

Ln	Project Description	Project Cost	Pre- 2011	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 +
<b>Water &amp; Sewer</b>														
w1	2803WS Cedar Heights Standpipe & Sanitary Expansion - Cedar Heights Rd. - Phase 1A	18,600,000	600,000	\$6,000,000	\$3,000,000	\$3,000,000	\$6,000,000							
w2	2825WS Traffic Signals - Pearce St - Airport Rd to Francis St - <b>Also see Roads</b>	750,000	n/a	\$750,000										
w3	2919WS Street Reconstruction - Pearce (Francis to Greenhill) - <b>Also see Roads</b>	1,300,000	200,000	\$0	\$0	\$1,100,000								
w4	2937WS Asset Management Program	1,000,000	500,000	\$250,000	\$250,000									
w5	3060WS City Trunk Rehab (Hughes Road/Hillview/Ski Club)	4,300,000	300,000	\$0	\$2,000,000	\$1,100,000	\$900,000							
w6	3061SS Sanitary Sewer Upsize - Main St (Gormanville to Memorial)	2,700,000	100,000	\$0	\$0	\$1,300,000	\$1,300,000							
w7	3063WS Street Reconstruction - Ski Club Rd (Lakeside to Johnston)	3,000,000	1,400,000	\$800,000	\$800,000									
w8	3070SS Sanitary Sewer - Inflow / Infiltration Reduction / Flow Monitoring Program	1,100,000	100,000	\$500,000	\$500,000									
w9	3104WS Street Reconstruction - Ferguson St. - McIntyre to Chippewa - <b>Also see Roads</b>	3,400,000	n/a	\$0	\$1,700,000	\$1,700,000								
w10	3105WS Street Reconstruction - Main St (Sherbrooke St to Overpass) - <b>Also see Roads</b>	2,000,000	n/a	\$1,600,000	\$400,000									
w11	3107WS Street Reconstruction - Trout Lake Road (Connaught to Giroux) - <b>Also see Roads</b>	1,000,000	n/a	\$1,000,000										
w12	3116SS Sanitary Sewer - Premier Rd. Pumping Station (Sewer Back-up Prevention)	3,100,000	1,000,000	\$100,000	\$1,000,000		\$1,000,000							
w13	3117SS Sanitary Sewer - Rehab Program	300,000	n/a	\$300,000										
w14	3118SS Sanitary Sewer Upgrades - South Block (Drury/McGaughey)	200,000	n/a	\$200,000										
w15	3119WS Watermain - Cathodic Protection Program	1,200,000	n/a	\$200,000		\$200,000		\$200,000		\$200,000		\$200,000		\$200,000
w16	3206SS Sanitary Sewer - Eliminate Metcalfe Ave Pumping Station	600,000	n/a		\$600,000									
w17	3207WS Watermain Looping - Sage Rd / Lakeside Dr to Sable Cr.	1,000,000	n/a		\$100,000		\$900,000							
