

THE CORPORATION OF THE TOWN OF HEARST

BY-LAW NO. 12-2022

Being a by-law to approve the water service and the sanitary sewer service budgets for the 2022 fiscal year and to set the water consumption and service charges and sewage service charges

WHEREAS the Corporation of the Town of Hearst owns, operates, maintains and rehabilitates municipal infrastructure to supply potable water and sanitary sewage disposal services to residents of the Municipality, and

WHEREAS the annual budgets for the operation and the capital works of the water and sanitary sewer infrastructure must be approved at this time in order that water consumption rates and service charges and sanitary service charges be set for users at the start of the new fiscal year, and

WHEREAS the water line along the north and south boundaries of Highway 11 East from the Mattawishkwia bridge in an easterly direction for a distance of 1,382 meters must be financed in part by the residents and businesses consuming potable water via this new infrastructure,

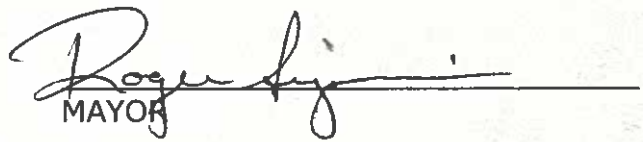
NOW THEREFORE BE IT ENACTED by the Council of the Corporation of the Town of Hearst that:

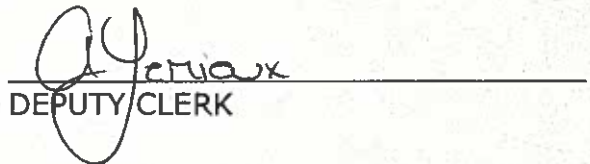
1. THAT the Water Budget for the 2022 fiscal year comprising revenues of \$1,273,600 and expenditures of \$1,205,800 as set out in Schedule A appended hereto and forming part of this by-law, be hereby approved.
2. THAT the Water Capital Projects Budget for the 2022 fiscal year totaling \$726,500 as set out in Schedule B appended hereto and forming part of this by-law, be hereby approved.
3. THAT the Sanitary Sewer Budget for the 2022 fiscal year comprising revenues of \$919,400 and expenditures of \$659,000 as set out in Schedule C appended hereto and forming part of this by-law, be hereby approved.
4. THAT the Sanitary Sewer Capital Projects Budget for the 2022 fiscal year totaling \$199,000 as set out in Schedule D appended hereto and forming part of this by-law, be hereby approved.
5. THAT the water consumption rate and water service charges as set out in Schedule E appended hereto and forming part of this by-law, be hereby approved.
6. THAT THE sewage service charge be set at the rate of seventy-six point seven percent (76.7%) of the water consumption charge and the water service charge set out in Schedule E appended hereto and forming part of this by-law, be hereby approved.
7. THAT the residents and businesses along the north and south boundaries of Highway 11 East from the Mattawishkwia bridge in an easterly direction on a distance of 1,382 metres be charged an additional \$1.36 per 1000 gallons of water as set out in Schedule F appended hereto and forming part of this by-law, until such time as 25% of the share of costs for the installation of the said water line apportioned to residents and businesses has been paid.
8. THAT the sewage charge be set at the rate of seventy-six point seven percent (76.7%) of the water consumption and service charges, not including the additional charge referred to in Clause 7 of this By-law.

- 9. THAT this by-law shall be deemed to have come into force and taken effect on the 1st day of January 2022.
- 10. THAT By-law 01-2021 be hereby repealed effective on the 1st day of January 2022.

READ IN PASSED IN OPEN COUNCIL

THIS 8TH DAY OF FEBRUARY, 2022.


