Valley County Planning and Zoning

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STAFF REPORT: SUB 25-014 Herrick North – Preliminary Plat

MEETING DATE: July 10, 2025

TO: Planning and Zoning Commission

STAFF: Cynda Herrick, AICP, CFM

Planning and Zoning Director

APPLICANT L&P Holdings LLC, c/o Philip Portsche and Ted Larson

/PROPERTY OWNER: 12126 N 18th AVE, Boise, ID 83714

ENGINEER: Crestline Engineers

PO Box 2330, McCall, Idaho 83638

SURVEYOR: Dunn Land Surveys

25 Coyote Trail, Cascade ID, 83611

LOCATION: Parcel RP12N04E087220 located in the E ½ Section 8, T.12N, R.3E.

Boise Meridian, Valley County, Idaho

SIZE: 36 acres

REQUEST: 12-Single-Family Residential Lots

EXISTING LAND USE: Single-Family Residential Parcel – Bare Land

L&P Holdings LLC is requesting a conditional use permit for a 12-lot single-family residential subdivision on 36 acres. Proposed lot sizes range from 2.08 to 4.6 acres. Individual septic systems and individual wells are proposed.

Wetlands will be delineated.

A Wildfire Urban Interface Mitigation Plan will be submitted. An underground water storage tank is proposed for fire protection. In addition, the existing emergency access to the Herrick Hills Subdivision is proposed to be improved.

There is an existing spring building and a 20-ft water line, well, and access easement noted on the plat.

The lots would be access from an existing private road (Laurins LN) and a private road easement that is proposed to be constructed at 973-feet of graveled road. Laurins LN (PVT) accesses Highway 55. Shared driveways are proposed.

FINDINGS:

- 1. A neighborhood meeting, as required by VCC 9-5H-1.D, was held on March 21 30, 2025. A summary is in Appendix G of the Application.
- 2. The application was submitted on May 27, 2025.
- 3. Legal notice was posted in the *Star News* on June 19, 2025, and June 26, 2025. The property owner and applicant were notified by letter on June 9, 2025. Potentially affected agencies were notified on June 9, 2025. Property owners within 300 feet of the property line were notified by fact sheet sent June 11, 2025. The notice was posted online at www.co.valley.id.us on June 9, 2025. The site was posted on June 24, 2025.
- 4. Agency comment received:

Brent Copes, Central District Health, stated subdivision application, fees, test holes, ground water monitoring and engineering report are required. (July 1, 2025)

Kendra Conder, Idaho Transportation Department, updated her comments on July 2, 2025. She understands that Herrick North is separate of the subdivision that was originally conditioned for the turn lanes; therefore, ITD will allow the applicant to install the turn lanes prior to any Phase 2 development.

Ms. Conder prior comments stated that ITD previously required the Herrick Hills subdivision to install a right-turn lane and center left-turn lane prior to the sale of the 56th home. The mitigation has not been constructed. ITD requires the applicant to work with the County and existing Herrick Hills subdivision to determine if the threshold has been met. If it has been met or will be met with Herrick North, ITD will require the turn lanes to be constructed prior to receiving any approval from ITD. (June 16, 2025)

Steven Hull, Cascade Fire Chief, listed requirements for roads, driveways, and a required 30,000-gallon water tank for fire protection. (June 26, 2025)

Idaho Department of Environmental Quality (DEQ) provided general comments on air quality, wastewater, drinking water, surface water, solid waste, hazardous waste, water quality, ground water contamination, and best management practices. (June 17, 2025)

- 5. Public comment received: None
- 6. Physical characteristics of the site: The area has mountainous topography, has wetlands, and is densely timbered.
- 7. The surrounding land use and zoning includes:

North: Agricultural (Dry Grazing) with Home Site

South: Single-Family Residential Lots (Herrick Hills No. 1) and Agricultural (Timber)

East: Agricultural (Timber)

West: Single-Family Residential Parcels

- 8. Valley County Code (Title 9): In Table 9-3-1, this proposal is categorized under:
 - 2. Residential Uses (c) Subdivision for single-family subdivision.

TITLE 9 LAND USE AND DEVELOPMENT

9-5-3: **STANDARDS**:

- B. Setbacks:
 - 1. Structures Exceeding Three Feet In Height: The setbacks for all structures exceeding three feet (3') in height are specified herein under the site and development standards for the specific use.
 - 2. Highway 55: All structures shall be set back one hundred feet (100') from the right of way line of Highway 55 unless a more restrictive setback is required within other sections of this title.
 - 3. High Water Line: All residential buildings shall be set back at least thirty feet (30') from high water lines. All other buildings shall be set back at least one hundred feet (100') from high water lines.
 - 4. Front Yards: Front yards shall be determined by the structure establishing the principal use on the property and the location of the access street or road.
 - 5. Encroachment On Yards: No other structure may encroach on the yards determined for the structure establishing principal use.
 - 6. Measurement: All building setbacks shall be measured horizontally, on a perpendicular to the property line, to the nearest corner or face of the building including eaves, projections, or overhangs.

9-5A-1: GRADING:

- A. Permit Required: Grading to prepare a site for a conditional use or grading, vegetation removal, construction or other activity that has any impact on the subject land or on adjoining properties is a conditional use. A conditional use permit is required prior to the start of such an activity.
- D. Wetlands: Grading or disturbance of wetlands is subject to approval of the U.S. corps of engineers under the federal clean water act. The federal permit, if required, shall be part of the conditional use permit.

E. Site Grading Plan:

- 1. The conditional use permit application shall include a site grading plan, or preliminary site grading plan for subdivisions, clearly showing the existing site topography and the proposed final grades with elevations or contour lines and specifications for materials and their placement as necessary to complete the work. The plan shall demonstrate compliance with best management practices for surface water management for permanent management and the methods that will be used during construction to control or prevent the erosion, mass movement, siltation, sedimentation, and blowing of dirt and debris caused by grading, excavation, open cuts, side slopes, and other site preparation and development. The plan shall be subject to review of the county engineer and the soil conservation district. The information received from the county engineer, the soil conservation district, and other agencies regarding the site grading plan shall be considered by the planning and zoning commission and/or the board of county commissioners in preparing the conditions of approval or reasons for denial of the applications.
- 2. For subdivisions, preliminary site grading plans and stormwater management plans must be presented for review and approval by the commission as part of the conditional use permit application. However, prior to construction of the infrastructure, excavation, or recordation of the final plat, the final plans must be approved by the county engineer.
- F. Land Surfaces Not Used For Roads, Buildings And Parking: All land surfaces not used for roads, buildings and parking shall be covered either by natural vegetation, other natural and undisturbed open space, or landscaping.
- G. Stormwater Management Plan: Prior to issuance of building permits, the administrator must receive a certification from the developer's engineer verifying that the stormwater management plan has been implemented according to approved plans.

9-5A-2: ROADS AND DRIVEWAYS:

A. Roads For Public Dedication And Maintenance: Roads for public dedication and maintenance shall be designed and constructed in accordance with title 10 of this code and in accordance with "Construction Specifications And Standards For Roads And Streets In Valley County, Idaho".

- B. Access Roads Or Driveways: Residential developments, civic or community service uses, and commercial uses shall have at least two (2) access roads or driveways to a public street wherever practicable.
- C. Private Roads: Private roads shall meet the provisions of the Valley County subdivision ordinance and any policies adopted by the board of county commissioners.
- D. Cattle Guards: Cattle guards shall not be installed in public roads within residential developments.
- E. Access To Highway 55: Access to Highway 55 shall be limited at all locations and may be prohibited where other access is available. An access permit from the Idaho transportation department may be required.

9-5A-5: FENCING:

- C. Livestock In Residential Development: If livestock are allowed in a residential development, then fencing shall be installed to keep livestock out of public street rights of way. Cattle guards shall not be installed in public roads within residential developments.
- E. Construction And Materials: Fence construction and materials shall be in accordance with commonly accepted good practices to produce a neat appearing durable fence. The location, height, and materials used for constructing a fence shall be approved by the commission and specified in the conditional use permit. Fences required for any conditional use shall be maintained in good repair.
- F. Conditional Use Adjoins Agricultural Uses: Where a conditional use adjoins an agricultural use where animal grazing is known to occur for more than thirty (30) consecutive days per year, the permittee shall cause a fence to be constructed so as to prevent the animals from entering the use area. The permittee shall provide for the maintenance of said fence through covenants, association documents, agreement(s) with the adjoining owner(s), or other form acceptable to the commission prior to approval of the permit so that there is reasonable assurance that the fence will be maintained in functional condition so long as the conflicting uses continue.
- G. Obstruction Of Vision: Sight obscuring fences, hedges, walls, latticework, or screens shall not be constructed in such a manner that vision necessary for safe operation of motor vehicles or bicycles on or entering public roadways is obstructed.

9-5A-6: UTILITIES:

- A. Direct Access Required: All lots or parcels, for or within conditional uses, shall be provided, or shall have direct access to, utility services including telephone, electrical power, water supply, and sewage disposal.
- B. Central Water Supply And Sewage Systems: Central water supply and sewage systems serving three (3) or more separate users shall meet the requirements of design, operation, and maintenance for central water and sewage systems in the subdivision ordinance.
- C. Probability Of Water Supply: Probability of water supply, as referred to in subsection A of this section, can be shown by well logs in the general area or by a determination of a professional engineer, hydrologist, or soil scientist.
- D. Individual Septic Systems: If individual septic systems are proposed to show compliance with sewage disposal requirements in subsection A of this section, sanitary restrictions must be lifted on every lot prior to recordation unless it is designated as a lot where a building permit will never be issued for a residential unit, such as pasture lot, common area, open space, or a no build lot.
- E. Easements Or Rights Of Way: Easements or rights of way shall be set aside or dedicated for the construction and maintenance of utilities in accordance with the provisions of the subdivision ordinance.
- F. Utility Plan: A utility plan showing the schedule of construction or installation of proposed utilities shall be a part of the conditional use permit.

