

**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, \$1,265;
- (2) 26 - 50 feet, \$1,265 plus \$56 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$2,662 plus \$67 per foot beyond 50 feet; and
- (4) over 100 feet, \$5,990 plus \$80 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, \$1,381;
- (2) 26 - 50 feet, \$1,381 plus \$72 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$3,161 plus \$81 per foot beyond 50 feet; and
- (4) over 100 feet, \$7,187 plus \$106 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, \$2,529;
- (2) 26 - 50 feet, \$2,529 plus \$103 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,092 plus \$105 per foot beyond 50 feet; and
- (4) over 100 feet, \$10,382 plus \$120 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, \$2,330;
- (2) 26 - 50 feet, \$2,330 plus \$61 per foot beyond 25 feet;

- (3) 51 - 100 feet, \$3,827 plus \$70 per foot beyond 50 feet; and
- (4) over 100 feet, \$7,355 plus \$84 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, \$2,696;
- (2) 26 - 50 feet, \$2,696 plus \$79 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$4,659 plus \$87 per foot beyond 50 feet; and
- (4) over 100 feet, \$8,985 plus \$94 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, \$3,028;
- (2) 26 - 50 feet, \$3,028 plus \$106 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,657 plus \$107 per foot beyond 50 feet; and
- (4) over 100 feet, \$10,981 plus \$122 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, \$2,928;
- (2) 26 - 50 feet, \$2,928 plus \$76 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$4,841 plus \$89 per foot beyond 50 feet; and
- (4) over 100 feet, \$9,301 plus \$101 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, \$3,461;
- (2) 26 - 50 feet, \$3,461 plus \$80 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,457 plus \$106 per foot beyond 50 feet; and
- (4) over 100 feet, \$10,715 plus \$122 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, \$3,794;

- (2) 26 - 50 feet, \$3,794 plus \$120 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$6,788 plus \$131 per foot beyond 50 feet; and
- (4) over 100 feet, \$13,310 plus \$157 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, \$3,061;
- (2) 26 - 50 feet, \$3,061 plus \$108 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,757 plus \$111 per foot beyond 50 feet; and
- (4) over 100 feet, \$11,348 plus \$131 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, \$3,661;
- (2) 26 - 50 feet, \$3,661 plus \$111 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$6,456 plus \$141 per foot beyond 50 feet; and
- (4) over 100 feet, \$13,443 plus \$156 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, \$4,193;
- (2) 26 - 50 feet, \$4,193 plus \$167 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$8,352 plus \$191 per foot beyond 50 feet; and
- (4) over 100 feet, \$17,936 plus \$227 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)*

**Published Electronically:** *July 5, 2017*