MAYOR


DEPUTY CLERK

**THE CORPORATION OF THE TOWN OF HEARST
2022 WATER BUDGET**

SCHEDULE A

Account description	2016	2017	2017	8%	2018	5%	2019	3%	2020	7%	2021	3%	2022
	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Projected	Budget	Budget
Sale of water - Residential	\$420 829	\$442 500	\$425 849	\$459 900	\$448 128	\$470 500	\$474 544	\$488 800	\$507 628	\$553 900	\$530 510	\$546 400	\$541 100
Sale of water - General service	238 573	251 200	239 783	259 000	263 596	276 800	267 596	275 600	244 133	266 000	272 015	280 200	277 500
Service charge - Residential	182 478	191 300	191 562	206 900	205 341	215 600	223 031	229 700	230 334	250 800	247 077	254 800	252 000
Service charge - General service	42 477	44 600	44 598	48 200	48 627	51 100	54 090	55 700	55 799	60 700	59 685	61 500	60 900
Misc. revenue & Interest	-							-					
Fire hydrants charges	18 818	18 800	18 818	18 800	18 818	18 800	18 818	18 800	18 818	18 800	18 818	18 800	18 800
Sprinkler charges	24 550	25 300	24 544	24 500	24 550	24 500	24 802	25 300	24 983	27 600	26 915	27 600	27 600
Overhead recovered			207		922								
Appropriation of accumulated surplus													
Current deferred subsidies	77 920	48 517	81 397	48 500	81 397	81 397	81 397	81 422	81 397	52 600	81 397	84 300	84 300
Total revenues	1 005 645	1 022 217	1 026 758	1 065 800	1 091 379	1 138 697	1 144 278	1 175 322	1 163 092	1 230 400	1 236 417	1 273 600	1 262 200
Total expenditures	1 051 250	1 136 600	1 062 136	1 166 945	1 049 587	1 124 025	1 120 975	1 117 200	1 089 717	1 128 000	1 101 433	1 205 800	1 205 800
Annual surplus (deficit)	(45 605)	(114 383)	(35 378)	(101 145)	41 792	14 672	23 303	58 122	73 375	102 400	134 984	67 800	56 400
Accumulated surplus (deficit), beginning of year	(\$341 687)	(387 292)	(387 292)	(422 670)	(422 670)	(380 878)	(380 878)	(357 575)	(357 575)	(284 200)	(284 200)	(149 216)	(149 216)
Accumulated surplus (deficit), end of year	(387 292)	(501 675)	(422 670)	(523 815)	(380 878)	(366 206)	(357 575)	(299 453)	(284 200)	(181 800)	(149 216)	(81 416)	(92 816)

