

# AGENDA

## Greenwood City Council Meeting

Wednesday, April 4, 2012  
20225 Cottagewood Road, Deephaven, MN 55331



### Worksession

*In accordance with open meeting laws, the council worksession is open to the public for viewing, but there will be no opportunity for public participation.*

- 6:00 PM 1. CALL TO ORDER ~ ROLL CALL ~ APPROVE AGENDA
- 6:00 PM 2. PRE-BOARD WORKSESSION WITH ASSESSORS
- 6:55 PM 3. ADJOURNMENT

### Regular Meeting

*Welcome! The public is invited to address the council regarding any item on the regular meeting agenda. If your topic is not on the agenda, you may speak during Matters from the Floor. Agenda times are approximate. Please turn off cell phones and pagers. Thank you!*

- 7:00 PM 1. CALL TO ORDER ~ ROLL CALL ~ APPROVE AGENDA
- 7:00 PM 2. CONSENT AGENDA  
*Council members may remove consent agenda items for discussion. Removed items will be put under Other Business.*
  - A. Approve: 03-07-12 City Council Minutes
  - B. Approve: 03-07-12 City Council Worksession Minutes
  - C. Approve: February Cash Summary Report
  - D. Approve: March Verifields, Check Register, Electronic Fund Transfers
  - E. Approve: April Payroll Register
- 7:05 PM 3. MATTERS FROM THE FLOOR  
*This is an opportunity for the public to address the council regarding matters not on the agenda. The council will not engage in discussion or take action on items presented at this time. However, the council may ask for clarification and may include items on a future agenda. Comments are limited to three minutes.*
- 7:10 PM 4. ANNOUNCEMENTS, PRESENTATIONS, AND GUESTS
  - A. City Tree Inspector Manuel Jordán: City's Policy Regarding Tree Diseases & Insect Threats
  - B. City Engineer Dave Martini and Greenwood Resident "Expert" Bill Cook:
    - Inflow & Infiltration Project
    - Potential Sump Pump Program
  - C. Dick Osgood, Lake Minnetonka Association: Aquatic Invasive Species
  - D. Announcement: St. Alban's Bay Bridge Worksession with Excelsior Council, 7 PM, 4/10
  - E. Announcement: Local Board of Appeal & Equalization Meeting Dates, 6 PM, 4/12 and 4/26
- 8:30 PM 5. PUBLIC HEARINGS
  - A. None
- 8:30 PM 6. UNFINISHED BUSINESS
  - A. Consider: Resolution 04-12, Hennepin County Recycling Program
- 8:35 PM 7. NEW BUSINESS
  - A. Consider: Resolution 06-12, Update of 2012 Appointments and Assignments
  - B. 1st Reading: Ordinance 209, Amending Code Section 1140.85, Subd. 2(4), Diseased Trees
  - C. Discuss: Potential Letter of Support for Inflow & Infiltration Project Grants
  - D. Discuss: Auditor Services for 2013-2015
  - E. Discuss: Potential Extension of City Docks (due to shallow water)
  - F. Discuss: Potential Excelsior Blvd. Water Project
- 9:00 PM 8. OTHER BUSINESS
  - A. None
- 9:00 PM 9. COUNCIL REPORTS
  - A. Fletcher: Planning Commission, Lake Minnetonka Communications Commission, Xcel LRT Tree Project
  - B. Kind: Police, Administration, Mayor Meetings, Website
  - C. Page: Lake Minnetonka Conservation District
  - D. Quam: Roads & Sewer, Minnetonka Community Education
  - E. Rose: Excelsior Fire District
- 9:15 PM 10. ADJOURNMENT



## Worksession

Agenda Date: 04-04-12

**Agenda Item:** Pre-Board Worksession with Assessors

**Summary:** Hennepin County Assessors Melissa Potter and Rob Winge will attend the worksession to discuss assessment valuations and answer questions prior to the Local Board meeting on Thursday, 04-12-12 at 6 PM. For the council's reference attached are several documents provided by the assessor.

**Council Action:** No council action may be taken at worksessions.

# 2012 ASSESSMENT GROWTH

## RESIDENTIAL PROPERTIES

	OFF LAKE
<b>MOUND</b>	-16.5%
<b>SPRING PARK</b>	-13.1%
<b>WAYZATA</b>	-9.5%
<b>MINNETRISTA</b>	-6.9%
<b>ORONO</b>	-6.8%
<b>EXCELSIOR</b>	-5.4%
<b>DEEPHAVEN</b>	-5.3%
<b>WOODLAND</b>	-5.2%
<b>MINNETONKA BEACH</b>	-4.2%
<b>MINNETONKA</b>	-3.8%
<b>TONKA BAY</b>	-3.4%
<b>SHOREWOOD</b>	-3.3%
<b>GREENWOOD</b>	-3.2%
	LAKE SHORE
<b>SPRING PARK</b>	-12.7%
<b>WAYZATA</b>	-11.8%
<b>MINNETONKA BEACH</b>	-9.9%
<b>ORONO</b>	-8.6%
<b>TONKA BAY</b>	-7.0%
<b>WOODLAND</b>	-6.7%
<b>SHOREWOOD</b>	-6.5%
<b>MINNETRISTA</b>	-6.3%
<b>MINNETONKA</b>	-4.6%
<b>DEEPHAVEN</b>	-4.3%
<b>MOUND</b>	-3.3%
<b>GREENWOOD</b>	-2.9%
<b>EXCELSIOR</b>	-2.0%



