

Groundwater Management In El Paso, Texas - William Hutchison

[DOWNLOAD HERE](#)

Groundwater represents an important supply source for municipal and irrigation uses in Far West Texas. The City of El Paso receives about 50 percent of its municipal water supply from surface water and 50 percent from local groundwater. Groundwater pumping in El Paso is from the Hueco Bolson and the Mesilla Bolson. Historic groundwater pumping in the Texas portion of the Mesilla Bolson has not resulted in significant changes in groundwater levels or groundwater quality in existing wells. Historic pumping in the Hueco Bolson has resulted in lowered groundwater levels and brackish groundwater intrusion. The groundwater level declines have resulted in the intrusion of brackish groundwater into areas that historically pumped fresh groundwater. A 1979 assessment concluded that El Paso would deplete fresh groundwater in the Hueco Bolson by 2030 if groundwater pumping continued to increase. Partly as a result of the 1979 assessment, El Paso reduced its groundwater pumping from the Hueco Bolson by increasing surface water diversions from the Rio Grande, increasing conservation efforts, and increasing reclaimed water use. As a result, groundwater levels in many parts of the Hueco Bolson have stabilized. Brackish groundwater intrusion remains an issue, and is being addressed with a brackish groundwater desalination plant, currently under construction. The new wells and existing wells that will supply this desalination plant will also assist in the management of brackish groundwater intrusion by intercepting the brackish groundwater before it can flow towards existing fresh groundwater wells. The 2006 Far West Texas Regional Water Plan contemplates a groundwater transfer project to meet increasing demands in El Paso County beginning about 2030, mostly from the Dell City area in Hudspeth County, Texas. Groundwater management in the Dell City area is governed by a groundwater conservation district that has established limits on groundwater pumping based on existing and historic uses. Groundwater pumping for irrigation began in the Dell City area in 1948, and groundwater levels have been essentially stable for since the 1980s. Future planning for a groundwater transfer project will require a detailed understanding of the hydrogeology of the groundwater in the Dell City area.

Author: Hutchison, William
Publisher: Dissertation.Com
Illustration: N
Language: ENG
Title: Groundwater Management in El Paso,

[DOWNLOAD HERE](#)

Similar manuals:

[Tomatoe With Many Syringes Shots Genetic Engineering Gene Technology Genetically Modified Changend Manipulated Food](#)

[An Old Roof With Modern Technology On It](#)

[An Old House With Modern Technology On Its Roof](#)

[Royalty Free Stock Photos TECHNOLOGY TV Stereo Radio Laptop](#)

[Capsicum Filled With Strawberry, Symbolic Image For Genetic Engineering](#)

[Orange Filled With A Kiwi, Symbolic Image For Genetic Engineering](#)

[Orange Filled With A Kiwi, Symbolic Image For Genetic Engineering](#)

[Orange Filled With A Kiwi, Symbolic Image For Genetic Engineering](#)

[Engineering Mathematics - John Bird](#)

[BTEC First Engineering - Mike Tooley](#)

[Basic Engineering Mathematics - , John Bird](#)

[Higher Engineering Mathematics - John Bird](#)

[Film Technology In Post Production - Dominic Case](#)

[Audio Post Production For Television And Film: An Introduction To Technology And Techniques - , Tim Amyes](#)

[Music Technology Workbook: Key Concepts And Practical Projects - , Steven Gurevitz](#)

[Basic TV Technology: Digital And Analog - Robert L Hartwig](#)

[Newnes Engineering Science Pocket Book - John Bird](#)

[Mechanical Engineering Principles - , Carl T. F. T. F. Ross](#)

[Mechanical Engineering: Level 2 NVQ - , Penny Powdrill](#)

[Engineering Fundamentals - Roger Timings](#)

[Mechanical Engineering - Alan Darbyshire](#)

[Electrical Circuit Theory And Technology - John Bird](#)

[Light And Heavy Vehicle Technology - M J Nunney](#)

[Engineering Science - W. Bolton](#)

[Higher Engineering Mathematics - , John Bird](#)

[Nano Robots And Bacteria, Concept Nanotechnology In Medicine, 3D Illustration](#)

[The Freelancer's Guide To Corporate Event Design: From Technology Fundamentals To Scenic And Environmental Design - Troy Halsey](#)

[BTEC First Engineering - Mike Tooley](#)

[Engineering Mathematics Pocket Book - John Bird](#)

[Electrical Circuit Theory And Technology - John Bird](#)

[Power Over Peoples: Technology, Environments, And Western Imperialism, 1400 To The Present - Daniel R. R. Headrick](#)

[Project Management For Healthcare Information Technology - , David Masuda](#)

[Work-Integrated Learning In Engineering, Built Environment And Technology: Diversity Of Practice In Practice](#)

[Technology And Young Children: Bridging The Communication-Generation Gap](#)

[Handbook Of Research On Computational Science And Engineering: Theory And Practice \(2 Vol\)](#)

[Advanced Vehicle Technology](#)

[Handbook Of Nanostructured Materials And Nanotechnology, Five-Volume Set](#)

[Darwin's Devices: What Evolving Robots Can Teach Us About The History Of Life And The Future Of Technology - John Long](#)

[Semantic Technologies For Business And Information Systems Engineering: Concepts And Applications](#)

[Information Technology In Water And Wastewater Utilities, WEF MOP 33 - Water Environment Federation](#)

[Sound Technology And The American Cinema: Perception, Representation, Modernity - James Lastra](#)

[Geometric And Engineering Drawing 3E - K. Morling](#)

[HP CM8060/8050 Color MFP & Edgeline Technology Service Manual](#)

[Technology In Postwar America: A History - Carroll Pursell](#)

[Engineering Mathematics - John Bird](#)

[Advanced Motorsport Engineering - Andrew Livesey](#)

[Museum Informatics: People, Information, And Technology In Museums - , Katherine Burton Jones](#)

[Crafting Your Research Future: A Guide To Successful Master's And PhD Degrees In Science & Engineering - , Qiang Yang](#)

[PLR Technology Articles Pack 1](#)

[11th Mediterranean Conference On Medical And Biomedical Engineering And Computing 2007](#)