**THE CORPORATION OF THE TOWN OF HEARST
2022 WATER BUDGET**

	2016	2017	2017	8%	2018	5%	2019	2019	3%	2020	2020	7%	2021	2021	3%	2022	2%
<u>Account description</u>	<u>Actual</u>	<u>Budget</u>	<u>Actual</u>	<u>Budget</u>	<u>Actual</u>	<u>Budget</u>	<u>Actual</u>	<u>Budget</u>	<u>Actual</u>	<u>Budget</u>	<u>Actual</u>	<u>Budget</u>	<u>Budget</u>	<u>Projected</u>	<u>Budget</u>	<u>Budget</u>	
<u>Water distribution administration</u>																	
Insurance	20 441	19 800	19 842	20 000	20 319	20 700	19 942	22 800	23 221	26 500	27 694	29 900	29 900				
Billing & collecting - Supplies	9 957	16 000	10 000	10 000	9 624	10 300	9 394	10 300	9 191	10 300	9 646	10 300	10 300				
Telephone	1 399	1 500	1 457	1 500	1 203	1 500	1 137	1 500	1 150	1 400	1 116	1 400	1 400				
Advertising	361	300	-	300	-	300	-	300	-	300	-	300	300				
Telephone answering service	938	1 200	1 092	1 100	1 106	1 100	1 121	1 100	1 142	1 200	1 152	1 200	1 200				
Administration HPDC contract	32 082	32 700	32 724	33 400	33 214	33 900	33 946	34 600	34 591	34 900	34 852	35 800	35 800				
Office rental	2 495	2 500	2 545	2 600	2 594	2 600	2 640	2 700	2 690	2 700	2 715	2 800	2 800				
Miscellaneous	-	500	-	500	-	-	-	-	-	-	-	-	-				
Professional fees	1 683	1 800	1 718	1 700	1 785	1 800	1 962	2 000	4 131	2 000	17 354	6 000	6 000				
Non-routine expenses	32 766	-	-	-	-	-	-	-	-	-	-	-	-				
Loss on disposal	-	-	-	-	-	-	-	-	-	-	-	-	-				
Amortization expense	257 901	259 900	259 907	310 745	257 444	257 400	256 582	256 600	211 733	201 000	201 022	214 100	214 100				
Total administration	360 023	336 200	329 285	381 845	327 289	329 600	326 724	331 900	287 849	280 300	295 551	301 800	301 800				
<u>Water distribution maintenance</u>																	
Salaries	15 243	27 200	19 550	24 300	16 802	20 300	31 934	20 300	14 498	20 300	10 506	19 700	19 700				
Equipment	9 460	27 300	16 265	20 000	6 294	14 000	16 106	14 000	12 709	14 000	5 643	14 000	14 000				
Courses & travelling	1 989	-	-	-	-	1 500	780	1 500	-	1 500	-	1 500	1 500				
Supplies & services	8 202	25 400	31 838	22 400	25 144	25 500	41 751	27 900	18 098	25 400	12 269	25 400	25 400				
Street restoration	-	10 000	-	10 000	13 982	10 000	20 847	10 000	-	10 000	-	10 000	10 000				
Total transmission & distribution	34 894	89 900	67 653	76 700	62 222	71 300	111 418	73 700	45 305	71 200	28 418	70 600	70 600				
<u>Water meters maintenance</u>																	
Meter maintenance - Salaries contract	4 804	5 100	2 485	4 500	3 792	4 000	3 759	4 000	2 466	4 000	3 862	4 000	4 000				
Meter maintenance - Supplies & services	6 103	1 000	107	1 000	1 054	4 500	-	1 000	-	1 000	537	1 000	1 000				
Meters reading - Supplies	22 879	22 700	24 634	26 000	24 732	26 000	26 046	26 800	25 884	32 200	29 974	33 400	33 400				
Total meters	33 786	28 800	27 226	31 500	29 578	34 500	29 805	31 800	28 350	37 200	34 373	38 400	38 400				

**THE CORPORATION OF THE TOWN OF HEARST
2022 WATER BUDGET**

Account description	2016 Actual	2017 Budget	2017 Actual	8% 2018 Budget	2018 Actual	5% 2019 Budget	2019 Actual	3% 2020 Budget	2020 Actual	7% 2021 Budget	2021 Projected	3% 2022 Budget	2% 2022 Budget
Water treatment													
Salaries	373	600	-	600	50	600	68	600	97	600	610	600	600
Equipment	1 507	1 000	-	1 000	10	500	-	1 000	-	1 000	129	1 000	1 000
Heating	14 300	14 900	16 585	16 000	15 049	16 000	15 071	16 000	12 010	16 000	16 099	16 700	16 700
Hydro	77 578	81 600	66 697	65 000	59 529	63 500	61 513	66 400	50 504	58 700	44 958	45 800	45 800
Property taxes	24 967	19 300	19 251	19 600	19 423	19 800	19 277	19 700	18 951	19 700	19 202	19 600	19 600
Chemical cost											200 400	208 400	208 400
O.C.W.A. Water filtration plant operation charge	409 600	416 900	416 929	424 000	424 017	433 300	433 344	440 700	440 712	527 600	352 134	381 900	381 900
Building repairs & maintenance	3 862	6 200	3 547	8 500	6 866	11 200	6 720	6 100	2 244	6 100	2 343	8 100	8 100
Water filtration system repairs & maintenance	4 715	10 600	17 983	11 600	22 096	40 300	27 598	34 600	18 295	21 200	17 466	17 800	17 800
Non-routine expenses	-					20 000	4 130	-	97 857				
Amortization expense	85 645	130 600	96 980	130 600	83 458	83 425	85 307	94 700	87 543	88 400	89 750	95 100	95 100
Total water plant operation	622 547	681 700	637 972	676 900	630 498	688 625	653 028	679 800	728 213	739 300	743 091	795 000	795 000
Total expenditures - operations	1 051 250	1 136 600	1 062 136	1 166 945	1 049 587	1 124 025	1 120 975	1 117 200	1 089 717	1 128 000	1 101 433	1 205 800	1 205 800

