



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

February 2, 2009

Jeff Watson, Staff Planner  
Community Development Services  
411 N Ruby Street, Suite 2  
Ellensburg, WA 98926

Dear Mr. Watson,

Thank you for the opportunity to comment on the Dunbar/Gill Short Plat, SP-08-00045. Pursuant to the Memorandum of Agreement between Kittitas County and the Washington State Department of Ecology all the future residential well connections serving the proposed lots shall be required to have meters installed. Metering results shall be recorded in a manner consistent with Kittitas County and Washington State Department of Ecology requirements.

The potable water plat note is incorrect (plat note #8). Please replace the plat note with the following:

*"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. "*

*Please also include the following plat note:*

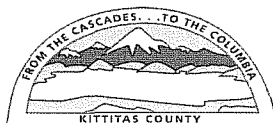
*"Metering will be required on all residential well connections and metering results shall be recorded in a manner consistent with Kittitas County and Washington State Department of Ecology requirements."*

The Public Health Department's recommendation shall state that final approval be conditioned upon the developer/owner of the plat providing proof of water availability. Water availability can be provided through several different ways depending on the source of water proposed.

If a public water system is proposed for the plat, the public water system information shall be submitted and reviewed by Kittitas County Public Health Department or Washington State Department of Health which includes final issuance of the well ID number to 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 Washington State Department of Ecology will meet the water availability requirement. If there is

**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/](http://www.co.kittitas.wa.us/health/)

**Environmental  
Health Services**  
411 North Ruby Street, Suite 3  
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*To Protect and Promote the Health and the Environment of the People of Kittitas County*

not an existing well on the plat, then a water availability report with documentation and evidence to support the claim regarding adequate availability of groundwater for the proposed number of potable water wells must be submitted for review.

At this time the application does not contain sufficient information to make a determination of adequate water availability or soil assessment to determine the land area is suitable for onsite sewage systems. The above mentioned items need to be submitted to the Public Health Department in order for the plat application to be recommended for approval.

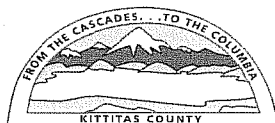
If you should have any further questions please don't hesitate to contact me by phone 509-962-7005 or email [james.rivard@co.kittitas.wa.us](mailto:james.rivard@co.kittitas.wa.us).

Sincerely,

A handwritten signature in black ink that reads "James Rivard".

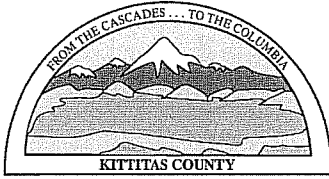
James Rivard  
Environmental Health Specialist II  
Kittitas County Public Health Department

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# KITTITAS COUNTY

## DEPARTMENT OF PUBLIC WORKS

### MEMORANDUM

TO: Community Development Services

FROM: Christina Wollman, Planner II *CW*

DATE: November 21, 2008

SUBJECT: Dunbar/Gill Short Plat SP-08-45

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. 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.
2. Private Road Improvements: Access from Badger Pocket Road to the point at which the driveway for Lot 2 turns off from the road serving Lots G1 and G2 shall be constructed as a Low-Density Private Road. A cul-de-sac shall be constructed at the end of the private road improvements. See 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 20', with 1' shoulders, for a total width of 22'.
  - b. Minimum centerline radius will be 60'.
  - c. The surface requirement is for a minimum gravel surface depth of 6".
  - d. Maximum grade is 12%.
  - e. Stopping site distance, reference AASHTO.
  - f. Entering site distance, reference AASHTO.

Page 1 of 4

- 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 of county road.
  - k. A paved apron shall be constructed at the intersection of the proposed private intersection and the county road right of way.
3. Cul-de-Sac: A 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 must also conform to the requirements specified by the 2006 International Fire Code. Contact the Fire Marshal regarding any additional cul-de-sac requirements.
4. Joint-Use Driveway: 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.

Single-Use Driveway: A single-use access shall serve no more than one lot. See Kittitas County Road Standards, 9/6/05 edition.

- a. The roadway shall be a minimum of 8' wide with gravel surface.
  - b. Maintenance of driveway approaches shall be the responsibility of the owner whose property they serve. The County will not maintain accesses.
  - c. Any further subdivision or lots to be served by proposed access may result in further access requirements.
5. Plat Notes: The following plat note shall be added: Entire private road shall be inspected and certified by a civil engineer licensed in the State of Washington specifying that the road meets Kittitas County Road Standards as adopted September 6, 2005, prior to the issuance of a building permit. Any future subdivision or land use action will be reviewed under the most current road standards.

6. Private Road Maintenance Agreement: The applicant shall meet all applicable conditions of any pre-established or required Private Road Maintenance Agreements.
7. Lot Closure: It is the responsibility of the Professional Licensed Surveyor (PLS) to ensure the lot closures are correct and accurate.
8. 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.
9. 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.
10. Fire Protection: Contact the Kittitas County Fire Marshal regarding any additional access requirements for Emergency Response.
11. Mailbox Placement: Mailboxes must be approved by U.S. Postal Service. Mailbox locations are site specific. Contact your local Post Office for location and design standards 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.



