

Old and New Business (updates) 9-8-20

Interceptor Action Plan

- SMS has received all televising records and has reviewed the footage and still shots. Based on comments made by Great Lakes during televising, Scott was on site August 20th to revisit select representative structures documenting changes and current conditions within the structures.
- HOVMSD and SMS conducted a working meeting on August 25th to discuss and summarize televising findings, new information and findings, and to prepare for the scheduled Interceptor Action Plan meeting that is scheduled for September 22nd.

Influent sewage sampling – WSLH covid testing

- Accepted invitation to participate in sampling for the study. Provided study with sample shipping information and a current map and boundaries of the sewer service area of HOVMSD. The updated map was provided by East Central Regional Planning. To date no formal sample schedule or information has been received back from the WSLH.

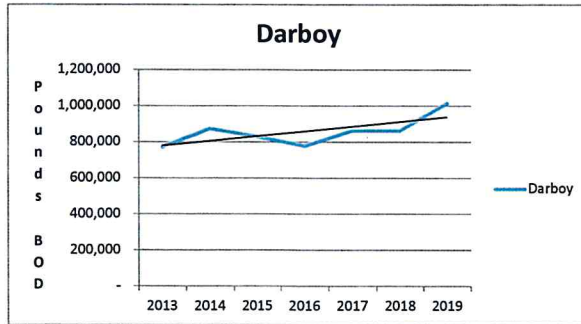
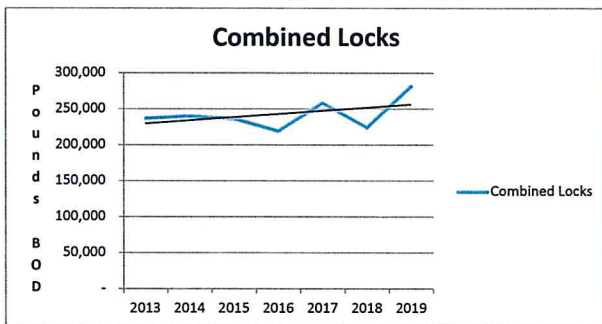
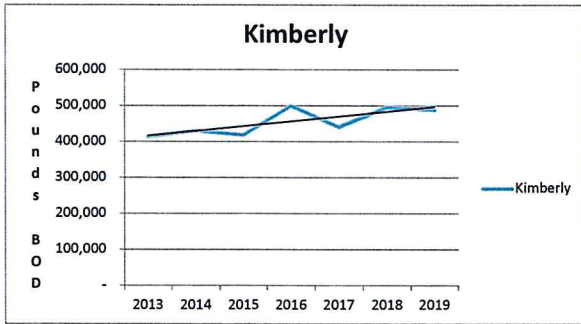
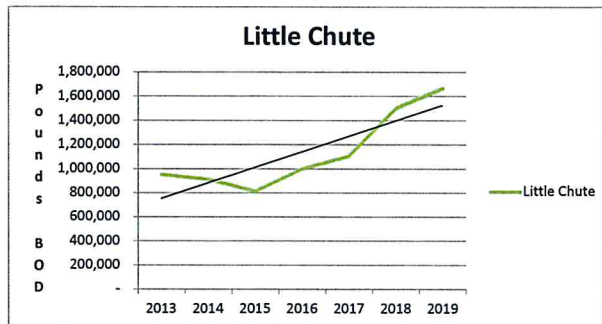
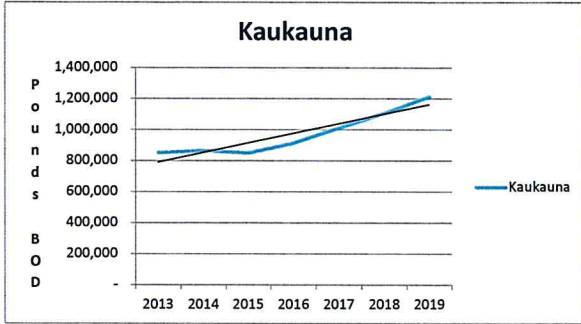
2020 YTD BOD/Ammonia loadings

- See attachments/graphs
- The projected loadings for the year for both parameters are anticipated to have a healthy increase over 2019 total loadings. No sign of a stoppage or leveling off of loadings growth within the District.

