

CR 94-100



George E. Meyer
Secretary

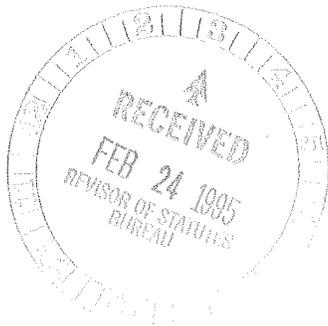
State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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STATE OF WISCONSIN)
)
DEPARTMENT OF NATURAL RESOURCES) SS

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, George E. Meyer, Secretary of the Department of Natural Resources and custodian of the official records of said Department, do hereby certify that the annexed copy of Natural Resources Board Order No. CA-22-94 was duly approved and adopted by this Department on December 8, 1994. I further certify that said copy has been compared by me with the original on file in this Department and that the same is a true copy thereof, and of the whole of such original.



IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the Department at the Natural Resources Building in the City of Madison, this 21 day of February, 1995.

George E Meyer
George E Meyer, Secretary

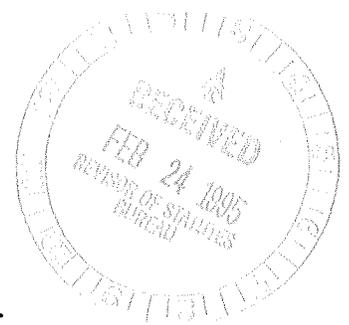
(SEAL)

5-1-95





ORDER OF THE WISCONSIN NATURAL RESOURCES BOARD
 REPEALING AND RECREATING RULES



The Wisconsin Natural Resources Board adopts an order to
 repeal and recreate NR 123.20(1)(c)1, 123.21(3) and 123.24(1)
 relating to the Well Compensation Program. CA-22-94

Analysis Prepared by the Department of Natural Resources

Statutory authority: ss. 144.027(2) and 227.11(2), Stats.

Statute interpreted: s. 144.027(11)(c), Stats., and 1993 Wisconsin Act 413

Section 144.027(11)(c), Stats., requires the Department to determine by rule the usual and customary costs for each item for which a grant award may be made. Further, the rule shall reflect the range of costs for well construction and pump installation throughout the state and under different sizes and depths, various soil and bedrock conditions, and other factors which may affect the costs. Proposed s. NR 123.21 (3) replaces the present flat rate cost tables which reflect the current costs experience of well drillers and pump installers throughout the state. In several instances items that were part of the original cost tables have been deleted because they are not used in residential water systems.

Section 1g of 1993 Wisconsin Act 413 revises the annual income level for grant eligibility and the percentage of eligible costs that can be paid by the grant. The Act establishes an income eligible range of \$45,000 to \$65,000 per year and a grant percentage of 75 percent. This is compared to the prior income range and grant percentage of \$32,000 to \$45,000 and 60 percent, respectively. Proposed ss. NR 123.20(1)(c)1 and 123.24(1) replace the existing subsections with the new income levels and grant percentage from the Act.

SECTION 1. NR 123.20(1)(c)1. is repealed and recreated to read:

NR 123.20(1)(c)1. In order to be eligible for an award under this chapter, the annual family income of the landowner or lessee of the property on which a contaminated private water supply is located may not exceed \$65,000.

SECTION 2. NR 123.21(3) is repealed and recreated to read:

NR 123.21(3) FLAT RATE COST TABLES. The following tables establish costs for well construction, pump installation and other costs. The tables include costs for materials, labor and taxes. These tables are used to determine the eligible costs for grant award and payment amounts.

A. Well Construction Cost

	<u>Drillhole Diameter</u>						
	4"	5"	6"	7"	8"	9"	10"
1. Drillhole with temp. outer casing in unconsolidated formation - \$/Foot	\$8	9	10	12	13	14	16

2. Drillhole without temp. outer casing in unconsolidated formation - \$/Foot	\$7	8	9	10	12	13	14
3. Drillhole in Limestone (dolomite) formation - \$/Foot	\$8	9	12	13	14	16	19
4. Drillhole in Sandstone formation - \$/Foot	\$8	9	12	13	14	16	19
5. Drillhole in Shale formation - \$/Foot	\$8	9	12	13	14	16	19
6. Drillhole in Crystalline (granite, quartzite, etc.) formation - \$/Foot	\$13	15	20	22	25	28	32

Casing, Screen or Shoe Diameter

2" 3" 4" 5" 6" 7"

7. Well Casing - Steel or Polyvinyl Chloride (PVC) - \$/Foot	\$6	7	9	11	13	16
8. Well Screen (with packer, etc.) - \$/Foot	\$100	160	165	195	240	250
9. Grout Shoe	\$200	250	300	450	500	550
10. Drive Shoe	\$35	45	55	65	75	85

Drive Pipe or Screen Diameter

1 1/4" 1 1/2" 2" 3" 4"

