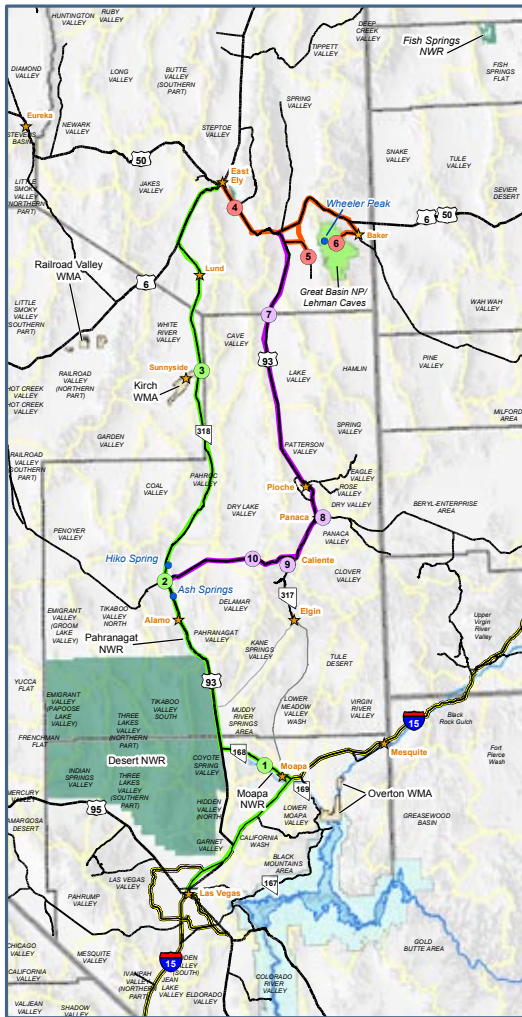


NWRA Field Trip

NWRA REGIONAL TOUR OF THE CARBONATE SYSTEM

June 18-20, 2007



Day 1 —

Stops

- 1 - Muddy Springs
- 2 - Crystal Springs
- 3 - Sunnyside/ Kirch WMA

Day 2 —

Stops

- 4 - Comins Lake
- 5 - Cedar's/Shoshone Ponds
- 6 - Great Basin NP/Lehman Caves

Day 3 —

Stops

- 7 - Geyser Spring
- 8 - Panaca
- 9 - Kershaw-Ryan State Park
- 10 - Oak Springs Summit

8 Stop
★ Town
● Notable Location
 National Wildlife Refuge
 Great Basin National Park
 Wildlife Management Area
 Lake Mead NRA
 Hydrographic Basin
 Interstate
 US Highway
 State Route
 Unpaved Road

This fast-paced three-day tour through southern and eastern Nevada will focus on the science of the the carbonate-aquifer system. Lectures and group discussions will cover many aspects of hydrology, geology and biology as related to this ground-water flow system. Discussion will include:

- Flow Systems
- Structural and Sedimentary Geology
- Springs
- Biology, both aquatic and upland
- Hydrologic Budgets (recharge and discharge)
- Mine Hydrology and Dewatering
- Steptoe and Spring Valley Hydrology
- Cave Formation and Hydrology (Lehman Caves)
- Hydrology of Great Basin National Park

Tour Speakers:

- ❖ **Amy Allworth**, Desert National Wildlife Refuge
- ❖ **Laurie Averill-Murray**, Fish and Wildlife Biologist, U.S. Fish & Wildlife Service
- ❖ **Robert Coache, P.E.**, Deputy Engineer, Nevada Division of Water Resources
- ❖ **Roger Congdon**, Hydrogeologist, U.S. Fish and Wildlife Services
- ❖ **Chris Crookshanks**, Fisheries Biologist, Nevada Department of Wildlife, Ely Field Office
- ❖ **Gary Dixon**, Geologist, Southwest Geology, Inc.
- ❖ **David Donovan**, Hydrologist II, Southern Nevada Water Authority
- ❖ **Jon Hutchings, Ph.D.**, Natural Resource Manager, Eureka County Department of Natural Resources
- ❖ **Jeff Johnson**, Senior Hydrologist, Southern Nevada Water Authority
- ❖ **Michael Johnson**, Chief Hydrologist, Virgin Valley Water District
- ❖ **Frank Lewis**, CH2M Hill
- ❖ **Zane Marshall**, Senior Biologist, Southern Nevada Water Authority
- ❖ **Merry Maxwell**, Project Leader, Pahrnagat National Wildlife Refuge
- ❖ **Dan Netcher**, Lead Geologist, Bureau of Land Management
- ❖ **Paul Podborny**, Lead Natural Resource Specialist, Bureau of Land Management, Ely Field Office
- ❖ **Hugh Ricci, P.E.**, Nevada State Engineer, Retired
- ❖ **Peter Rowley**, Geologist, Geologic Mapping, Inc.
- ❖ **Michael Strobel, Ph.D.**, Deputy Director, U.S. Geological Survey, Nevada Water Science Center
- ❖ **Colby Temple**, Hydrologist I, Southern Nevada Water Authority
- ❖ **John Tennert**, Management Analyst, Southern Nevada Water Authority

Note: An Itinerary and other logistical information will be sent to all registrants.

Fee includes all meals, transportation, Lehman Caves Tour and guidebooks. Participants are responsible for their own hotel reservations and transportation to the initial meeting location at the Tuscany Suites Hotel and Casino in Las Vegas, Monday, June 18, 2007 at 7:30 a.m. The address is: 255 E. Flamingo Road, Las Vegas, NV 89109. The phone number is 877-887-2261 The bus will leave the hotel at 8:00 a.m.

Ely Hotel Information

NWRA has reserved rooms blocks at the following hotels. The deadlines for reserving the rooms is May 1, 2007:

| | |
|--|--|
| Ramada Inn (800) 851-9527 | \$94.00 (Includes Tax and Breakfast) |
| The Prospector (800)750-0557 | \$94.08 (Includes Tax) |
| Jailhouse Motel (775)289-3033 | \$49+Tax |
| Bristlecone Motel (775)289-8838 | \$46+Tax (Single) \$52+Tax (Double) |

NWRA 2007 Carbonate Tour Registration Form

To register, please complete this form. Type or print, one registration form per person. Photocopy as needed. Make checks payable to Nevada Water Resources Association (NWRA). You may also register online at www.nwra.org. Mail to: NWRA, P.O. Box 8064, Reno, NV 89507.

For more information, please call: Donna Bloom at 775-626-6389 or Tina Triplett at 775-473-5473

EARLY Registration (Before May 4, 2007):

| | |
|------------|-------------|
| Speaker | \$290 _____ |
| Member** | \$400 _____ |
| Non-Member | \$495 _____ |

LATE Registration (After May 4, 2007):

| | |
|------------|-------------|
| Member** | \$450 _____ |
| Non-Member | \$545 _____ |

Name: _____

Address: _____

Phone: _____ E-mail: _____

****A member is an individual or organization who paid their 2006 membership dues.**