final approval be conditioned upon the developer/owner of the plat providing proof of water availability. Under the new aforementioned rule, water availability shall be provided through one of the following options depending on the source of water proposed.

If a Public Water System is proposed for the plat, a signed letter from the water purveyor and a current copy of the Operating Permit from the State of Washington Department of Health showing green status will meet the water availability requirement for plat approval.

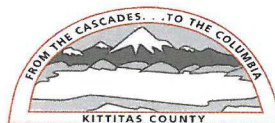
If individual wells are proposed for the parcels and there is an existing well located on the plat, a well log from the State of Washington, Department of Ecology and a passing bacteriological and nitrate test will meet the water availability requirement. If you have already put the wells in question to beneficial use, please complete the attached affidavit.

If you have not already put the well or wells in question to beneficial use, a determination of water neutrality from Ecology will also be required to satisfy the water availability requirement. This requirement may be waived at the final approval stage if Ecology has modified the Upper Kittitas County Ground Water Rule in such a way that a determination is no longer required and the applicant has met all requirements of the modified rule.

The above mentioned items must be submitted to the Public Health Department in order for the plat application to be recommended for final approval.

If you have any questions related to acquiring a determination of water neutrality required for approval of your plat application, the implications of the moratorium or the Emergency Rule or other water related questions, please contact the State of Washington, Department of Ecology staff at the following numbers: Mark Schuppe (509) 454-4258 or Melissa Downs (509) 454-4259.

**Kittitas County
Public Health Department**
507 N. Nanum Street, Suite 102
Ellensburg, WA 98926
T: 509.962.7515
F: 509.962.7581



www.co.kittitas.wa.us/health/

**Environmental
Health Services**
411 North Ruby Street, Suite 3
Ellensburg, WA 98926
T: 509.962.7698
F: 509.962.7052



To Protect and Promote the Health and the Environment of the People of Kittitas County

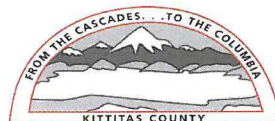
If you have any other questions related to your plat application, please feel free to contact me directly at (509) 962-7515.

Sincerely,

James Rivard

James Rivard, Environmental Health Supervisor
Kittitas County Public Health Department

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1
2
3
4
5 **IN KITTITAS, A COUNTY OF THE STATE OF WASHINGTON**
6

7 _____)
(DOB: _____) APPLICATION NO. _____
8)
Applicant,)
9)
_____) AFFIDAVIT OF WATER AVAILABILITY
10 _____)

11 STATE OF WASHINGTON)
12) ss.
COUNTY OF KITTITAS)
13

14 The undersigned on oath states that:

15 The well corresponding to the attached well log has been put to beneficial use and it is my intent
16 to use said well to provide water for the structure(s) and/or building(s) for which I am seeking a
17 permit.

18 _____
19 Name of Applicant

20 On _____, 2009, _____ personally appeared before me,
21 _____ who is personally known to me
22 _____ whose identity I proved on the basis of _____
23 _____ whose identity I proved on the oath/affirmation of _____, a
24 credible witness to be the signer of the above instrument, and he/she acknowledged that he/she
25 signed it.

NOTARY PUBLIC
My Appointment Expires:

(Seal)



To Protect and Promote the Health and the Environment of the People of Kittitas County

October 5th 2009

Jeff Watson, Staff Planner
Community Development Services
411 N Ruby Street, Ellensburg WA 98926

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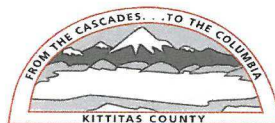
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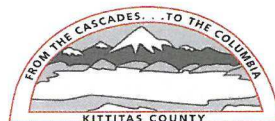
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Sincerely,

James Rivard

James Rivard, Environmental Health Supervisor
Kittitas County Public Health Department

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To Protect and Promote the Health and the Environment of the People of Kittitas County

September 21, 2009

Sander Macham
5109 Wilmington Ave
Everett, WA 98203

RE: Macham Short Plat (SP-09-00017) submission fee received (\$380)

Dear Applicant:

We have received the application for your proposed Short Plat (located in Section 28, Township 20N, Range 17 E.W.M., off of Ranch Road).

Enclosed is a checklist and detailed instructions for completing the Environmental Health requirements.

We will not recommend your plat application for approval until you meet the enclosed requirements.

Once we have received and reviewed the required information, we will notify Community Development Services that you have satisfactorily addressed health department requirements.

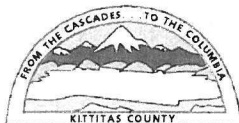
If you have any questions or concerns, please feel free to contact our office.

Sincerely,

A handwritten signature in black ink that reads "Cathy Bambrick". The signature is written in a cursive, flowing style.