11. Driven Point (Sand-Point) Wells					
a. Drive Pipe	\$6	\$7	\$8	\$9	\$10
b. Point Screen	\$18	\$21	\$25	\$30	\$35
12. Well Development - in unconsolidated formations only	\$150				
13. Test Pumping of Well	\$100				
14. Disinfection and flushing of well or plumbing or both	\$100				
15. Hydrofracturing	\$2000				

16. Neat cement grout - per 94 lb. sack	\$15
17. Concrete grout - per 94 lb. sack	\$15
18. Bentonite chips - per 50 lb. sack	\$15
19. Setup and Administrative Cost:	
a. Well Construction	\$300
b. Well Abandonment	\$100

B. Pump Installation Cost

1. Removal of existing well pump	\$150
2. Re-installation of existing well pump	\$150
3. Installation of new well pump	<u>1/2 hp</u> \$550 <u>3/4 hp</u> \$700 <u>1 hp</u> \$775 <u>1 1/2 hp</u> \$1150 <u>2 hp</u> \$1550
4. Installation of pump wire and conduit pipe - \$/foot	\$2.00
5. Installation of pump column and discharge piping - \$/foot for:	<u>Piping Diameter</u> <u>3/4" 1" 1 1/4" 1 1/2" 2" 2 1/2"</u>
- Metal pipe	\$1.25 \$2.50 \$3.75 \$5.00 \$6.25 \$7.50
- Thermo-Plastic pipe	\$.75 \$1.50 \$2.50 \$3.75 \$5.00 \$6.25
6. Excavation cost for piping between well and pressure tank - \$/foot	\$6.50
7. Restoration of piping excavation - under each of the following circumstances:	
- soil restoration only	\$200
- sidewalk restoration	

included \$400

- sidewalk and driveway included \$600

8. Installation of seal-cross or other approved pressure fitting \$125

9. Installation of an ejector in well:

- Packer ejector unit \$75

- Two pipe ejector unit \$100

10. Installation of a pumphouse \$500

	<u>Well Casing Diameter</u>					
	2"	3"	4"	5"	6"	7"
11. Vermin proof Cap or Well Seal - installed	\$40	\$45	\$50	\$55	\$60	\$70

	<u>Well Casing Diameter</u>					
	2"	3"	4"	5"	6"	7"
a. Factory Assembled Unit	\$300	\$350	\$375	\$400	\$450	\$475
b. Weld-on Adapter			\$125	\$150	\$200	\$225
c. Clamp-on Adapter			\$125	\$150	\$200	\$225
d. Bolt-on Adapter			\$100	\$125	\$150	\$150

	<u>Well Casing Diameter</u>					
	2"	3"	4"	5"	6"	7"
13. Freeze-proof above ground discharge unit - installed			\$250	\$275	\$300	\$350

	<u>Pressure Tank - Size in Gallons</u>			
	42 gal.	82 gal.	120 gal.	220 gal.
14. Above ground pressure tank with pressure switch - \$ installed	\$300	\$500	\$600	\$800

15. Buried pressure tank with pressure switch and air unloader - \$ installed \$700 \$900

	<u>Tank size in gallons - cost installed</u>				
	40	60	95	145	260
16. Pitless receiver tank with pressure switch and air unloader					
- 4" well casing	\$750	\$800	\$1000	\$1125	\$1450
- 5" well casing	\$800	\$775	\$1050	\$1200	\$1500

- 6" well casing	\$875	\$950	\$1125	\$1250	\$1550
- 7" well casing	\$950	\$1000	\$1200	\$1300	\$1625
17. Installation of pump house - \$ Complete	\$500				
18. Installation of sampling faucet - \$ Complete	\$25				

C. Other Costs

1. Sample collection and analysis - coliform bacteria \$50
2. Sample collection and analysis - Organic analysis \$150
3. Sample collection and analysis - Inorganic analysis \$75
4. Bottled water - \$ p/gal. \$1.25
5. Trucked water - \$ p/gal. \$0.25

SECTION 3. NR 123.24(1) is repealed and recreated to read:

NR 123.24(1) AWARD CALCULATION. (a) The award shall pay up to 75% of the eligible costs.

(b) The award may not provide for payment of any portion of eligible costs in excess of \$12,000. Therefore, the maximum payment that can be made is \$9,000.

(c) If the annual family income of the claimant exceeds \$45,000, the amount of the award calculated under pars. (a) and (b) shall be reduced by \$.30 for each \$1.00 of income over \$45,000.

The foregoing rule was approved and adopted by the State of Wisconsin Natural Resources Board on December 8, 1994.

The rule shall take effect on the first day of the month following publication in the Wisconsin administrative register as provided in s. 227.22(2) (intro.), Stats.

Dated at Madison, Wisconsin 2/21/95

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

By George E Meyer
George E Meyer, Secretary

(SEAL)

