

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