

SANITATION IN SUBDIVISIONS CHECKLIST
Department of Environmental Quality Review

THE FOLLOWING INFORMATION MUST BE SUBMITTED IN **DUPLICATE TO THE JEFFERSON COUNTY SANITARIAN**. REVIEW WILL BEGIN ONCE A COMPLETE APPLICATION IS RECEIVED.

- [] Two copies of the Certificate of Survey or Plat of the Subdivision
- [] A signed Subdivision Review Joint Application form
- [] A check made payable to DEQ for \$590.00 (minimum) *per* lot being reviewed (subject to changes due to type of septic system required)
- [] A total of **four** copies of a lot layout on 8 1/2" X 11" paper - show proposed (existing) septic system location as well as replacement areas; location of proposed (existing) well and the separation distance from the drainfield area; distances from any surface water (lakes, streams, ponds, drainages) or neighboring wells and septic systems and building envelopes. Show the location of test pits on the lot layout. *Drawing must be to scale or have critical distances labeled.*
- [] Designate location of property on a topographical map. (Maps are available online)
- [] Submit the closest available water well logs to demonstrate an acceptable quantity of water is available. (These can be found on Montana Tech's website - <http://mbmggwic.mtech.edu/>)
- [] Submit a water sample from a well in the proposed subdivision, or if none exist, from a well within one mile from the site. Nitrate plus nitrite as well as specific conductance must be analyzed. (Bottles and forms are available at Jefferson County Environmental Health Department)
- [] Submit the results of a bacteriological analysis for every **existing** water supply system within the proposed subdivision. (Bottles and forms are available at Jefferson County Environmental Health Department)
- [] A 7-10 foot test pit within 25 feet of **each** proposed wastewater treatment system is required to determine the soil profile and depth to groundwater. A site visit will be made by the Jefferson County Environmental Health Department **only** after the submittal of the items listed above.
- [] Parcels with existing septic systems must show proof that tank has been pumped within the last three years
- [] Letter from DNRC regarding water rights
- [] Letter from DNRC regarding sage grouse (effective January 1, 2016)

**THE FOLLOWING ITEMS MUST BE CALCULATED
BY A QUALIFIED PERSON**

- [] Address storm water runoff - explain what will be done on your property to minimize the effects of runoff due to development (i.e. culverts, berms, etc.)
- [] A Nitrate sensitivity analysis and a phosphorus breakthrough calculation must be performed on your property by a qualified person to demonstrate that the installation of septic systems will not degrade state waters. Properties within 1/2 mile of surface water must also provide a trigger value analysis. The following people are often used, however, you are not obligated to use them exclusively.

Mark Westergard – 920-0125

Tony Prothero – Shedhorn Engineering 439-8027

Water & Environmental Technologies - 782-5220

Barb Kingery - RBK Consulting LLC – 417-1281

Casne & Associates, Inc. – 443-1656 OR Any Engineering Firm

Circle C Engineering LLC - 406-591-4269