



**Opinion of Probable Cost**  
**St. Louis County, Minnesota**  
**Namakan Basin Sanitary Sewer Initiative**  
**SEH No. STLCO 108434**

6/24/2010

**Collection System Cost for Area A**

	Proposed Flow (gpd) Count		Unit Cost	Total Capital Cost	O&M Unit Cost	Total O&M Cost
<b>Area A</b>	<b>19,350</b>	<b>57</b>		<b>\$742,200</b>		<b>\$26,800</b>
Cluster A1	6,675	26	\$30	\$200,250	\$2.00	\$13,350
Cluster A2	4,875	10	\$25	\$121,875	\$1.67	\$8,141
Individual	7,800	21	\$20,000	\$420,000	\$250.00	\$5,250
<b>Area B</b>	<b>19,200</b>	<b>34</b>		<b>\$672,000</b>		<b>\$38,400</b>
Cluster B1	19,200	34	\$35	\$672,000	\$2.00	\$38,400
<b>Area C</b>	<b>6,900</b>	<b>26</b>		<b>\$210,500</b>		<b>\$11,400</b>
Cluster C1	4,725	19	\$30	\$141,750	\$1.67	\$7,891
Cluster C2	1,950	6	\$25	\$48,750	\$1.67	\$3,257
Individual	225	1	\$20,000	\$20,000	\$250.00	\$250
<b>Area D</b>	<b>9,000</b>	<b>29</b>		<b>\$166,900</b>		<b>\$16,400</b>
Existing	5,850	16	\$0	\$0	\$2.00	\$11,700
Cluster D	1,875	7	\$25	\$46,875	\$1.67	\$3,131
Individual	1,275	6	\$20,000	\$120,000	\$250.00	\$1,500
<b>Area E</b>	<b>3,225</b>	<b>14</b>		<b>\$265,000</b>		<b>\$3,800</b>
Cluster F2	450	2	\$25	\$25,000	\$1.67	\$752
Individual	2,775	12	\$20,000	\$240,000	\$250.00	\$3,000
<b>Area F</b>	<b>24,900</b>	<b>47</b>		<b>\$852,200</b>		<b>\$49,500</b>
Cluster F1	5,775	19	\$30	\$173,250	\$2.00	\$11,550
Cluster F2	18,825	27	\$35	\$658,875	\$2.00	\$37,650
Individual	300	1	\$20,000	\$20,000	\$250.00	\$250
<b>Area G</b>	<b>4,050</b>	<b>17</b>		<b>\$101,300</b>		<b>\$6,800</b>
Cluster G	4,050	17	\$25	\$101,250	\$1.67	\$6,764
<b>Area H</b>	<b>9,600</b>	<b>34</b>		<b>\$336,000</b>		<b>\$19,200</b>
Cluster H	9,600	34	\$35	\$336,000	\$2.00	\$19,200
<b>Area I</b>	<b>2,175</b>	<b>12</b>		<b>\$240,000</b>		<b>\$3,000</b>
Individual I	2,175	12	\$20,000	\$240,000	\$250.00	\$3,000
<b>Area J</b>	<b>9,600</b>	<b>33</b>		<b>\$336,000</b>		<b>\$19,200</b>
Cluster H	9,600	33	\$35	\$336,000	\$2.00	\$19,200
<b>Area K</b>	<b>14,250</b>	<b>45</b>		<b>\$522,000</b>		<b>\$21,900</b>
Cluster K1	6,525	26	\$30	\$195,750	\$2.00	\$13,050
Cluster K2	3,450	7	\$25	\$86,250	\$1.67	\$5,762
Individual	4,275	12	\$20,000	\$240,000	\$250.00	\$3,000
<b>Area L</b>	<b>16,650</b>	<b>49</b>		<b>\$277,900</b>		<b>\$33,000</b>
Cluster L1	8,325	16	\$30	\$249,750	\$2.00	\$16,650
Cluster L2	1,125	5	\$25	\$28,125	\$1.67	\$1,879
Existing Cluster	7,200	28	\$0	\$0	\$2.00	\$14,400