PID	Owner	HouseNo	Street	PT2012	LAND2012	BLDG2012	EMV2012	IMP2012	PT2011	LAND2011	BLDG2011	EMV2011	CHANGE	CHG LAND	CHG LAND Street/AVG	CHG BLDG	CHG BLDG Street/AVG	CHG TOTAL	CHG TOTAL Street/AVG
2611723310053	VALERIE NEWMAN & ERIC BISHOP	21760	FAIRVIEW ST	R	168,000	187,000	355,000	0	R	188,000	192,000	380,000	0.93	-10.64%		-2.60%		-6.58%	
2611723310052	PETER R & ELIZABETH JOHNSON	21770	FAIRVIEW ST	R	179,000	220,000	399,000	0	R	200,000	227,000	427,000	0.93	-10.50%		-3.08%		-6.56%	
2611723310023	M J GALLAGHER & J GALLAGHER	21775	FAIRVIEW ST	R	146,000	315,000	461,000	0	R	163,000	325,000	488,000	0.94	-10.43%		-3.08%		-5.53%	
2611723310025	SEAN CONRAD	21780	FAIRVIEW ST	R	179,000	365,000	544,000	0	R	200,000	368,000	568,000	0.96	-10.50%		-0.82%		-4.23%	
2611723310002	DAVID C RUBENSTEIN	21885	FAIRVIEW ST	R	101,000	227,000	328,000	0	R	113,000	235,000	348,000	0.94	-10.62%		-3.40%		-5.75%	
2611723310048	S R & J A PETERSON	21895	FAIRVIEW ST	R	168,000	142,000	310,000	0	R	188,000	154,000	342,000	0.91	-10.64%		-7.79%		-9.36%	
2611723310047	MARILYN G THACKER	21915	FAIRVIEW ST	R	179,000	48,000	227,000	0	R	200,000	51,000	251,000	0.90	-10.50%	-10.55%	-5.88%	-3.81%	-9.56%	-6.79%
2611723420073	A P HARNELL & K L HARNELL	5030	GREENWOOD CIR	R	105,000	214,000	319,000	0	R	105,000	220,000	325,000	0.98	0.00%		-2.73%		-1.85%	
2611723420074	B G WRIGHT/W D WRIGHT	5040	GREENWOOD CIR	R	120,000	227,000	347,000	0	R	120,000	230,000	350,000	0.99	0.00%		-1.30%		-0.86%	
2611723420075	S D ROGERS & J A ROGERS	5050	GREENWOOD CIR	R	113,000	165,000	278,000	0	R	113,000	170,000	283,000	0.98	0.00%		-2.94%		-1.77%	
2611723420008	RICHARD C TIMM	5060	GREENWOOD CIR	R	105,000	86,000	191,000	0	R	105,000	96,000	201,000	0.95	0.00%		-10.42%		-4.98%	
2611723420009	B W & D A MALO	5070	GREENWOOD CIR	R	120,000	185,000	305,000	0	R	120,000	196,000	316,000	0.97	0.00%		-5.61%		-3.48%	
2611723420010	C A THISS & C A THISS	5090	GREENWOOD CIR	R	128,000	244,000	372,000	0	R	128,000	246,000	374,000	0.99	0.00%		-0.81%		-0.53%	
2611723420011	K J KOLLODGE & S M KOLLODGE	5100	GREENWOOD CIR	R	120,000	56,000	176,000	0	R	120,000	61,000	181,000	0.97	0.00%		-8.20%		-2.76%	
2611723420082	BROOKS D MYHRAN TRUSTEE	5130	GREENWOOD CIR	R	270,000	553,000	823,000	0	R	270,000	559,000	829,000	0.99	0.00%		-1.07%		-0.72%	
2611723420081	CHEVY CHASE BANK	5140	GREENWOOD CIR	R	270,000	390,000	660,000	0	R	270,000	393,000	663,000	1.00	0.00%		-0.76%		-0.45%	
2611723420029	IM LINDBERG & A LINDBERG	5160	GREENWOOD CIR	R	270,000	451,000	721,000	0	R	270,000	455,000	725,000	0.99	0.00%		-0.88%		-0.55%	
2611723420030	DAVID L KICKHAFFER	5170	GREENWOOD CIR	R	150,000	186,000	336,000	0	R	150,000	188,000	338,000	0.99	0.00%		-1.06%		-0.59%	
2611723420031	P LUCKING & E BRAGG	5180	GREENWOOD CIR	R	188,000	256,000	444,000	0	R	188,000	258,000	446,000	1.00	0.00%		-0.78%		-0.45%	
2611723420032	REBECCA J ROBINSON	5190	GREENWOOD CIR	R	128,000	110,000	238,000	0	R	128,000	123,000	251,000	0.95	0.00%		-10.57%		-5.18%	
2611723420054	ANDREW ALTHAUSER	5200	GREENWOOD CIR	R	120,000	145,000	265,000	0	R	120,000	161,000	281,000	0.94	0.00%	0.00%	-9.94%	-4.08%	-5.69%	-2.13%
2611723420024	DOUBLE JK FARMS LLC	5040	HIGHVIEW PL	R	135,000	50,000	185,000	0	R	135,000	50,000	185,000	1.00	0.00%		0.00%		0.00%	
2611723420025	HIGHVIEW R E HOLDINGS LLC	5050	HIGHVIEW PL	R	165,000	83,000	248,000	0	R	165,000	92,000	257,000	0.96	0.00%		-9.78%		-3.50%	
2611723420083	CHRISTOPHER BLANCHARD	5055	HIGHVIEW PL	R	225,000	448,000	673,000	0	R	225,000	451,000	676,000	1.00	0.00%		-0.44%		-0.44%	
2611723420072	AMERICANA COMMUNITY BANK	5070	HIGHVIEW PL	R	413,000	910,000	1,323,000	0	R	413,000	917,000	1,330,000	0.99	0.00%		-0.76%		-0.53%	
2611723420084	C J FIELD & B ABDUL-RASOOL	5075	HIGHVIEW PL	R	240,000	431,000	671,000	0	R	240,000	434,000	674,000	1.00	0.00%		-0.69%		-0.45%	
2611723420080	T P NORMAN & M A HOGAN	5095	HIGHVIEW PL	R	270,000	405,000	675,000	0	R	270,000	408,000	678,000	1.00	0.00%	0.00%	-0.74%	-2.11%	-0.44%	-0.89%
2611723420046	IM E SPIERS & S E SPIERS	5045	KINGS CT	R	195,000	241,000	436,000	0	R	195,000	242,000	437,000	1.00	0.00%		-0.41%		-0.23%	
2611723420048	H K PAGE JR & B J PAGE	5055	KINGS CT	R	188,000	154,000	342,000	0	R	188,000	159,000	347,000	0.99	0.00%	0.00%	-3.14%	-1.78%	-1.44%	-0.83%
2611723120016	S E RUSING & K L B RUSING	4725	LODGE LA	R	231,000	309,000	540,000	0	R	252,000	311,000	563,000	0.96	-8.33%		-0.64%		-4.09%	
2611723120012	L F POLK III & K L POLK	4740	LODGE LA	R	308,000	615,000	923,000	0	R	336,000	619,000	955,000	0.97	-8.33%		-0.65%		-3.35%	
2611723120017	G M GETCHELL & J K GETCHELL	4755	LODGE LA	R	257,000	363,000	620,000	0	R	280,000	365,000	645,000	0.96	-8.21%		-0.55%		-3.88%	
2611723120013	T L GREINER & J P GREINER	4760	LODGE LA	R	308,000	566,000	874,000	0	R	336,000	569,000	905,000	0.97	-8.33%		-0.53%		-3.43%	
2611723120014	B S MARK & S E MARK	4780	LODGE LA	R	308,000	678,000	986,000	0	R	336,000	683,000	1,019,000	0.97	-8.33%		-0.73%		-3.24%	
2611723120015	DAWN MARIE LEUCYER FELT	4800	LODGE LA	R	308,000	1,039,000	1,347,000	0	R	336,000	1,046,000	1,382,000	0.97	-8.33%		-0.67%		-2.53%	
2611723130055	RICHARD E GOLDEN	4820	LODGE LA	R	257,000	458,000	715,000	0	R	280,000	461,000	741,000	0.96	-8.21%		-0.65%		-3.51%	
2611723130069	J R HALL & J K HALL	4825	LODGE LA	R	257,000	389,000	646,000	0	R	280,000	392,000	672,000	0.96	-8.21%		-0.77%		-3.87%	
2611723130056	D L PEARSON & A H PEARSON	4840	LODGE LA	R	257,000	359,000	616,000	0	R	280,000	360,000	640,000	0.96	-8.21%		-0.28%		-3.75%	
2611723130070	IM J THORSEN & C A THORSEN TR	4855	LODGE LA	R	257,000	369,000	626,000	0	R	280,000	371,000	651,000	0.96	-8.21%		-0.54%		-3.84%	
2611723130057	N C OLSON JR & S A OLSON	4860	LODGE LA	R	257,000	610,000	867,000	0	R	280,000	614,000	894,000	0.97	-8.21%		-0.65%		-3.02%	
2611723130064	PAUL E FORST/JENIFER L FORST	4880	LODGE LA	R	257,000	513,000	770,000	0	R	280,000	516,000	796,000	0.97	-8.21%		-0.58%		-3.27%	
2611723130071	W O MCGOWAN & P A MCGOWAN	4895	LODGE LA	R	257,000	398,000	655,000	0	R	280,000	401,000	681,000	0.96	-8.21%		-0.75%		-3.82%	
2611723130063	LAURI A ROBERTS	4900	LODGE LA	R	257,000	364,000	621,000	0	R	280,000	366,000	646,000	0.96	-8.21%		-0.55%		-3.87%	
2611723130065	G M BROWN & M A PYZDROWSKI	4920	LODGE LA	R	231,000	321,000	552,000	0	R	252,000	323,000	575,000	0.96	-8.33%		-0.62%		-4.00%	
2611723130072	ANDREW B EICHELMAN ET AL	4925	LODGE LA	R	218,000	537,000	755,000	0	R	238,000	540,000	778,000	0.97	-8.40%	-8.27%	-0.56%	-0.61%	-2.96%	-3.53%
2611723120018	SCOTT S & SUSAN J JOHNSON	4757	LYMAN CT	R	231,000	354,000	585,000	0	R	252,000	356,000	608,000	0.96	-8.33%		-0.56%		-3.78%	
2611723130068	S R SWANSON & C B SWANSON	4758	LYMAN CT	R	257,000	429,000	686,000	0	R	280,000	432,000	712,000	0.96	-8.21%		-0.69%		-3.65%	
2611723130066	J BRANDEL & E DEVNEY-BRANDEL	4763	LYMAN CT	R	231,000	355,000	586,000	0	R	252,000	353,000	605,000	0.97	-8.33%		0.57%		-3.14%	
2611723130067	S J & D J CRUM TRUSTEES	4777	LYMAN CT	R	231,000	390,000	621,000	0	R	252,000	393,000	645,000	0.96	-8.33%	-8.30%	-0.76%	-0.36%	-3.72%	-3.57%
2611723410052	MICHAEL T HOPFENSPIRGER ETAL	5100	MANOR RD	R	238,000	458,000	696,000	0	R	238,000	462,000	700,000	0.99	0.00%		-0.87%		-0.57%	
3511723110017	CYNTHIA L LEHMAN	5410	MANOR RD	R	95,000	98,000	193,000	0	R	95,000	105,000	200,000	0.97	0.00%	0.00%	-6.67%	-3.77%	-3.50%	-2.04%
2611723440045	DONNA & MARK KNIGHT	5435	MAPLE HEIGHTS RD	R	116,000	78,000	194,000	0	R	116,000	85,000	201,000	0.97	0.00%		-8.24%		-3.48%	
2611723440009	MICHAEL DINNDORF	5475	MAPLE HEIGHTS RD	R	116,000	104,000	220,000	0	R	116,000	112,000	228,000	0.96	0.00%		-7.14%		-3.51%	
3511723110095	NICHOLAS T WALKER	5525	MAPLE HEIGHTS RD	R	110,000	112,000	222,000	0	R	110,000	119,000	229,000	0.97	0.00%		-5.88%		-3.06%	
3511723110036	R A SCHNEIDER/G M SCHNEIDER	5590	MAPLE HEIGHTS RD	R	105,000	121,000	226,000	0	R	105,000	129,000	234,000	0.97	0.00%	0.00%	-6.20%	-6.87%	-3.42%	-3.37%
2611723310003	DANA R & ELLEN S NELSON TRST	5025	MEADVILLE ST	R	196,000	267,000	463,000	0	R	219,000	269,000	488,000	0.95	-10.50%		-0.74%		-5.12%	
2611723310051	KATHLYN A HEIDEL	5085	MEADVILLE ST	R	129,000	30,000	159,000	0	R	144,000	35,000	179,000	0.89	-10.42%		-14.29%		-11.17%	
2611723310036	DONALD D STOLZ	5095	MEADVILLE ST	R	196,000	35,000	231,000	0	R	219,000	41,000	260,000	0.89	-10.50%		-14.63%		-11.15%	
2611723320019	JAMES M WOLFE TRUSTEE	5115	MEADVILLE ST	R	224,000	413,000	637,000	0	R	250,000	416,000	666,000	0.96	-10.40%		-0.72%		-4.35%	
2611723320007	J R EKELUND & J L EKELUND	5135	MEADVILLE ST	R	224,000	390,000	614,000	0	R	250,000	393,000	643,000	0.95	-10.40%		-0.76%		-4.51%	
2611723320018	PATRICIA A LOFTUS	5165	MEADVILLE ST	R	112,000	126,000	238,000	0	R	125,000	146,000	271,000	0.88	-10.40%	-10.44%	-13.70%	-7.47%	-12.18%	-8.08%
2611723130017	T A QUINN & R J QUINN JR	21200	MINNETONKA BLVD	R	189,000	32,000	221,000	0	R	189,000	35,000	224,000	0.99	0.00%		-8.57%		-1.34%	
2611723130018	BRITTA R LARSON	21220	MINNETONKA BLVD	R</															

