

RULE AUTHORIZED PERMIT TYPES (Chapter 16, Section 8)		
TYPE	DESCRIPTION	DETAILS
5B2	Aquifer Recharge Facility	Receive water specifically for storage of water underground. Must be coupled with the ability to withdraw stored water at a later date for beneficial use. Coal bed methane operators cannot dispose of their produced water in class 5B2 injection wells.
5B4	Subsidence Control Facility	Receive fresh water for the purpose of controlling subsidence caused by an overdraft of water, oil, or natural gas.
5B5	Non-Department Controlled Remediation Facility	Injection of fluids used to prevent, control, or remediate aquifer pollution, which are not owned or controlled by the DEQ.
5B6	Department Controlled Remediation Facility	Injection of fluids used to prevent, control, or remediate aquifer pollution, remediate subsiding mine sites, or produce other beneficial results which are owned or controlled by the DEQ. These facilities include but are not limited to: Storage Tank Program, Abandoned Mine Lands, and Solid and Hazardous Waste supervised facilities.
5B7	Air Sparging Facility	Injection of air for the purpose of either encouraging microbial breakdown of hydrocarbons or removing volatile organic chemicals by vapor extraction.
5D2	Stormwater Drainage Facility	Receive storm water runoff from paved areas, including parking lots, streets, residential subdivisions, building roofs, highways, etc.
5D5	Special Drainage Facility	Receive water from sources other than direct precipitation. Example drainage facilities include: landslide control, potable water tank overflow, swimming pool, and lake level control.
5F1	Cathodic Protection Facility	Constructed with coke breeze and dust control oil for use as a permanent anode in a cathodic protection system for a fluid conveyor or containment system composed of metallic materials.
GENERAL PERMIT TYPES (Chapter 16, Section 7)		
5A1	Direct Heat ReInjection Facility	Reinject geothermal fluids used to provide direct heat for large buildings, developments, or aquaculture facilities.
5A2	Heat Pump/Air Conditioner Return Flow Facility	Reinject groundwater used to heat or cool a building in a ground-based heat pump system, or used to inject heat only using a closed-loop heat pump system.
5B1	Mining, Sand, or Backfill Facility - Trona Only	Used to inject a fluid mixture of sand, cement, fly ash used as a pozzalin, or mill tailings into mined out portions of underground mines.
5C5	Coal Bed Methane Injection Facility	Inject groundwater produced in the process of coal bed methane extraction into a receiving aquifer containing water of the same or lower class of use. (Campbell, Johnson, and Sheridan counties only)
5C6	Small Commercial Disposal Systems	Inject wastewater which is of similar quality to domestic sewage, but does not technically meet the definition of domestic sewage in quantities of less than 2,000 gallons per day.
5D1	Agricultural Disposal Facility	Receive irrigation tailwaters, other field drainage, animal yard, feedlot, or dairy runoff, and other agricultural wastewater.
5E5	Small Domestic Subsurface Fluid Distribution Systems	Receive less than 2,000 gallons per day of domestic sewage as an average typical week with only a septic tank as primary treatment, and does not have a design capacity of greater than 5,000 gallons per day.
INDIVIDUAL PERMIT TYPES (Chapter 16, Section 6)		
5A3	Cooling Water Return Flow Facility	Receive non-contact cooling water from industrial processes, both open and closed-loop systems.
5B3	Saline Water Intrusion Barrier Facility	Receive fresh water to prevent the continued migration of saline water into a fresh water aquifer. Includes projects installed to control contaminant plumes by injection of clean water.
5C1	Air Scrubber Waste Disposal Facility	Inject wastes from air scrubbers used to remove sulfur, fly ash, or other contaminants.
5C2	Water Treatment Brine Disposal Facility	Receive brine from water softening or other water treatment.

5C3	Industrial Process Water and Waste Disposal Facility	Receive wastes generated by industrial or commercial processes. Examples include, but are not limited to wastes generated by: car washes, taxidermy, metal plating, printing, silk screening, refining, slaughter houses, and chemical manufacturing facilities.
5C5	Coal Bed Methane Injection Facility	Inject groundwater produced in the process of coal bed methane extraction into a receiving aquifer containing water of the same or lower class of use.
5D3	Improved Sinkholes	Receive storm water runoff from developments located in karst topographic areas.
5D4	Industrial Drainage Facilities	Receive storm water runoff from areas susceptible to spills, leaks, and other chemical discharges.
5E1	Aquaculture Return Flow Facilities	Receive injectate from aquaculture operations.
5E3	Domestic Subsurface Fluid Distribution Systems	Receive more than 2,000 gallons per day of domestic sewage with only a septic tank as primary treatment, either individually or from multiple systems under one owner totaling 2,000 gallons per day within any 5 acres of land.
5E4	Domestic Wastewater Treatment Plant Disposal Facilities	Disposal of treated domestic waste after treatment to at least secondary treatment standards
5F2	All Other Facilities	All other facilities that inject fluids into or above an underground source of drinking water, and do not fall into Classes I, II, III, or IV injection facilities.

NOTE:

5C4 facilities, Automotive Waste Disposal Facilities are banned.

5E2 facilities, Untreated Domestic Sewage Disposal Facilities (cesspools) are banned.