

Nevada Division of Water Resources (NDWR)

Well Driller Continuing Education Unit (CEU) Program

Nevada Administrative Code (NAC) 534.2923, 2925 and 2927

Introduction and Objectives

During each renewal cycle, (July 1st through June 30th), licensed well drillers are required to earn at least eight (8) continuing education units (CEU's) by attending training sessions or participating in ongoing education sponsored and/or approved by NDWR in order to renew a Nevada Well Driller License. Participation in on-going education allows the driller to stay informed of regulatory, industry, and technological advances and changes. Combining field experience with continuing education enhances the driller's knowledge and abilities. The primary objectives of the Nevada Driller CEU program are:

- Develop a reasonable level of confidence among well drillers and contractors.
- Increase public confidence in the well driller and contractor.
- Increase protection of groundwater resources.
- Increase compliance to well drilling regulations and pertinent statutes.

Nevada CEU Requirements

The following is a summary of the CEU program requirements in accordance with the Regulations for Water Well and Related Drilling.

- **Licensed drillers must complete the NDWR-sponsored "Nevada Well Drilling Regulations and Statutes" once every two (2) years.**
- **Licensed drillers must complete the NDWR-sponsored "How to Properly Complete a Notice of Intent Card, Well Driller's Report, Affidavit of Intent to Abandon and Waiver forms" review course once every two (2) years.**
- Licensed well drillers must earn a minimum of eight (8) CEU's during a 1-year licensing cycle in order to renew their license for the next licensing cycle.
- Well drillers are responsible for obtaining and maintaining the necessary documentation for each course attended and submitting the documentation with their license renewal application.
- Generally, one (1) hour of training or education will equal one (1) CEU. However, some courses that are considered to be valuable by NDWR, but whose content is not directly related to well drilling and may be rated at less than one (1) hour per CEU. Examples are MSHA, OSHA, HAZWOPER and First Responder courses which are rated at one (1) CEU per four (4) classroom hours.
- One (1) CEU may also be assigned to training courses that do not last at least one (1) hour. A course must be a minimum of 45 minutes to receive one (1) CEU.
- A licensed driller who teaches an "approved" CEU course will receive two (2) CEU's for every hour of classroom training up to a maximum of eight (8) CEU's. A licensed driller who teaches the same course more than once during the renewal

period may not obtain more CEU's for teaching the same course a second time. They may receive credit for teaching the same course every other year.

- Up to four (4) CEU'S in excess of eight (8) CEU's can be carried over to the next licensing period. If the licensed well driller has demerit points assessed against their license pursuant to NAC Chapter 534, any extra CEU's may first go towards reducing the total number of demerit points assessed to their license.

CEU Approval Process

NDWR approves training appropriate for CEU's. NDWR may consider recommendations of the Nevada Well Drillers' Advisory Board and keeps a list of approved courses that are updated regularly and can be accessed on NDWR's website at water.nv.gov.

It is responsibility of the licensed driller to decide how, when and where to take the training. Training/education courses should relate to occupational health and safety, business and office skills, interpersonal skills, technical aspects of the drilling industry, or other subjects that will enhance business, technical, or regulatory knowledge, skills, and abilities. A driller may look for training from members of professional associations, government agencies, private businesses, or individuals. A driller can choose from the list of courses, however, a driller is not limited to taking the courses that are on that list. Drillers can look for training opportunities in trade magazines, training flyers, brochures, advertisements in newspapers or mail, and courses offered at universities. Course work should be pre-approved by NDWR so that a driller will know if credit will be granted for a class not on the approved list. A driller may choose to take the course first and then ask for CEU approval, however, there is no guarantee that the course will be approved. The following is a list of topics that relate to well drilling that would be applicable to the CEU program. This list is by no means comprehensive and is for information purposes only.

Well Drilling-Related Education Topics

Nevada Regulations (NAC 534)	Drilling Muds
Water Rights Process	Pump Systems
Geologic Principles	Compressors
Groundwater Principles	Rigs and Maintenance
Cuttings Identification and Description	Bits, Drill Pipe, Collars, Stabilizers
Map Reading and GPS Use	Safety
Aquifer Testing	Contracting & Business
Well Disinfection Issues	Horizontal Drilling
Well Rehabilitation Issues	Hydrofracturing
Water Quality and Geochemistry	MW Construction & Environmental
Surface Seals	Screens & Perforations
Groundwater Contamination	Client Relationships
Drinking Water Regulations	Geophysics & Down Hole Cameras
Hydrology/Hydrogeology	Water Treatment Technology
Well Plugging	Well Maintenance
New Drilling Technology	Water Quality Sampling & Analysis
OSHA Certifications	Well Development
MSHA Certifications	Welding
First Aid/CPR	

Request for a Program or Course Accreditation

If a class or course does not appear as approved as listed on the NDWR website, the well driller or course instructor may obtain prior approval to insure the credits will be accepted. The "**Request for a Program or Course Accreditation**" form is available on NDWR's website. The driller or instructor will be asked to provide information on the course content, instructors, and course length.

Obtaining, Maintaining, and Submitting Training Records

In order to receive credit for a course, the driller must obtain a record of course completion and attendance from the course instructor/provider. This proof of attendance can consist of certificates, transcripts, diplomas, and attendance rosters.

Licensed drillers must provide these proof documents at renewal. To allow the driller and NDWR to better track CEU's during the renewal period, a completed "**CEU Summary Form**" must be submitted with the proof documents with the renewal application. It is the responsibility of the licensed driller to maintain all documentation pertaining to CEU's.

Special Conditions and Appeals

Newly licensed Well drillers will not be required to submit CEU's until the first renewal cycle, (e.g., driller licensed August 2015 will not have to provide eight (8) hours of CEU's until they renew the license in June 2016). The driller will need to provide evidence of completion of eight (8) CEU's in order to renew their well driller license for renewal next cycle, July 1, 2016 through June 30, 2017.

A driller may appeal the decision of NDWR to disallow a course approval or credits. An appeal must be made in writing and directed to NDWR. NDWR will evaluate appeals and hold a hearing if necessary on a case by case basis.

Drillers who were not able to get the required CEU's before the June 30th annual deadline because of a hardship situation must contact NDWR in writing. NDWR will review the merits of each situation and make a recommendation. The State Engineer may avail himself of the Well Drillers' Advisory board to assist in making a decision as to the merits of appeals and hardships. **Every well driller license expires on June 30th of each year, unless timely received. To reinstate your expired license you must: File an Application for Well Driller's License with the \$100.00 fee AND PASS THE EXAMINATION required by NAC 534.282 or PETITION the NDWR for and RECEIVE a waiver of the requirement to pass the examination.**

For More Information

Questions regarding the Nevada Well Driller CEU program can be directed to Shannon McDaniel at (775)-684-2842, e-mailed at smcdaniel@water.nv.gov faxed to 775-684-2810 or mailed to NDWR, 901 South Stewart Street, Suite 2002, Carson City, Nevada 89701.