Table 1: Description of each watershed with the impacts and pollutants that results from specific land uses.				
Sub Watershed	**Land Uses**	**Impacts**	**Pollutants**	**Water Quality Measurements**
Gold Creek	Mining	Increased runoff Loss of riparian vegetation Roads and surface disturbances away from stream as well	Metals Sediment Acid mine drainage (AMD)	High temperature High turbidity Low nitrates Low pH Medium dissolved oxygen
Straight Shot Stream	Housing Developments Commercial Developments	Increased runoff Pet waste Loss of riparian vegetation Impervious surfaces Channelization Increased types of pollutants (oil/gas, stuff sent down storm drains, metals from brakes) Pharmaceuticals and personal care products (PPCPs) Septic systems Waste water treatment plants (WWTP) discharge Dumping yard waste	Fertilizers Pesticides Sediment Oil and gas PPCPs Stuff down storm drains Nitrous oxides from combustion engines (autos)	High temperature High turbidity High nitrates Neutral pH Low dissolved Oxygen
Red Ribbon River	Irrigation Feedlots Pastures	Animal waste Increased nutrients Loss of riparian Vegetation Compacted banks Increased erosion	Nitrogen Phosphorous Pesticides	High temperature High turbidity High nitrates Neutral pH Low dissolved oxygen
Capital Creek	Nuclear power plant	Cooling systems that require water	High temperature water discharge	High temperature Medium turbidity Low nitrates Neutral pH Low dissolved oxygen
Off Road Dream Stream	Recreation Logging/logging Roads	Loss of riparian vegetation Roads lead to increased erosion	Sediment Biological debris in streams (if poorly managed)	High temperature High turbidity Low nitrates Neutral pH Low dissolved oxygen
Mayfly River	Recreation	Snowpack High elevation Riparian vegetation	Possibly e coli from wildlife	Low temperature Low turbidity Low nitrates Low-neutral pH High dissolved oxygen