

SANITATION IN SUBDIVISIONS CHECKLIST Department of Environmental Quality Review

THE FOLLOWING INFORMATION MUST BE SUBMITTED 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 \$405.00 *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 at <http://maps2.nris.state.mt.us/scripts/esrimap.dll?name=LocMap&Cmd=Map>)
- [] 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://mbmgwic.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. The following people are often used, however, you are by no means 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
OR Any Engineering Firm