Cathy Bambrick, Public Health Administrator
Kittitas County Public Health Department

cc: Community Development Services, Encompass Engineering & Surveying
Enc: Checklist, Instructions for Completing EH Requirements, Soil Log Requirements



Checklist

Prior to receiving approval of the above listed plat you must meet WAC 246-272-205(1) and WAC 246-272-095(1) by:

1. Proving there is an adequate supply of potable water

*Choose and follow instructions for **one** of the five following options:*

Group “A” public well

Provide written approval from Washington State Department of Health

Group “B” public well

Schedule a well site inspection or site inspection with Public Health as the first step toward approval of a group B system (the Group B system must be approved prior to plat approval)

Individual wells

Provide a well log or hydrogeological report to prove adequate ground water exists for the proposed number of potable water wells (see page 4). If a well log is used provide potable water test results.

Shared two-party well

Submit existing well log and a water user’s agreement signed by both parties

Public utility water supply

Submit a signed letter of agreement from a public utility official

AND

2. Proving satisfactory sewage disposal

*Choose and follow instructions for **one** of the two following options:*

On-site sewage

You must schedule a soil log and prepare the site (dig holes)

Public utility sewer

You must submit a signed letter of agreement from the public utility official

Instructions for Completing Environmental Health Requirements

I. ADEQUATE POTABLE WATER SUPPLY:

PUBLIC UTILITY WATER SUPPLY APPLICANTS

Submit a signed letter of agreement with the responsible public utility official and the developer/owner, granting delivery of potable water for the entire development.

PUBLIC WATER SYSTEMS

All Public Water System applicants must contact a Satellite Management Agency (SMA) before initiating the application process. Evergreen Valley Utilities (509) 674-9642 and Lookout Mountain Utilities Management (509) 674-6989 are the current SMAs.

PUBLIC GROUP "A" WELL

If you have an existing well and a Department of Ecology issued "water right" for potable usage of the well, Washington State Department of Health (DOH) is the regulatory authority for approving Group A systems. We require written verification that DOH has approved the system prior to final plat approval (see contact information below). If you have not secured a water right for potable use you must contact the Washington State Department of Ecology (Central Region Office) located in Yakima, Washington to begin the process of obtaining a water right. Their contact number is: (509) 575-2800.

PUBLIC GROUP "B" WELLS

Washington State Department of Health and Kittitas County Public Health Department share the regulatory authority for approving Group B Water Systems in Kittitas County. The process for approval includes a source site inspection to approve the location of the proposed well or if the well exists to ensure that it meets the criteria for approval; drilling of the well and/or ensure that the well is located within the subdivision boundaries; completion of the well infrastructure, the workbook and all related documentation including testing and satisfactory results.

****All Group B applications with 3-9 connections** should be submitted to Kittitas County Public Health Department; all Group B applications **10-14 connections** should be submitted to Washington State Department of Health at the addresses provided below.

Kittitas County Public Health Department
Environmental Health Division
507 N Nanum Street, Suite 102
Ellensburg, WA 98926
(509) 933-8261

Washington State Department of Health
1500 W. 4th, Suite 305
Spokane, WA 99204
(509) 456-2453
ATTN: Tom Justus, Regional Engineer

After all of the aforementioned information is submitted, reviewed, and approved by Washington State DOH, final issuance of the well ID number completes the requirement.

INDIVIDUAL WELLS

Submit well logs or a hydrogeological report with documentation/evidence to support the claim regarding adequate availability of groundwater for the proposed number of potable water wells. This report shall be submitted by a Professional Engineer who practices in the field of hydrology or by a licensed Hydrogeologist. According to Critical Areas Ordinance 17A.08.25, individual wells must be located 50 feet from all property lines. To obtain well logs, contact Department of Ecology at (509) 575-2490.

After July 8, 2008 all applicants for subdivision (short and long plats) utilizing wells shall have a note placed on the face of the final mylars that states:

“The approval of this division of land includes no guarantee that there is a legal right to withdraw groundwater within the land division. The approval of this division of land provides no guarantee that use of water under the ground water exemption (RCW 90.44.050) for this plat or any portion thereof will not be subject to curtailment by the Department of Ecology or a court of law. “

AND

“Metering will be required on all new residential well connections and metering results shall be recorded in a manner consistent with Kittitas County and Washington State Department of Ecology requirements.”

II. SATISFACTORY SEWAGE DISPOSAL

PUBLIC UTILITY SEWER

Submit a signed letter of agreement between the responsible public utility official and the developer/owner or other documentation that provides proof of connection to public sewer.

ON SITE SEWAGE

Soil logs will need to be scheduled and dug at a mutually convenient time. The developer/owner shall provide soil logs as per WAC 246-272A or as amended (see attached soil log instruction sheet). The information obtained will be recorded and placed in the plat file for future reference. The information obtained from these soil logs is for plat approval purposes only and does not constitute a site evaluation in conjunction with the issuance of a permit for any specific lot.

SET BACK REQUIREMENTS

A well must be located 50 feet from a septic tank and 100 feet from a drain field.

