



Subdivision Septic System Feasibility Application instructions

Where sewer is not available or practical, the drainage systems of all wastewater (kitchen, bathroom, laundry, etc.) from subdivision building developments are required to be connected to onsite wastewater systems (septic systems). Planning and zoning agencies require septic tank feasibility for proposed buildable lots. The Bear River Health department administers and grants septic feasibility in Cache, Box Elder, and Rich counties. The Subdivision Septic System Feasibility Application is for starting the feasibility approval process. The completed application and fees should be mailed or returned to one of the following offices according to which area your proposed subdivision is located:

Cache or Rich County

BRHD Logan office
85 E 1800 N
North Logan, UT 84341
Phone: 435-792-6570

Box Elder County South

BRHD Brigham City office
992 S 800 W
Brigham City, UT 84302
Phone: 435-695-2065

Box Elder County North

BRHD Tremonton office
440 W 600 N
Tremonton, UT 84337
Phone: 435-792-6500 ext. 4138

The following list of information will help assist you in completing the feasibility process:

- 1- Fill out the Subdivision Septic System Application and pay applicable fees.
- 2- Submit a copy of a county assessor parcel map with your parcel(s) highlighted and a preliminary plat map. The plat map needs to include the following where applicable:
 - 1) The location, type, and depth of all existing and proposed non-public water supply sources within 200 feet of the proposed onsite wastewater systems, and of all existing or proposed public water supply sources within 1,500 feet of the proposed onsite wastewater systems.
 - a) If the subdivision is located in aquifer recharge areas or areas of other particular geologic concern, this office may require such additional information relative to ground water movement, or possible subsurface wastewater flow.



- b) If any of the proposed lots are located within any drinking water source protection zone two area(s), these zones shall be shown on the preliminary plat.
 - 2) The location and distance to nearest sewer, owner of sewer, whether property is located within service boundary, and size of sewer.
 - 3) Existing easements
 - 4) Ground surface contours
- 3- Consult with a health inspector to determine placement and number of soil exploration pits. You will be responsible for hiring a backhoe operator to dig the soil exploration pit(s). Septic system contractors are good place to find a backhoe operator. A list of septic system contractors that have had some septic system training by this office can be downloaded at www.brhd.org. The list is located under Services→Environmental→Subdivision septic application instructions button click. Each soil pit is to be dug to a depth of at least 12 feet or until the water table, whichever comes first. Each soil pit is to be dug at least 4 feet below the bottom of the proposed absorption system. For deep basement proposed homes, soil pits may need to be dug to 16 feet. One end of each soil pit needs to be gently sloped for partial entry access of the health inspector.
- 4- Coordinate (**one week notice**) with your assigned health inspector on soil exploration pit digging arrangements so that the inspector can be onsite at the same time the pit(s) will be dug. The soil pit(s) should be immediately backfilled after they have been evaluated by the health inspector for safety reasons.
- 5- The inspector will evaluate the soil/site conditions and then inform you, if applicable, on the number of percolation tests to be completed and appropriate test depths. Percolation tests are conducted at your expense by a state certified person. A list of certified percolation testers can be downloaded at www.brhd.org and is located by clicking on the Subdivision septic application instructions button.
- 6- If applicable, the maximum ground water table will need to be determined by regular monitoring of the water table in an observation well during the peak season of ground water flow. The peak season for high groundwater is generally from April through May and sometimes can be during the summer irrigation season. A water table monitoring fee is required.

A review of all information, plans, and proposals, and site work will be completed by the inspector. In some cases, additional information such as engineering reports may be needed to complete the review. When all conditions have been met, a feasibility letter will be sent to your planning/zoning agency stating the results of the review.

When the subdivision has been reviewed and approved by the applicable planning and zoning agency, a signature block on the final plat will need to be signed by this office. If there are any requirements in the feasibility letter for information to be recorded on the final plat, that information must be found on the final plat or it cannot be signed. Plat signature arrangements can be made by calling this office. Once the subdivision final plat has been recorded, septic permits can be applied for on the building lots.