PID	Owner	HouseNo	Street	PT2012	LAND2012	BLDG2012	EMV2012	IMP2012	PT2011	LAND2011	BLDG2011	EMV2011	CHANGE	CHG LAND	CHG LAND Street/AVG	CHG BLDG	CHG BLDG Street/AVG	CHG TOTAL	CHG TOTAL Street/AVG
2611723130048	M L LUND & T S PETERSON	21310	MINNETONKA BLVD	R	135,000	88,000	223,000	0	R	135,000	97,000	232,000	0.96	0.00%		-9.28%		-3.88%	
2611723420006	FRED J PARDUHN	21355	MINNETONKA BLVD	R	120,000	75,000	195,000	0	R	120,000	83,000	203,000	0.96	0.00%		-9.64%		-3.94%	
2611723130045	K J HANNIGAN & C M HANNIGAN	21380	MINNETONKA BLVD	R	135,000	192,000	327,000	0	R	135,000	197,000	332,000	0.98	0.00%		-2.54%		-1.51%	
2611723420020	MARK A WESTON	21493	MINNETONKA BLVD	R	90,000	128,000	218,000	0	R	90,000	139,000	229,000	0.95	0.00%		-7.91%		-4.80%	
2611723420004	VALDIS MUCENIEKS ETAL	21555	MINNETONKA BLVD	R	195,000	169,000	364,000	0	R	195,000	175,000	370,000	0.98	0.00%		-3.43%		-1.62%	
2611723310049	DUANE E KELM	21595	MINNETONKA BLVD	R	165,000	123,000	288,000	0	R	165,000	136,000	301,000	0.96	0.00%		-9.56%		-4.32%	
2611723310039	JOHN R MC KEE	21620	MINNETONKA BLVD	R	142,000	159,000	301,000	0	R	142,000	169,000	311,000	0.97	0.00%		-5.92%		-3.22%	
2611723310020	L M BECHTELL & E G NICKELS	21685	MINNETONKA BLVD	R	150,000	120,000	270,000	0	R	150,000	128,000	278,000	0.97	0.00%	0.00%	-6.25%	-7.05%	-2.88%	-3.20%
2611723130051	PASCALE KLEVEN	21520	PINEVIEW CT	R	162,000	132,000	294,000	0	R	162,000	142,000	304,000	0.97	0.00%		-7.04%		-3.29%	
2611723130079	J S DOTY & A A JAMAR-DOTY	21540	PINEVIEW CT	R	142,000	170,000	312,000	0	R	142,000	181,000	323,000	0.97	0.00%		-6.08%		-3.41%	
2611723130030	ROBERT C SCHMITT JR	21560	PINEVIEW CT	R	155,000	171,000	326,000	0	R	155,000	181,000	336,000	0.97	0.00%		-5.52%		-2.98%	
2611723310041	K S & M L ANDERSON	21580	PINEVIEW CT	R	155,000	146,000	301,000	0	R	155,000	161,000	316,000	0.95	0.00%		-9.32%		-4.75%	
2611723310040	P H ROBERTS & P J ROBERTS	21600	PINEVIEW CT	R	149,000	155,000	304,000	0	R	149,000	170,000	319,000	0.95	0.00%	0.00%	-8.82%	-7.36%	-4.70%	-3.82%
2611723130035	PATRICK LENIHAN MCCARTHY	4900	SLEEPY HOLLOW RD	R	182,000	227,000	409,000	0	R	182,000	233,000	415,000	0.99	0.00%		-2.58%		-1.45%	
2611723130040	D R HILL & C H HILL	4925	SLEEPY HOLLOW RD	R	209,000	283,000	492,000	0	R	209,000	285,000	494,000	1.00	0.00%		-0.70%		-0.40%	
2611723130013	H & L WUDLICK	4930	SLEEPY HOLLOW RD	R	216,000	21,000	237,000	0	R	216,000	23,000	239,000	0.99	0.00%		-8.70%		-0.84%	
2611723130041	P & B GRIFFIN	4935	SLEEPY HOLLOW RD	R	203,000	177,000	380,000	0	R	203,000	184,000	387,000	0.98	0.00%		-3.80%		-1.81%	
2611723130042	K L & L M PARSONS	4945	SLEEPY HOLLOW RD	R	196,000	297,000	493,000	0	R	196,000	299,000	495,000	1.00	0.00%		-0.67%		-0.40%	
2611723130052	BRIAN H BURDICK	4950	SLEEPY HOLLOW RD	R	203,000	392,000	595,000	0	R	203,000	395,000	598,000	0.99	0.00%		-0.76%		-0.50%	
2611723130036	J R & R E DAHL	4960	SLEEPY HOLLOW RD	R	209,000	260,000	469,000	0	R	209,000	261,000	470,000	1.00	0.00%		-0.38%		-0.21%	
2611723130028	CAROLYN JANE DINSMORE	4965	SLEEPY HOLLOW RD	R	162,000	83,000	245,000	0	R	162,000	91,000	253,000	0.97	0.00%		-8.79%		-3.16%	
2611723130037	K K RILEY & K THACKER	4970	SLEEPY HOLLOW RD	R	216,000	161,000	377,000	0	R	216,000	176,000	392,000	0.96	0.00%		-8.52%		-3.83%	
2611723130054	J A CONZEMIUS D N CONZEMIUS	4975	SLEEPY HOLLOW RD	R	162,000	348,000	510,000	0	R	162,000	351,000	513,000	0.99	0.00%		-0.85%		-0.58%	
2611723130038	BARBARA J DUNLAY	4980	SLEEPY HOLLOW RD	R	216,000	214,000	430,000	0	R	216,000	215,000	431,000	1.00	0.00%		-0.47%		-0.23%	
2611723130039	W & C LYNCH	4990	SLEEPY HOLLOW RD	R	196,000	295,000	491,000	0	R	196,000	297,000	493,000	1.00	0.00%	0.00%	-0.67%	-3.07%	-0.41%	-1.15%
2611723410041	K D SJOBERG & S A SJOBERG	4960	ST ALBANS BAY RD	R	158,000	197,000	355,000	0	R	158,000	204,000	362,000	0.98	0.00%		-3.43%		-1.93%	
2611723410042	T & S J REISNER	4970	ST ALBANS BAY RD	R	165,000	252,000	417,000	0	R	165,000	254,000	419,000	1.00	0.00%		-0.79%		-0.48%	
2611723410051	S J RUELLE & L M RUELLE	5192	ST ALBANS BAY RD	R	374,000	556,000	930,000	0	R	374,000	582,000	956,000	0.97	0.00%	0.00%	-4.47%	-2.90%	-2.72%	-1.71%
2611723410044	C B TEETER & S M TEETER	5110	WEEKS RD	R	203,000	250,000	453,000	0	R	203,000	261,000	464,000	0.98	0.00%		-4.21%		-2.37%	
2611723410043	J J RUDBERG & A A C RUDBERG	5120	WEEKS RD	R	173,000	254,000	427,000	0	R	173,000	256,000	429,000	1.00	0.00%	0.00%	-0.78%	-2.50%	-0.47%	-1.42%
2611723310019	MATIN T WEBER	5105	WEST ST	R	113,000	110,000	223,000	0	R	113,000	122,000	235,000	0.95	0.00%		-9.84%		-5.11%	
2611723310015	BETH A GAVREN	5115	WEST ST	R	120,000	123,000	243,000	0	R	120,000	137,000	257,000	0.95	0.00%	0.00%	-10.22%	-10.03%	-5.45%	-5.28%
2611723130058	CORY J SUPER/ALISSA H SUPER	4870	WOODS CT	R	257,000	484,000	741,000	0	R	280,000	487,000	767,000	0.97	-8.21%		-0.62%		-3.39%	
2611723130059	DONALD A DALE/CHERYL D DALE	4890	WOODS CT	R	257,000	755,000	1,012,000	0	R	280,000	760,000	1,040,000	0.97	-8.21%		-0.66%		-2.69%	
2611723130060	J G RAUTH & K A RAUTH	4910	WOODS CT	R	257,000	383,000	640,000	0	R	280,000	386,000	666,000	0.96	-8.21%		-0.78%		-3.90%	
2611723130061	DIANE E SHELGRN	4920	WOODS CT	R	257,000	408,000	665,000	0	R	280,000	410,000	690,000	0.96	-8.21%		-0.49%		-3.62%	
2611723130062	ROBERT J BOHNENKAMP TRUSTEE	4925	WOODS CT	R	257,000	392,000	649,000	0	R	280,000	394,000	674,000	0.96	-8.21%	-8.21%	-0.51%	-0.61%	-3.71%	-3.46%
						<b>MEDIAN (middle)</b>	372,000					<b>MEDIAN (middle)</b>	0.00%			-2.94%		-3.50%	
						<b>MEAN (average)</b>	444,736					<b>MEAN (average)</b>	-3.54%			-4.36%		-3.67%	
<b>RESIDENTIAL LAKESHORE - ST. ALBAN'S BAY</b>																			
2611723340055	FRED & LORIE BADIYAN	21750	BYRON CIR	RL	684,000	339,000	1,023,000	0	RL	729,000	342,000	1,071,000	0.96	-6.17%		-0.88%		-4.48%	
2611723340056	F C QUIRSFELD & N A CAMPBELL	21800	BYRON CIR	RL	1,030,000	508,000	1,538,000	0	RL	1,080,000	511,000	1,591,000	0.97	-4.63%		-0.59%		-3.33%	
2611723340012	DAVID L & KAREN K COWELL TRE	21825	BYRON CIR	RL	850,000	457,000	1,307,000	0	RL	900,000	463,000	1,363,000	0.96	-5.56%		-1.30%		-4.11%	
2611723340057	DAVID L & KAREN K COWELL	21830	BYRON CIR	RL	236,000	87,000	323,000	0	RL	249,000	96,000	345,000	0.94	-5.22%		-9.38%		-6.38%	
2611723340016	STEVEN WOLD & DIANE WOLD	21845	BYRON CIR	RL	550,000	52,000	602,000	0	RL	585,000	55,000	640,000	0.94	-5.98%		-5.45%		-5.94%	
2611723340031	T J NAGEL & J A NAGEL	21885	BYRON CIR	RL	594,000	71,000	665,000	0	RL	634,000	77,000	711,000	0.94	-6.31%		-7.79%		-6.47%	
2611723340030	T J NAGEL & J A NAGEL	21895	BYRON CIR	RL	711,000	579,000	1,290,000	0	RL	756,000	583,000	1,339,000	0.96	-5.95%		-0.69%		-3.66%	
2611723340006	PAUL L BOEDECKER ET AL	21925	BYRON CIR	RL	638,000	565,000	1,203,000	0	RL	675,000	570,000	1,245,000	0.97	-5.48%	-5.66%	-7.79%	-4.23%	-6.47%	-5.10%
2611723440070	BANK OF AMERICA N A	20840	CHANNEL DR	RL	416,000	1,084,000	1,500,000	0	RL	416,000	1,092,000	1,508,000	0.99	0.00%		-0.73%		-0.53%	
2611723440023	T J SAYER & F R SAYER	20845	CHANNEL DR	RL	234,000	104,000	338,000	0	RL	234,000	108,000	342,000	0.99	0.00%		-3.70%		-1.17%	
2611723440022	S D CARLSON & K A NOTZ	20885	CHANNEL DR	RL	234,000	277,000	511,000	0	RL	234,000	279,000	513,000	1.00	0.00%		-0.72%		-0.39%	
2611723440002	C A SAYER & J E SAYER TRSTES	20890	CHANNEL DR	RL	414,000	214,000	628,000	0	RL	414,000	220,000	634,000	0.99	0.00%		-2.73%		-0.95%	
2611723440060	JOHN STONE & JOAN STONE	20895	CHANNEL DR	RL	234,000	332,000	566,000	0	RL	234,000	334,000	568,000	1.00	0.00%		-0.60%		-0.35%	
2611723440047	D & P PLOCEK	20896	CHANNEL DR	RL	598,000	496,000	1,094,000	0	RL	598,000	499,000	1,097,000	1.00	0.00%		-0.60%		-0.27%	
2611723440025	J & P LIVINGSTON	20965	CHANNEL DR	RL	1,265,000	89,000	1,354,000	0	RL	1,265,000	255,000	1,520,000	0.89	0.00%		-65.10%		-10.92%	
2611723440036	BRIAN SHORT & KAREN SHORT	20975	CHANNEL DR	RL	1,125,000	751,000	1,876,000	0	RL	1,125,000	751,000	1,876,000	1.00	0.00%		0.00%		0.00%	
2611723440037	D J PODOLAK & R M PODOLAK	20985	CHANNEL DR	RL	1,125,000	588,000	1,713,000	0	RL	1,125,000	591,000	1,716,000	1.00	0.00%	0.00%	-65.10%	-15.48%	-10.92%	-2.83%
2611723310016	HELJO L ALARI	5120	CURVE ST	RL	663,000	159,000	822,000	0	RL	663,000	165,000	828,000	0.99	0.00%		-3.64%		-0.72%	
2611723310017	CONNIE L AMBROSE	5130	CURVE ST	RL	635,000	157,000	792,000	0	RL	635,000	162,000	797,000	0.99	0.00%		-3.09%		-0.63%	
2611723310037	STEVEN L KIND & DEBRA J KIND	5140	CURVE ST	RL	690,000	455,000	1,145,000	0	RL	690,000	458,000	1,148,000	1.00	0.00%		-0.66%		-0.26%	
2611723420042	J R MUSGJERD & C A MUSGJERD	5145	CURVE ST	RL	690,000	275,000	965,000	0	RL	690,000	275,000	965,000	1.00	0.00%		0.00%		0.00%	
2611723420043	EVAL LALO & KEREN LALO ET AL	5155	CURVE ST	RL	910,000	484,000	1,394,000	0	RL	910,000	487,000	1,397,000	1.00	0.00%	0.00%	-0.66%	-1.61%	-0.26%	-0.37%
3511723110058	IM B CANNING & P F CANNING	21100	EXCELSIOR BLVD	RL	525,000	10,000	535,000	0	RL	575,000	10,000	585,000	0.91	-8.70%		0.00%		-8.55%	
