

2890.3400 ABOVEGROUND WELL INSTALLATION.

Subpart 1. **General.** Costs for well installation of an above-grade well are as described in this part.

Subp. 2. **Hollow-stem auger.** Hollow-stem auger in sand, silt, or clay, with continuous sampling:

A. subitems (1) and (2) list the depth of the well and the maximum cost per two-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per two-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$1,392;
- (2) 26 - 50 feet, \$1,392 plus \$62 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$2,928 plus \$74 per foot beyond 50 feet; and
- (4) over 100 feet, \$6,589 plus \$88 per foot beyond 100 feet;

B. subitems (1) and (2) list the depth of the well and the maximum cost per four-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per four-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$1,519;
- (2) 26 - 50 feet, \$1,519 plus \$79 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$3,477 plus \$89 per foot beyond 50 feet; and
- (4) over 100 feet, \$7,906 plus \$117 per foot beyond 100 feet; and

C. subitems (1) and (2) list the depth of the well and the maximum cost per six-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per six-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$2,782;
- (2) 26 - 50 feet, \$2,782 plus \$113 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,601 plus \$116 per foot beyond 50 feet; and
- (4) over 100 feet, \$11,420 plus \$132 per foot beyond 100 feet.

Subp. 3. **Mud or air rotary.** Mud or air rotary in limestone or hard rock, with surface sampling only:

A. subitems (1) to (4) list the depth of the well and the maximum cost per two-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$2,563;
- (2) 26 - 50 feet, \$2,563 plus \$67 per foot beyond 25 feet;

- (3) 51 - 100 feet, \$4,210 plus \$77 per foot beyond 50 feet; and
- (4) over 100 feet, \$8,091 plus \$92 per foot beyond 100 feet;

B. subitems (1) to (4) list the depth of the well and the maximum cost per four-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$2,966;
- (2) 26 - 50 feet, \$2,966 plus \$87 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,125 plus \$96 per foot beyond 50 feet; and
- (4) over 100 feet, \$9,884 plus \$103 per foot beyond 100 feet; and

C. subitems (1) to (4) list the depth of the well and the maximum cost per six-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$3,331;
- (2) 26 - 50 feet, \$3,331 plus \$117 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$6,223 plus \$118 per foot beyond 50 feet; and
- (4) over 100 feet, \$12,079 plus \$134 per foot beyond 100 feet.

Subp. 4. **Air coring.** Air coring in limestone or hard rock, with continuous sampling:

A. subitems (1) to (4) list the depth of the well and the maximum cost per two-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$3,221;
- (2) 26 - 50 feet, \$3,221 plus \$84 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,325 plus \$98 per foot beyond 50 feet; and
- (4) over 100 feet, \$10,231 plus \$111 per foot beyond 100 feet;

B. subitems (1) to (4) list the depth of the well and the maximum cost per four-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$3,807;
- (2) 26 - 50 feet, \$3,807 plus \$88 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$6,003 plus \$117 per foot beyond 50 feet; and
- (4) over 100 feet, \$11,787 plus \$134 per foot beyond 100 feet; and

C. subitems (1) to (4) list the depth of the well and the maximum cost per six-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$4,173;

- (2) 26 - 50 feet, \$4,173 plus \$132 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$7,467 plus \$144 per foot beyond 50 feet; and
- (4) over 100 feet, \$14,641 plus \$173 per foot beyond 100 feet.

Subp. 5. **Rotosonic drilling.** Rotosonic drilling in sand, silt, or clay, with continuous sampling:

A. subitems (1) and (2) list the depth of the well and the maximum cost per two-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per two-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$3,367;
- (2) 26 - 50 feet, \$3,367 plus \$119 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$6,333 plus \$122 per foot beyond 50 feet; and
- (4) over 100 feet, \$12,483 plus \$144 per foot beyond 100 feet;

B. subitems (1) and (2) list the depth of the well and the maximum cost per four-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per four-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$4,027;
- (2) 26 - 50 feet, \$4,027 plus \$122 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$7,102 plus \$155 per foot beyond 50 feet; and
- (4) over 100 feet, \$14,787 plus \$172 per foot beyond 100 feet; and

C. subitems (1) and (2) list the depth of the well and the maximum cost per six-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per six-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$4,612;
- (2) 26 - 50 feet, \$4,612 plus \$184 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$9,187 plus \$210 per foot beyond 50 feet; and
- (4) over 100 feet, \$19,730 plus \$250 per foot beyond 100 feet.

Statutory Authority: *MS s 115C.07*

History: 28 SR 383; L 2010 c 241 s 4; *MS s 115C.07 subd 3 paragraph (f)*; 28 SR 383; L 2010 c 241 s 4; *MS s 115C.07 subd 3 paragraph (f)*; 28 SR 383; L 2010 c 241 s 4; *MS s 115C.07 subd 3 paragraph (f)*; 28 SR 383; L 2010 c 241 s 4; *MS s 115C.07 subd 3 paragraph (f)*

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