

COMPARISON CAPITAL COSTS

Drilling 2 new wells vs. Consolidation with the City of Davis

COSTS FOR DRILLING 2 NEW WELLS (for replacement of current water supply)

(As previously discussed and calculated in draft Engineer's Report for possible 218 Election)

2 Triple Completion Monitoring Wells:	\$160,000
Well 1 Construction (Well, Reservoir, and Pump Station):	\$985,000
Well 2 Project Site (Well and Pump Station):	\$431,000
25% Construction Contingency :	\$394,000
Total Estimated Construction Cost:	<u>\$1,970,000</u>
Incidental Expenses	
(Engineering, Legal, Administration, Issuance):	\$ 671,000
25% Bond/Incidental Contingency:	\$ 167,750
Total Construction Cost (Including incidentals):	<u>\$2,808,750</u>
Financing/Bond Expenses:	\$ 291,250
TOTAL BONDED:	<u>\$3,100,000</u>

Grand Total: (Assuming all financed between 6-10%)

Range from:	Approximately 6% =	\$2,280 per home/year for 30 years
	Approximately 10%=	\$3,462 per home/year for 30 years

COSTS FOR CONSOLIDATION WITH THE CITY OF DAVIS

(For new Domestic Water Supply and rehabilitation of current system to be used for irrigation use) *

Capital Cost for Connection (From main Davis pipeline to each home, with new meter):	\$4,108,000.
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Capital Cost for Connection that NDM will be responsible for : \$2,000,000

Installation of dual plumbing for each house

(New domestic supply connection to main line, retrofit of current water system for irrigation use only)

Possible Total Construction Cost:

(Estimate Only! Based on a Range from \$5,000 to \$10,000 per home)

Range from:	\$475,000 to \$950,000
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Possible Financing Expenses:

(Assuming all financed at 1.9% for 20 years) Range from: \$ 47,025 to \$ 56,050

Possible Grand Total: (Assuming all financed at 1.9%)

Range from:	Approximately \$2,550,000 =	\$1,578 per home/year 20 years
	Approximately \$3,010,000 =	\$1881 per home/year 20 years

* For individual home retrofit, this really depends on the necessary plumbing of each home. The above is a rough estimate, looking at costs possibly between \$5,000 and \$10,000 per home. At this time, we have no actual engineering bids or formal estimates.