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PID	Owner	HouseNo	Street	PT2012	LAND2012	BLDG2012	EMV2012	IMP2012	PT2011	LAND2011	BLDG2011	EMV2011	CHANGE	CHG LAND	CHG LAND Street/AVG	CHG BLDG	CHG BLDG Street/AVG	CHG TOTAL	CHG TOTAL Street/AVG
3511723110022	C OGILVIE & S OGILVIE	21170	EXCELSIOR BLVD	RL	555,000	256,000	811,000	0	RL	608,000	264,000	872,000	0.93	-8.72%		-3.03%		-7.00%	
3511723110021	T M FLETCHER & P L FLETCHER	21190	EXCELSIOR BLVD	RL	525,000	141,000	666,000	0	RL	575,000	146,000	721,000	0.92	-8.70%		-3.42%		-7.63%	
3511723120003	STEVEN JANOUSEK	21210	EXCELSIOR BLVD	RL	645,000	219,000	864,000	0	RL	705,000	224,000	929,000	0.93	-8.51%		-2.23%		-7.00%	
3511723120004	IM D & A C F FARRAHER	21230	EXCELSIOR BLVD	RL	645,000	172,000	817,000	0	RL	705,000	177,000	882,000	0.93	-8.51%		-2.82%		-7.37%	
3511723120005	BONNIE L & TIMOTHY F LANE	21250	EXCELSIOR BLVD	RL	645,000	359,000	1,004,000	0	RL	705,000	361,000	1,066,000	0.94	-8.51%		-0.55%		-5.82%	
3511723120006	JOLEEN M ROY & ROBERT J ROY	21270	EXCELSIOR BLVD	RL	645,000	372,000	1,017,000	0	RL	705,000	374,000	1,079,000	0.94	-8.51%		-0.53%		-5.75%	
3511723120007	WILLIAM J BRANDS	21290	EXCELSIOR BLVD	RL	581,000	484,000	1,065,000	0	RL	635,000	488,000	1,123,000	0.95	-8.50%		-0.82%		-5.16%	
3511723120008	BRANDON M FULL	21320	EXCELSIOR BLVD	RL	548,000	304,000	852,000	0	RL	599,000	272,000	871,000	0.98	-8.51%		11.76%		-2.18%	
3511723120009	C L DAHLIN & G R DAHLIN TRS	21350	EXCELSIOR BLVD	RL	860,000	316,000	1,176,000	0	RL	931,000	319,000	1,250,000	0.94	-7.63%		-0.94%		-5.92%	
3511723120035	J L KIM & S S KIM TRS	21380	EXCELSIOR BLVD	RL	581,000	170,000	751,000	0	RL	635,000	176,000	811,000	0.93	-8.50%		-3.41%		-7.40%	
3511723120036	JEFFREY R SAGAL	21420	EXCELSIOR BLVD	RL	645,000	115,000	760,000	0	RL	705,000	125,000	830,000	0.92	-8.51%		-8.00%		-8.43%	
3511723120033	B G AHLM & D M AHLM	21450	EXCELSIOR BLVD	RL	554,000	270,000	824,000	0	RL	605,000	272,000	877,000	0.94	-8.43%		-0.74%		-6.04%	
3511723120034	C JOHNSON & J JOHNSON	21470	EXCELSIOR BLVD	RL	625,000	341,000	966,000	0	RL	682,000	343,000	1,025,000	0.94	-8.36%		-0.58%		-5.76%	
3511723120013	G P COLVIN & J D COLVIN	21500	EXCELSIOR BLVD	RL	413,000	344,000	757,000	0	RL	450,000	347,000	797,000	0.95	-8.22%		-0.86%		-5.02%	
3511723120032	DAVID M & KIMBERLY A BARRY	21550	EXCELSIOR BLVD	RL	353,000	229,000	582,000	0	RL	385,000	251,000	636,000	0.92	-8.31%	-8.46%	-0.58%	-0.99%	-5.76%	-6.13%
2611723420053	SCOTT L & PEGGY S STEFAN	5085	GREENWOOD CIR	RL	888,000	408,000	1,296,000	0	RL	888,000	411,000	1,299,000	1.00	0.00%		-0.73%		-0.23%	
2611723420002	J J RUEGEMER & C D RUEGEMER	5105	GREENWOOD CIR	RL	690,000	306,000	996,000	0	RL	690,000	308,000	998,000	1.00	0.00%		-0.65%		-0.20%	
2611723420076	D P REGNIER & P A REGNIER TR	5115	GREENWOOD CIR	RL	567,000	292,000	859,000	0	RL	567,000	294,000	861,000	1.00	0.00%		-0.68%		-0.23%	
2611723420034	NANCY GAIL BROWN	5125	GREENWOOD CIR	RL	473,000	249,000	722,000	0	RL	473,000	250,000	723,000	1.00	0.00%		-0.40%		-0.14%	
2611723420035	SANDRA A STROMMEN	5135	GREENWOOD CIR	RL	473,000	168,000	641,000	0	RL	473,000	181,000	654,000	0.98	0.00%		-7.18%		-1.99%	
2611723420036	MARK W ELIAS	5145	GREENWOOD CIR	RL	473,000	146,000	619,000	0	RL	473,000	166,000	639,000	0.97	0.00%		-12.05%		-3.13%	
2611723420037	K J CHAPMAN & J A CHAPMAN	5155	GREENWOOD CIR	RL	773,000	37,000	810,000	0	RL	773,000	40,000	813,000	1.00	0.00%		-7.50%		-0.37%	
2611723420038	JAMES C WICKA	5165	GREENWOOD CIR	RL	473,000	222,000	695,000	0	RL	473,000	224,000	697,000	1.00	0.00%		-0.89%		-0.29%	
2611723420039	CHRISTINE M BIBLE TRUSTEE	5175	GREENWOOD CIR	RL	773,000	467,000	1,240,000	0	RL	773,000	470,000	1,243,000	1.00	0.00%		-0.64%		-0.24%	
2611723420040	F W LEITZMAN ETAL TRUSTEES	5185	GREENWOOD CIR	RL	525,000	32,000	557,000	0	RL	525,000	34,000	559,000	1.00	0.00%		-5.88%		-0.36%	
2611723420041	I W B COOK & L A COOK	5195	GREENWOOD CIR	RL	473,000	197,000	670,000	0	RL	473,000	203,000	676,000	0.99	0.00%	-5.25%	-3.41%	-1.99%	-7.40%	-4.31%
2611723420047	J SVENDSEN & C SVENDESON TRS	5050	KINGS CT	RL	252,000	248,000	500,000	0	RL	263,000	249,000	512,000	0.98	-4.18%	-4.18%	-8.00%	-8.00%	-8.43%	-8.43%
2611723110060	JOHN H & BARBARA J STROTHMAN	4636	LINWOOD CIR	RL	1,062,000	298,000	1,360,000	0	RL	1,085,000	300,000	1,385,000	0.98	-2.12%		-0.67%		-1.81%	
2611723120020	DANIEL P RYAN/PAMELA S RYAN	4640	LINWOOD CIR	RL	1,300,000	341,000	1,641,000	0	RL	1,400,000	344,000	1,744,000	0.94	-7.14%		-0.87%		-5.91%	
2611723120003	ROBERT E EVANS ETAL	4660	LINWOOD CIR	RL	1,235,000	192,000	1,427,000	0	RL	1,330,000	206,000	1,536,000	0.93	-7.14%		-6.80%		-7.10%	
2611723120004	C M HENGL & C HENGL TRST	4680	LINWOOD CIR	RL	1,260,000	686,000	1,946,000	0	RL	1,359,000	690,000	2,049,000	0.95	-7.28%		-0.58%		-5.03%	
2611723120006	WARREN L BECK TRUSTEE	4700	LINWOOD CIR	RL	910,000	395,000	1,305,000	0	RL	980,000	398,000	1,378,000	0.95	-7.14%	-6.17%	-0.73%	-1.93%	-0.23%	-4.01%
3511723210025	JOYCE D AGNEW	6	MACLYNN RD	RL	893,000	220,000	1,113,000	0	RL	893,000	222,000	1,115,000	1.00	0.00%		-0.90%		-0.18%	
3511723120031	J P MCMULLIN & C L MCMULLIN	8	MACLYNN RD	RL	860,000	369,000	1,229,000	0	RL	860,000	372,000	1,232,000	1.00	0.00%		-0.81%		-0.24%	
3511723120030	JAE Y & JULIE S LEW	10	MACLYNN RD	RL	860,000	228,000	1,088,000	0	RL	860,000	230,000	1,090,000	1.00	0.00%		-0.87%		-0.18%	
3511723120026	ELLEN R TIMPE	12	MACLYNN RD	RL	740,000	191,000	931,000	0	RL	740,000	198,000	938,000	0.99	0.00%		-3.54%		-0.75%	
3511723120025	KAY M JASPER	14	MACLYNN RD	RL	700,000	272,000	972,000	0	RL	700,000	274,000	974,000	1.00	0.00%	0.00%	-0.81%	-1.38%	-0.24%	-0.32%
2611723410055	LOUISE S NELSON TRUSTEE	5110	MANOR RD	RL	1,374,000	923,000	2,297,000	0	RL	1,374,000	931,000	2,305,000	1.00	0.00%		-0.86%		-0.35%	
2611723440024	J & W SCHULTZ	5330	MANOR RD	RL	234,000	221,000	455,000	0	RL	234,000	222,000	456,000	1.00	0.00%		-0.45%		-0.22%	
2611723440021	J L SCHEURICH ETAL	5350	MANOR RD	RL	234,000	136,000	370,000	0	RL	234,000	142,000	376,000	0.98	0.00%		-4.23%		-1.60%	
2611723440020	J S NORMAN & P I NORMAN	5370	MANOR RD	RL	234,000	54,000	288,000	0	RL	234,000	56,000	290,000	0.99	0.00%		-3.57%		-0.69%	
2611723440046	JULIANNE G SCHULTZ	5470	MANOR RD	RL	234,000	252,000	486,000	0	RL	234,000	254,000	488,000	1.00	0.00%		-0.79%		-0.41%	
2611723440066	E S JOHNSON & P E DUKE	5490	MANOR RD	RL	234,000	412,000	646,000	0	RL	234,000	415,000	649,000	1.00	0.00%	0.00%	-4.23%	-2.35%	-1.60%	-0.81%
2611723440053	JOHN & GAYLE BEAL	5470	MAPLE HEIGHTS RD	RL	880,000	50,000	930,000	0	RL	880,000	50,000	930,000	1.00	0.00%		0.00%		0.00%	
2611723440007	C R BERGQUIST III ET AL	5480	MAPLE HEIGHTS RD	RL	1,075,000	917,000	1,992,000	0	RL	1,075,000	925,000	2,000,000	1.00	0.00%		-0.86%		-0.40%	
3511723110089	RONALD C WHEELER	5490	MAPLE HEIGHTS RD	RL	473,000	86,000	559,000	0	RL	473,000	96,000	569,000	0.98	0.00%		-10.42%		-1.76%	
3511723110090	S G CHRISTIAN/B CHRISTIAN	5500	MAPLE HEIGHTS RD	RL	803,000	401,000	1,204,000	0	RL	803,000	404,000	1,207,000	1.00	0.00%		-0.74%		-0.25%	
3511723110061	MARK L & DONNA KNIGHT	5510	MAPLE HEIGHTS RD	RL	684,000	58,000	742,000	0	RL	684,000	62,000	746,000	0.99	0.00%		-6.45%		-0.54%	
3511723110028	FRANK J PRECOPIO TRUSTEE	5520	MAPLE HEIGHTS RD	RL	513,000	279,000	792,000	0	RL	513,000	282,000	795,000	1.00	0.00%		-1.06%		-0.38%	
3511723110029	MARIETTA J JACOBSEN	5530	MAPLE HEIGHTS RD	RL	727,000	7,000	734,000	0	RL	727,000	8,000	735,000	1.00	0.00%		-12.50%		-0.14%	
3511723110093	JOHN L FLOOD/DEBORAH L FLOOD	5540	MAPLE HEIGHTS RD	RL	1,053,000	678,000	1,731,000	0	RL	1,053,000	683,000	1,736,000	1.00	0.00%		-0.73%		-0.29%	
3511723110092	ISLE OF WINDEMERE LLC	5560	MAPLE HEIGHTS RD	RL	861,000	10,000	871,000	0	RL	861,000	10,000	871,000	1.00	0.00%		0.00%		0.00%	
3511723120001	ISLE OF WINDEMERE LLC	5560	MAPLE HEIGHTS RD	RL	2,000,000	229,000	2,229,000	0	RL	2,000,000	229,000	2,229,000	1.00	0.00%		0.00%		0.00%	
3511723110035	IM J BENDIX & N E BENDIX	5580	MAPLE HEIGHTS RD	RL	990,000	342,000	1,332,000	0	RL	990,000	345,000	1,335,000	1.00	0.00%		-0.87%		-0.22%	
3511723110037	JASON & MOLLY JOHNSON	5600	MAPLE HEIGHTS RD	RL	378,000	289,000	667,000	0	RL	414,000	291,000	705,000	0.95	-8.70%	-0.48%	0.00%	-2.65%	0.00%	-0.49%
2611723340022	A J & A M KIMPELL	21793	MINNETONKA BLVD	RL	595,000	145,000	740,000	0	RL	638,000	150,000	788,000	0.94	-6.74%		-3.33%		-6.09%	
2611723340026	DOUGLAS L JOHNSON	21795	MINNETONKA BLVD	RL	600,000	221,000	821,000	0	RL	640,000	222,000	862,000	0.95	-6.25%		-0.45%		-4.76%	
2611723340013	LINDA L BEAN	21945	MINNETONKA BLVD	RL	229,000	208,000	437,000	0	RL	229,000	208,000	437,000	1.00	0.00%		0.00%		0.00%	
2611723340008	H T KRESLINS & J E KRESLINS	21965	MINNETONKA BLVD	RL	821,000	243,000	1,064,000	0	RL	878,000	268,000	1,146,000	0.93	-6.49%	-4.87%	-3.33%	-1.78%	-6.09%	-4.23%
2611723440065	E C ATTEMA & G W ATTEMA	20915	OAK LA	RL	260,000	432,000	692,000	0	RL	260,000	435,000	695,000	1.00	0.00%		-0.69%		-0.43%	
2611723440061	T L BAUMGARD & C S BAUMGARD	20920	OAK LA	RL	260,000	421,000	681,000	0	RL	260,000	424,000	684,000	1.00	0.00%		-0.71%		-0.44%	

