

5.35.4 Groundwater Issues

Generally, gravel pits have high infiltration rates. Therefore, there is potential risk of groundwater contamination. Water that seeps from Barton Pit probably flows easterly and probably does not contribute to the groundwater feeding Valley Creek. However, there is a large bedrock fault east of the site and likely several smaller faults in the general area. The faults combined with high capacity pumping wells could influence the groundwater flow patterns in the area. More information regarding groundwater flow patterns is discussed in two groundwater studies, in which the VBWD was a partner. The studies were completed in the summer of 2005, and are discussed in Section 4.6.