w18	3208WS Watermain Replacement - Lakeshore Dr (Phase 1 - Marshall Ave to Jessops Creek)	800,000	n/a		\$200,000		\$200,000		\$200,000		\$200,000			
w19	3300WS Street Reconstruction - John St. (John St. Bridge Watermain Crossing) - <b>Also see Roads</b>	300,000	n/a			\$300,000								
w20	3301WS Street Reconstruction - MTO Expressway related Municipal Works - <b>Also see Roads</b>	8,000,000	n/a			\$2,000,000	\$250,000	\$1,750,000	\$250,000	\$1,750,000	\$250,000	\$1,750,000		
w21	3304SS Extension of Sanitary Sewer to Pinewood Pk Dr. Area	2,500,000	n/a				\$2,500,000							
w22	3406SS Gertrude / Whitney Sanitary Sewer Upsize	1,500,000	n/a				\$1,100,000		\$400,000					
w23	3503WS Street Reconstruction - Jane St. (Murray to Timmins) - <b>Also see Roads</b>	1,400,000	n/a					\$700,000	\$700,000					
w24	3504WS Street Reconstruction - Prince Edward Dr. & Georgian Cres. - <b>Also see Roads</b>	500,000	n/a					\$500,000						
w25	3510SS Sanitary Sewer - Ski-Hill Trunk Sewer Extension	2,300,000	n/a					\$2,300,000						
w26	3511WS Golf Club Road - Sanitary & Watermain Trunks to Collins Drive Industrial Area	10,000,000	n/a					\$2,000,000	\$2,600,000	\$1,400,000		\$4,000,000		
w27	3512WS Watermain Looping - Ferris Trunk Watermain - Memorial Drive & Lee Park	2,700,000	n/a					\$200,000			\$2,500,000			
w28	3513SS Sanitary Sewer - Septage Receiving and Treatment Station	6,000,000	n/a					\$6,000,000						
w29	3601WS Street Reconstruction - Ann St (Lansdowne to Cedar) - <b>Also see Roads</b>	1,500,000	n/a						\$200,000	\$650,000	\$650,000			
w30	3604SS Sanitary Sewer - WWTP Facility Condition Assessment & Expansion	30,000,000	n/a						\$1,000,000	\$1,000,000	\$14,000,000	\$14,000,000		
w31	3605WS Watermain Looping -Ellendale Reservoir Second Feed	5,000,000	n/a						\$5,000,000					
w32	3700WS Seymour St Widening & Signals(Station Road to Wallace) PHASR II - <b>Also see Roads</b>	1,600,000	n/a							\$1,600,000				
w33	3701WS Street Reconstruction - Norman / Chapais Connection Watermain Looping - <b>Also see Roads</b>	2,000,000	n/a							\$1,000,000	\$1,000,000			
w34	3703SS Sewage Plant Land Purchases	660,000	n/a							\$660,000				
w35	3704WS Street Reconstruction - Lakeshore Dr (Judge to Gertrude) - <b>Also see Roads</b>	3,000,000	n/a							\$3,000,000				