BOD LOADINGS

	2013	2014	2015	2016	2017	2018	2019	Thru July 2020
Kaukauna	851,551	867,639	849,511	913,981	1,012,966	1,107,495	1,214,385	737,590
Little Chute	952,520	911,281	813,310	998,017	1,105,170	1,500,818	1,666,315	992,594
Kimberly	414,645	430,171	418,662	499,892	440,561	495,597	488,376	276,249
Combined Locks	237,135	240,411	236,809	219,359	258,495	224,502	281,880	163,749
Darboy	772,782	873,183	828,513	777,435	860,793	862,874	1,015,992	641,764
TOTAL	3,228,633	3,322,685	3,146,805	3,408,684	3,677,985	4,191,286	4,666,948	2,811,945

Proj 2020
+3.35%



$$\frac{7}{12} = .583$$

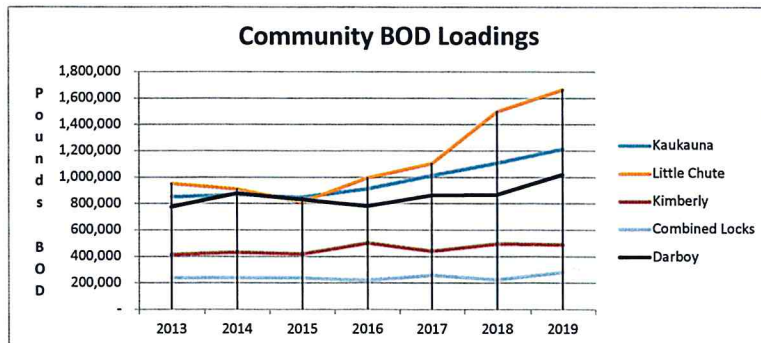
$$\frac{5}{12} = .417$$

$$\frac{.583}{2811945} \times \frac{.417}{x}$$

$$x = 2011288 \quad 5mo$$

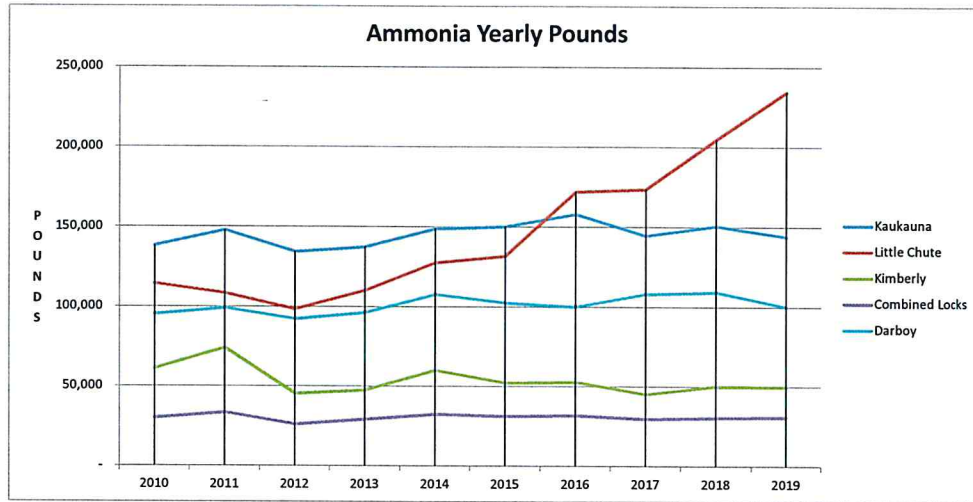
$$+ 2811945 \quad 7mo$$

$$4,823,233 \text{ lbs/year } 20$$

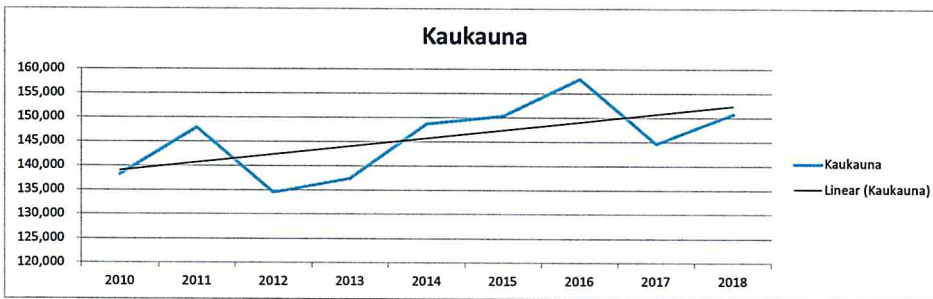


	Ammonia-N Pounds per Year										Thru
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	July 2020
Kaukauna	138,277	147,935	134,525	137,442	148,768	150,375	158,086	144,663	150,810	144,119	85,088
Little Chute	114,512	108,442	98,389	110,233	127,597	131,821	172,079	173,759	204,901	234,630	151,668
Kimberly	61,061	74,073	45,473	47,571	60,040	52,228	52,885	45,181	50,243	49,852	27,555
Combined Locks	30,254	33,552	26,156	29,362	32,593	31,454	31,946	29,815	30,633	30,905	17,788
Darboy	95,342	99,270	92,443	96,373	107,724	102,535	100,100	108,147	109,391	100,067	59,209
TOTALS	439,447	463,271	396,986	420,981	476,722	468,413	515,096	501,566	545,978	559,574	341,308

