



Groundwater well field Contamination Mechanisms

By Leta Gudissa Shaqa

VDM Verlag Mrz 2011, 2011. Taschenbuch. Book Condition: Neu. 220x150x6 mm. This item is printed on demand - Print on Demand Neuware - Water is the most essential nutrient for life existence. The ability to predict the rate and direction of groundwater flow in the aquifer systems would be of great value in planning and implementing the remediation of contaminated aquifers. Natural concentrations of contaminants are low in waters and soils but the problem aggravates when human activities locally upset the natural cycle. The results of current study can be applied in establishing preventive strategies and control further expansion of groundwater contamination, in preparing a working model for solving similar problems elsewhere. The current study aims to identify the pathways of pollutants and travel times of contamination. There is a high risk of vulnerability of the well field to pollution. Environmental policy with regard to waste disposal and agricultural practices to be allowed in the area must be implemented with particular emphasis for the protection zones around the well field. Therefore the current study is a strong instrument in alleviating problems of drinking water. The Manuscript is useful to professionals in geosciences and environmental fields or researchers. 104 pp. Englisch.



Reviews

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