

**ABANDONED WATER WELL PLUGGING PROCEDURES, BY WELL TYPE**

**312 IAC 13, Rule 10**

Well Type	Rule 10 Cite	Lower Material	From	To	Upper Material	From	To	Additional Req.	Chlorinate Sec.2(e)(3)
Cased well	Sec.2(e)(4)	neat cement, bentonite slurry, or med-grade or coarse-grade crushed or pelletized bentonite	bottom of well	within 2 ft. below ground surface	cement plug and natural clay material	at least 2 ft. below ground surface	ground surface	sever well casing at least 2 ft. below ground surface	yes
Uncased well--except bucket or dewatering	Sec.2(e)(5)	natural clay materials, neat cement, bentonite slurry, or med-grade or coarse-grade crushed or pelletized bentonite	bottom of borehole	no less than 25 ft. below ground surface	neat cement, bentonite slurry, or med-grade or coarse-grade crushed or pelletized bentonite	no less than 25 ft. below ground surface	within 2 ft. below ground surface	fill with natural clay material to ground surface	no
Uncased well--drilled by bucket rig or hand-dug	Sec.2(e)(7)(C)	natural clay material	bottom of hole	ground surface	-----	-----	-----	tamp clay material thoroughly to minimize settling	no
Monitoring well--cased or uncased	Sec.2(e)(6)	bentonite slurry, or pelletized or coarse-grade crushed bentonite	bottom of well or borehole	ground surface	-----	-----	-----	-----	no
Bucket well--buried slab construction	Sec.2(e)(7)(A)	gravel	bottom of well	within 10 ft. below ground surface	in casing or well pipe--neat cement, bentonite slurry, or med-grade or coarse-grade crushed or pelletized bentonite	no less than 10 ft. below ground surface	within 2 ft. below ground surface	sever well casing at least 2 ft. below ground surface; cement plug and natural clay matl. to ground surface	yes
Bucket well--not buried slab construction	Sec.2(e)(7)(D)	gravel	bottom of well	at least 5 ft. below ground surface	at least 1 ft. of neat cement, bentonite slurry, or med-grade or coarse-grade crushed or pelletized bentonite	at least 5 ft. below ground surface	top of remaining casing; cement plug is installed here	remove upper casing so it terminates below surface; cement plug and natural clay matl. to ground surface	yes
Bucket well--casing < 12 in. diameter, with well screen	Sec.2(e)(7)(B)	neat cement, bentonite slurry, or med-grade or coarse-grade crushed or pelletized bentonite	bottom of well	within 2 ft. below ground surface	cement plug and natural clay material	at least 2 ft. below ground surface	ground surface	sever well casing at least 2 ft. below ground surface	yes
Dewatering well--casing removed after use	Sec.2(e)(8)	granular, pelletized, or med-grade or coarse-grade crushed bentonite	bottom of borehole	at least 1 ft. thick	natural earth materials obtained during drilling	remaining borehole	ground surface	tamp nat. material thoroughly to minimize settling	no
Dewatering well--casing removed & site excavated	Sec.2(e)(9)	natural earth materials obtained during drilling	bottom of borehole	ground surface	-----	-----	-----	tamp nat. material thoroughly to minimize settling	no