SUBDIVISION SEPTIC SYSTEM FEASIBILITY APPLICATION

COUNTY ASSESSOR'S PARCEL NUMBER(S):	
APPLICANT NAME:	EMAIL:
MAILING ADDRESS:	PHONE NUMBER:
	PROPERTY OWNER:
APPROXIMATE SITE ADDRESS:	SUBDIVISION NAME:
	COUNTY:

If a public water system is to be used, have water connections been approved for the proposed lots:
If a private water system is to be used, what is the water right number(s) or date(s) right(s) applied for:
How many new lots proposed:

I certify that the information given is true and correct to the best of my knowledge

Signature:	Date:
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Subdivision Feasibility Fees

(OFFICE USE ONLY)

Applicable fees

- Site feasibility.....\$100 per each proposed new lot
- Water table monitoring.....\$300 (includes up to three piezometers)
- Plan review.....\$75/hr
- Additional site visit.....\$75
- Additional plat signatures\$10



List of Perc Testers

Updated June-2021

Name	County	Phone #
Brandon Bailey	Box Elder	(801) 643-5420
Clayton Grover	Box Elder	(435) 230-0085
Jason Grover	Box Elder	(435) 230-0087
Larry Hess	Box Elder	(435) 230-0277
Steve Huggins	Box Elder	(435) 452-1711
Ben Andersen	Cache	(435) 554-0520
Jay Apedaile	Cache	(435) 760-3103
Bethany Burton	Cache	(208) 851-2980
Ron Christensen	Cache	(435) 245-5246
Richard Jex	Cache	(435) 753-2051
Scott Morrill	Cache	(435) 713-0100

**This is a list of certified perc testers in Cache and Box Elder counties. For a complete statewide list, please go to the following website link:

<https://documents.deq.utah.gov/water-quality/certification/DWQ-2017-000801.pdf>



Septic Installer list

The following is a list of contractors that have had basic training in septic installation taught by the Bear River Health Department

Company name	Owner/employee names	Date of Training	City	Phone
Braegger & Sons, Inc.	Kenneth Braegger	2008	Willard	435-730-4381, 435-239-8366
Gallegos Construction	Jason Parker		Perry	435-723-5703
Grover Excavating	Clayton Grover, Jason Grover, Josh Bingham	2015	Tremonton	435-230-0085, 435-230-0087
HLS Construction	Steven Haramoto, Keenan Haramoto, Kelly Haramoto	2015	Elwood, Petersboro	435-230-2805
John Rae Excavation	Skylar Hunsaker	2019	Tremonton	435-230-8917
Landis Septic Service	Linford Landis	2008	Tremonton	435-257-6575
Misrasi Excavation	George Misrasi, Steve Lackey	2015	Elwood	435-237-9354, 435-279-5005
Rupp Trucking	Blair Rupp	2008	Tremonton	435-230-0167
Whitaker Construction	Jim Whitaker	2008	Brigham City	435-723-2921
Birch Creek	Shawn Cronquist	2008	Smithfield	435-752-4164
Blackrock Excavating	Nick Galloway	2008	Benson	435-753-4271, 435-881-1130
Christensen Construction & Pipe	Bret Christensen, Taylor Christensen, Sid Christensen	2015	Cove	435-994-0588, 435-258-0506
Double C Construction	Richie Calderwood	2008	Clarkston	
Hancey's Backhoe	Kyle Hancey, Dusty Hancey	2015	Millville	435-770-5164, 435-760-9472
JKT Construction	Jed Woodward	2015	Newton	435-770-9339
Johnson Excavating	Kim Johnson	2015	Logan	435-753-0883
K & D Excavation	Kent/Doug Petersen	2015	Smithfield	435-994-0641
Murray Excavating	Brad Murray	2008	Wellsville	435-770-5482
NW King & Sons	Brent King	2015	Lewiston	435-770-3203
Thuricon Inc.	Todd Thurston	2015	Smithfield	435-770-3203
Webb Excavating	Brent Webb, Brian Webb	2015	Richmond	435-994-1844, 435-994-0668
Coats Rooter Service	Darin Coats, Cory Robinson	2015	Weston, ID	208-747-3928, 208-747-3928
KCA Construction	Craig Allen, Kurt Bill	2015	Preston, ID	435-770-0230, 435-770-4200
Stringham Construction	Dan Stringham	2008	Laketown	435-946-3848



Septic Installer list

The following is a list of contractors that have had basic training in septic installation taught by the Bear River Health Department

TBP Construction	Troy Petersen	2008	Garden City	435-946-8844
Telford Excavation	Laurel Telford	2008	Randolph	435-793-3315
Fusion Pipeline Inc.	Drew Lamont, Noel Rodriguez	2016	Tremonton	435-754-7057