9-5B-2: LIGHTING

9-5B-4: EMISSIONS:

C. Wood Burning Devices: Wood burning devices shall be limited to one per site. Wood burning devices shall be certified for low emissions in accordance with EPA standards.

9-5C-2: MINIMUM LOT AREA:

- B. New Subdivisions:
 - Single-Family Residences: New subdivisions for single-family residences shall provide the following minimum lot sizes:
 - a. One acre where individual sewage disposal systems and individual wells are proposed.
- C. Frontage On Public Or Private Road: Frontage on a public or private road shall not be less than thirty feet (30') for each lot or parcel. The lot width at the front building setback line shall not be less than ninety feet (90').

9-5C-5: SITE IMPROVEMENT:

- A. Off Street Parking Spaces: Two (2) off street parking spaces shall be provided for each dwelling unit. These spaces may be included in driveways, carports, or garages.
- B. Utility Lines: All utility lines, including service lines, that are to be located within the limits of the improved roadway in new residential developments must be installed prior to placing the leveling coarse material.

9-5C-6: DENSITY:

- A. The density of any residential development or use requiring a conditional use permit shall not exceed two and one-half (2.5) dwelling units per acre, except for planned unit developments or long-term rentals. Long-term rental density can be determined by the Planning and Zoning Commission in regards to compatibility with surrounding land uses and will require a deed restriction.
- B. Density shall be computed by dividing the total number of dwelling units proposed by the total acreage of land within the boundaries of the development. The area of existing road rights of way on the perimeter of the development and public lands may not be included in the density computation.

TITLE 10 SUBDIVISION REGULATIONS

10-4-3: LOTS:

- A. Size, Depth, Shape, Orientation And Setback Lines: The lot size, width, depth, shape and orientation, and the minimum building setback lines shall be appropriate for the location of the subdivision and for the type of development and use contemplated. Every lot shall abut upon a street. Corner lots for residential use shall have extra width to permit appropriate building setbacks from, and orientation to, both streets.
- B. Double Frontage And Reverse Frontage Lots: Double frontage, and reverse frontage lots, shall be avoided, except where essential to provide separation of residential development from traffic arteries or to overcome specific disadvantages of topography and orientation. A screening easement of at least ten feet (10'), and across which there shall be no right of access, shall be provided along the line of lots abutting such a traffic artery or other disadvantageous use.
- C. Side Lot Lines: Side lot lines shall be within twenty degrees (20o) of right angles or radial to street lines.

10-4-4: STREETS:

Any parcel of land that is intended to be used, or is actually used, to provide vehicular access to more than one building site, whether said street is public or private and whether the parcel is set aside by deed, easement, or other means, unless an administrative variance is allowed for a shared driveway to adjacent properties, all having the required frontage on an existing street if in a platted subdivision or a legal parcel, is in the best interest of all parties involved due to unusual circumstances or topographic reasons, as determined by the administrator. Administrative variances cannot be given for more than three (3) building sites and shall at a minimum require the shared driveway to be built to the satisfaction of the fire department and have a shared driveway agreement.

10-4-6: EASEMENTS:

- A. Utility Easements: There shall be provided easements for the utilities upon and across the front of lots of a width of a minimum of twelve feet (12') (except for entrance service) or as and where considered necessary by the commission.
- B. Stormwater Easement Or Drainage Right Of Way: Where a subdivision is crossed or bounded by a watercourse, drainageway, channel, irrigation ditch, or stream there shall be provided a stormwater easement or drainage right of way conforming substantially with the lines of such watercourse, and such further width or construction, or both, as will be adequate for the purpose.
- C. Drainage: Provisions for adequate drainage shall be made by the subdivider as prescribed by the county engineer in accordance with the manual containing the drainage standards and specifications as adopted by Valley County.
- D. Existing Easements: All existing easements must be shown on the subdivision plat.

10-5-1: STREET AND UTILITY IMPROVEMENTS:

- A. Installation Required: Public street, utility, conduit for fiber optics, and other off site improvements, as hereinafter listed, shall be installed in each new subdivision at the subdivider's expense or at the expense of the party agreeing to install the same, in accordance with the minimum standards set forth below prior to the acceptance of any final plat for recordation, except as provided in subsections C and D of this section. A right of way permit will be required (see section 5-7-2 of this code).
- B. Acceptance By County: The county shall not accept the dedication of any public rights of way and any easements shown on the plat, together with appurtenant facilities lying therein which the county would have a duty to maintain after dedication, which are not improved, or construction thereof guaranteed in accordance with the provisions of this title or with the policies, standards, designs and specifications set forth in the road and street specifications adopted by Valley County. The Valley County Board of Commissioners have the sole discretion to set the level of service for any public road; the level of service can be changed. All plats shall contain in their notes this statement: "The Valley County Board of Commissioners have the sole discretion to set the level of service for any public road; the level of service can be changed."

Dedication of public rights-of-way does not guarantee that the public road will be maintained by Valley County. Public rights of way are allowed with roads that are maintained by homeowners. Public rights of way shall be provided through properties to adjacent lands for the purpose of circulation, when reasonable.

- C. Private Road Declaration: In the event that private roads, streets and ways are shown on a subdivision plat, the width of the right of way must meet specifications set forth in road and street specifications adopted by the board of county commissioners. A private road declaration shall be recorded and state that the county will have no responsibility for the installation or maintenance of the private roads, shall describe who is responsible for maintenance of the private roads, and describe the construction schedule for the private roads. Construction of private roads shall be the responsibility of the subdivider and shall be constructed to the minimum standards as set forth in the road and street specifications for private roads adopted by the county.
- D. Declaration Of Installation Of Utilities: A declaration of installation of utilities shall also be recorded. The declaration shall describe the utilities that will be placed by the subdivider, verify when the utilities will be installed and state that Valley County will have no responsibility for the installation or maintenance of utilities. If all utilities are not installed prior to recordation of the plat, a note shall be placed on the face of the plat that states: "Utilities have not been installed at the time of recordation of this plat".
- E. Connection To Public Road Required: The county shall not accept any new subdivision unless the streets within the subdivision, whether public or private, are connected directly to an existing public road. In the event the subdivision is not connected to a public road with an approved minimum standard as determined by the Valley County Road Director, then the subdivider shall construct, or guarantee the construction as provided by this title, a connector road to county standards, either private roads or public roads, which shall provide access to the subdivision. All subdivisions shall be

required to be accessed by a road system that meets the minimum standard as determined by the Valley County Road Director. When access has historically been provided through the subdivision to other ownerships, the subdivider shall provide for continuation of the public right of way.

CHAPTER 7 WILDLAND URBAN INTERFACE FIRE PROTECTION PLAN 10-7-4: SUBMISSION REQUIREMENTS:

- A. General: All developers of proposed subdivisions shall provide a wildland urban interface fire protection plan (the plan) for review and approval by the planning and zoning commission with their preliminary plat application or planned unit development submittal.
- B. Content: The plan shall be based upon a site specific wildfire risk assessment that includes consideration of location, topography, aspect, flammable vegetation, climatic conditions and fire history. The plan shall address water supply, access, fire protection systems and equipment, defensible space, and vegetation management.
 - 1. Preparation: The plan shall be developed by a "professional" (see definition in section <u>10-7-2</u> of this chapter). Professionals can be prequalified by the commission and a list will be maintained at the Valley County planning and zoning office.
 - 3. Submittal, Implementation And Verification:
 - a. The plan shall be submitted with the preliminary plat application to the Valley County planning and zoning office.
 - b. Planned mitigation work must be completed or financially guaranteed prior to the recordation of the final plat. A schedule for the phased completion of mitigation work may be approved in conjunction with recordation of final plats.
 - c. Verification of completed implementation of mitigation actions will be the responsibility of the jurisdictional structural fire district. Where no structural fire district exists, the Valley County sheriff shall appoint a county representative.
 - 4. Exceptions: Proposed administrative plats of less than five (5) lots and proposed subdivisions with lands less than twenty percent (20%) "forested" (see definition in section 10-7-2 of this chapter) are exempt from the professional requirement. For proposed subdivisions fitting these descriptions, the developer may complete the plan (see the fire protection form). The plan for an administrative plat can be approved by the administrator upon receiving an approval letter from the fire district.
 - 5. Cost: The cost and implementation of the plan preparation shall be the responsibility of the applicant.
 - 6. Plan Retention: The approved plan shall be retained at the Valley County planning and zoning office and the jurisdictional fire district or designated agency where no fire district exists.

SUMMARY:

Staff's compatibility rating is a +27.

The Planning and Zoning Commission should do their own compatibility rating prior to the meeting (form with directions attached). Be prepared to submit your compatibility rating or state which lines on staff's compatibility rating needs to be changed.

STAFF COMMENTS / QUESTIONS:

- 1. This site is within the Cascade Fire District and Water District 65. It is not within an irrigation district nor a herd district. The application states there are no water rights.
- 2. The wildland urban interface fire protection plan has not been submitted. A variance is required.
- 3. Does the applicant have legal ingress/egress use of the private roads within Herrick Hills No. 1 Subdivision?

- 4. The continuation of Laurins Lane must be 70-ft of platted right-of-way. Cascade South, the current owners, will either have to sell the applicant the road R-O-W or sign the final plat signature page as an owner.
- 5. The plat also includes a R-O-W dedication alongside an existing private road easement; who would this be dedicated to? Laurin's Lane is a private road.
- 6. The road frontage for Lot 11 is only 29-ft; 30-ft is required.
- 7. Idaho Transportation Department previously required the Herrick Hills subdivision to install a right-turn land and center left-turn lane prior to the sale of the 56th home. At this time, five homes have been constructed on lots in Herrick Hills No. 1 and 1.1.

