

**MONTANA-DAKOTA UTILITIES CO.  
RATE 120 GAS EXTENSION ANALYSIS  
NORTH DAKOTA  
RATE 60 RESIDENTIAL**

Project Name	<b>VC South Expansion</b>	Location	<b>Waterfront Meadows Addition</b>
Developer	<b>Valley City-Barnes County Development Corporation</b>	Contact	<b>Jennifer Feist</b>
Prepared By:	<b>MS</b>	Phone number:	<b>701-490-9011</b>
Date MAI Prepared:	<b>8/26/2024</b>	Total Residential Lots	<b>45</b>

**Actual Project Economics**

Total Main Installation Cost	<b>\$ 186,009</b>	Number of Homes/Customer Credit	<b>45</b>
Total Estimated Cost	<b>\$ 327,142</b>	Maximum Allowable Investment Credit (MAI)	<b>\$ 109,838</b>
Contribution Required	<b>\$ 248,878</b>	Cost per Lot	<b>\$ 5,531</b>

**MAI Saturation Analysis**

<b>45</b>					
Homes	Qty	Service Line \$	\$186,009	Mains	
100%	45	\$ 3,136	\$141,120	Service Line	
			\$327,129	Total Cost	
			<b>\$109,838</b>	Less MAI	
MAI	Qty	MAI / Home	<b>\$248,864</b>	Contribution Req.	
	45	\$ 2,441			
Cost per Lot	\$	5,530	Cost per Customer	\$	5,530

<b>23</b>					
Homes	Qty	Service Line \$	\$186,009	Mains	
50%	23	\$ 3,136	\$72,128	Service Line	
			\$258,137	Total Cost	
			<b>\$56,139</b>	Less MAI	
MAI	Qty	MAI / Home	<b>\$231,348</b>	Contribution Req.	
	23	\$ 2,441			
Cost per Lot	\$	5,141	Cost per Customer	\$	10,059

<b>34</b>					
Homes	Qty	Service Line \$	\$186,009	Mains	
75%	34	\$ 3,136	\$106,624	Service Line	
			\$292,633	Total Cost	
			<b>\$82,988</b>	Less MAI	
MAI	Qty	MAI / Home	<b>\$240,106</b>	Contribution Req.	
	34	\$ 2,441		Total Contribution	
Cost per Lot	\$	5,336	Cost per Customer	\$	7,062

<b>15</b>					
Homes	Qty	Service Line \$	\$186,009	Mains	
33%	15	\$ 3,136	\$47,040	Service Line	
			\$233,049	Total Cost	
			<b>\$36,613</b>	Less MAI	
MAI	Qty	MAI / Home	<b>\$224,979</b>	Contribution Req.	
	15	\$ 2,441			
Cost per Lot	\$	5,000	Cost per Customer	\$	14,999

<b>30</b>					
Homes	Qty	Service Line \$	\$186,009	Mains	
66%	30	\$ 3,136	\$94,080	Service Line	
			\$280,089	Total Cost	
			<b>\$73,225</b>	Less MAI	
MAI	Qty	MAI / Home	<b>\$236,921</b>	Contribution Req.	
	30	\$ 2,441		Total Contribution	
Cost per Lot	\$	5,265	Cost per Customer	\$	7,897

<b>11</b>					
Homes	Qty	Service Line \$	\$186,009	Mains	
25%	11	\$ 3,136	\$34,496	Service Line	
			\$220,505	Total Cost	
			<b>\$26,849</b>	Less MAI	
MAI	Qty	MAI / Home	<b>\$221,794</b>	Contribution Req.	
	11	\$ 2,441		Total Contribution	
Cost per Lot	\$	4,929	Cost per Customer	\$	20,163

**Project Notes**

Includes Tax Gross-up if contribution is over \$100,000. 8-20 VCBC Director of Economic Development request to revise project to include mains and services to serve 28 lots within Waterfront Meadows Addition. ESR discussed analysis and MDU tariff with VCBC Director of Development on 8-26. Request for additional revision to include Block 1, 2 & 3 Meadow View Estates (additional main footage per cul-de-sac and 18 services). Required contribution and MDU's Maximum Allowable Investment is contingent upon Director level approval. The economic analysis is provided with the understanding that further approval may be required and therefore should be considered high level and subject to change.