PID	Owner	HouseNo	Street	PT2012	LAND2012	BLDG2012	EMV2012	IMP2012	PT2011	LAND2011	BLDG2011	EMV2011	CHANGE	CHG LAND	CHG LAND Street/AVG	CHG BLDG	CHG BLDG Street/AVG	CHG TOTAL	CHG TOTAL Street/AVG
2611723440051	C M & E J FELDBAUM TRUSTEES	21020	OAK LA S	RL	1,806,000	613,000	2,419,000	0	RL	1,806,000	637,000	2,443,000	0.99	0.00%	0.00%	-0.82%	-1.79%	-0.21%	-1.04%
2611723420049	GARY C STOKVIS	5160	QUEENS CIR	RL	264,000	490,000	754,000	0	RL	275,000	493,000	768,000	0.98	-4.00%		-0.61%		-1.82%	
2611723420050	RONALD WESEMAN/MARY WESEMAN	5165	QUEENS CIR	RL	300,000	217,000	517,000	0	RL	313,000	256,000	569,000	0.91	-4.15%		-15.23%		-9.14%	
2611723420052	B N BOGEN & M BOGEN TRUSTEES	5175	QUEENS CIR	RL	825,000	425,000	1,250,000	0	RL	825,000	425,000	1,250,000	1.00	0.00%	-2.72%	-3.77%	-6.54%	-0.98%	-3.98%
2611723410048	JOHN E & BRIDGETTE E DUNN	4940	ST ALBANS BAY RD	RL	776,000	160,000	936,000	0	RL	776,000	166,000	942,000	0.99	0.00%		-3.61%		-0.64%	
2611723410049	WELLS FARGO BANK N A	4950	ST ALBANS BAY RD	RL	709,000	408,000	1,117,000	0	RL	709,000	410,000	1,119,000	1.00	0.00%		-0.49%		-0.18%	
2611723410056	M D ANDERSON & D H ANDERSON	5110	ST ALBANS BAY RD	RL	776,000	385,000	1,161,000	0	RL	776,000	350,000	1,126,000	1.03	0.00%		10.00%		3.11%	
2611723410057	M D ANDERSON & D H ANDERSON	5114	ST ALBANS BAY RD	RL	306,000	556,000	862,000	0	RL	306,000	559,000	865,000	1.00	0.00%		-0.54%		-0.35%	
2611723410005	D DOESCHER & L DOESCHER	5120	ST ALBANS BAY RD	RL	983,000	574,000	1,557,000	0	RL	983,000	578,000	1,561,000	1.00	0.00%		-0.69%		-0.26%	
2611723410004	STEPHEN PINT & HEATHER PINT	5140	ST ALBANS BAY RD	RL	1,190,000	71,000	1,261,000	0	RL	1,190,000	73,000	1,263,000	1.00	0.00%		-2.74%		-0.16%	
2611723410001	R & P ALLAR	5180	ST ALBANS BAY RD	RL	880,000	173,000	1,053,000	0	RL	880,000	182,000	1,062,000	0.99	0.00%		-4.95%		-0.85%	
2611723410003	J C & R R OFSTEHAGE	5190	ST ALBANS BAY RD	RL	1,495,000	76,000	1,571,000	0	RL	1,495,000	78,000	1,573,000	1.00	0.00%	0.00%	-0.69%	-0.46%	-0.26%	0.05%
2611723440044	SCOTT RICHARD BOLIN	20860	ST ALBANS GREEN	RL	304,000	251,000	555,000	0	RL	304,000	261,000	565,000	0.98	0.00%		-3.83%		-1.77%	
2611723440042	P G DAVIS & C A DAVIS	20870	ST ALBANS GREEN	RL	648,000	376,000	1,024,000	0	RL	648,000	385,000	1,033,000	0.99	0.00%		-2.34%		-0.87%	
2611723440041	STEVEN B DILLE/KAREN S DILLE	20880	ST ALBANS GREEN	RL	1,188,000	292,000	1,480,000	0	RL	1,188,000	303,000	1,491,000	0.99	0.00%		-3.63%		-0.74%	
2611723440040	S M SANE & K S SANE TRUSTEES	20890	ST ALBANS GREEN	RL	1,242,000	321,000	1,563,000	0	RL	1,242,000	323,000	1,565,000	1.00	0.00%		-0.62%		-0.13%	
2611723440039	C & P WENDLE	20900	ST ALBANS GREEN	RL	1,139,000	284,000	1,423,000	0	RL	1,139,000	286,000	1,425,000	1.00	0.00%	0.00%	-2.34%	-2.55%	-0.87%	-0.88%
2611723410007	M D ANDERSON & D H ANDERSON	5105	WEEKS RD	RL	621,000	91,000	712,000	0	RL	621,000	94,000	715,000	1.00	0.00%		-3.19%		-0.42%	
2611723410036	D S & C L REEDER TRUSTEES	5115	WEEKS RD	RL	311,000	134,000	445,000	0	RL	311,000	169,000	480,000	0.93	0.00%		-20.71%		-7.29%	
2611723410010	JOHN P PACKARD ETAL TRUSTEES	5125	WEEKS RD	RL	945,000	283,000	1,228,000	0	RL	945,000	285,000	1,230,000	1.00	0.00%		-0.70%		-0.16%	
2611723410029	R C REUT & B A REUT	5135	WEEKS RD	RL	1,916,000	514,000	2,430,000	0	RL	1,916,000	518,000	2,434,000	1.00	0.00%		-0.77%		-0.16%	
2611723410028	KEITH D WILCOCK ETAL	5145	WEEKS RD	RL	1,615,000	79,000	1,694,000	0	RL	1,615,000	81,000	1,696,000	1.00	0.00%		-2.47%		-0.12%	
2611723410009	S FERGUSON & M J FERGUSON TR	5155	WEEKS RD	RL	1,125,000	1,045,000	2,170,000	0	RL	1,125,000	1,072,000	2,197,000	0.99	0.00%	0.00%	-0.70%	-4.76%	-0.16%	-1.39%
2611723310011	D F MARHULA & D E MARHULA	5110	WEST ST	RL	600,000	201,000	801,000	0	RL	600,000	203,000	803,000	1.00	0.00%		-0.99%		-0.25%	
2611723310012	ROBERT W QUAM	5120	WEST ST	RL	473,000	199,000	672,000	0	RL	473,000	205,000	678,000	0.99	0.00%		-2.93%		-0.88%	
2611723310013	A R JEWETT & L C JEWETT	5125	WEST ST	RL	551,000	12,000	563,000	0	RL	551,000	13,000	564,000	1.00	0.00%		-7.69%		-0.18%	
2611723310014	T G SMITH & T L TROCHMAN	5135	WEST ST	RL	580,000	222,000	802,000	0	RL	580,000	229,000	809,000	0.99	0.00%	0.00%	-0.99%	-3.15%	-0.25%	-0.39%
						<b>MEDIAN (middle)</b>	924,500							<b>MEDIAN (middle)</b>	0.00%		-0.87%		-0.66%
						<b>MEAN (average)</b>	1,029,847							<b>MEAN (average)</b>	-2.28%		-3.47%		-2.40%
<b>RESIDENTIAL LAKESHORE - MAIN LAKE</b>																			
2611723130075	ID J STEIN & C R STEIN	21490	FAIRVIEW ST	RL	1,025,000	506,000	1,531,000	0	RL	1,113,000	510,000	1,623,000	0.94	-7.91%			-0.78%		-5.67%
2611723130005	HOWARD B WEST TRUSTEE	21500	FAIRVIEW ST	RL	780,000	18,000	798,000	0	RL	840,000	20,000	860,000	0.93	-7.14%		-10.00%		-7.21%	
2611723130076	T N SCHMITT & S COLE-SCHMITT	21510	FAIRVIEW ST	RL	1,530,000	802,000	2,332,000	0	RL	1,593,000	807,000	2,400,000	0.97	-3.95%		-0.62%		-2.83%	
2611723130077	GREGG A OSTRANDER ET AL	21520	FAIRVIEW ST	RL	1,710,000	1,052,000	2,762,000	0	RL	1,838,000	1,062,000	2,900,000	0.95	-6.96%		-0.94%		-4.76%	
2611723130078	I U S BANK NATL ASSOC TRUSTEE	21560	FAIRVIEW ST	RL	1,710,000	373,000	2,083,000	0	RL	2,060,000	200,000	2,260,000	0.92	-16.99%		86.50%		-7.83%	
2611723130010	SUSAN A MORRIS TRUSTEE	21580	FAIRVIEW ST	RL	1,400,000	41,000	1,441,000	0	RL	1,510,000	43,000	1,553,000	0.93	-7.28%		-4.65%		-7.21%	
2611723240015	JEANNIE WALKER BOWERS	21600	FAIRVIEW ST	RL	1,040,000	19,000	1,059,000	0	RL	1,125,000	22,000	1,147,000	0.92	-7.56%		-13.64%		-7.67%	
2611723240014	D K WALSH & S K WALSH	21630	FAIRVIEW ST	RL	988,000	257,000	1,245,000	0	RL	1,060,000	259,000	1,319,000	0.94	-6.79%		-0.77%		-5.61%	
2611723240013	21650 FAIRVIEW LLC	21650	FAIRVIEW ST	RL	988,000	300,000	1,288,000	0	RL	1,060,000	302,000	1,362,000	0.95	-6.79%		-0.66%		-5.43%	
2611723240012	T B MOSER & J A MOSER	21670	FAIRVIEW ST	RL	1,066,000	219,000	1,285,000	0	RL	1,144,000	225,000	1,369,000	0.94	-6.82%		-2.67%		-6.14%	
2611723240011	M E LEWRY & J W LEWRY	21690	FAIRVIEW ST	RL	728,000	113,000	841,000	0	RL	780,000	122,000	902,000	0.93	-6.67%		-7.38%		-6.76%	
2611723240010	ANNE F SPAETH TRUSTEE	21700	FAIRVIEW ST	RL	1,300,000	1,220,000	2,520,000	0	RL	1,398,000	1,229,000	2,627,000	0.96	-7.01%		-0.73%		-4.07%	
2611723240023	THOMAS L WARNER & WIFE	21710	FAIRVIEW ST	RL	1,690,000	102,000	1,792,000	0	RL	1,820,000	104,000	1,924,000	0.93	-7.14%		-1.92%		-6.86%	
2611723240024	E SUZANNE BRIXIUS	21720	FAIRVIEW ST	RL	2,415,000	125,000	2,540,000	0	RL	2,622,000	125,000	2,747,000	0.92	-7.89%	-7.64%	0.00%	2.98%	-7.54%	-6.11%
2611723240033	RNW ASSOCIATES LLC	4900	MEADVILLE ST	RL	1,945,000	623,000	2,568,000	0	RL	1,995,000	628,000	2,623,000	0.98	-2.51%		-0.80%		-2.10%	
2611723240001	ROBERT H SEVEY TRUSTEE	4926	MEADVILLE ST	RL	1,295,000	105,000	1,400,000	0	RL	1,345,000	109,000	1,454,000	0.96	-3.72%		-3.67%		-3.71%	
2611723240002	BLAINE C BURDICK	4930	MEADVILLE ST	RL	1,020,000	134,000	1,154,000	0	RL	1,070,000	139,000	1,209,000	0.95	-4.67%		-3.60%		-4.55%	
2611723240003	J K JETLAND & M M JETLAND	4940	MEADVILLE ST	RL	1,525,000	789,000	2,314,000	0	RL	1,575,000	794,000	2,369,000	0.98	-3.17%		-0.63%		-2.32%	
2611723240004	JILL N & REID F TRAUTZ TRUST	4950	MEADVILLE ST	RL	1,185,000	91,000	1,276,000	0	RL	1,235,000	94,000	1,329,000	0.96	-4.05%		-3.19%		-3.99%	
2611723240005	TED R HANNA JR	4960	MEADVILLE ST	RL	768,000	65,000	833,000	0	RL	816,000	65,000	881,000	0.95	-5.88%		0.00%		-5.45%	
2611723240006	F H COHEN & N S COHEN TRUSTE	4970	MEADVILLE ST	RL	855,000	447,000	1,302,000	0	RL	905,000	451,000	1,356,000	0.96	-5.52%		-0.89%		-3.98%	
2611723240020	MAURICE C LIZEE	4980	MEADVILLE ST	RL	1,130,000	35,000	1,165,000	0	RL	1,180,000	41,000	1,221,000	0.95	-4.24%		-14.63%		-4.59%	
2611723240021	T P & K A HESSIAN	4990	MEADVILLE ST	RL	800,000	134,000	934,000	0	RL	850,000	138,000	988,000	0.95	-5.88%		-2.90%		-5.47%	
2611723240031	K A & V B STUESSI	5000	MEADVILLE ST	RL	969,000	46,000	1,015,000	0	RL	950,000	65,000	1,015,000	1.00	2.00%		-29.23%		0.00%	
2611723310055	SHELDON Z WERT TRUSTEE	5030	MEADVILLE ST	RL	1,945,000	960,000	2,905,000	0	RL	1,995,000	966,000	2,961,000	0.98	-2.51%		-0.62%		-1.89%	
2611723320022	N REBECCA KASTEN	5040	MEADVILLE ST	RL	965,000	362,000	1,327,000	0	RL										