Question to P&Z Commission:

- 1. Does this subdivision meet the minimum standards in Title 9, Chapter 5, of the Valley County Code in regards to frontage, lot size, etc.? If not, which ones does it not comply with?
- 2. Does this subdivision meet the minimum standards in Title 10 of the Valley County Code in regards to the access road, etc.?
- 3. Are impacts being properly mitigated? If not, which impacts are not mitigated?

Standard of Approval:

- 1. Will the application result in an increase in value of private property? VCC 9-5-2(B)(3).
- 2. Will the approval of the application result in an undue adverse impact on the environment? VCC 9-5-2(B)(3).
- 3. Will the approval of the application result in an undue adverse impact on adjoining properties? VCC 9-5-2(B)(3).
- 4. Will the approval of the application result in an undue adverse impact on governmental services? VCC 9-5-2(B)(3).
- Is the application consistent with the Valley County Comprehensive Plan? VCC 9-5-2(B)(3).
- 6. Conditional uses may be approved only after a C.U.P. has been evaluated to determine that the impacts can be mitigated through conformance with conditions of approval. VCC 9-5-2(A).

These six standards should be a significant focus of attention during the public hearing and deliberations because they need to be resolved in order to justify approval. VCC 9-5-1(C) directs the decision-making body to encourage conditional uses where noncompatible aspects of the application can be satisfactorily mitigated through development agreements for the costs to service providers and impacts to surrounding land uses. Because mitigation measures are a requirement of approval the applicant needs to understand that he/she will be required to perform some off-site improvements. They are not mandatory but without them the application cannot satisfy the mitigation of impacts requirement and would be denied under the ordinance.

ATTACHMENTS:

- Proposed Conditions of Approval
- Blank Compatibility Evaluation and Instructions
- Compatibility Evaluation by Staff
- Location Map
- Aerial Map
- Assessor Plat T.12N R.4E Section 8
- Record of Survey 4-109
- Image from Google Maps
- Photos taken July 24, 2025
- Preliminary Plat
- Responses
- Septic System Handout

Proposed Conditions of Approval

- 1. The application, the staff report, and the provisions of the Land Use and Development Ordinance are all made a part of this permit as if written in full herein. Any violation of any portion of the permit will be subject to enforcement and penalties in accordance with Title 9-2-5; and, may include revocation or suspension of the conditional use permit.
- 2. Any change in the nature or scope of land use activities shall require an additional Conditional Use Permit.
- 3. The issuance of this permit and these conditions will not relieve the applicant from complying with applicable County, State, or Federal laws or regulations or be construed as permission to operate in violation of any statute or regulations. Violation of these laws, regulations or rules may be grounds for revocation of the Conditional Use Permit or grounds for suspension of the Conditional Use Permit.
- 4. Must have an approved storm water management plan and site grading plan approved by the Valley County Engineer prior to any work being done on-site.
- 5. The final plat shall be recorded within two years, or this permit will be null and void.
- 6. Must be able to provide legal ingress/egress access through the private roads of Herrick Hills Subdivision No. 1.
- 7. Sanitary Restrictions must be removed by Central District Health prior to recording the final plat.
- 8. A letter of approval is required from Cascade Fire District. This should include approval of the Wildland Urban Interface Fire Protection Plan.
- 9. The location of any water storage tank for emergency response must be noted on the final plat.
- 10. Must meet requirements of Idaho Transportation Department.
- 11. Must have a fencing plan with neighboring properties if they run livestock for over 30 days per year.
- 12. All easements shall be shown on the final plat.

- 13. A private road declaration shall be recorded with the final plat.
- 14. A Declaration of Installation of Utilities shall be noted on the face of the plat referencing electrical power, phone, and fiber optics (conduit).
- 15. Shall place addressing numbers at the residence and at the driveway entrance if the house numbers are not visible from the road. Said numbers shall contrast with their background and be at least three and one-half inches (3 ½-in) height.
- 16. Shall contact Cascade U.S.P.S. Postmaster to determine if a Cluster Box Unit for mail delivery is appropriate for this development.
- 17. CCR's, if recorded, should address lighting, noxious weeds, septic maintenance, wildfire prevention, fire wise wildland urban interface landscaping requirements, low water/natural landscaping, prohibiting yews in landscaping, dogs being a nuisance to adjacent agricultural uses, and limit each lot to one wood-burning device.
- 18. CCR's shall provide for long-term maintenance of requirements identified in the Wildland Urban Interface Fire Protection Plan and memorialize any buried tanks and their continued maintenance.
- 19. The following notes shall be placed in the notes on the face of the final plat:
 - "The Valley County Board of Commissioners have the sole discretion to set the level of service for any public road; the level of service can be changed."
 - "All lighting must comply with the Valley County Lighting Ordinance."
 - "Only one wood burning device per lot."
 - "Surrounding land uses are subject to change."

END OF STAFF REPORT

Compatibility Questions and Evaluation

Matrix Line # / Use:	Prepared by:
Response YES/NO X Value	Use Matrix Values:
(+2/-2) X 4	1. Is the proposed use compatible with the dominant adjacent land use?
(+2/-2) · X 2	2. Is the proposed use compatible with the other adjacent land uses (total and average)?
(+2/-2) X 1	3. Is the proposed use generally compatible with the overall land use in the local vicinity?
(+2/-2) X 3	Site Specific Evaluation (Impacts and Proposed Mitigation) 4. Is the property large enough, does the existence of wooded area, or does the lay of the land help to minimize any potential impacts the proposed use may have on adjacent uses?
(+2/-2) X 1	5. Is the size or scale of proposed <u>lots and/or</u> structures similar to adjacent ones?
(+2/-2) X 2	6. Is the traffic volume and character to be generated by the proposed use similar to the uses on properties that will be affected by proximity to parking lots, on- site roads, or access roads?
(+2/-2) X 2	7. Is the potential impact on adjacent properties due to the consuming or emission of any resource or substance compatible with that of existing uses?
(+2/-2) X 2	8. Is the proposed use compatible with the abilities of public agencies to provide service or of public facilities to accommodate the proposed use demands on utilities, fire and police protection, schools, roads, traffic control, parks, and open areas?
(+2/-2) X 2	9. Is the proposed use cost effective when comparing the cost for providing public services and improving public facilities to the increases in public revenue from the improved property?
Sub-Total (+)	
Sub-Total ()	
Total Score	

The resulting values for each questions shall be totaled so that each land use and development proposal receives a single final score.

9-11-1: APPENDIX A, COMPATIBILITY EVALUATION:

A. General: One of the primary functions of traditional zoning is to classify land uses so that those which are not fully compatible or congruous can be geographically separated from each other. The county has opted to substitute traditional zoning with a multiple use concept in which there is no separation of land uses. Proposed incompatible uses may adversely affect existing uses, people, or lands in numerous ways: noise, odors, creation of hazards, view, water contamination, loss of needed or desired resources, property values, or infringe on a desired lifestyle. To ensure that the county can continue to grow and develop without causing such land use problems and conflicts, a mechanism designed to identify and discourage land use proposals which will be incompatible at particular locations has been devised. The compatibility evaluation of all conditional uses also provides for evaluations in a manner which is both systematic and consistent.

B. Purpose; Use:

- 1. The compatibility rating is to be used as a tool to assist in the determination of compatibility. The compatibility rating is not the sole deciding factor in the approval or denial of any application.
- 2. Staff prepares a preliminary compatibility rating for conditional use permits, except for conditional use permits for PUDs. The commission reviews the compatibility rating and may change any value.
- C. General Evaluation: Completing the compatibility questions and evaluation (form):
 - 1. All evaluations shall be made as objectively as possible by assignment of points for each of a series of questions. Points shall be assigned as follows:
 - Plus 2 assigned for full compatibility (adjacency encouraged).
 - Plus 1 assigned for partial compatibility (adjacency not necessarily encouraged).
 - 0 assigned if not applicable or neutral.
 - Minus 1 assigned for minimal compatibility (adjacency not discouraged).
 - Minus 2 assigned for no compatibility (adjacency not acceptable).
 - 2. Each response value shall be multiplied by some number, which indicates how important that particular response is relative to all the others. Multipliers shall be any of the following:
 - x4 indicates major relative importance.
 - x3 indicates above average relative importance.
 - x2 indicates below average relative importance.
 - x1 indicates minor relative importance.
- D. Matrix Questions 1 Through 3: The following matrix shall be utilized, wherever practical, to determine response values for questions one through three (3). Uses classified and listed in the left hand column and across the top of the matrix represent possible proposed, adjacent, or vicinity land uses. Each box indicates the extent of compatibility between any two (2) intersecting uses. These numbers should not be changed from proposal to proposal, except where distinctive uses arise which may present unique compatibility considerations. The commission shall determine whether or not there is a unique consideration.

E. Terms:

DOMINANT ADJACENT LAND USE: Any use which is within three hundred feet (300') of the use boundary being proposed; and

- 1. Comprises at least one-half (1/2) of the adjacent uses and one-fourth (1/4) of the total adjacent area; or
- 2. Where two (2) or more uses compete equally in number and are more frequent than all the other uses, the one with the greatest amount of acreage is the dominant land use; or
- 3. In all other situations, no dominant land use exists. When this occurs, the response value shall be zero.
 - LOCAL VICINITY: Land uses within a one to three (3) mile radius. The various uses therein should be identified and averaged to determine the overall use of the land.

F. Questions 4 Through 9:

- In determining the response values for questions 4 through 9, the evaluators shall consider the information contained in the application, the goals and objectives of the comprehensive plan, the provisions of this title and related ordinances, information gained from an actual inspection of the site, and information gathered by the staff.
- 2. The evaluator or commission shall also consider proposed mitigation of the determined impacts. Adequacy of the mitigation will be a factor.

