
Subject: FW: PFA Wastewater Systems Information - Regarding Follow Up Requests from LCCMR Meeting June 7th 2017
Attachments: system costs_CW recipients_2015-2017.pdf

Jeff Freeman's response to members question 'What's the average of user charge for waste water treatment per household by community across the state?'

From: Freeman, Jeff (PFA) [<mailto:jeff.freeman@state.mn.us>]
Sent: Wednesday, June 21, 2017 8:11 AM
To: Michael Varien <Michael.Varien@lccmr.leg.mn>; Gauthier, Greta (MPCA) <greta.gauthier@state.mn.us>
Subject: RE: Follow Up Requests from LCCMR Meeting June 7th 2017

Please see the attached table in response to the question about average wastewater user charges. As I said at the meeting, the PFA does not have comprehensive data regarding user charges throughout the state. The attachment shows average wastewater system costs per household for cities that PFA has funded over the past few years. The average system cost is based on the total operation and maintenance and debt service costs divided by the number of users, which is how the calculations are done for WIF affordability grants. The summary table at the bottom shows the differences between the metro area and outstate communities.

Please let me know if there are questions.

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Minnesota Public Facilities Authority
Average System Costs per Household for Clean Water Recipients (FY 2015-2017)

Recipient	FY	Population	MHI	Total Project Cost	PFA Project Financing			Average System Cost per HH with PFA Loan/Grant Financing	
					CWRF Loan	WIF/Fed PF Grant	PSIG Grant	Avg Monthly Cost per HH	% of MHI
Canby	2015	1,851	\$42,000	4,266,964	4,266,964	-	-	\$ 45.89	1.3%
Crow Wing Co. (North Long Lal	2015	116	\$46,822	1,331,957	208,305	833,221	290,431	\$ 68.93	1.8%
Duluth	2015	86,177	\$41,116	4,801,920	1,255,464	3,546,456	-	\$ 53.50	1.6%
Elbow Lake	2015	1,274	\$35,444	2,067,026	450,608	1,616,418	-	\$ 64.01	2.2%
Evansville	2015	665	\$26,500	2,918,146	515,260	2,402,886	-	\$ 61.87	2.8%
Hayfield	2015	1,265	\$51,369	2,056,627	1,759,445	-	297,182	\$ 57.59	1.3%
Hayward	2015	205	\$58,594	244,431	163,033	-	81,398	\$ 27.01	0.6%
Kandiyohi	2015	550	\$44,028	1,630,400	326,080	1,304,320	-	\$ 67.38	1.8%
Mankato	2015	39,246	\$40,869	6,829,525	6,829,525	-	-	\$ 25.44	0.7%
MCES (Metropolitan Council)	2015	2,979,243	\$67,415	60,000,000	60,000,000	-	-	\$ 21.25	0.4%
Mora	2015	3,553	\$39,330	7,012,345	3,366,357	645,988	3,000,000	\$ 39.01	1.2%
Rushford	2015	1,918	\$43,750	484,860	484,860	-	-	\$ 42.35	1.2%
Two Harbors	2015	3,729	\$34,701	2,019,378	106,572	643,311	1,269,495	\$ 41.30	1.4%
Warren	2015	1,900	\$45,104	440,884	440,884	-	-	\$ 26.19	0.7%
Western Lake Superior SD	2015	135,542	\$46,522	10,712,948	6,941,990	3,770,958	-	\$ 56.63	1.5%
Willmar	2015	19,541	\$40,417	3,000,000	3,000,000	-	-	\$ 34.33	1.0%
Annandale	2016	3,256	\$53,155	626,795	125,359	501,436	-	\$ 75.47	1.7%
Atwater	2016	1,010	\$48,667	1,144,795	1,144,795	-	-	\$ 18.60	0.5%
Crosby	2016	2,324	\$26,371	613,432	613,432	-	-	\$ 20.22	0.9%
Eagle Bend	2016	471	\$38,500	336,077	67,215	268,862	-	\$ 57.40	1.8%
Henning	2016	824	\$30,104	79,280	79,280	-	-	\$ 23.92	1.0%
Madison	2016	1,565	\$39,878	4,535,465	1,074,997	3,460,468	-	\$ 63.73	1.9%
MCES (Metropolitan Council)	2016	3,005,419	\$68,386	70,000,000	70,000,000	-	-	\$ 22.83	0.4%
Monticello	2016	12,841	\$72,650	3,556,526	2,391,483	-	1,165,043	\$ 28.24	0.5%
Moose Lake	2016	2,771	\$34,893	3,009,316	2,562,402	-	446,914	\$ 15.80	0.5%
New York Mills	2016	1,527	\$36,184	1,305,832	1,305,832	-	-	\$ 38.57	1.3%
Perham	2016	3,008	\$41,382	1,169,522	1,169,522	-	-	\$ 32.43	0.9%
Vernon Center	2016	328	\$43,281	361,784	361,784	-	-	\$ 37.89	1.1%
Wadena	2016	4,183	\$26,766	4,102,252	4,102,252	-	-	\$ 35.20	1.6%
Waterville	2016	1,794	\$39,188	13,422,223	7,402,633	3,170,867	2,848,723	\$ 51.70	1.6%
Waverly	2016	1,416	\$62,232	614,210	122,842	491,368	-	\$ 100.25	1.9%
Western Lake Superior SD	2016	137,469	\$47,191	3,290,550	2,132,276	1,158,274	-	\$ 56.44	1.4%
Western Lake Superior SD	2016	137,469	\$47,191	11,156,620	7,029,490	4,127,130	-	\$ 57.14	1.5%

