

Reference

## **Watershed Planning for Grand County, Utah**

### **ADDITIONAL INFORMATION**

[Center for Watershed Protection.](#)

[Colorado River documents.](#) On The Colorado.

[Earth Explorer.](#) Maps, aerial photos, satellite imagery.

[Watershed Management.](#) Southwest Hydrology. University of Arizona, Tucson.

[Watershed Planning.](#) Environmental Protection Agency.

[National NEMO Network](#)

### **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

[Watershed Mapping](#)

[Handbook for Developing Watershed Plans to Restore and Protect Our Water](#)

[Growth and Water Resources Fact Sheet](#)

### **FUNDRAISING**

[EPA](#)

### **GEOLOGY**

#### **Geohydrology**

1971 - [Geology and water resources of the Spanish Valley area, Grand and San Juan Counties, Utah.](#) US Geological Survey. Sumsion.

1977 - [A digital model of ground-water flow in Spanish Valley, Grand and San Juan Counties, Utah.](#) US Geological Survey. Eychaner.

1990 - [Ground-water conditions in the Grand County area, Utah, with emphasis on the Mill Creek-Spanish Valley area.](#) US Geological Survey. Blanchard.

1991 - [Geohydrology of Mesozoic rocks in the upper Colorado River basin in Arizona, Colorado, New Mexico, Utah and Wyoming, excluding the San Juan basin.](#) US Geological Survey. Freethey et al.

1997 - [Map of recharge areas for the Glen Canyon and valley-fill aquifers, Spanish Valley area, Grand and San Juan Counties, Utah.](#) US Geological Survey. Steiger et al.

1999 - [A summary of the ground-water resources and geohydrology of Grand County, Utah](#). Utah Geological Survey. Eisinger et al.

2000 - [Geohydrology and numerical simulation of ground-water flow in the central Virgin River basin of Iron and Washington Counties, Utah](#). (aquifers in Navajo Sandstone). US Geological Survey. Heilweil et al.

2001 - [Reconnaissance study of age and recharge temperature of groundwater near Moab, Utah](#). University of Utah. Kip Solomon.

2007 - [The Hydrogeology of Moab-Spanish Valley, Grand and San Juan Counties, Utah, with emphasis on maps for water-resource management and land-use planning](#). Utah Geological Survey. Lowe et al. Plates 1-12.

### **Hydrology**

2006 - [The Moab Mill Project](#). A technical report toward reclaiming uranium mill tailings along the Colorado River in Grand County, Utah. Living Rivers.

### **Moab's Sole-Source Aquifer Protection Documents** [Geologic Data](#)

#### [Color Map](#)

#### [Legend: Color Map](#)

2001 - [Drinking Water Source Protection Plan](#)

2001 - [Drinking Water Source Protection Plan](#)

2001 - [Skakel Springs Drinking Water Source Protection Plan](#)

2002 - [Drinking Water Source Protection Plan](#)

### **GRAND COUNTY PLANNING**

1996 - [Public Facilities Analysis](#)

1996 - [General Plan](#)

2000 - [Grand County Land Use Code](#).

2004 - [General Plan Update](#)

### **Johnson's Up-On-Top (Cloudrock)**

2000 - [Moab Land Company: Cloudrock Preliminary Plan](#)

2001 - [Moab Land Company: Cloudrock Preliminary Plan](#)

2007 - [PUD Summary Amendment](#)

2007 - [Amended Agreement](#)

2007 - [Cloudrock Final Plat Phase 1a](#)

2008 - [A Look at Johnson's Up-On-Top](#). Grand County Citizens for Clean Water.

2008 - [Second and Reinstated Development Agreement](#)

2008 - [Cloudrock development withdrawal letter](#)

[Graphics of Johnson's Up-On-Top](#). Includes satellite imagery of the local topography, overlays of the Cloudrock infrastructure, location of the springs and wells, the direction of groundwater flow, and fractures in the Navajo Sandstone.

## **GRAND COUNTY WATERSHEDS**

### **Westwater Canyon Watershed**

[EPA](#)

[USGS](#)

### **Lower Dolores River Watershed**

[EPA](#)

[USGS](#)

### **Kane Springs Watershed**

[EPA](#)

[USGS](#)

## **MOAB CITY PLANNING**

### **Moab City General Plan**

### **Lion's Back Development**

[Preliminary Design Guidelines](#)

[Attachments for preliminary design](#)

[Skakel Springs Drinking Water Source Protection Plan](#)

[Appeal to City of Moab over approval of Lionsback Resort](#)

[Map: Lions Back and Skakel Spring Protection Zone](#)

[Map: City Annexation of Lions Back.](#)

**STATE INSTITUTIONAL TRUST LANDS ADMINISTRATION (SITLA)**

2009 - [Spanish Valley Block Plan](#).

**UTAH DEPARTMENT of ENVIRONMENTAL QUALITY (DEQ)**

[Utah DEQ Watershed Planning Program](#)

[Utah DEQ Watershed Fact Sheets](#)

[Southeast Colorado River Watershed](#)

[Map: Southeast Colorado River Basin](#)

[Bibliography: Southeast Colorado River Basin](#)

[Utah Non-Point Pollution Program, EPA](#)

**UTAH STATE UNIVERSITY**

[Watershed Resources](#)

[Bear River Watershed Council](#)

**WATERSHED PLANNING SAMPLES**

[Kentucky](#)

[Purdue University](#)

[Arizona/NEMO](#)

[Ohio Guide to Developing Watershed Plans](#)

[Illinois Watershed Planning](#)

[Oregon Watershed Councils](#)

**WATERSHED TOOLS**

**Center for Watershed Protection**

[Conducting a Watershed Protection Audit](#)

[Smart Watershed Benchmarking Tool](#)

[Watershed Vulnerability Analysis](#)

If you would like to add documents to this archive, please send them to:  
info@livingrivers.org

Also visit the Resources page of the [Canyonlands Watershed Council](#)