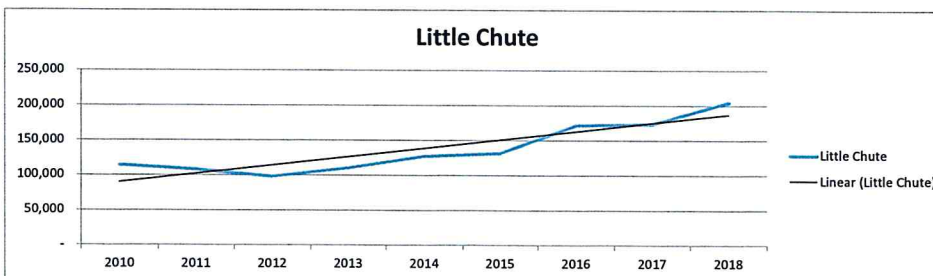
Proj 20
+4.42%



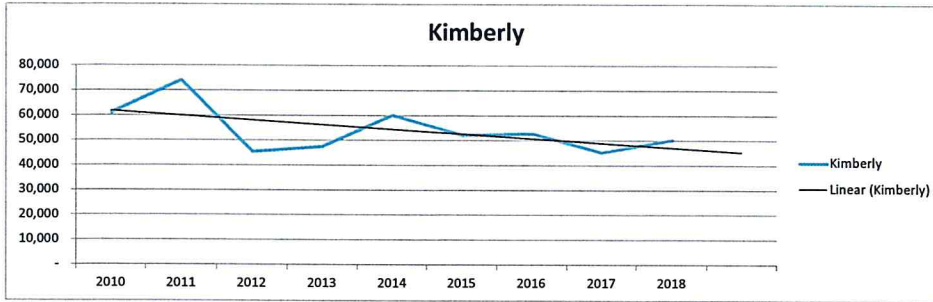
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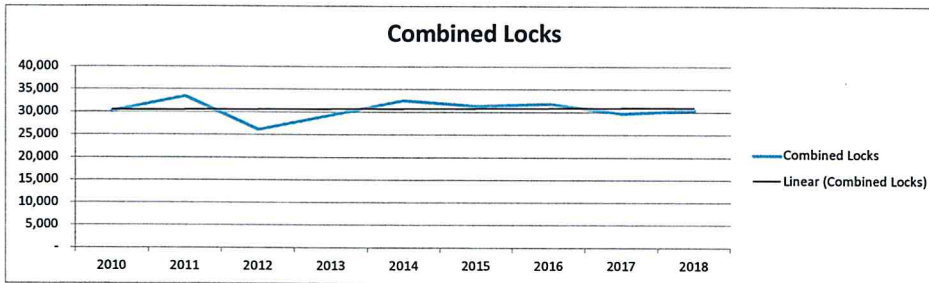
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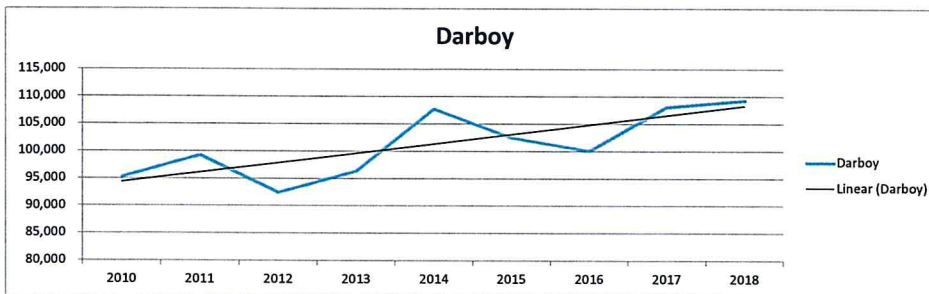
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Kimberly	61,061	74,073	45,473	47,571	60,040	52,228	52,885	45,181	50,243



	2010	2011	2012	2013	2014	2015	2016	2017	2018
Combined Locks	30,254	33,552	26,156	29,362	32,593	31,454	31,946	29,815	30,633



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Darboy	95,342	99,270	92,443	96,373	107,724	102,535	100,100	108,147	109,391



$$\frac{.583}{341308} \times \frac{.417}{X}$$

$$X = 244126 \text{ 5 mo}$$

$$+ 341308 \text{ 7 mo}$$

$$585,434 \text{ lbs/yr 20}$$