2022-02-01

**THE CORPORATION OF THE TOWN OF HEARST
2022 WATER CAPITAL PROJECTS BUDGET**

ANNEXE B

Project	2019 Budget	2019 Actual	2020 Budget	2020 Actual	2021 Budget	2021 Projected	2022 Budget
Soda ash - Feeder and controller - RFP Item			40 000				85 000
Soda Ash / Lime Augers - Repair or Replacement - RFP Item							20 000
Plant Waste water pump upgrade							10 000
Low Lift Grading							3 000
Low Lift Transformer							5 000
Exterior Plugs for vehicles - Along gate, for winter snow removal							2 500
Water tower - recirculation line replacement							5 000
Water tower exterior door replacement							5 000
Sludge lagoon interconnection valves/baffles							120 000
Computer for SCADA and Wonderware							4 000
Heater for WTP garage							6 000
Reservoir & clearwell rehab							379 000
St-Laurent/Pearson/Flood project							77 000
Backwash pump VFD automation phase 3					15 000	-	
SCADA proqraming upgrade					5 000	-	5 000
Garage Transformer					4 500	4 289	
Hight Lift Vaccum prime					40 000	-	
Tower - Recirculation flow switch					2 500	-	
Water Tower Ladder Fall arrest system					10 000	18 207	
Insulate Water Tower Control and Valve room					4 000	6 004	
West Street Reconstruction			108 000	89 348			
Backwash pump VFD installation phase 2			15 000		35 000	33 890	
HL VFD automation phase 2			10 000	13 355			
Water Tower inspection			20 000	5 847			
Chemical Header PRV replacement			6 000	5 649			
WTP garage transformer replacement and re-wiring			10 000	-			
Natural gas heaters and air exchanger in low lift Heating boilers in WTP			20 000	11 561			
VFDs install on 2 HL pumps	30 000	21 270					
Convert valve on High Lift pumps	7 000	1 540					
Cooling system & thermostat high lift pump #4	4 000						
VFD controller on the backwash pump	18 500	7 999					
Tractor repair	3 000	1 130					
Assessment of sludge lagoons	20 000	3 000					
HL pumps rebuilt	8 000	4 087					
Backwash pump at water plant	80 000	71 830					
lab spectrophotometer	7 000	5 906					
Rehabilitation of water reservoir	1 911 100	-					
Total Capital expenditures	2 088 600	116 762	214 000	139 913	116 000	62 390	726 500