Minnesota Public Facilities Authority
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Aitkin	2017	2,351	\$30,491	826,952	826,952	-	-	\$ 27.68	1.1%
Central Iron Range SSD	2017	6,596	\$38,704	5,030,626	1,310,192	-	3,720,434	\$ 40.54	1.3%
East Grand Forks	2017	8,565	\$51,042	6,933,456	6,933,456	-	-	\$ 46.69	1.1%
Hallock	2017	883	\$49,167	599,946	599,946	-	-	\$ 18.01	0.4%
Heron Lake	2017	626	\$38,859	1,492,453	1,492,453	-	-	\$ 44.72	1.4%
MCES (Metropolitan Council)	2017	3,041,195	\$69,063	40,000,000	40,000,000	-	-	\$ 22.83	0.4%
Minneota	2017	1,343	\$51,827	1,427,582	285,516	-	1,142,066	\$ 25.71	0.6%
Osakis	2017	1,715	\$39,853	525,048	525,048	-	-	\$ 22.52	0.7%
Pipestone	2017	4,221	\$41,154	1,061,741	1,061,741	-	-	\$ 29.62	0.9%
Saint Cloud	2017	66,038	\$42,788	4,062,885	4,062,885	-	-	\$ 17.09	0.5%
Saint Francis	2017	4,815	\$45,000	24,982,915	16,010,544	1,972,371	7,000,000	\$ 54.72	1.5%
Walker	2017	985	\$31,523	3,305,790	2,713,023	592,767	-	\$ 39.48	1.5%
Warren	2017	1,325	\$47,135	380,999	380,999	-	-	\$ 18.59	0.5%
Western Lake Superior SD	2017	138,258	\$48,719	1,786,599	1,786,599	-	-	\$ 56.89	1.4%
Western Lake Superior SD	2017	137,469	\$47,191	4,964,308	3,216,871	1,747,437	-	\$ 57.09	1.5%
Willmar	2017	19,626	\$42,033	1,046,528	1,046,528	-	-	\$ 37.16	1.1%

Notes: System costs include operation and maintenance and debt service costs divided by the total number of users to determine the average monthly cost per household.
Population and MHI data is based on when the project was funded.

Average monthly system costs by area-population

Area-population	\$ per HH	as % of MHI
outstate under 1500	\$46	1.2%
outstate at least 1500	\$41	1.2%
MCES Service Area	\$22	0.4%