	Proposed Flow (gpd) Count		Total Capital Unit Cost Cost		O&M Unit Cost	Total O&M Cost
<b>Area M</b>	<b>10,800</b>	<b>35</b>	<b>\$314,000</b>		<b>\$19,900</b>	
Cluster M1	6,675	19	\$30	\$200,250	\$2.00	\$13,350
Cluster M2	3,750	15	\$25	\$93,750	\$1.67	\$6,263
Individual	375	1	\$20,000	\$20,000	\$250.00	\$250
<b>Area N</b>	<b>3,600</b>	<b>14</b>	<b>\$122,500</b>		<b>\$6,100</b>	
Cluster N1	3,300	12	\$25	\$82,500	\$1.67	\$5,511
Individual	300	2	\$20,000	\$40,000	\$250.00	\$500
<b>Area O</b>	<b>3,375</b>	<b>13</b>	<b>\$160,000</b>		<b>\$4,800</b>	
Completed	1,650	5	\$25	\$0	\$1.67	\$2,756
Individual	1,725	8	\$20,000	\$160,000	\$250.00	\$2,000
<b>Area P</b>	<b>3,225</b>	<b>13</b>	<b>\$64,500</b>		<b>\$5,400</b>	
Cluster P1	3,225	13	\$20	\$64,500	\$1.67	\$5,386
Individual	0	0	\$20,000	\$0	\$250.00	\$0
<b>Area Q</b>	<b>1,350</b>	<b>6</b>	<b>\$80,000</b>		<b>\$2,100</b>	
Cluster Q1	900	4	\$25	\$40,000	\$1.67	\$1,503
Individual	450	2	\$20,000	\$40,000	\$250.00	\$500
<b>Area S</b>	<b>5,475</b>	<b>11</b>	<b>\$200,000</b>		<b>\$2,500</b>	
Individual	2,250	10	\$20,000	\$200,000	\$250.00	\$2,500
Nelson's Resort	3,225	1	\$0	\$0	\$0.00	\$0
<b>Area T</b>	<b>7,125</b>	<b>27</b>	<b>\$443,500</b>		<b>\$39,900</b>	
CLWSD	5,400	20	\$15,171	\$303,420	\$0.00	\$38,117
Individual	1,725	7	\$20,000	\$140,000	\$250.00	\$1,750
<b>Area V</b>	<b>9,375</b>	<b>34</b>	<b>\$525,500</b>		<b>\$62,800</b>	
CLWSD	8,925	32	\$15,171	\$485,472	\$0.00	\$62,289
Individual	450	2	\$20,000	\$40,000	\$250.00	\$500
<b>Area W</b>	<b>750</b>	<b>3</b>	<b>\$40,000</b>		<b>\$1,100</b>	
Cluster W1	450	2	\$25	\$20,000	\$1.67	\$752
Individual	300	1	\$20,000	\$20,000	\$250.00	\$250
<b>Area X</b>	<b>6,000</b>	<b>23</b>	<b>\$313,200</b>		<b>\$7,900</b>	
Cluster X1	2,925	11	\$25	\$73,125	\$1.67	\$4,885
Individual	3,075	12	\$20,000	\$240,000	\$250.00	\$3,000
<b>Area Y</b>	<b>1,650</b>	<b>8</b>	<b>\$121,400</b>		<b>\$13,000</b>	
CLWSD	1,650	8	\$15,171	\$121,368	\$0.00	\$12,916
<b>Area KR</b>	<b>12,900</b>	<b>47</b>	<b>\$940,000</b>		<b>\$11,800</b>	
Individual	12,900	47	\$20,000	\$940,000	\$250.00	\$11,750
<b>Area AR</b>	<b>5,100</b>	<b>25</b>	<b>\$500,000</b>		<b>\$6,300</b>	
Individual	5,100	25	\$20,000	\$500,000	\$250.00	\$6,250
<b>Area CR</b>	<b>1,800</b>	<b>8</b>	<b>\$160,000</b>		<b>\$2,000</b>	
Individual	1,800	8	\$20,000	\$160,000	\$250.00	\$2,000
<b>Totals</b>	<b>241,425</b>	<b>785</b>	<b>\$8,706,600</b>		<b>\$435,000</b>	

CLWSD Fees: \$56/month + \$12.52/1,000 gallons User Fees  
\$15,171 Connection Fee