**CITY OF NORTH BAY**

**Recommended Water and Sewer Capital Budget for 2011 and Capital Forecast for 2012to 2020**

Ln		Project Description	Project Cost	Pre- 2011	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 +
W36	3800WS	Street Reconstruction - Cassells St - King St. to Highway 11/17 - <b>Also see Roads</b>	2,000,000	n/a								\$2,000,000			
W37	3802WS	Traffic Signals / Intersection Improvements (Mulligan/Lakeshore) - <b>Also see Roads</b>	400,000	n/a								\$0	\$400,000		
W38	3901WS	Street Reconstruction - Clarence Street - <b>Also see Roads</b>	500,000	n/a									\$500,000		
W39	4001SS	Sanitary Sewer - Sewage Treatment Plant Rehab	11,400,000	n/a										\$11,400,000	
W40	6000WS	Design Work - Next Year's Projects ( <b>On-going</b> ) - <b>Also see Roads</b>	1,175,000	n/a	\$103,000	\$106,000	\$109,000	\$112,000	\$115,000	\$118,000	\$122,000	\$126,000	\$130,000	\$134,000	3% per YR
W41	6001WS	City Share of New Development Costs( <b>On-going</b> and increasing) - <b>Also see Roads</b>	2,100,000	n/a	\$120,000	\$140,000	\$160,000	\$180,000	\$200,000	\$220,000	\$240,000	\$260,000	\$280,000	\$300,000	20K per YR
W42	6002WS	Public Works Vehicle & Equipment Replacement Program ( <b>On-going</b> ) - <b>Also see Roads</b>	7,000,000	n/a	\$800,000	\$800,000	\$800,000	\$600,000	\$618,000	\$637,000	\$656,000	\$676,000	\$696,000	\$717,000	3% per YR
W43	6003WS	Asphalt Resurfacing - Water & Sanitary Repairs Allowance ( <b>On-going</b> ) - <b>Also see Roads</b>	2,361,000	n/a	\$206,000	\$212,000	\$218,000	\$225,000	\$232,000	\$239,000	\$246,000	\$253,000	\$261,000	\$269,000	3% per YR
W44	6005WS	Residential Street Rehab ( <b>On-going</b> ) - <b>Also see Roads</b>	2,958,000	n/a	\$258,000	\$266,000	\$274,000	\$282,000	\$290,000	\$299,000	\$308,000	\$317,000	\$327,000	\$337,000	3% per YR
W45	6035WS	Systems Technology Program ( <b>On-going</b> ) - <b>Also see Corporate Services</b>	1,066,000	n/a	\$93,000	\$96,000	\$99,000	\$102,000	\$105,000	\$108,000	\$111,000	\$114,000	\$117,000	\$121,000	3% per YR
W46	6040SS	Digester Cleaning and Grit Removal ( <b>On-going</b> )	875,000	n/a	\$77,000	\$79,000	\$81,000	\$83,000	\$85,000	\$88,000	\$91,000	\$94,000	\$97,000	\$100,000	3% per YR
W47	6041SS	Sewage Plant & Pump Station Improvement Program ( <b>On-going</b> )	3,542,000	n/a	\$309,000	\$318,000	\$328,000	\$338,000	\$348,000	\$358,000	\$369,000	\$380,000	\$391,000	\$403,000	3% per YR
W48	6042WS	Hydrant & Water Valve Rehab Program ( <b>On-going</b> )	1,781,000	n/a	\$155,000	\$160,000	\$165,000	\$170,000	\$175,000	\$180,000	\$185,000	\$191,000	\$197,000	\$203,000	3% per YR
W49	6043WS	Sewer and Water Reconstruction ( <b>On-going</b> )	1,175,000	n/a	\$103,000	\$106,000	\$109,000	\$112,000	\$115,000	\$118,000	\$122,000	\$126,000	\$130,000	\$134,000	3% per YR
W50	6044WS	Unidirectional Flushing of City Watermains ( <b>On-going</b> )	2,361,000	n/a	\$206,000	\$212,000	\$218,000	\$225,000	\$232,000	\$239,000	\$246,000	\$253,000	\$261,000	\$269,000	3% per YR
W51	6045WS	Water Treatment Plant & Facilities Maintenance Program ( <b>On-going</b> )	2,958,000	n/a	\$258,000	\$266,000	\$274,000	\$282,000	\$290,000	\$299,000	\$308,000	\$317,000	\$327,000	\$337,000	3% per YR
W52	6046WS	Watermain (100mm) Replacement, Reaming or Relining Program ( <b>On-going</b> )	1,781,000	n/a	\$155,000	\$160,000	\$165,000	\$170,000	\$175,000	\$180,000	\$185,000	\$191,000	\$197,000	\$203,000	3% per YR
W53	6047WS	Watermain Looping - Automatic Flow Program ( <b>On-going</b> )	1,175,000	n/a	\$103,000	\$106,000	\$109,000	\$112,000	\$115,000	\$118,000	\$122,000	\$126,000	\$130,000	\$134,000	3% per YR
<b>Total Water &amp; Sewer</b>			<b>\$171,918,000</b>	<b>\$4,200,000</b>	<b>\$14,646,000</b>	<b>\$13,577,000</b>	<b>\$13,809,000</b>	<b>\$17,143,000</b>	<b>\$16,745,000</b>	<b>\$13,551,000</b>	<b>\$14,571,000</b>	<b>\$24,024,000</b>	<b>\$24,391,000</b>	<b>\$15,061,000</b>	

