

2008

**Cedar Creek Well Supply Development**  
**Joint Estimated Project Cost**

<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Extended Cost</u>	<u>JCWSA</u>	<u>Monticello</u>
Drill Wells	EA	3	\$17,500	\$52,500	\$26,250	\$26,250
Land Purchase	LS	1	\$125,000	\$125,000	\$62,500	\$62,500
Well Pumps	EA	3	\$17,500	\$52,500	\$26,250	\$26,250
Water Treatment & Controls	LS	1	\$50,000	\$50,000	\$25,000	\$25,000
8" PVC Well Collection Line	LF	2,400	\$14	\$33,600	\$16,800	\$16,800
8" Gate Valve	EA	2	\$800	\$1,600	\$800	\$800
Water Production Facilities				\$315,200	\$157,600	\$157,600
Fees and Contingencies				\$71,177	\$35,589	\$35,589
<b>SUBTOTAL WATER PRODUCTION CAPITAL COSTS</b>				<b>\$386,377</b>	<b>\$193,189</b>	<b>\$193,189</b>
10" PVC Water Main to City	LF	14,000	\$19	\$266,000	\$119,700	\$146,300
10" Gate Valve	EA	4	\$1,500	\$6,000	\$3,000	\$3,000
8" Gate Valve	EA	2	\$800	\$1,600	\$800	\$800
Stream Crossing	EA	2	\$2,500	\$5,000	\$2,500	\$2,500
Clear and Grub	AC	1	\$2,500	\$2,500	\$1,250	\$1,250
Sediment & Erosion Control	LS	1	\$5,000	\$5,000	\$2,500	\$2,500
Fire Hydrants, Complete	EA	7	\$2,250	\$15,750	\$6,750	\$9,000
Fittings	TN	0.3	\$4,000	\$1,200	\$600	\$600
Road Bore	LF	140	\$100	\$14,000	\$10,000	\$4,000
Water Distribution Facilities				\$317,050	\$147,100	\$169,950
Fees and Contingencies				\$71,595	\$33,305	\$38,284
<b>SUBTOTAL WATER DISTRIBUTION CAPITAL COSTS</b>				<b>\$388,645</b>	<b>\$180,405</b>	<b>\$208,234</b>
Construction Estimate				\$632,250	\$304,700	\$327,550
Construction Contingency @ 10%				\$63,225	\$30,470	\$32,755
Geologist Fees				\$10,000	\$5,000	\$5,000
Engineering Fees @ 11%				\$69,548	\$33,517	\$36,031
<b>TOTAL PROJECT COST ESTIMATE</b>				<b>\$775,023</b>	<b>\$373,687</b>	<b>\$401,336</b>
Production P & I For State GEFA program				\$28,683	\$14,341	\$14,341
Distribution P & I For State GEFA program				\$28,851	\$13,399	\$15,452
Total P & I For State GEFA program				\$57,534	\$27,741	\$29,793
Production P & I For USDA Program				\$21,406	\$10,703	\$10,703
Distribution P & I For USDA Program				\$21,532	\$10,000	\$11,532
Total P & I For USDA Program				\$42,938	\$20,703	\$22,235

May 2008

ORIGINAL 2005 COSTS

<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Extended Cost</u>	<u>JCWSA</u>	<u>Monticello</u>
Drill Wells	EA	3	\$17,500	\$52,500	\$26,250	\$26,250
Land Purchase	LS	1	\$50,000	\$50,000	\$25,000	\$25,000
Well Pumps	EA	3	\$17,500	\$52,500	\$26,250	\$26,250
Water Treatment & Controls	LS	1	\$50,000	\$50,000	\$25,000	\$25,000
8" PVC Well Collection Line	LF	2,400	\$14	\$33,600	\$16,800	\$16,800
8" Gate Valve	EA	2	\$800	<u>\$1,600</u>	<u>\$800</u>	<u>\$800</u>
Water Production Facilities				\$240,200	\$120,100	\$120,100
Fees and Contingencies				\$48,673	\$24,336	\$24,336
<b>SUBTOTAL WATER PRODUCTION CAPITAL COSTS</b>				<b>\$288,873</b>	<b>\$144,436</b>	<b>\$144,436</b>
10" PVC Water Main to City	LF	14,000	\$19	\$266,000	\$119,700	\$146,300
10" Gate Valve	EA	4	\$1,200	\$4,800	\$2,400	\$2,400
8" Gate Valve	EA	2	\$800	\$1,600	\$800	\$800
Stream Crossing	EA	2	\$1,500	\$3,000	\$1,500	\$1,500
Clear and Grub	AC	1	\$2,500	\$2,500	\$1,250	\$1,250
Sediment & Erosion Control	LS	1	\$5,000	\$5,000	\$2,500	\$2,500
Fire Hydrants, Complete	EA	7	\$2,250	\$15,750	\$6,750	\$9,000
Fittings	TN	0.3	\$4,000	\$1,200	\$600	\$600
Road Bore	LF	140	\$100	<u>\$14,000</u>	<u>\$10,000</u>	<u>\$4,000</u>
Water Distribution Facilities				\$313,850	\$145,500	\$168,350
Fees and Contingencies				\$63,597	\$29,562	\$34,029
<b>SUBTOTAL WATER DISTRIBUTION CAPITAL COSTS</b>				<b>\$377,447</b>	<b>\$175,062</b>	<b>\$202,379</b>
Construction Estimate				\$554,050	\$265,600	\$288,450
Construction Contingency @ 10%				\$55,405	\$26,560	\$28,845
Geologist Fees				\$7,000	\$3,500	\$3,500
Engineering Fees @ 9%				<u>\$49,865</u>	<u>\$23,904</u>	<u>\$25,961</u>
Total Project Cost Estimate				\$666,320	\$319,564	\$346,756
Production P & I For State GEFA program				\$21,786	\$10,893	\$10,893
Distribution P & I For State GEFA program				<u>\$28,466</u>	<u>\$13,208</u>	<u>\$15,258</u>
Total P & I For State GEFA program				\$50,252	\$24,101	\$26,151