APPENDIX A

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MATRIX FOR RATING	Course Ly Camers	1. AGRICULTURAL		2. RESIDENCE, S.F.	3. SUBDIVISION, S.F.	4. M.H. or R.V. PARK	5. RESIDENCE, M.F.	6. SUBDIVISION, M.F.	7. P.U.D., RES.		8. REL., EDUC & REHAB	9. FRAT or GOVT	10 PUBLIC UTIL. (1A-3.1)	11. PUBLIC REC.	12. CEMETERY	13. LANDFILL or SWR. PLANT		14. PRIV. REC. (PER)	15. PRIV. REC. (CON)	16. NEIGHBORHOOD BUS.	17. RESIDENCE BUS.	18. SERV. BUS.	19. AREA BUS.	20. REC. BUS.		21. LIGHT IND.	22. HEAVY IND.	23. EXTR. IND.
					JA	PES PALL		KE			SERVICE USES				CIA				COMMERCIAL USES				hi.	INDOST.				

RATE THE SOLID SQUARES AS +2

Compatibility Questions and Evaluation

Matrix Line # / Use:	Prepared by:
YES/NO X Value	Use Matrix Values:
(+2/-2) <u>+2</u> x 4 <u>+8</u>	1. Is the proposed use compatible with the dominant adjacent land use?
(+2/-2) <u>-/</u> x 2 <u>-2</u>	2. Is the proposed use compatible with the other adjacent land uses (total and average)? Agricultural
(+2/-2) <u>+/</u> X 1 <u>+/</u>	3. Is the proposed use generally compatible with the overall land use in the local vicinity?
(+21-2) <u>+2</u> x 3 +6	Site Specific Evaluation (Impacts and Proposed Mitigation) 4. Is the property large enough, does the existence of wooded area, or does the lay of the land help to minimize any potential impacts the proposed use may have on adjacent uses? Large, with the
(+2/-2) +2×1 +2	5. Is the size or scale of proposed <u>lots and/or</u> structures similar to adjacent ones?
(+21-2) +2 X 2 +4	6. Is the traffic volume and character to be generated by the proposed use similar to the uses on properties that will be affected by proximity to parking lots, onsite roads, or access roads?
(+2/-2) <u>+/</u> X 2 <u>+2</u>	7. Is the potential impact on adjacent properties due to the consuming or emission of any resource or substance compatible with that of existing uses?
(+2/-2) <u>+/</u> X 2 <u>+2</u>	yes, somewhy remit
	Is the proposed use cost effective when comparing the cost for providing public services and improving public facilities to the increases in public.

(--) _ 2 Sub-Total

Sub-Total

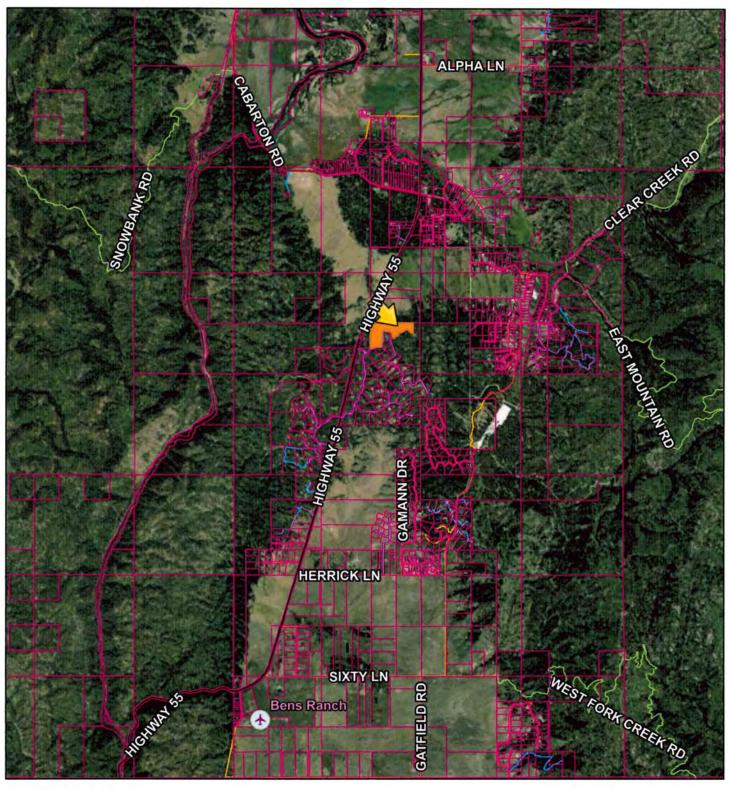
Total Score

revenue from the improved property?

1 Taxa, Private Road

The resulting values for each questions shall be totaled so that each land use and development proposal receives a single final score.

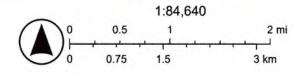
SUB 25-014 Location Map



6/4/2025, 11:31:05 AM

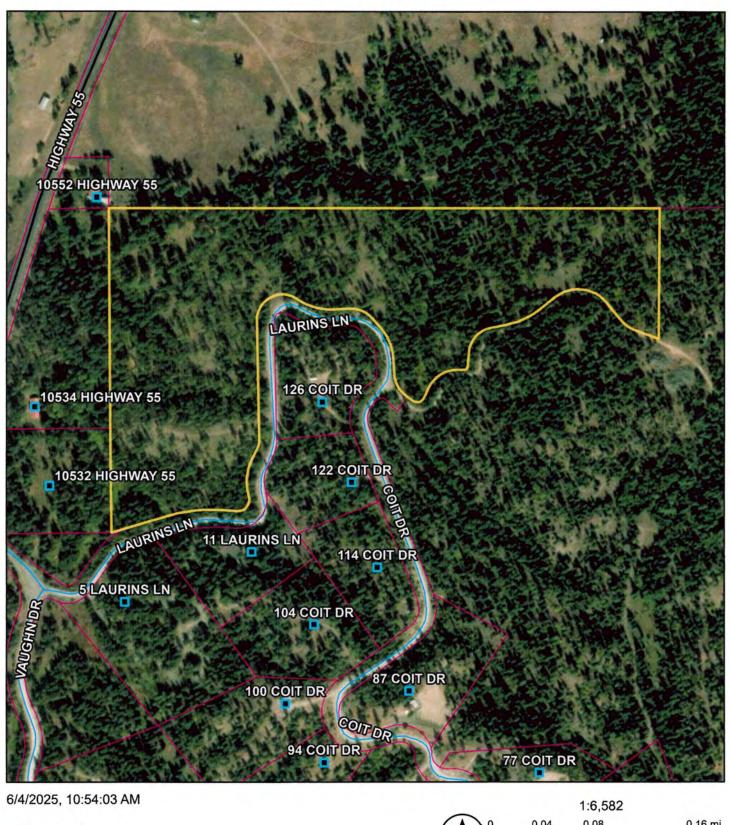
Airstrips

Parcel Boundaries



Earthstar Geographics

SUB 25-014 Aerial Map





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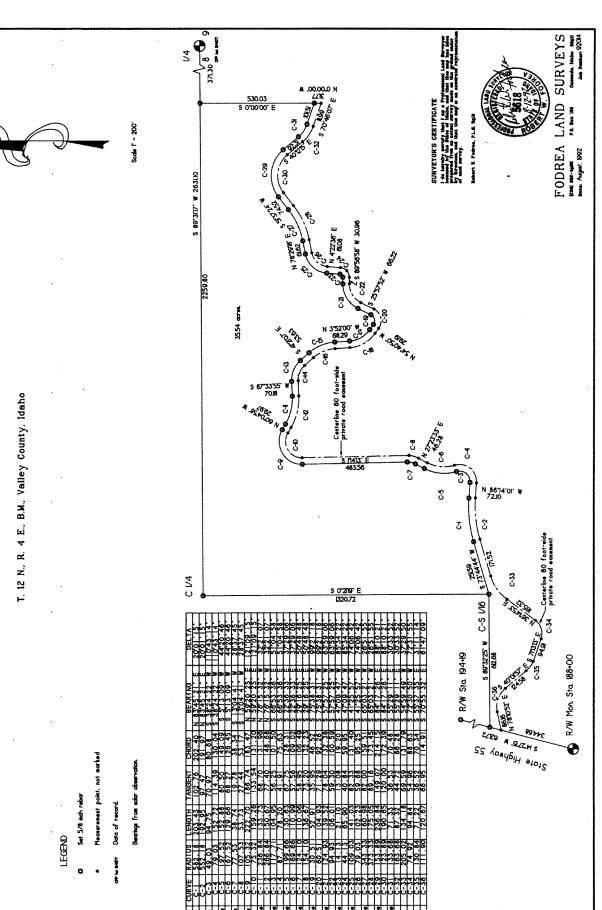
Filename:
Valley County Base Map
Scale: #== 400 ft. VALLEY COUNTY Cartography Dept. Assessor's Office Cascade, ID 83611 PLAT TITLE Date: 4/14/2025 Drawn by: L Frederick TWP・-222 RO4E SEC・08 7204 0525 0003 1805 60.169 ac Tax No. 12 78.217 ac Tax No. 8 20.000 ac Survey 15-24 35.838 ac Survey 15-89 Survey 8-43 Survey 14-7 Tax No. 7 SUBD. NO. I 0620 HERRICK 16.426 ac Sulvey 13-177 CN16 1,000 ac 26,78 4805 Tax No. 2 8.044 ac \$255 Tax No. 4 5.431 ac 2404 HERRICK SUBD. 149.256 ac WIGN 3005 80.000 ac 18.577 as (Healas) * MM W918