**OTHER SOURCES OF FUNDING (Grants, Developer's Contributions, Etc...)**

2803WS	NOHFC / FedNor / Univ. / College/Developers / Dev. Charges - Cedar Heights Standpipe (75%)	-13,500,000		(\$4,500,000)	(\$2,250,000)	(\$2,250,000)	(\$4,500,000)								
3304SS	Contributions- Sanitary Sewer to Pinewood Pk Dr. - 50%	-1,250,000					(\$1,250,000)								
3513SS	Provincial/Federal Funding at 2/3- Septage Receiving and Treatment Station	-4,000,000							(\$4,000,000)						
3604SS	Provincial/Federal Funding at 2/3- WWTP Facility Expansion	-20,000,000								(\$666,667)	(\$666,667)	(\$9,333,333)	(\$9,333,333)		
<b>Total</b>			<b>(\$38,750,000)</b>	<b>\$0</b>	<b>(\$4,500,000)</b>	<b>(\$2,250,000)</b>	<b>(\$2,250,000)</b>	<b>(\$5,750,000)</b>	<b>(\$4,000,000)</b>	<b>(\$666,667)</b>	<b>(\$666,667)</b>	<b>(\$9,333,333)</b>	<b>(\$9,333,333)</b>	<b>\$0</b>	<b>\$0</b>

Capital Budget	<b>\$14,646,000</b>	<b>\$13,577,000</b>	<b>\$13,809,000</b>	<b>\$17,143,000</b>	<b>\$16,745,000</b>	<b>\$13,551,000</b>	<b>\$14,571,000</b>	<b>\$24,024,000</b>	<b>\$24,391,000</b>	<b>\$15,061,000</b>	<b>\$0</b>
\$167,518,000 Other Funding Sources	<b>(\$4,500,000)</b>	<b>(\$2,250,000)</b>	<b>(\$2,250,000)</b>	<b>(\$5,750,000)</b>	<b>(\$4,000,000)</b>	<b>(\$666,667)</b>	<b>(\$666,667)</b>	<b>(\$9,333,333)</b>	<b>(\$9,333,333)</b>	<b>\$0</b>	<b>\$0</b>
<b>NET CONSTRUCTION/ACQUISITION TOTAL</b>	<b>\$10,146,000</b>	<b>\$11,327,000</b>	<b>\$11,559,000</b>	<b>\$11,393,000</b>	<b>\$12,745,000</b>	<b>\$12,884,333</b>	<b>\$13,904,333</b>	<b>\$14,690,667</b>	<b>\$15,057,667</b>	<b>\$15,061,000</b>	
Water&Sanitary Levy in Operating Budget	<b>(\$7,638,000)</b>	<b>(\$7,979,000)</b>	<b>(\$8,297,000)</b>	<b>(\$8,651,000)</b>	<b>(\$9,043,000)</b>	<b>(\$9,478,000)</b>	<b>(\$9,957,000)</b>	<b>(\$10,484,000)</b>	<b>(\$11,261,000)</b>	<b>(\$12,084,000)</b>	Projected
Debenture/Long-Term Debt	<b>(\$2,500,000)</b>	<b>(\$3,000,000)</b>	<b>(\$3,000,000)</b>	<b>(\$3,000,000)</b>	<b>(\$3,000,000)</b>	<b>(\$3,000,000)</b>	<b>(\$3,000,000)</b>	<b>(\$3,000,000)</b>	<b>(\$3,000,000)</b>	<b>(\$3,000,000)</b>	
Development Charges	<b>(\$300,000)</b>	<b>(\$400,000)</b>	<b>(\$412,000)</b>	<b>(\$424,000)</b>	<b>(\$437,000)</b>	<b>(\$450,000)</b>	<b>(\$464,000)</b>	<b>(\$478,000)</b>	<b>(\$492,000)</b>	<b>(\$507,000)</b>	3% per YR
<b>TARGET POLICY FOR EXPENDITURES</b>	<b>(\$10,438,000)</b>	<b>(\$11,379,000)</b>	<b>(\$11,709,000)</b>	<b>(\$12,075,000)</b>	<b>(\$12,480,000)</b>	<b>(\$12,928,000)</b>	<b>(\$13,421,000)</b>	<b>(\$13,962,000)</b>	<b>(\$14,753,000)</b>	<b>(\$15,591,000)</b>	
<b>(AVAILABLE \$) FUNDING NEEDED</b>	<b>(\$292,000)</b>	<b>(\$52,000)</b>	<b>(\$150,000)</b>	<b>(\$682,000)</b>	<b>\$265,000</b>	<b>(\$43,667)</b>	<b>\$483,333</b>	<b>\$728,667</b>	<b>\$304,667</b>	<b>(\$530,000)</b>	