

(b) The holder of the permit and the person to whom ownership or operational control will be transferred have entered into a written agreement containing a specific date for the transfer of the responsibility, coverage and liability required for the facility under the permit; and

(c) A copy of the written agreement has been provided to the Director.

5. Change the quantity or type of fluids injected that are within the capability of the facility as permitted if, in the judgment of the Director, the change in quantity or type of fluid will not interfere with the operation of the facility or its ability to meet the conditions prescribed by the permit for the operation of the facility and will not change the classification of the facility.

6. Change requirements relating to construction if the change in requirements complies with the requirements of this section and [NAC 445A.905](#) to [445A.925](#), inclusive.

7. Amend a plan that has been updated pursuant to subsection 2 of [NAC 445A.923](#) for plugging and abandoning an injection well.

(Added to NAC by Environmental Comm'n by R042-01, eff. 10-25-2001)

Construction, Operation, Monitoring and Abandonment

NAC 445A.905 Construction prohibited without permit. ([NRS 445A.425](#), [445A.465](#)) The construction of an injection well for which a permit is required may not begin until the permit has been issued.

(Added to NAC by Environmental Comm'n, eff. 7-22-87)—(Substituted in revision for NAC 445.4268)

NAC 445A.906 Compliance with permit; minimization or correction of adverse impact on environment. ([NRS 445A.425](#), [445A.465](#)) The holder of a permit shall:

1. At all times maintain in good working order and operate as efficiently as possible all facilities, devices or systems installed or used by the holder to achieve compliance with the terms and conditions of the permit; and

2. Take all reasonable steps to minimize or correct any adverse impact on the environment resulting from his failure to comply with the terms and conditions of the permit.

(Added to NAC by Environmental Comm'n, eff. 7-22-87)—(Substituted in revision for NAC 445.42685)

NAC 445A.907 Power of Director to suspend or halt construction or operation. ([NRS 445A.425](#), [445A.465](#)) The Director may suspend or halt construction or operation of an injection well upon receipt of information that a contaminant which is present in or likely to enter a public water supply may present an imminent or substantial danger to the public health or safety.

(Added to NAC by Environmental Comm'n, eff. 7-22-87)—(Substituted in revision for NAC 445.4269)

NAC 445A.908 Location and construction of well. ([NRS 445A.425](#), [445A.465](#))

1. An injection well must be:

(a) Situated on a well-drained site not subject to inundation by a flood with a recurrence interval of 100 years.

(b) Sited in such a way that it injects into a formation which is separated from any underground source of drinking water by a confining zone that is free of known open faults or fractures within the area of review.

(c) Easily accessible for maintenance, repair, testing, or such other attention as may be necessary.

(d) Separated by a minimum horizontal distance of 50 feet from any water-tight conduit, such as a cast-iron pipe which carries sewage or other liquid wastes.

(e) Separated by a minimum horizontal distance of 100 feet from any septic tank, drain field or other facility for the collection or disposal of other liquid waste.

(f) Separated by a minimum horizontal distance of 10 feet from the boundary of any adjoining property.

(g) Cased from the finished surface to the top of the zone for injection and constructed so that no contamination can occur as a result of conditions on the surface surrounding the well.

(h) Cemented to prevent movement of fluid into or between underground sources of drinking water. The casing and cement used in the construction of each injection well must be designed to endure for the life expectancy of the well.

2. All injections into an injection well must be through tubing set on a mechanical packer, unless another means is approved by the Director. The packer must be set between the top of the zone for injection and the bottom of the next highest underground source of drinking water and as close as possible to the top of the injected interval.

3. The wellhead must be equipped above the ground with valves for the observation of pressure for each annular opening of the well and for the tubing.

(Added to NAC by Environmental Comm'n, eff. 7-22-87)—(Substituted in revision for NAC 445.42695)

NAC 445A.909 Submission and contents of notice of completion; approval or denial of permission to initiate injection. ([NRS 445A.425](#), [445A.465](#))

1. Within 30 calendar days after completion of a new injection well, the holder of a permit shall furnish the Director with a notice of completion containing the following information:

(a) Plans and drawings of the completed well as constructed.

(b) Copies of appropriate logs and other tests conducted during construction of the well and a descriptive report interpreting the results of that portion of the logs and tests related specifically to the zone for injection and adjacent formations.

(c) A chemical analysis of the fluid in the zone for injection.

(d) The results of deviation checks conducted on a well which is constructed by drilling a pilot hole and enlarging that hole by reaming or other methods.