Soil Log Requirements for Land Division

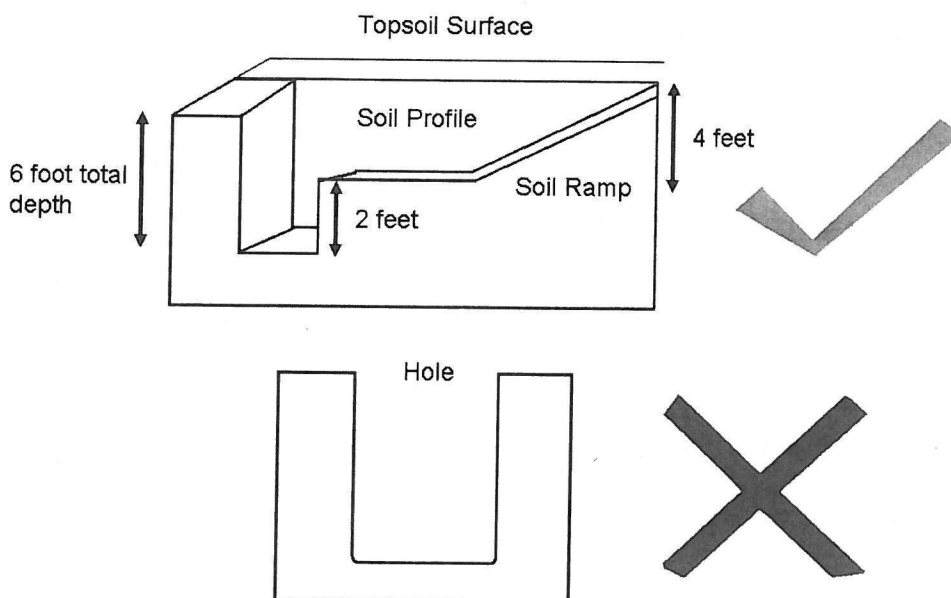
Purpose: The purpose of a soil log is to ensure that future property owners can be assured that they will be able to install a septic system on the property. A soil log is performed to

ensure that suitable depth and type of soil is present on the property prior to final plat approval.

Since the type of soil and water source supplying the property can ultimately determine the minimum lot size, it is recommended that soil logs be conducted early in the plat planning process.

Requirements: In order for a soil log to be conducted, test holes must meet specific criteria according to Washington Administrative Code (WAC), Kittitas County Code (KCC) and Labor and Industries safety standards.

- 1) A minimum of one soil log per lot shall be dug to a depth of six feet, unless an impermeable layer such as bedrock, hardpan clay, or the existing water table prevents such a depth from being obtained. In some instances, additional holes may be required to determine if the minimum standards for septic support are present on the lot.
- 2) The design of a test hole shall be sloped to four feet beneath surface, leveled and then dug down an additional two feet for a total depth of six feet (see the diagram below for reference). Such a test hole is designed to prevent possible injury as a result of the surrounding soil bank collapsing into the test hole and to grant the local health officer ease of access to the soil profile.
- 3) In order to sub-divide property at least twelve inches of native, suitable soil must be present at the time the soil log is performed.
- 4) A soil log does not constitute a site-evaluation. A site evaluation determines the type of septic system required. A soil log only determines whether soils present on the property can support a septic system.



Minimum Land Area Requirements: According to the WAC 246-272 the minimum land area requirement from a public health perspective for subdivision of property is determined by the source of the drinking water and the soil type present to support an on-site sewage system (Table X). These guidelines have been put in place to protect human health and the environment from the potential health hazards that an on-site sewage system imposes. The type of water source available and soil type present must be determined by the local health officer. However, other minimum land area requirements may be subject to local government zoning regulations and restrictions, and it is advisable that property land owners seek advice from Community Development Services at (509) 962-7506 for assistance in this area.

TABLE X
Minimum Land Area Requirement
Single-Family Residence or Unit Volume of Sewage

Type of Water Supply	Soil Type (defined by WAC 246-272A-0220)					
	1	2	3	4	5	6
Public	0.5 acre	12,500 sq. ft.	15,000 sq. ft.	18,000 sq. ft.	20,000 sq. ft.	22,000 sq. ft.
	2.5 acre ¹					
Individual, on each lot	1.0 acre	1 acre	1 acre	1 acre	2 acres	2 acres
	2.5 acres ¹					

¹ See WAC 246-272A-0234(6).

Other Considerations: Since open holes present a potential danger to people, livestock, wild animals, and vehicles, it is advisable that such a hole be roped off or covered to prevent unwanted entry or marked to caution and facilitate finding. After the soil log has been performed the hole may be filled in by the property owner or contractor to eliminate the potential hazard.

Scheduling a soil log: Currently, soil logs are performed on a weekly basis by an Environmental Health Specialist. To schedule a soil log please contact the Environmental Health Office at 507 N Nanum Street, Suite 102 (509) 933-8261 to arrange an appointment.