# ASSESSMENT GROWTH REPORT

## RESIDENTIAL LAKESHORE PROPERTIES

JAN-JAN	98-99 Growth		99-00 Growth		00-01 Growth		01-02 Growth		02-03 Growth		03-04 Growth		04-05 Growth		05-06 Growth		06-07 Growth		07-08 Growth		08-09 Growth		09-10 Growth		10-11 Growth		11-12 Growth		Avg. Growth
WOODLAND	9.7%	2	8.4%	0	28.3%	1	18.2%	0	8.6%	2	1.1%	1	12.0%	0	7.1%	1	5.7%	3	-0.2%	1	-3.7%	1	-2.8%	0	-6.4%	2	-6.7%	1	1.5%
DEEPHAVEN	19.7%	5	11.9%	6	27.3%	10	7.5%	2	10.3%	5	1.3%	7	6.7%	4	16.0%	1	12.8%	3	-0.3%	4	-5.8%	5	-8.0%	3	-5.5%	5	-4.3%	8	2.3%
SHOREWOOD	10.7%	13	18.1%	9	21.7%	12	11.3%	11	15.0%	12	5.2%	18	11.9%	23	8.3%	18	5.3%	8	1.6%	5	-1.5%	10	-6.9%	8	-4.3%	10	-6.5%	10	2.8%
MTKA BEACH	1.3%	0	14.4%	3	38.3%	2	20.0%	5	9.1%	2	8.6%	5	14.2%	7	12.6%	5	10.5%	5	-0.1%	5	-7.4%	1	-6.4%	5	-2.0%	3	-9.9%	6	2.9%
MOUND	10.8%	29	15.0%	60	18.9%	37	18.1%	32	10.7%	30	8.3%	41	15.4%	46	15.8%	47	16.2%	34	3.1%	29	-10.3%	11	-11.7%	29	-11.2%	25	-3.3%	21	3.3%
MINNETRISTA	13.4%	21	12.4%	31	15.7%	14	17.2%	8	11.7%	24	8.1%	16	13.9%	27	19.4%	28	8.4%	25	-3.9%	18	-3.9%	15	-8.7%	8	-4.8%	14	-6.3%	9	3.4%
ORONO	9.9%	38	17.1%	50	21.6%	42	13.9%	36	17.7%	38	10.6%	40	11.8%	47	9.5%	49	9.8%	26	0.8%	27	-1.8%	19	-7.0%	16	-8.2%	18	-8.6%	25	3.5%
SPRING PARK	3.0%	3	31.3%	8	17.7%	1	10.4%	1	16.5%	6	5.8%	4	25.3%	5	8.6%	3	13.3%	2	2.8%	0	-10.5%	0	-6.0%	1	-8.2%	1	-12.7%	2	3.5%
TONKA BAY	10.1%	12	18.9%	14	19.8%	17	24.3%	11	9.0%	14	1.2%	17	17.2%	11	16.2%	18	13.3%	12	1.3%	6	-3.1%	9	-6.7%	6	-4.9%	4	-7.0%	12	3.7%
MINNETONKA	2.5%	7	13.5%	1	26.1%	3	22.5%	6	11.0%	6	2.9%	7	17.8%	2	22.0%	2	10.5%	5	-0.4%	2	-7.5%	6	-14.5%	1	0.0%	2	-4.6%	4	3.7%
WAYZATA	7.3%	1	9.8%	2	21.6%	3	12.7%	3	16.7%	4	2.0%	1	22.3%	7	18.1%	4	5.6%	3	0.1%	3	-9.0%	2	-5.7%	1	-0.3%	3	-11.8%	1	3.8%
EXCELSIOR	8.7%	3	19.0%	1	27.6%	1	16.6%	3	17.4%	1	1.4%	3	7.3%	2	30.5%	0	4.0%	2	0.7%	1	-6.3%	0	-6.3%	2	-0.6%	1	-2.0%	4	4.6%
GREENWOOD	8.1%	7	17.0%	3	21.3%	5	22.2%	3	15.5%	6	4.4%	6	23.2%	3	15.5%	5	10.2%	3	1.1%	5	-3.3%	8	-7.9%	3	-6.2%	2	-2.9%	8	5.0%
AVG. % Change	8.86%	141	15.9%	188	23.5%	148	16.5%	121	13.0%	150	4.7%	166	15.3%	184	15.4%	181	9.7%	131	0.5%	106	-5.7%	87	-7.6%	83	-4.8%	90	-6.7%	111	3.4%

<u>NEIGH</u>	<u>DESCRIPTION</u>
0 - 29	PLATTED RESIDENTIAL
30 - 39	ACREAGE: SINGLE/MULTIPLE
40 - 49	ACREAGE: AG AND AG PRESERVE
50 - 54	SPLIT CLASS/SUBRECORD PARCELS
55 - 59	DB/RZ
60 - 69	CONDO - USE SITE ADJ. FOR GARAGE

<u>NEIGH</u>	<u>DESCRIPTION</u>
70 - 77	CONDO
78	UNBUILDABLE LR
79	UNBUILDABLE LL
80 - 89	TOWNHOME - USE SITE ADJ. FOR GARAGE
90 - 99	TOWNHOME

City Notes:

Land Last Update: 12/19/2011

### GREENWOOD - 2012 NEIGHBORHOOD LAND RATES

<u>MUNIC</u>	<u>NBHD</u>	<u>NAME</u>	<u>2011 BASE RATE</u>	<u>2012 BASE RATE</u>	<u>CHANGE</u>	<u>NBHD NOTES:</u>
(19)	01	Greenwoods	\$280,000	\$257,000	-8.21%	
(19)	02	Sleepy Hlw/Pineview/Mtka Blvd	\$135,000	\$135,000	0.00%	
(19)	03	Fairview/Meadville/Covington	\$125,000	\$112,000	-10.40%	
(19)	04	Byron Circle	\$145,000	\$138,000	-4.83%	
(19)	05	N St. Albans Bay - Off Lake	\$150,000	\$150,000	0.00%	
(19)	06	Manor Rd/St. Ablans Bay Rd	\$340,000	\$340,000	0.00%	
(19)	07	South St. Albans Bay - Off Lake	\$105,000	\$105,000	0.00%	
(19)	70	St Alb. Bay Villas	\$305,000	\$324,000	6.23%	
(19)	78	Misc Properties	\$10,000	\$10,000	0.00%	

