Hydrologic Processes **SWMM** Representation Subcatchment boundary Valley subcatchment boundary evapotranspiration precipitation infiltration Valley subcatchment Ridge subcatchment Precipitation Precipitation (hourly) / Infiltration | stream flow ET, Surface runoff Infiltration Valley channel GW recharge GW outflow Stream flow routed to main channel

Figure A-2 Conceptualization of Sub-basin Disaggregation

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