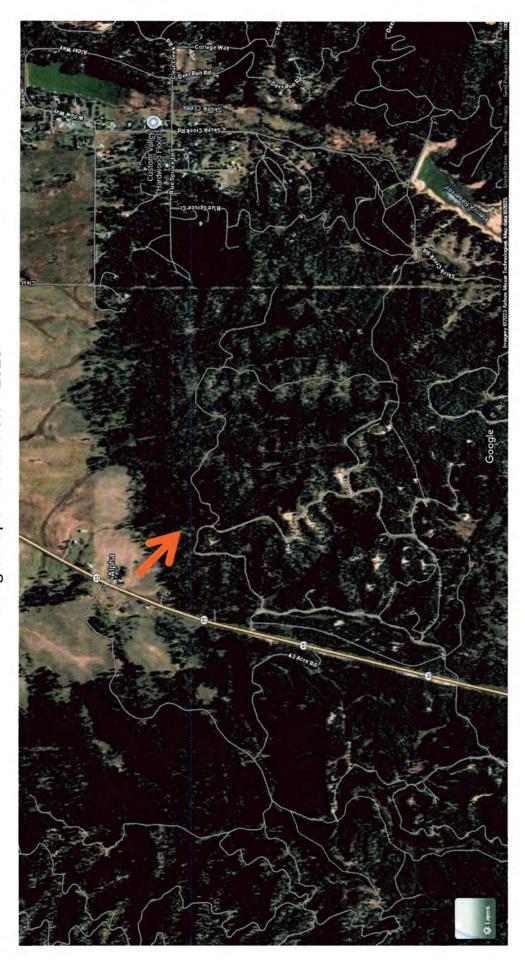
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RECORD OF SURVEY

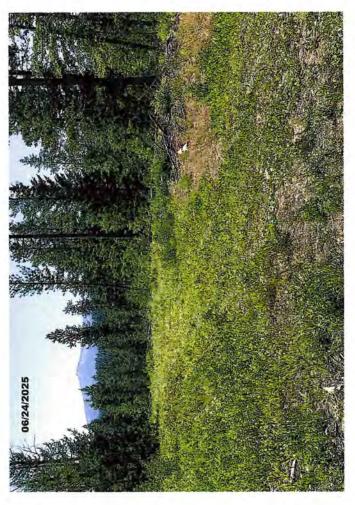
For Boise Cascade Corporation A Percel of Lead Located in the

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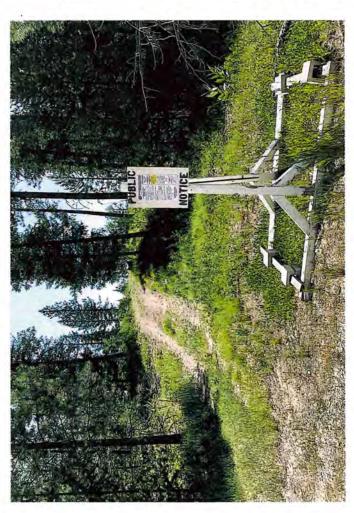


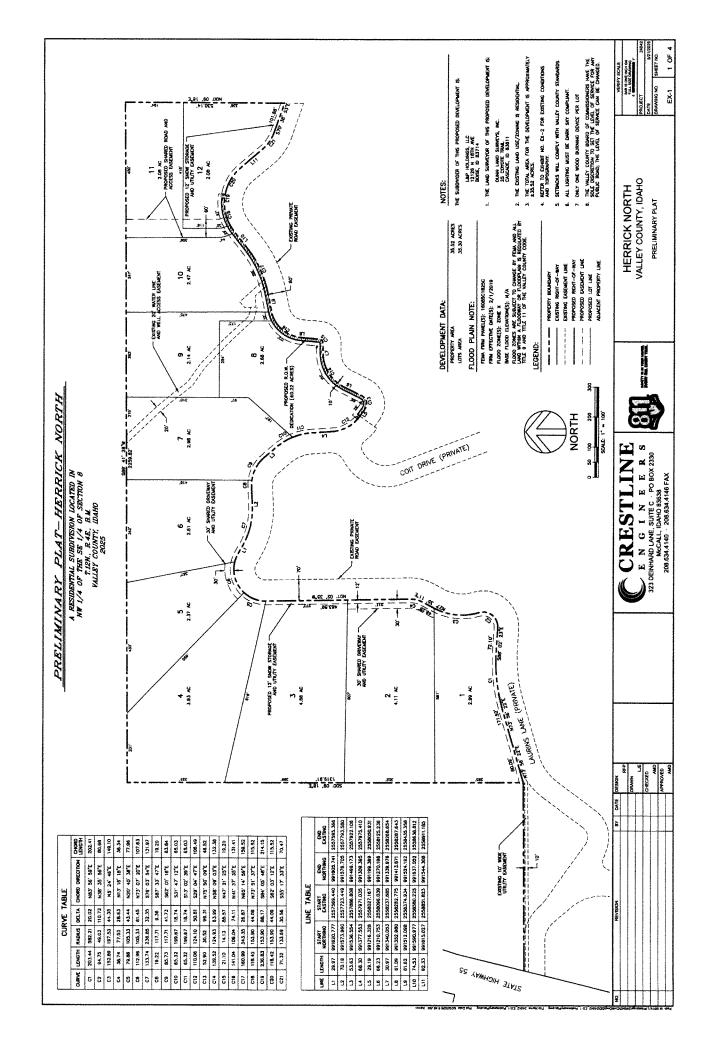
Google Maps - Aerial View - 2025











		CENTRAL Valley County Transmittal DISTRICT DIVISION of Community and Environmental Health one #	Return to: Cascade Donnelly McCall
1			☐ McCall Impac
		ditional Use #iminary/Final/Short Plat_Sub_25-0:4 Flerrick North	☑-Valley County
	1.	We have No Objections to this Proposal.	
	2.	We recommend Denial of this Proposal.	
	3.	Specific knowledge as to the exact type of use must be provided before we can comment on this Pro	oposal.
	4.	We will require more data concerning soil conditions on this Proposal before we can comment.	
U [*]	5.	Before we can comment concerning individual sewage disposal, we will require more data concerning of: Thigh seasonal ground water waste flow characteristics other other	
	6.	This office may require a study to assess the impact of nutrients and pathogens to receiving ground waters.	waters and surface
	7.	This project shall be reviewed by the Idaho Department of Water Resources concerning well construavailability.	ction and water
	8.	After written approvals from appropriate entities are submitted, we can approve this proposal for: central sewage	water well
	9.	The following plan(s) must be submitted to and approved by the Idaho Department of Environmenta central sewage community sewage system sewage dry lines central water	
	10.	Run-off is not to create a mosquito breeding problem	
	11.	This Department would recommend deferral until high seasonal ground water can be determined if considerations indicate approval.	other
	12.	If restroom facilities are to be installed, then a sewage system MUST be installed to meet Idaho State Regulations.	e Sewage
	13.	We will require plans be submitted for a plan review for any: food establishment swimming pools or spas child care continued beverage establishment grocery store	enter

Montering and engineering very

Date: __

Herrick North SUB 25-014.

From: Kendra Conder < Kendra. Conder@itd.idaho.gov>

Sent: Wednesday, July 2, 2025 3:24 PM

To: Cynda Herrick <cherrick@valleycountyid.gov>

Subject: Herrick North SUB 25-014.

Good Afternoon Cynda,

I wanted to send you updated comments for Herrick North, application SUB 25-014.

I understand Herrick North is separate of the subdivision that was originally conditioned for the turn lanes, therefore, ITD will allow the applicant to install the turn lanes prior to any Phase 2 development.

Please let me know if you have any questions!

Kendra Conder

District 3 | Development Services Coordinator Idaho Transportation Department

Office: 208-334-8377 Cell: 208-972-3190



IDAHO TRANSPORTATION DEPARTMENT

P.O. Box 8028 • Boise, ID 83707-2028 (208) 334-8300 • itd.idaho.gov

June 16, 2025

Lori Hunter Planner 219 North Main Street Cascade, ID 83611

VIA EMAIL

Development Application	SUB 25-014
Project Name	Herrick North
Project Location	Herrick Road & SH-55
Project Description	12 Single-Family Lots
Applicant	L&P Holdings LLC

The Idaho Transportation Department (ITD) reviewed the referenced application(s) and has the following comments:

- 1. Through previous agreements and permit applications, ITD has required the Herrick Hills subdivision to install a right-turn lane and center left-turn lane prior to the sale of the 56th home. As of today, these mitigations have not been constructed.
- 2. The Department requires the applicant to work with the County and existing Herrick Hills subdivision to determine if that threshold has been met.
- 3. If that threshold has been met, or will be met with Herrick North, ITD will require the turn lanes to be constructed prior to receiving any approval from the Department.
- 4. ITD reserves the right to make further comments upon review of the submitted documents.

If you have any questions, you may contact me at 208-334-8377.

Sincerely,

Kendra Conder

Development Services Coordinator

Kendra.conder@itd.idaho.gov

Kendra Conder

From: Cynda Herrick <cherrick@valleycountyid.gov>

Sent: Thursday, June 12, 2025 9:01 AM

To: Kendra Conder < Kendra.Conder@itd.idaho.gov>
Cc: Lori Hunter < Ihunter@valleycountyid.gov>
Subject: Re: Public Hearing Notice - July 10, 2025

I do not know. It is a different developer, different property. The previous developer abandoned his plans to further develop Herrick Hills to the east and has sold the land in large parcels so that he would not have to put in turn lanes.

Cynda Herrick, AICP, CFM Valley County Planning and Zoning Director Floodplain Coordinator PO Box 1350 Cascade, ID 83611 (208)382-7116

"Live simply, love generously, care deeply, speak kindly, and leave the rest...."