RATINGS      DESCRIPTION  
 1 - 19          PRIVATE LAKESHORE  
 20 - 39        LAKESHORE COMMONS  
 50 - 59        PRIVATE CHANNEL

RATINGS      DESCRIPTION  
 60 - 69        CHANNEL COMMONS  
 70 - 89        PARCEL WITH DEEDED ACCESS

City Notes:

**GREENWOOD - 2012 LAKESHORE SCHEDULE**    Land Updated: 12/19/2011

MUNIC	LAKE BAY RATING	NAME	BASE RATE	FRONT FT	FF RATE	RATE TOTAL	ACCUM TOTAL
(19)	01 - 01 - 01	Fairview		1st 50 FT @ \$14,000 =		\$700,000	\$700,000
				2nd 50 FT @ \$12,000 =		\$600,000	\$1,300,000
				3rd 1 FT @ \$10,000 =		\$10,000	\$1,310,000
				BALANCE @ \$10,000			
(19)	01 - 01 - 02	Meadville		1st 50 FT @ \$16,000 =		\$800,000	\$800,000
				2nd 50 FT @ \$11,000 =		\$550,000	\$1,350,000
				3rd 1 FT @ \$7,000 =		\$7,000	\$1,357,000
				BALANCE @ \$7,000			
(19)	01 - 02 - 02	Excelsior Bay		1st 50 FT @ \$16,000 =		\$800,000	\$800,000
				2nd 50 FT @ \$11,000 =		\$550,000	\$1,350,000
				3rd 1 FT @ \$7,000 =		\$7,000	\$1,357,000
				BALANCE @ \$7,000			
(19)	01 - 03 - 03	West St. Albans Bay		1st 50 FT @ \$9,000 =		\$450,000	\$450,000
				2nd 50 FT @ \$5,000 =		\$250,000	\$700,000
				3rd 1 FT @ \$3,000 =		\$3,000	\$703,000
				BALANCE @ \$3,000			
(19)	01 - 03 - 04	North St. Albans Bay		1st 50 FT @ \$10,500 =		\$525,000	\$525,000
				2nd 1 FT @ \$5,500 =		\$5,500	\$530,500
				3rd 1 FT @ \$5,500 =		\$5,500	\$536,000
				BALANCE @ \$5,500			
(19)	01 - 03 - 05	East St. Albans Bay		1st 50 FT @ \$13,500 =		\$675,000	\$675,000
				2nd 50 FT @ \$9,000 =		\$450,000	\$1,125,000
				3rd 1 FT @ \$7,000 =		\$7,000	\$1,132,000
				BALANCE @ \$7,000			
(19)	01 - 03 - 06	The Royal Court	\$240,000				
(19)	01 - 03 - 07	South St. Albans Bay		1st 50 FT @ \$10,500 =		\$525,000	\$525,000
				2nd 50 FT @ \$6,000 =		\$300,000	\$825,000
				3rd 1 FT @ \$2,000 =		\$2,000	\$827,000
				BALANCE @ \$2,000			
(19)	01 - 03 - 08	Isle of Windemere	\$1,500,000				

**GREENWOOD - 2012 LAKESHORE SCHEDULE** *Land Updated: 12/19/2011*

<i>MUNIC</i>	<i>LAKE BAY RATING</i>	<i>NAME</i>	<i>BASE RATE</i>	<i>FRONT FT</i>	<i>FF RATE</i>	<i>RATE TOTAL</i>	<i>ACCUM TOTAL</i>
(19)	01 - 03 - 09	Maclynn Island		1st 50 FT @	\$8,500 =	\$425,000	\$425,000
				2nd 50 FT @	\$5,500 =	\$275,000	\$700,000
				3rd 1 FT @	\$4,000 =	\$4,000	\$704,000
				BALANCE @	\$4,000		
(19)	01 - 03 - 10	Knapp Cool Oaks	\$260,000				

# Greenwood 2011 Sales Study for the 2012 Assessment for Taxes Payable 2013 (March 2012 Update)

GREENWOOD SALES FROM OCTOBER 1, 2010 THRU SEPTEMBER 30, 2011

MUNIC	PT	SECTION	TOWNSHIP	RANGE	QQ	SUFF	ADDRNO	ADDRST	STYHGT	ACTAGE	GBA	SALEDATE	SALEPRICE	SALECODE	2011 LAND	2011 BUILD	2011 TOTAL	2011 RATIO
19	R	26	117	23	31	0023	21775	FAIRVIEW ST	100	1973	1819	08/2011	\$435,000	W	\$146,000	\$315,000	\$461,000	105.98%
19	R	26	117	23	13	0064	4880	LODGE LA	200	1992	3057	11/2010	\$855,000	W	\$257,000	\$513,000	\$770,000	90.06%
19	R	26	117	23	13	0066	4763	LYMAN CT	100	1992	2252	02/2011	\$567,500	W	\$231,000	\$355,000	\$586,000	103.26%
19	R	26	117	23	13	0030	21560	PINEVIEW CT	100	1990	1276	03/2011	\$412,500	W	\$155,000	\$171,000	\$326,000	79.03%
19	RL	26	117	23	44	0036	20975	CHANNEL DR	100	1997	2844	09/2011	\$2,000,000	W	\$1,125,000	\$751,000	\$1,876,000	93.80%
19	RL	35	117	23	12	0008	21320	EXCELSIOR BLVD	200	1920	2673	01/2011	\$940,000	W	\$548,000	\$304,000	\$852,000	90.64%
19	RL	35	117	23	11	0022	21170	EXCELSIOR BLVD	200	1988	1800	08/2011	\$755,000	W	\$555,000	\$256,000	\$811,000	107.42%
19	RL	26	117	23	13	0076	21510	FAIRVIEW ST	200	1997	4523	03/2011	\$2,400,000	O	\$1,530,000	\$802,000	\$2,332,000	97.17%
19	RL	26	117	23	44	0020	5370	MANOR RD	100	1955	1376	12/2010	\$300,000	W	\$234,000	\$54,000	\$288,000	96.00%
19	RL	26	117	23	42	0050	5165	QUEENS CIR	100	1984	1396	08/2011	\$537,000	W	\$300,000	\$217,000	\$517,000	96.28%
19	RL	26	117	23	41	0056	5110	ST ALBANS BAY RD	100	2004	1808	08/2011	\$1,800,000	W	\$776,000	\$385,000	\$1,161,000	64.50%
19	RL	26	117	23	41	0057	5114	ST ALBANS BAY RD	200	2007	4484	09/2011	\$975,000	W	\$306,000	\$556,000	\$862,000	88.41%
19	X	26	117	23	34	0048	21957	MINNETONKA BLVD	100	2003	1976	10/2010	\$599,000	W	\$324,000	\$266,000	\$590,000	98.50%
19	X	26	117	23	34	0046	21957	MINNETONKA BLVD	100	2003	2047	11/2010	\$659,900	W	\$324,000	\$270,000	\$594,000	90.01%
																	<b>MEDIAN* ALL PROPERTIES*</b>	94.90%
																	95% Difference	0.10%
																	<b>MEDIAN* LAKESHORE</b>	94.90%
																	95% Difference	0.10%
																	<b>MEDIAN* OFF-SHORE</b>	96.66%
																	95% Difference	-1.66%
																	<b>MEDIAN* CONDOS</b>	94.26%
																	95% Difference	0.74%

**NOT INCLUDED IN STUDY**

19	RL	26	117	23	32	0011	5060	MEADVILLE ST	200	1975	1542	11/2010	\$1,300,000	R	\$1,020,000	\$167,000	\$1,187,000	91.31%
19	RL	26	117	23	32	0005	5190	MEADVILLE ST	175	1915	2018	09/2011	\$149,000	R	\$1,325,000	\$10,000	\$1,335,000	895.97%
19	RL	26	117	23	44	0020	5370	MANOR RD	100	1955	1376	08/2011	\$307,000	R	\$234,000	\$54,000	\$288,000	93.81%

PROPERTY TYPE: R = RESIDENTIAL, RL = RESIDENTIAL LAKESHORE, X = CONDO, LR = RESIDENTIAL LAND, LL = RESIDENTIAL LAKESHORE LAN

SALE CODE: W = IN STUDY, R = REMOVED FROM STUDY, O = OTHER, IN STUDY, L = LAND SALE (NOT IN STUDY BUT LOOKED AT), M = MULTIPLE PIDs INVOLVE

\* To ensure equalization the assessor's goal is to keep each city's MEDIAN (middle) sales ratio percentage at 95% for each property type.

There must be at least 6 sales to have a meaningful sales study.

Note: There is a lag with the market because the timing of the sales study is 15-plus months before the EMVs go into effect for the year taxes are payable.

This lag occurs in up and down markets.



**Agenda Item:** Consent Agenda

**Summary:** The consent agenda typically includes the most recent council minutes, cash summary report, verified report, electronic fund transfers, and check registers. The consent agenda also may include the 2nd reading of ordinances that were approved unanimously by the council at the 1st reading. Council members may remove consent agenda items for further discussion. Removed items will be placed under Other Business on the agenda.

**Council Action:** Required. Possible motion ...

1. I move the council approves the consent agenda items as presented.

**GREENWOOD CITY COUNCIL MEETING**  
**Wednesday, March 7, 2012, 7:00 P.M.**  
**Council Chambers, 20225 Cottagewood Road, Deephaven, MN 55331**

**1. CALL TO ORDER – ROLL CALL – APPROVAL OF AGENDA**

Mayor Kind called the meeting to order at 7:01 P.M.

Members Present: Mayor Kind; Councilmembers Fletcher, Page, Quam and Rose

Others Present: City Attorney Kelly and City Zoning Administrator/City Clerk Karpas

Also Present: City Auditors Jennifer Foley and Brady Hoffman with CliftonLarsonAllen

Members Absent: None

**Quam moved, Fletcher seconded, approving the agenda as presented. Motion passed 5/0.**

**2. CONSENT AGENDA**

Mayor Kind reviewed the items on the Consent Agenda.

**Quam moved, Rose seconded, approving the items contained on the Consent Agenda.**

- A. February 1, 2012, City Council Meeting Minutes**
- B. November 2011 Cash Summary Report**
- C. December 2011 Cash Summary Report**
- D. January 2012 Cash Summary Report**
- E. February 2012 Verifieds, Check Register, Electronic Fund Transfers**
- F. March 2012 Payroll Register**
- G. Approving ORDINANCE NO. 202, “An Ordinance of the City of Greenwood, Minnesota Amending Greenwood Ordinance Code Section 1102 Definition of ‘Shore Impact Zone’.”**
- H. Approving ORDINANCE NO. 208, “An Ordinance of the City of Greenwood, Minnesota Amending Greenwood Ordinance Code Sections 510 and 710 to Add Temporary Parking Permits.”**

**Motion passed 5/0.**

**3. MATTERS FROM THE FLOOR**

There were no matters from the floor presented this evening.

#### **4. ANNOUNCEMENTS, PRESENTATIONS & REPORTS**

##### **A. Presentation: Jennifer Foley & Brady Hoffman (CliftonLarsonAllen), 2011 Auditor's Report**

Mayor Kind introduced Jennifer Foley and Brady Hoffman with CliftonLarsonAllen who were present this evening to provide a summary of the audit results for the year ending December 31, 2011.