**THE CORPORATION OF THE TOWN OF HEARST
2022 SANITARY SEWER BUDGET**

ANNEXE C

<u>Account description</u>	Water 8%		ANNEXE C Water 8%		Water 3%		Water 7%		water 2%		water 3%
	same sewer rate		same sewer rate		same sewer rate		same sewer rate		same sewer rate		same sewer rate
	2017 Actual	2018 Budget	2018 Actual	2019 Budget	2019 Actual	2020 Budget	2020 Actual	2021 Budget	2021 Projected	2022 Budget	2022 Budget
<u>Expenditures</u>											
<u>Wastewater collection - Repairs & maintenance</u>											
Repairs & maintenance - salaries	33 959	30 000	51 605	35 300	38 925	39 200	33 234	37 300	31 831	36 300	36 300
Repairs & maintenance - equipment	48 576	50 900	64 821	50 000	49 133	50 000	53 864	54 000	51 678	54 000	54 000
Repairs & maintenance - supplies & services	10 463	50 300	24 825	52 400	65 119	57 600	42 344	58 900	21 283	52 100	52 100
Insurance	1 065	1 100	1 084	1 100	1 028	1 400	1 261	1 400	1 376	1 600	1 600
Heating			232	500	288	300	292	300	335	400	400
Hydro	94 785	98 000	76 842	81 500	95 406	90 000	102 011	115 000	61 080	85 100	85 100
Water & sewer	3 100	3 600	2 137	3 000	4 127	3 500	1 130	3 000	4 490	3 200	3 200
Property taxes	373	400	397	500	423	500	440	500	449	500	500
Non-routine expenses	-	-	-	-	7 285		26 045				
Amortization expense	146 966	146 900	146 661	146 702	145 546	145 526	150 522	149 500	149 653	152 900	152 900
Loss on disposal							6 778				
	339 287	381 200	368 604	371 002	407 280	388 026	417 921	419 900	322 175	386 100	386 100
<u>Wastewater treatment</u>											
Lagoon salaries	312	2 300	1 995	3 300	733	3 600	345	3 600	1 727	3 600	3 600
Lagoon equipment	128	3 500	758	4 500	402	2 400	102	2 400	668	2 200	2 200
Chemical cost	-	-	-	-	-	-	-	-	14 085	14 600	14 600
O.C.W.A. lagoon charges	138 976	141 300	141 339	144 400	144 444	146 900	146 904	175 900	97 017	105 200	105 200
Operations - Cécile's Trailer Park lagoon	14 614	15 000	14 744	15 100	15 052	15 300	15 115	18 200	10 673	14 300	14 300
Treatment supplies & services	10 711	12 900	11 377	19 700	18 263	18 500	17 330	16 500	5 558	4 500	4 500
Amortization expense	108 859	144 600	125 386	125 339	125 602	129 300	123 358	125 300	122 918	128 500	128 500
Non-capitalized expenditures				35 000	-	30 000	-	-	57 019		
	273 600	319 600	295 599	347 339	304 496	346 000	303 154	341 900	309 665	272 900	272 900
<u>Total expenditures</u>	612 887	700 800	664 203	718 341	711 776	734 026	721 075	761 800	631 840	659 000	659 000

THE CORPORATION OF THE TOWN OF HEARST
2022 SANITARY SEWER BUDGET

<u>Account description</u>	Water 8%		ANNEXE C	Water 3%		Water 7%		water 2%	water 3%		
	2017	2018	Water 8%	2020	2020	2021	2021	2022	2022		
	Actual	Budget	same sewer rate	Actual	Budget	Actual	Projected	Budget	Budget		
Revenues											
Sewer surcharge on water billings	\$666 500	\$717 600	\$722 862	\$768 800	\$760 978	\$773 300	\$778 799	\$818 700	\$821 135	\$834 700	\$843 400
Sewer and water connections	-	-	-	-	-	-	-	-	-	-	-
Operations - Cécile Trailer Park lagoon	6 483	7 000	6 877	7 200	77 000	7 700	7 558	7 600	8 085	8 100	8 100
Overhead recovered	14 125	14 100	14 134	14 400	30 141	14 400	9 563	17 600	10 165	12 700	12 700
Transfer from reserve											
Current deferred subsidies	41 283	32 070	55 168	55 200	55 168	55 200	55 168	55 200	55 168	55 200	55 200
CWWF	2 207			16 100	-						
OMAFRA	7 006			7 000	-						
Total revenues	737 604	770 770	799 041	868 700	923 287	850 600	851 088	899 100	894 553	910 700	919 400
Total expenditures	612 887	700 800	664 203	718 341	711 776	734 026	721 075	761 800	631 840	659 000	659 000
Annual surplus (deficit)	124 717	69 970	134 838	150 359	211 511	116 574	130 013	137 300	262 713	251 700	260 400
Accumulated surplus (deficit), beginning of year	(\$980 439)	(\$855 722)	(\$855 722)	(\$720 884)	(\$720 884)	(\$509 373)	(\$509 373)	(\$379 360)	(\$379 360)	(\$116 647)	(\$116 647)
Accumulated surplus (deficit) end of year	(\$855 722)	(\$785 752)	(\$720 884)	(\$570 525)	(\$509 373)	(\$392 799)	(\$379 360)	(\$242 060)	(\$116 647)	\$135 053	\$143 753