Service Transparent Accountable Responsive

From: Kendra Conder < Kendra.Conder@itd.idaho.gov>

Sent: Thursday, June 12, 2025 8:37 AM

To: Cynda Herrick <cherrick@valleycountyid.gov>
Cc: Lori Hunter <lhunter@valleycountyid.gov>
Subject: RE: Public Hearing Notice - July 10, 2025

From what I can see Herrick Hills was conditioned to install turn lanes at the sale of the 56th lot. I don't think that has occurred, so I am trying to figure out the best way to get those lanes constructed. I don't want to put that condition on a different developer; however, they will need to go in. I am open to any thoughts or suggestions!

Kendra Conder

District 3 | Development Services Coordinator Idaho Transportation Department Office: 208-334-8377

Cell: 208-972-3190



YOUR Safety *** D- YOUR Mobility *** J- YOUR Economic Opportunity

From: Cynda Herrick <cherrick@valleycountyid.gov>

Sent: Thursday, June 12, 2025 8:19 AM

To: Kendra Conder < Kendra.Conder@itd.idaho.gov>
Cc: Lori Hunter < Ihunter@valleycountyid.gov>
Subject: Re: Public Hearing Notice - July 10, 2025

Hello,

That would be difficult for us to track. We do not get sales information. I would think that all the Lots in Herrick Hills are sold. But, most do not have building permits.

Would we be liable to guarantee that type of tracking...obligated to enforce?

Cynda Herrick, AICP, CFM Valley County Planning and Zoning Director Floodplain Coordinator PO Box 1350 Cascade, ID 83611 (208)382-7116

"Live simply, love generously, care deeply, speak kindly, and leave the rest...."

Service Transparent Accountable Responsive

From: Kendra Conder < Kendra.Conder@itd.idaho.gov>

Sent: Wednesday, June 11, 2025 3:48 PM

To: Cynda Herrick < cherrick@valleycountyid.gov Subject: RE: Public Hearing Notice - July 10, 2025

It looks like Herrick Hills is required to install turn lanes prior to the sale of the 56th lot. Would the county support counting the lots in Herrick North towards the 56?

Kendra Conder

District 3 | Development Services Coordinator Idaho Transportation Department Office: 208-334-8377

Cell: 208-972-3190

From: Cynda Herrick < cherrick@valleycountyid.gov >

Sent: Wednesday, June 11, 2025 1:56 PM

To: Kendra Conder < Kendra.Conder@itd.idaho.gov > Subject: Fw: Public Hearing Notice - July 10, 2025

Hello,

Herrick Hills North is a stand alone application. It is not part of Phase 1 or Phase 2...it is a different developer.

Cynda Herrick, AICP, CFM Valley County Planning and Zoning Director Floodplain Coordinator PO Box 1350 Cascade, ID 83611 (208)382-7116

"Live simply, love generously, care deeply, speak kindly, and leave the rest...."

Service Transparent Accountable Responsive

From: Lori Hunter < lhunter@valleycountyid.gov>

Sent: Wednesday, June 11, 2025 1:17 PM

To: Cynda Herrick < cherrick@valleycountyid.gov; Kendra Conder < kendra.conder@itd.idaho.gov

Subject: Fw: Public Hearing Notice - July 10, 2025

Cynda - see below email from Kendra with ITD.

Lori

From: Kendra Conder < Kendra.Conder@itd.idaho.gov>

Sent: Wednesday, June 11, 2025 12:59 PM
To: Lori Hunter < lhunter@valleycountyid.gov
Subject: RE: Public Hearing Notice - July 10, 2025

Hi Lori,

Does the county consider Herrick Hills North as part of Phase 1 or phase 2 of Herrick hills?

Kendra Conder

District 3 | Development Services Coordinator Idaho Transportation Department Office: 208-334-8377

Cell: 208-972-3190

From: Lori Hunter < lhunter@valleycountyid.gov>

Sent: Monday, June 9, 2025 2:06 PM

Subject: Public Hearing Notice - July 10, 2025

I've attached the P&Z agenda for the upcoming meeting. Please let me know if you would like more information.

Information for the upcoming meeting, such as notices, applications, and staff reports, are posted at: www.co.valley.id.us

McKenzie - Please post on social media. Thanks.

Please update my email address to lhunter@valleycountyid.gov. Thank you.

Lori Hunter
Valley County Planning & Zoning Planner II
208-382-7115
219 N. Main Street • P.O. Box 1350
Cascade, ID 83611
Service Transparent Accountable Responsive



CASCADE RURAL FIRE PROTECTION DISTRICT P.O. BOX 825 CASCADE, ID 83611-0825 109 EAST PINE STREET

June 26, 2025

To: Cynda Herrick

Valley County Planning and Zoning

RE: CUP 25-014 Herrick North

I have reviewed C.U.P. 25-014 for the Preliminary Plat for Herrick North. The Cascade Rural Fire Protection District (CRFPD) requires the following:

- The roads within Herrick North Subdivision shall be built to Valley County Road Department Standards.
- Driveways within Herrick North Subdivision shall be built to International Fire Code Standards 2018. Section 503 Fire Apparatus Access Roads explains the standard to which the driveways shall be built to.
 - 503.2.3 **Surface.** Fire Apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be surfaced so as to provide all weather driving capabilities.
 - 503.2.5 **Dead Ends.** Dead-end fire apparatus access roads in excess of 150 feet in length shall be provided with an approved area for turning around fire apparatus. Appendix D, Fire Apparatus Access Roads, is attached that shows approved turnarounds for dead end access roads.
 - 503.7 **Driveways.** Driveways will provide a minimum 12 feet wide and a minimum unobstructed height of 13 feet 6 inches. Driveways in excess of 150 feet in length need to be provided with an approved turnaround. Driveways in excess of 200 feet in length and less than 20 feet in width may require turnouts in addition to turnarounds.
 - o Shared driveways shall be 20 feet wide and approved by CRFPD prior to final plat approval.
 - 503.7.6 **Grade.** The gradient for driveways cannot exceed 10 percent grade.
- A fire protection water supply is required by CRFPD.

- One 30,000-gallon underground water tank is required for Herrick North Subdivision.
 - Water tank shall be designed to accommodate Fire Apparatus drafting using a 6" connection, contact CRFPD for details.
- The refilling and maintenance of the underground water tank shall be the responsibility of the property owner.
- Tank shall be maintained to provide year-round access

If you have any questions, please contact me directly,

Stere HULL

Thanks
Steven Hull
Fire Chief
Cascade Rural Fire District
steve@cascaderuralfire.com



June 17, 2025

Lori Hunter
Planning and Zoning
Star City Hall
P.O. Box 1350
Cascade, Idaho 83611
Ihunter@valleycountyid.gov

Subject:

Public Hearing Notice - July 10, 2025

Dear Ms. Hunter:

Thank you for the opportunity to respond to your request for comment. While DEQ does not review projects on a project-specific basis, we attempt to provide the best review of the information provided. DEQ encourages agencies to review and utilize the Idaho Environmental Guide to assist in addressing project-specific conditions that may apply. This guide can be found at:

https://www.deg.idaho.gov/public-information/assistance-and-resources/outreach-and-education/.

The following information does not cover every aspect of this project; however, we have the following general comments to use as appropriate:

AIR QUALITY

- Please review IDAPA 58.01.01 for all rules on Air Quality, especially those regarding fugitive dust (58.01.01.651), and trade waste burning (58.01.01.600-617).
- For new development projects, all property owners, developers, and their contractor(s) must ensure that reasonable controls to prevent fugitive dust from becoming airborne are utilized during all phases of construction activities per IDAPA 58.01.01.651.
- DEQ recommends the city/county require the development and submittal of a dust prevention and control plan for all construction projects prior to final plat approval. Dust prevention and control plans incorporate appropriate best management practices to control fugitive dust that may be generated at sites.
- Citizen complaints received by DEQ regarding fugitive dust from development and construction activities approved by cities or counties will be referred to the city/county to address under their ordinances.
- Per IDAPA 58.01.01.600-617, the open burning of any construction waste is prohibited. The
 property owner, developer, and their contractor(s) are responsible for ensuring no prohibited
 open burning occurs during construction.
- For questions, contact David Luft, Air Quality Manager, at (208) 373-0550.

2. WASTEWATER AND RECYCLED WATER

- DEQ recommends verifying that there is adequate sewer to serve this project prior to approval. Please contact the sewer provider for a capacity statement, declining balance report, and willingness to serve this project.
- IDAPA 58.01.16 and IDAPA 58.01.17 are the sections of Idaho rules regarding wastewater and
 recycled water. Please review these rules to determine whether this or future projects will
 require DEQ approval. IDAPA 58.01.03 is the section of Idaho rules regarding subsurface
 disposal of wastewater. Please review this rule to determine whether this or future projects
 will require permitting by the district health department.
- All projects for construction or modification of wastewater systems require preconstruction approval. Recycled water projects and subsurface disposal projects require separate permits as well.
- DEQ recommends that projects be served by existing approved wastewater collection systems
 or a centralized community wastewater system whenever possible. Please contact DEQ to
 discuss potential for development of a community treatment system along with best
 management practices for communities to protect ground water.
- DEQ recommends that cities and counties develop and use a comprehensive land use
 management plan, which includes the impacts of present and future wastewater management
 in this area. Please schedule a meeting with DEQ for further discussion and recommendations
 for plan development and implementation.

For questions, contact Valerie Greear, Water Quality Engineering Manager at (208) 373-0550.

