

Agenda for Natural Resources Groundwater Technician Certification

Monday, March 5, 2007 (9 am – 5 pm)

Kearney Holiday Inn & Convention Center, Kearney, Nebraska

9:00 – 9:50

Flow Meters

Instructor: Ken Quandt – Great Plains Meter

Study Materials:

- Flowmeter Service and Repair
Basic Propeller Flowmeter Principles, Construction, Installation & Operation, prepared by Lonnie Nunnenkamp, Great Plains Meter, Inc. August 2001
Source: Lonnie Nunnenkamp or Ken Quandt, Great Plains Meter, Inc. or Local NRD

10:00 – 10:50

Static Water Level Measurements & Geology

Instructor: Greg Steele

Study Materials:

- Practical Handbook of Ground-Water Monitoring Nielsen
Source: Can be ordered on-line at www.amazon.com or www.bn.com

11:00 – 11:50

Water Sampling Techniques

Instructor Dick Ehrman – NARD

Study Materials

- Nebraska Department of Environmental Quality Standard Operating Procedures (SOPs) for Groundwater Programs
SOPGW 20,60,61 and 100
Source: Available online at <http://www.deq.state.ne.us>
 - click on NDEQ programs
 - click on Groundwater Management Areas
 - scroll to the bottom of page and click Standard Operating Procedures for GW Programs
 - Flowmeter Service and Repair
- Practical Handbook of Groundwater Monitoring – Nielsen
Chapters 8,9,11,12, and glossary
Source: Local NRD office, Library, can order on line at <http://www.amazon.com> or www.bn.com

12:00 – 12:50 (LUNCH ON YOUR OWN)

1:00 – 1:50

Chemigation

Instructor: Dick Ehrman – NARD

Study Materials:

- Extension circular EC 89-730-B Anti-pollution Protection when Applying Chemicals with irrigation systems.
Source: UNL/Extension office/ County Cooperative Service
- Cooperative Extension – Chemigation Videos
Chemigation Management
Chemigation Equipment
- Title 195 – Rules and Regulations Pertaining to Chemigation
Source: Available online at <http://www.deq.state.ne.us>

2:00 – 2:50

Well Licensing & Certificate Requirements

Instructor: Tom Christopherson – Health & Human Services

Study Materials:

- Title 178 – Housing and Environmental Health Services, Chapters 10, 11 and 12
Source: Available online at <http://www.hhs.ne.gov/reg/t178.htm>
- US Geological Survey 7 1/2 minute quadrangle map
Source: UNL Conservation and Survey Division cost \$4.00 each or order online at <http://www.csd.unl.edu/csd/pubcatalog/framepub.htm>

3:00 – 5:00 (Exam)