

**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, \$1,531;
- (2) 26 - 50 feet, \$1,531 plus \$68 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$3,220 plus \$81 per foot beyond 50 feet; and
- (4) over 100 feet, \$7,248 plus \$97 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, \$1,671;
- (2) 26 - 50 feet, \$1,671 plus \$87 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$3,825 plus \$98 per foot beyond 50 feet; and
- (4) over 100 feet, \$8,697 plus \$129 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, \$3,060;
- (2) 26 - 50 feet, \$3,060 plus \$124 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$6,161 plus \$128 per foot beyond 50 feet; and
- (4) over 100 feet, \$12,562 plus \$145 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, \$2,819;
- (2) 26 - 50 feet, \$2,819 plus \$74 per foot beyond 25 feet;

- (3) 51 - 100 feet, \$4,631 plus \$85 per foot beyond 50 feet; and
- (4) over 100 feet, \$8,900 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, \$3,263;
- (2) 26 - 50 feet, \$3,263 plus \$96 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,638 plus \$106 per foot beyond 50 feet; and
- (4) over 100 feet, \$10,872 plus \$113 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, \$3,664;
- (2) 26 - 50 feet, \$3,664 plus \$129 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$6,845 plus \$130 per foot beyond 50 feet; and
- (4) over 100 feet, \$13,287 plus \$147 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, \$3,543;
- (2) 26 - 50 feet, \$3,543 plus \$92 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,858 plus \$108 per foot beyond 50 feet; and
- (4) over 100 feet, \$11,254 plus \$122 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, \$4,188;
- (2) 26 - 50 feet, \$4,188 plus \$97 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$6,603 plus \$129 per foot beyond 50 feet; and
- (4) over 100 feet, \$12,966 plus \$147 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, \$4,590;

- (2) 26 - 50 feet, \$4,590 plus \$145 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$8,214 plus \$158 per foot beyond 50 feet; and
- (4) over 100 feet, \$16,105 plus \$190 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, \$3,704;
- (2) 26 - 50 feet, \$3,704 plus \$131 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$6,966 plus \$134 per foot beyond 50 feet; and
- (4) over 100 feet, \$13,731 plus \$158 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, \$4,430;
- (2) 26 - 50 feet, \$4,430 plus \$134 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$7,812 plus \$171 per foot beyond 50 feet; and
- (4) over 100 feet, \$16,366 plus \$189 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, \$5,073;
- (2) 26 - 50 feet, \$5,073 plus \$202 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$10,106 plus \$231 per foot beyond 50 feet; and
- (4) over 100 feet, \$21,703 plus \$275 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)*

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