3. DRINKING WATER

- DEQ recommends verifying that there is adequate water to serve this project prior to approval.
 Please contact the water provider for a capacity statement, declining balance report, and willingness to serve this project.
- IDAPA 58.01.08 is the section of Idaho rules regarding public drinking water systems. Please review these rules to determine whether this or future projects will require DEQ approval.
- All projects for construction or modification of public drinking water systems require preconstruction approval.
- DEQ recommends verifying if the current and/or proposed drinking water system is a regulated public drinking water system (refer to the DEQ website at: https://www.deq.idaho.gov/water-quality/drinking-water/. For non-regulated systems, DEQ recommends annual testing for total coliform bacteria, nitrate, and nitrite.
- If any private wells will be included in this project, we recommend that they be tested for total coliform bacteria, nitrate, and nitrite prior to use and retested annually thereafter.
- DEQ recommends using an existing drinking water system whenever possible or construction
 of a new community drinking water system. Please contact DEQ to discuss this project and to
 explore options to both best serve the future residents of this development and provide for
 protection of ground water resources.
- DEQ recommends cities and counties develop and use a comprehensive land use management plan which addresses the present and future needs of this area for adequate, safe, and sustainable drinking water. Please schedule a meeting with DEQ for further discussion and recommendations for plan development and implementation.

For questions, contact Valerie Greear, Water Quality Engineering Manager at (208) 373-0550.

4. SURFACE WATER

- Please contact DEQ to determine whether this project will require an Idaho Pollutant Discharge Elimination System (IPDES) Permit. A Multi-Sector General Permit from DEQ may be required for facilities that have an allowable discharge of storm water or authorized non-storm water associated with the primary industrial activity and co-located industrial activity. For questions, contact James Craft, IPDES Compliance Supervisor, at (208) 373-0144.
- If this project is near a source of surface water, DEQ requests that projects incorporate
 construction best management practices (BMPs) to assist in the protection of Idaho's water
 resources. Additionally, please contact DEQ to identify BMP alternatives and to determine
 whether this project is in an area with Total Maximum Daily Load stormwater permit
 conditions.
- The Idaho Stream Channel Protection Act requires a permit for most stream channel
 alterations. Please contact the Idaho Department of Water Resources (IDWR), Western
 Regional Office, at 2735 Airport Way, Boise, or call (208) 334-2190 for more information.
 Information is also available on the IDWR website at: https://idwr.idaho.gov/streams/stream-channel-alteration-permits.html
- The Federal Clean Water Act requires a permit for filling or dredging in waters of the United States. Please contact the US Army Corps of Engineers, Boise Field Office, at 10095 Emerald Street, Boise, or call 208-345-2155 for more information regarding permits.

For questions, contact Lance Holloway, Surface Water Manager, at (208) 373-0550.

5. SOLID WASTE, HAZARDOUS WASTE AND GROUND WATER CONTAMINATION

- Solid Waste. No trash or other solid waste shall be buried, burned, or otherwise disposed of at
 the project site. These disposal methods are regulated by various state regulations including
 Idaho's Solid Waste Management Regulations and Standards (IDAPA 58.01.06), Rules and
 Regulations for Hazardous Waste (IDAPA 58.01.05), and Rules and Regulations for the
 Prevention of Air Pollution (IDAPA 58.01.01). Inert and other approved materials are also
 defined in the Solid Waste Management Regulations and Standards
- Hazardous Waste. The types and number of requirements that must be complied with under the federal Resource Conservations and Recovery Act (RCRA) and the Idaho Rules and Standards for Hazardous Waste (IDAPA 58.01.05) are based on the quantity and type of waste generated. Every business in Idaho is required to track the volume of waste generated, determine whether each type of waste is hazardous, and ensure that all wastes are properly disposed of according to federal, state, and local requirements.
- Water Quality Standards. Site activities must comply with the Idaho Water Quality Standards (IDAPA 58.01.02) regarding hazardous and deleterious-materials storage, disposal, or accumulation adjacent to or in the immediate vicinity of state waters (IDAPA 58.01.02.800); and the cleanup and reporting of oil-filled electrical equipment (IDAPA 58.01.02.849); hazardous materials (IDAPA 58.01.02.850); and used-oil and petroleum releases (IDAPA 58.01.02.851 and 852). Petroleum releases must be reported to DEQ in accordance with IDAPA 58.01.02.851.01 and 04. Hazardous material releases to state waters, or to land such that there is likelihood that it will enter state waters, must be reported to DEQ in accordance with IDAPA 58.01.02.850.

Ground Water Contamination. DEQ requests that this project comply with Idaho's Ground Water Quality Rules (IDAPA 58.01.11), which states that "No person shall cause or allow the release, spilling, leaking, emission, discharge, escape, leaching, or disposal of a contaminant into the environment in a manner that causes a ground water quality standard to be exceeded, injures a beneficial use of ground water, or is not in accordance with a permit, consent order or applicable best management practice, best available method or best practical method."

For questions, contact Matthew Pabich, Waste & Remediation Manager, at (208) 373-0550.

6. ADDITIONAL NOTES

- If an underground storage tank (UST) or an aboveground storage tank (AST) is identified at the site, the site should be evaluated to determine whether the UST is regulated by DEQ. EPA regulates ASTs. UST and AST sites should be assessed to determine whether there is potential soil and ground water contamination. Please call DEQ at (208) 373-0550, or visit the DEQ website https://www.deq.idaho.gov/waste-management-and-remediation/storage-tanks/leaking-underground-storage-tanks-in-idaho/ for assistance.
- If applicable to this project, DEQ recommends that BMPs be implemented for any of the
 following conditions: wash water from cleaning vehicles, fertilizers and pesticides, animal
 facilities, composted waste, and ponds. Please contact DEQ for more information on any of
 these conditions.

We look forward to working with you in a proactive manner to address potential environmental impacts that may be within our regulatory authority. If you have any questions, please contact me, or any of our technical staff at (208) 373-0550.

Sincerely,

Troy Smith

Regional Administrator

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Top 10 Ways to Be a Good Septic Owner

- Have your system inspected every three years by a qualified professional or according to your state/ local health department's recommendations
- Have your septic tank pumped, when necessary, generally every three to five years
- Avoid pouring harsh products (e.g., oils, grease, chemicals, paint, medications) down the drain
- Discard non-degradable products in the trash (e.g., floss, disposable wipes, cat litter) instead of flushing them
- Keep cars and heavy vehicles parked away from the drainfield and tank
- Follow the system manufacturer's directions when using septic tank cleaners and additives
- Repair leaks and use water efficient fixtures to avoid overloading the system
- Maintain plants and vegetation near the system to ensure roots do not block drains
- Use soaps and detergents that are low-suds, biodegradable, and low- or phosphate-free
- Prevent system freezing during cold weather by inspecting and insulating vulnerable system parts (e.g., the inspection pipe and soil treatment area)





SAM

A Homeowner's Guide to Septic Systems



Idaho Department of Environmental Quality 1410 N. Hilton Boise, ID 83706

January 2001

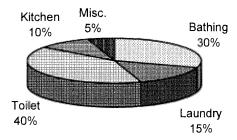


Do you have a home septic system? As an Idaho resident, there is a good chance you do—thirty-six percent of Idaho's homes, or about 210,000 residences, use septic systems to treat their sewage. These systems discharge more than 53 million gallons of wastewater into Idaho's soils annually, and this figure grows each year. In 1999, Idaho's seven health districts issued over 6,100 permits for new septic systems.

Septic systems dispose of household sewage, or wastewater, generated from toilet use, bathing, laundry, and kitchen and cleaning activities. Because septic systems are underground and seldom require daily care, many homeowners rarely think about routine operations and maintenance. However, if a septic system is not properly designed, located, constructed, and maintained, groundwater may become contaminated.

Household Wastewater

Households that are not served by public sewers depend on septic tank systems to treat and dispose of wastewater. Household wastewater carries with it all wastes that go down the drains in our homes, including human waste, dirt, food, toilet paper, soap, detergents, and cleaning products. It contains dissolved nutrients, household chemicals, grease, oil, microorganisms (including some that cause disease), and solid particles. If not properly treated by your septic system, chemicals and microorganisms in wastewater can travel through the soil to groundwater and pose a health hazard.



The average person uses between 50 and 75 gallons of water per day; mostly in the bathroom. Reducing your water use will help your septic system to work more efficiently.

Your Septic System

A conventional septic system has three working parts: a septic tank, a drainfield, and surrounding soil.

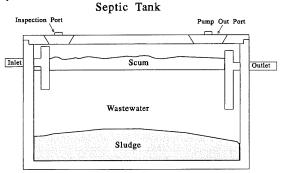
Septic Tank

Septic tanks can be made of concrete, fiberglass, or plastic and must be approved by the state. Minimum sizes of tanks have been established for residences based on the number of bedrooms in the dwelling. In Idaho, a 1,000-gallon septic tank is required for homes with three or four bedrooms. Larger tanks are required for larger homes. Local district health departments issue permits for septic systems and specify the minimum size tank. Some systems installed before the current rules and regulations may have smaller septic tanks.

A septic tank has three main functions:

- to remove as many solids as possible from household wastewater before sending the liquid, called "effluent," to a drainfield;
- to decompose solids in the tank; and
- to store solids that do not decompose.

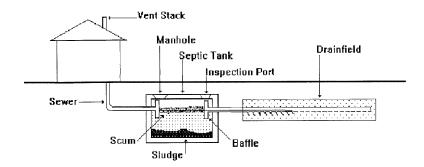
When raw wastewater enters the tank, heavy solids sink to the bottom of the tank as sludge. Light solids, such as grease and paper, float to the surface as scum. During the wastewater storage period, bacteria digest organic material in the wastewater. During this process, the solid material is reduced in volume and composition. Solids that do not decompose accumulate in the tank and eventually must be pumped out.



Tees, or baffles, are provided at the tank's inlet and outlet pipes. The inlet tee slows the incoming wastes and reduces disturbance of the settled sludge. The outlet tee keeps the solids and scum in the tank. As new wastewater enters the tank through the inlet tee, an equal amount of wastewater is pushed out of the tank through the outlet tee. The effluent that leaves the tank has been partially treated but still contains disease-causing bacteria and other pollutants.

Drainfield

Each time raw wastewater enters the tank it forces an equal amount of effluent into a drainfield. A standard drainfield is composed of a series of perforated pipes buried in gravel-filled trenches in the soil. The effluent seeps out of the perforated pipes and percolates through the gravel to the soil.



