

## TIME AND QUANTITY REQUIREMENTS FROM IC 25-39 (Statute) AND 312 IAC 13 (Rules)

Action	Requirement	Variance	Citation	Sec
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### DEADLINES & TIMES

effective date of the well drilling regulations	January 1, 1988	definition	Statute 4	2b
a well becomes an abandoned well if its original purpose and use have been discontinued for-----	more than 5 years	no	Statute 2	2
the owner of an abandoned well must have it plugged by a water well driller after it is abandoned-----	within 1 year	no	Statute 4	6b
a temporarily abandoned well must be sealed with a welded or threaded cap if it has not been used for-----	more than 3 months	no	Statute 4 Rule 10	6c 1
after drilling is completed, a well that is not equipped with casing (e.g., a dry hole) must be plugged by the driller-----	within 72 hours	no	Statute 4 Rule 10	4 2d
after drilling is completed and casing is installed, the borehole annulus of a well shall be grouted upon the earlier of the following-----	within 24 hours OR before drilling equipment is removed from the site	no	Rule 5	1e
installed casing that remains in new condition is considered new (for use in another well) if it is salvaged-----	within 30 days after installation	no	Rule 4	1e
well must be developed and tested at capacity for-----	at least 1 hour	no	Rule 7	1b
upon completion of a well, the driller shall send the well record to DNR (to the Division of Water)-----	within 30 days	yes, if sent regularly	Statute 4	1b
after plugging is completed, the Division shall be notified in writing of a well abandonment-----	within 30 days	no	Rule 10	2f
upon application by the well owner or driller, DNR shall keep a well record confidential for-----	1 year	no	Statute 4	10
when the Natural Resources Commission orders a violator of the drilling statute to abate [i.e., to stop or to correct] the violation, the abatement period allowed must be-----	at least 15 days	no	Rule 12	5e

### DRILLER LICENSING

minimum age to qualify for a water well driller license	18 years	no	Statute 3	3a
how often, and when, the Division <u>must</u> give the written competency exam for the water well driller license	two times a year, in June & November	5 times/yr. in practice	Rule 2	4a
fee to take the competency examination	\$ 25	no	Rule 2	4b
annual fee for water well driller license	\$ 100	no	Rule 2	2a
reference statements required with 1st license application	three	no	Statute 3	3a
references from licensed well drillers or plumbing contractors	two (of 3 required)	no	Statute 3	3a
time that driller must allow between delivery of completed application to Division and effective date of license renewal	5 working days	often faster in practice	Rule 2	3c
annual expiration date for all water well driller licenses	December 31	no	Statute 3	1d
the competency examination must be taken again to renew a license if it has been expired-----	more than 1 year	no	Rule 2	3b
when the Division orders the suspension of a water well driller license, the suspension period may be-----	no more than 90 days	no	Rule 12	2b
when the Division orders the suspension or revocation of a water well driller license, the order becomes effective-----	15 days after issuance	unless stay is granted	Rule 12	2b
when the Division orders the suspension or revocation of a water well driller license, the driller may make a written request for a stay of effectiveness or administrative review	within 18 days of issuance	no	Rule 12	2b
when the Division refuses to grant, renew, or restore a water well driller license, the driller may make a written request for administrative review-----	within 18 days of issuance	no	Rule 12	3b

