
6.0 Groundwater Withdrawal

To simulate the groundwater conditions during operation of the water supply wells, groundwater is extracted from the model at the location of each source. The rates are based on the withdrawal permit for each source (**Table 1**).

To address the impact of well interference, groundwater is extracted from other public water supply wells (DEP, 2013), and wells registered under the DEP Water Use Planning program (DEP, 2010), (**Figure 4**). Twenty-one water supply wells were identified within the modeled area, totaling one million gallons per day of permitted and/or registered groundwater withdrawal from the study area.