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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

RECEIVED  
NOV 19 2008  
Kittitas County  
CDS

November 12, 2008

Kari Braniff  
Kittitas County Community Development  
411 N Ruby Street, Suite 2  
Ellensburg, WA. 98926

Dear Ms. Braniff:

Thank you for the opportunity to comment on the short plat of approximately 12.01 acres into 2 lots, proposed by Roger Gill [SP 08-00045]. We have reviewed the application and have the following comment.

**Water Resources**

No water right records associated with this property were found in the Central Regional Office. In Washington State, ground water withdrawals of up to 5,000 gallons per day (gpd) used for single or group domestic supply, industrial purposes, stock watering or for the irrigation of up to ½ acre of lawn and garden are exempt from the permitting process. However, with the proposed lot sizes (approximately 6 acres each) irrigation could easily be over ½ acre. If irrigation water is not available through an irrigation district, Ecology encourages the use of covenants to help property owners stay within the groundwater exemption criteria until a valid water right is obtained for irrigation.

With the Supreme Court's guidance on the limitations of groundwater exemptions, all lots within this proposed division would be covered by a single groundwater exemption provided this development is not part of a larger project. To comply with 5,000 gpd limit, Ecology recommends metering the wells for this development. Water use data should be recorded by the property owner of the well monthly. Department of Ecology personnel, upon presentation of proper credentials, shall have access at reasonable times, to the records of water use that are kept to meet the above conditions, and to inspect at reasonable times any measuring device used to meet the above conditions. For metering information, please contact Ken Schuster at (509) 454-4263.

Sincerely,

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





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



October 8, 2008

Roger & Connie Gill  
3980 Badger Pocket Road  
Ellensburg, WA 98926

RE: Dunbar/Gill Plat submission fee received (\$1,220.00/receipt #3291)

Dear Roger & Connie:

We have received the application for your proposed Plat (located in Section 25, Township 17N, Range 19E.W.M., off of Badger Pocket Road).

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

***Your plat application will not be approved 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,

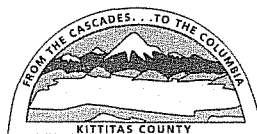
A handwritten signature in black ink that reads "Holly Myers". The signature is fluid and cursive.

Holly Myers, Environmental Health Director  
Kittitas County Public Health Department

cc: Community Development Services, Cruse & Associates

Enc: Checklist, Instructions for Completing EH Requirements, Soil Log Requirements

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



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## 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 is currently the only SMA.

#### 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  
411 N. Ruby Street, Suite 3  
Ellensburg, WA 98926  
(509) 962-7698

Washington State Department of Health  
1500 W. 4<sup>th</sup>, 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.

All applicants for subdivision (short and long plats) utilizing wells shall have a note placed on the face of the final mylars that states:

*“Kittitas County relies on its record that a supply of potable water exists. The approval of this division of land includes no guarantee or assurance that there is a legal right to withdraw groundwater within the land division.”*

## **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.

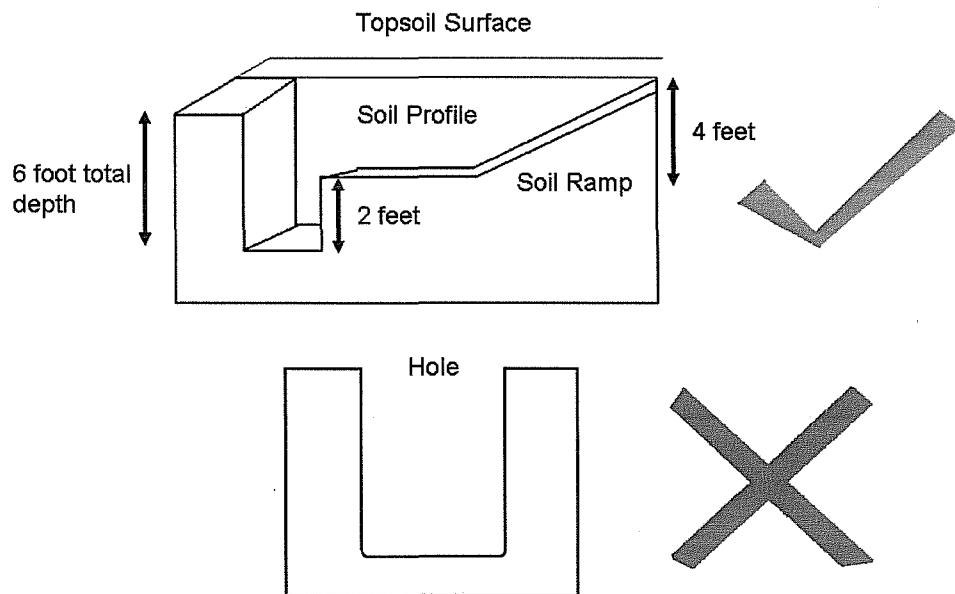
## **Soil Log Requirements for Land Division**

**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 <sup>1</sup>					
Individual, on each lot	1.0 acre	1 acre	1 acre	1 acre	2 acres	2 acres
	2.5 acres <sup>1</sup>					

<sup>1</sup> 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 411 N. Ruby Street (509) 962-7506 to arrange an appointment.