Soil

The soil below the drainfield provides the final treatment and disposal of the septic tank effluent. After the effluent has passed into the soil, most of it percolates downward and outward, eventually entering the groundwater. Soils are critical to the treatment of septic tank wastewater.

A system that is not functioning properly will release nutrient-rich and bacterial-laden wastewater into the groundwater and/or surface water. These contaminated waters pose a significant public health threat to people that come into contact with them. Wastewater that moves with groundwater can transport bacteria considerable distances. This can result in a threat to public health and adversely affect the quality of ground and surface waters.

Caring for Your Septic System

Installing Your System

In order to have a septic system installed on your property, you must first obtain a permit. Permit applications are available from your local district health department. Next, you must have a site evaluation performed. Make arrangements for this with your district health department and with a licensed septic system installer. Note that not all property is suitable for septic systems, so some permits may be denied. It is recommended that you have a site evaluation performed before you purchase property. Finally, have your system installed by a licensed installer and inspected by your local health district. Provide regular, preventative, maintenance to keep your system running smoothly.

Inspecting Your System

When too much sludge and scum are allowed to accumulate in your tank, the incoming sewage will not have enough time in the septic tank for solids to settle. Solids may flow to the drainfield and clog the pipes, causing the sewage to overflow to the ground surface, where it exposes humans and animals to disease-causing organisms. To prevent this from happening, it is very important to inspect your tank regularly and have it serviced when needed. All tanks have accessible manholes for inspecting and pumping. Some excavation work may be needed to uncover the manhole.

Properly designed tanks should have enough capacity for three to eight years of use before needing service. This is dependent upon the amount of wastewater generated. It is recommended that an average family of four have its septic tank pumped out every three to five years. Don't wait for signs of system failure to have your tank pumped. Your tank should be checked annually to measure sludge and scum levels. A licensed septic tank pumper can provide a septic tank inspection and recommend when the tank should be pumped. A tank inspection should include measuring the depth of scum and sludge and inspecting the tees in the septic tank.

If you do the inspection yourself, it is important to understand that septic tanks always appear full because both the inlet and the outlet are at the top of the tank. What you will need to know is how much of the tank's volume is being taken up by scum and sludge. When sludge and scum take up more than 35 percent of the tank volume, these solids need to be removed by pumping. A pole wrapped in a course weave cloth can be used to check the sludge depth. An extension on the pole can be used to measure the scum depth. Record these measurements as part of your pumping records. To check the tees, uncover the inspection ports.

Never allow anyone to enter your septic tank. Dangerous gases and the lack of oxygen can kill in minutes.

While it is impractical to inspect the pipes in your drainfield, it is important to watch for drainfield failure or overuse. See "Warning Signs of System Failure" in this booklet for information.

Maintaining Your System

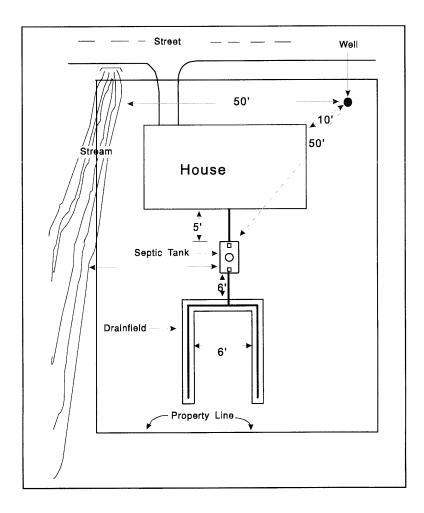
Pumping your septic tank every three years (or as determined by your inspections) will remove accumulations of solids, help keep the drainfield from becoming clogged, and help prevent you from experiencing sewage backups or septic system failure. An accumulation of sludge exceeding 35% of the total water depth in the septic tank could cause solids to enter the drainfield and clog the system. Hire a licensed septic tank pumper to pump your tank for you.

Mapping Your System

In order to take proper care of your septic system, you must know the location of the septic tank and drainfield. The location of your septic tank can be determined from plot plans, septic system inspection records, architectural or landscape drawings, or from observations of the house plumbing. If you do not have access to drawings, find where the sewer pipe leaves your house. Some installers mark the location where the waste pipe comes out of the house with an "S" on the foundation. You may want to do this as well. Probe in the ground 10 to 15 feet directly out from the location where the pipe leaves your house to find your tank.

Once the septic tank has been located, make several plot plan diagrams (with measurements) that include a rough sketch of your house, septic tank cover, drainfield area, well, and any other permanent reference points (such as trees or large rocks) and place them with your important papers. You'll find a sample system diagram on the next page, and a place to draw your own inside the front cover of this booklet. You may also want to hang a diagram in your garage and provide one to your local district health office.

Maintain a permanent record of any septic system maintenance, repair, sludge and scum levels, pumping, drainfield condition, household backups, and operations notes.



Create a septic system diagram, similar to this one, for your system.

Warning Signs of System Failure

While proper use, inspections, and maintenance should prevent most septic tank problems, it is still important to be aware of changes in your septic system and to act immediately if you suspect a system failure. There are many signs of septic system failure:

- surfacing sewage or wet spots in the drainfield area;
- plumbing or septic tank backups;
- slow draining fixtures;
- gurgling sounds in the plumbing system;
- sewage odors in the house or yard (note that the house plumbing vent on the roof will emit sewage odors and this is normal); and
- tests showing the presence of bacteria in well water.

If you notice any of these signs, or if you suspect your septic tank system may be having problems, contact a licensed septic system professional or your local district health agency for assistance.

Septic System Dos and Don'ts

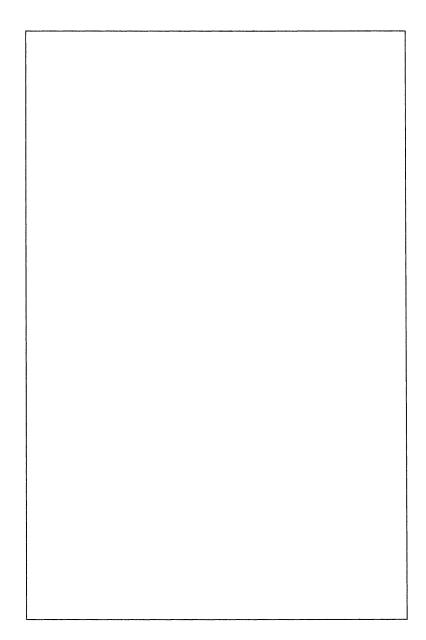
Proper operation of a septic system can prevent costly repairs or replacement. Observing the following guidelines will help to keep your system running efficiently.

Do

- ...practice water conservation. The more wastewater you produce, the more wastewater your system must treat and dispose. By reducing and balancing your use, you can extend the life of your system and avoid costly repairs.
 - O Use water saving devices such as low flow showerheads.
 - o Repair leaky faucets and plumbing fixtures immediately.
 - o Reduce toilet reservoir volume or flow.
 - o Take short showers.
 - Take baths with a partially filled tub.
 - o Wash only full loads of dishes and laundry.
 - o Shut off the water while shaving or brushing your teeth.
 - o Balance your water use (e.g., avoid washing several loads of laundry in one day).
- ...keep accurate records. Know where your septic tank is, keep a diagram of its location using the space provided in this booklet, and keep a record of system maintenance.
- ...inspect your system annually. Check the sludge and scum levels inside the tank and periodically check the drainfield for odors, wet spots, or surfacing sewage.
- ...pump your system routinely. Pumping your septic tank is probably the single most important thing you can do to protect your system.
- ...keep all runoff away from your system. Water from roofs and driveways should be diverted away from the septic tank and drainfield area. Soil over your system should be mounded slightly to encourage runoff.
- ...protect your system from damage. Keep vehicles and livestock off your drainfield. The pressure can compact the soil or damage the pipes. Before you dig for any reason, check the location of your system and drainfield area.
- ...landscape your system properly. Plant grass over the drainfield area. Don't plant trees or shrubs or place impermeable materials, such as concrete or plastic, over the drainfield.
- ...use cleaning chemicals in moderation and only according to manufacturer's directions.

Don't

- ...flood irrigate over your system or drainfield area. The best way to irrigate these areas is with sprinklers.
- ...use caustic drain openers for clogged drains. Use boiling water or a drain snake to clean out clogs.
- ...enter a septic tank. Poisonous gases or a lack of oxygen can be fatal.
- ...use septic tank additives. They are not necessary for the proper functioning of your tank and they do not reduce the need for pumping. In fact, some additives can even harm your system.
- ...flush harmful materials into your tank. Grease, cooking oil, coffee grounds, sanitary napkins, and cigarettes do not easily decompose in septic tanks. Chemicals, such as solvents, oils, paints, and pesticides, are harmful to your systems operation and may pollute groundwater.
- ...use a garbage disposal. Using a garbage disposal will increase the amount of solids entering the septic tank and will result in the need for more frequent pumping.



Map your septic system here

For More Information

If you need to obtain a permit for a new or replacement septic system, or if you have questions about septic systems and their operation and maintenance, please contact your local health district.

Panhandle District Health Department 8500 N. Atlas Road Hayden, ID 83835 208-415-5100

North Central District Health Department 215 10th Street Lewiston, ID 83501 208-799-0353

Southwest District Health Department 920 Main Street Caldwell, ID 83605 208-455-5400

Central District Health Department 707 N. Armstrong Place Boise, ID 83704 208-327-7499

South Central District Health Department 1020 Washington Street North Twin Falls, ID 83303 208-734-5900

Southeastern District Health Department 1901 Alvin Ricken Drive Pocatello, ID 83201 208-239-5270

District 7 Health Department 254 "E" Street Idaho Falls, ID 83402 208-523-5382