**THE CORPORATION OF THE TOWN OF HEARST
2022 SANITARY SEWER CAPITAL PROJECTS BUDGET**

ANNEXE D

Project	2019 Budget	2019 Actual	2020 Budget	2020 Actual	2021 Budget	2021 Projected	2022 Budget
Lagoon building - alum pump replacement							10 000
5th St SPS - Pump #2 to be repaired							30 000
Cecile SPS - Pumps to be repaired							20 000
Cecile SPS - Check Valves							5 000
St-Laurent/Pearson/Flood project							134 000
Lagoon Cell 1 - Cleaning, removal, hauling, testing					50 000	57 019	
5th St SPS - Pumps (1&2) repairs					30 000	-	
5th St SPS - Leaking Check valve					7 500	-	
Wyborn SPS - Natural Gas heater and Gas line					7 000	-	
Confined space inspection camera					12 000	10 415	
West Street reconstruction project			86 000	245 319			
Lagoon headwork study			30 000	26 045			
Upgrade blowers to VFD			40 000	-	40 000	41 018	
Picard SPS - Major mtce			12 000	11 381			
Wyborn PSP pump #2 impeller & wear ring			3 000	-			
Diesel SPS - Generator transfer switch			10 000	7 373			
Assessment of sludge lagoon in all cells	35 000	7 285					
Shear gates inspection	1 000	-					
Wyborn pump #2 impeller/wear ring	2 000	-					
Boat for lagoon maintenance	9 000	8 680					
Replace seal water pump at main station	2 000	-					
Replacement of check valves balls	1 500	-					
Fix water infiltration at diesel station	25 000	-					
Tincan impellers, wear rings and a pull box	6 000	4 318					
Total capital projects	81 500	20 283	181 000	290 118	146 500	108 452	199 000

Schedule E of By-law No. 12-2022

The following monthly water rates shall be imposed pursuant to Article 5 of this by-law.

1. A monthly service charge shall be imposed to every water service user, irrespective of any quantity of water used, in accordance with the amounts calculated for the applicable meter size as per the following:

The rate for the 1" meter shall be the rate used to calculate all other rates in relation to meter sizes in accordance with the formulas set out hereunder:

- For meter sizes smaller than 1" and up to and including 4" in diameter, the rate shall be the 1" rate times the size of the meter.
- For meter sizes greater than 4" up to and including 5", the rate shall be 90% of the 1" rate times the size of the meter.
- For meter sizes greater than 5" up to and including 6", the rate shall be 80% of the 1" rate times the size of the meter.
- For meter sizes greater than 6", the rate shall be 75% of the 1" rate times the size of the meter.

2. Based on the formula set out in section 1 hereabove, the following service charges will apply effective on January 1st, 2022:

<u>Meter Size</u>	<u>Monthly Service Charge</u>
5/8"	\$ 9.91
3/4"	11.89
1"	15.85
1 1/4"	19.82
1 1/2"	23.78
2"	31.70
3"	47.55
4"	63.40
5"	71.33
6"	76.08
7"	83.22

The water service charge may be adjusted to the size of the principal internal plumbing system of a building provided the meter is of the same size or is changed to the same size and provided the charge is not lower than for the minimum size of 5/8". Any adjustment in this respect shall be granted retroactively for a period not to exceed 40 weeks.

3. Where a multiple dwelling is serviced by a single meter, the minimum rate to be charged for each dwelling unit shall be the minimum rate for that multiple dwelling, based on meter size, divided by the number of dwelling units, save and except that each minimum rate shall in no case be less than \$9.91 per dwelling unit.
4. A charge of \$9.02 per 1,000 gallons of water used or in proportion thereof, shall be imposed to all users, irrespective of meter size.
5. A sprinkler charge of \$173.44 per month shall be imposed to users who have sprinkler systems.
6. A charge of \$18,817.88 per year shall be imposed to the Corporation of the Town of Hearst for the fire hydrants.
7. In the case of a second water line to a single dwelling residential property that is used solely for seasonal purposes, the service charge shall apply for only those months where water consumption is registered on the water meter.