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### QUANTITIES

a public water supply well provides water to a community water system that has or serves at least-----	15 service connections or 25 year-round residents	definition	Rule 1	20
a high capacity water well is capable of withdrawing-----	100,000 gallons/day (70 gallons/min.)	definition	Rule 1	16
the regulatory flood is a flood event with the probability of occurring-----	once in 100 years (1% chance in any year)	definition	Rule 1	22
average size range for medium grade crushed bentonite	1/4 - 3/8 inch	definition	Rule 1	17
average size range for coarse grade crushed bentonite	3/8 - 3/4 inch	definition	Rule 1	7
bentonite allowed as an additive in neat cement that is used as grouting material	5% maximum by weight	no	Rule 5	1a
proportion of additives to increase fluidity of neat cement	5% maximum	no	Statute 2	13
amount of clean water that can be added to 94 pounds of cement to make neat cement	6 gallons maximum	no	Statute 2	13
well must be test pumped at a capacity at least equal to--	pumping rate desired during normal usage	no	Rule 7	1a
chlorine concentration in water, required for disinfection	100 parts per million	no	Rule 9	1a
typical available chlorine in laundry bleach	5.25 %	definition	Rule 9	1a
chlorine laundry bleach to disinfect 100 gallons of water	3 cups	no	Rule 9	1a
typical available chlorine in hypochlorite granules	70 %	definition	Rule 9	1a
hypochlorite granules to disinfect 100 gallons of water	2 ounces	no	Rule 9	1a
well casing with unit volume of 1 gallon per foot	5-inch diameter	definition	Rule 9	1a

### LENGTHS, DIAMETERS & DISTANCES

the well drilling statute does not apply to a person who installs a well that is for personal use and that is-----	1.25" max. inside diam. and 24' max. depth	no	Statute 1.5	3
minimum inside diameter of casing for a new well	2 inches	no	Rule 4	1b
minimum depth of well casing below ground surface	25 feet	variance	Rule 4	1c
borehole for casing of a well or monitoring well installed by cable tool shall be dug to depth-----	between 3 feet and 5 feet	no	Rule 6 Rule 8	3c 3k
finished well casing or pitless unit must extend above ground level-----	at least 1 foot	no	Rule 3 Rule 4	2a 3a
finished well casing in a flood hazard area must extend above (or be vented above) elevation of regulatory flood-----	at least 2 feet	no	Rule 3	2a
center line of a well, extended vertically, must clear any projection from a building by-----	at least 5 feet	no	Rule 3	3b

### MONITORING WELLS

minimum nominal diameter of casing for a monitoring well installed to monitor <i>ground water levels</i>	3/4 inch	no	Rule 8	3b
minimum nominal diameter of casing for a monitoring well installed to monitor the <i>quality of ground water</i>	2 inches	no	Rule 8	3b
introduced filter pack in a monitoring well shall extend above the screen or the uppermost water-bearing unit to be monitored-----	no more than 2 feet	variance	Rule 8	3d
the filter pack seal in a monitoring well shall extend above the filter pack-----	no more than 2 feet	no	Rule 8	3e
proportion of grain size of introduced filter pack in monitoring well to be retained by screen	90 %	no	Rule 8	3d

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finished monitoring well casing must extend above ground level-----	at least 2 feet	no, but see Sec. 3i	Rule 8	3f
finished monitoring well casing in a flood plain must extend above elevation of regulatory flood-----	at least 2 feet	no, but see Sec. 3i	Rule 8	3f
monitoring well casing with watertight cap and protective cover pipe may be finished below ground surface-----	no more than 1 foot	no	Rule 8	3i
for a monitoring well that is finished below ground surface, the protective metal cover pipe for the casing shall have a length of-----	at least 1 foot	no	Rule 8	3i
for a monitoring well that is finished below ground surface, the protective metal cover pipe for the casing shall have a diameter-----	at least 4 inches greater than the diameter of the well	no	Rule 8	3i
for a monitoring well that is finished below ground surface, the concrete ground surface seal of the protective cover pipe shall extend below the ground surface-----	no more than 3 feet	no	Rule 8	3i
for a monitoring well that is finished below ground surface, the sealed lid of the protective cover pipe shall extend above the ground surface-----	no more than 1/2 inch	no	Rule 8	3i
monitoring well shall be developed following installation-----	before water samples are collected	no	Rule 8	3i

### OTHER WELL TYPES

minimum nominal diameter of casing for a dewatering well	1 1/4 inches	no	Rule 8	4b
a return well in an open loop geothermal heat pump system must provide a water transmitting capacity-----	at least 1.5 times the required water supply of the heat pump unit	no	Rule 8	1b

**variance**--Driller may seek a variance from this standard (i.e., a modification) by contacting DNR Division of Water. Language such as "unless otherwise approved by the division" in the rules empowers the Division of Water to consider and grant variances for specific standards.