Ms. Foley noted this is her first time as a partner that she has been involved with the City's audit.

With regard to audit results, Ms. Foley stated their firm issued a "clean" opinion on the financial statements which is the best opinion it can give. The audit provides reasonable, but not absolute assurance because every single transaction is not reviewed. The most significant estimate is for the depreciation of capital assets. Adjustments have been made to ensure the financial statements are in accordance with GAAP (generally accepted accounting principles); also known as the accrual method. There are also Governmental Accounting Standards Board (GASB) 34 conversion entries (similar to prior years). There was a prior period adjustment for the 2010 financial statements. There were some assets related to the road construction projects that should have been capitalized.

Councilmember Quam asked Ms. Foley to explain the difference between cash basis and accrual basis accounting. Ms. Foley stated under cash-basis accounting all transactions are recorded in the books when the cash actually changes hands. Under accrual accounting, expenses are recorded in the year the expenses are incurred even if they were paid in a different year. And revenues are recorded in the year they are for, even if they were received in a different year.

Mr. Hoffman noted the City adopted the GASB 54 Standard in 2011 which was related to fund balances. He explained that the City's fund balances are now classified as committed, restricted or unassigned. If the City wants to change commitments in the future Council would have to through resolution change of the City's Fund Balance Policy. The City's Fund Balance Policy adopted in 2011 established the threshold of maintaining a General Fund balance equal to 35 – 50 percent of the total General Operating Fund expenditures budgeted for the following year. He stated Staff, Mayor Kind and Councilmember Fletcher were all very cooperative throughout the audit. He noted no exceptions were identified. There was a \$20,000 transfer into the Bridge Capital Project Fund.

With regard to financial health, Mr. Hoffman explained during 2011 the balance increased approximately \$15,000, for an ending balance of approximately \$313,000. Revenues were approximately \$21,000 over budget mainly due to revenues from building permits. Expenses were approximately \$6,000 over budget again related to additional building inspections for the additional building permits. The Sewer Fund had an increase in expenses of approximately \$75,000 which was mainly due to the inflow and infiltration project. The City received an approximate \$34,000 grant (a 50 percent match) to help offset the project. In the General Fund Balance approximately \$283,000 (39.8 percent) are unassigned. Approximately \$27,000 is restricted for park dedication. The remainder is reserved for prepaids; it is not in a spendable form.

With regard to the Enterprise Funds, Mr. Hoffman stated the presentation contains a graph which shows what portion of both the Marina Fund and the Sewer Fund are spendable. Sewer expenses did increase as mentioned earlier. He noted the above mentioned grant was non-operating so it does not show up the revenue. The slight decline in revenue is due to the slight decline in the sewer rate in 2011. The Marina Fund reflects a slight increase in revenues due to the slight increase in the dock slip rental rate.

Ms. Foley stated as part of the audit internal controls are tested. She explained because the City's staff is so small it is very likely there will always be a weakness identified with internal controls. She reviewed the material weaknesses in internal control. They are oversight over the financial reporting process (this weakness is identified for approximately 90 percent of the firm's smaller clients), and limited segregation of duties with utility processing and for some aspects of the purchasing process. She explained they reviewed ideas about how to minimize the risks with City Staff, Mayor Kind and Councilmember Fletcher after the audit and those are identified in the Management Letter. Also, they reviewed ways to eliminate material audit adjustments for 2012. She noted they also gave the City an additional letter that was for information only.

Ms. Foley stated that Mr. Hoffman and she were willing to entertain any questions Council may have.

**Fletcher moved, Rose seconded, Accepting the Financial Statements and Supplementary Information for the Year Ended December 31, 2011, as presented by CliftonLarsonAllen. Motion passed 5/0.**

**Fletcher moved, authorizing the City of Greenwood adopt from the 2011 Financial Statements Section G in the Notes to Financial Statement section under Note 1: The Summary of Significant Accounting Policies as its Capital Assets Accounting Policy subject to adding "road rehabilitation with an estimated useful life of twelve years."**

Councilmember Fletcher noted that currently the City's roadways are depreciated over 40 years and he thought that is way too long. The new depreciation for roads would be in affect for the 2012 audit.

**Quam seconded. Motion passed 5/0.**

Mayor Kind thanked Ms. Foley and Mr. Hoffman for their efforts.

## **5. PUBLIC HEARING**

### **A. Annual Public Hearing for the City's Stormwater Pollution Prevention Program**

Zoning Administrator/Clerk Karpas explained that the City is classified as a municipal separate storm sewer system (MS4) by the Minnesota Pollution Control Agency (MPCA). The MS4 classification requires the City to develop and implement a Storm Water Pollution Prevention Program (SWPPP). The SWPPP must address six Minimum Control Measures (MCMs). They are: 1) public education and outreach on stormwater impacts; 2) public participation/involvement; 3) illicit discharge detection and elimination; 4) construction site stormwater runoff control; 5) post-construction stormwater management in new development and redevelopment; and, 6) pollution prevention/good housekeeping for municipal operations. Holding an annual public hearing on the SWPPP addresses one of them. The purpose is to take public comment on the City's current MS4 Permit. The SWPPP must be approved before the City can receive an MS4 permit for its storm sewer conveyance system. The current permit expires in July 2012. He noted that in the near future some of the requirements may change and the City will have to amend its permit.

**Quam moved, Rose seconded, opening the Public Hearing. Motion passed 5/0.**

There were no public comments.

**Rose moved, Fletcher seconded, closing the Public Hearing. Motion passed 5/0.**

## 6. UNFINISHED BUSINESS

### A. Planning Commission Appointments

Mayor Kind explained that the planning commission holds public hearings and makes recommendations to the city council regarding the zoning code. This includes recommendations on variance and conditional use permit applications. Each year three to four of planning commissioner terms expire. Terms are for two years and there is no limit to the number of terms that may be served. Planning Commission members are appointed by the Council during its March meeting and as needed to fill a vacancy. Residents were notified of term expirations during Council's December 6, 2011, meeting. The City published an article seeking applicants in the winter 2011-2012 edition of the City's quarterly newsletter. City residents interested in serving on the Planning Commission were asked to complete an application which was available at City Hall and on the City's website. New applicants are generally asked to attend the March Council meeting so Council can conduct a casual "interview." All the applicants are incumbents. They typically submit a letter and do not attend the Council meeting.

Kind then explained that the terms of Brian Malo, John Beal, Dave Paeper and Douglas Reeder expire in March 2012. All except Brian Malo have stated that they are willing to serve another 2-year term and have submitted letters or applications. As of the meeting no new applications have been received. Past protocol has been to reappoint commissioners that are willing to serve again, for alternate members to move up to voting positions that open up on the Planning Commission, and for new applicants to fill the alternate positions. Based on that protocol the new appointments would be: Douglas Reeder (2-year term, Seat A-1); John Beal (2-year term, Seat A-2); Dave Paeper (2-year term, Seat A-3); Kristi Conrad (2-year term, Alternate Seat 1); and, Alternate Seat 2 for a 1-year term remains open.

**Fletcher moved, Quam seconded, making the appointments of Douglas Reeder (2-year term, Seat A-1); John Beal (2-year term, Seat A-2); Dave Paeper (2-year term, Seat A-3); and, Kristi Conrad (2-year term, Alternate Seat 1) to the City of Greenwood Planning Commission and directing that the Oath of Office be administered to them during the next Planning Commission Meeting. Motion passed 5/0.**

Mayor Kind thanked the newly appointed Planning Commissioners for serving the community.

### B. Recognizing Outgoing Planning Commissioner Brian Malo

On behalf of the Council and the residents of Greenwood, Mayor Kind thanked Brian Malo for his two plus years of service as a Planning Commissioner. She noted that Mr. Malo was not present this evening.

**Fletcher moved, Quam seconded, Adopting RESOLUTION NO. 04-12, "A Resolution Recognizing the Planning Commission Contribution of Brian Malo" and directing the City Clerk to mail an original signed copy of the Resolution to Mr. Malo. Motion passed 5/0.**

### C. Greenwood Park Skating Rink

Mayor Kind explained that during Council's January 4, 2012, meeting Greenwood Park neighbor Kristi Conrad approached the Council about the idea of creating a skating rink on the pond at the park. She stated that the neighbors would be willing to flood and maintain the rink if the City would clean out the fallen trees, branches, and other debris in the dry pond bed. Since the January 4 meeting Kind learned

from a representative at the League of Minnesota Insurance Trust that the City's insurance would not allow the neighbors to maintain the rink at the Park.

Councilmember Quam asked if that meant the City would not be insured if the residents maintained the rink. Mayor Kind responded that is correct.

Mayor Kind explained that during the January 4<sup>th</sup> meeting Council directed the City Clerk to secure estimates for the cost to clean up the pond. No estimates were received in time for Council's February 1<sup>st</sup> meeting so the topic was continued to this meeting. The City has received a \$440 quote to clean out the pond from Cornerstone Industries, noting the City contracts with that company for trail plowing and signage work. She noted the quote is contingent on the ground being frozen. She stated the meeting packet contains a copy of an excerpt from an email from Deephaven City Administrator Young containing an estimate of approximately \$3,660 to flood the pond bed to same standards Deephaven keeps its rinks at. She noted that earlier this evening Council was emailed a proposal from Shawn Conrad on behalf of Allen Hanson (a Greenwood resident) quoting a cost of \$1,650 to clean out the pond.

Kind asked Council how it would like to proceed.

Councilmember Page recommended cleaning out the pond and deciding about whether or not to have a skating rink in late summer or early fall.

Mayor Kind asked if Council wants to have the fallen trees, branches and other debris removed from the dry pond bed or just those things that are not natural (e.g., the brush pile in the center of the pond).

Councilmember Fletcher explained the quote from Cornerstone Industries includes removing all of the brush, down trees, three or four treated railroad ties, etc. and hauling it away for disposal.

Councilmember Page noted the difference between the two quotes is significant.

Mayor Kind stated she thought it would make sense to at least have the brush pile cleaned out and that the \$440 price seems reasonable.

**Quam moved, Page seconded, accepting the estimate from Cornerstone Industries in the amount of \$440 to clean up the pond in Greenwood Park and authorizing that it be paid out of the General Fund. Motion passed 5/0.**

#### **D. Potential Sump Pump Program**

Mayor Kind explained that during its February 1, 2012, meeting Council discussed the possibility of conducting a new sump pump program in light of the recent excess flow problem from a Channel Drive property. The last sump pump program was conducted in 2006. The program is outlined in Section 310.30, subd. 5(d) of the City Code, noting a copy of it is included in the meeting packet. It is believed that in 2006 property owners were asked to complete a form to certify that their sump pump was not hooked up to the sewer system. But it is believed there was no follow up with on-site inspections of properties whose owners did not return the certification form. She related that it is the City Attorney's recollection that the then council thought in-home inspections were seen as intrusive and costly so it chose to focus on repairing manholes and so forth instead.

Kind then explained Council's discussion during its February 1<sup>st</sup> meeting centered on whether the Channel Drive property's excess flow was caused by a sump pump. Council directed Zoning

Administrator/Clerk Karpas to do an on-site inspection. He conducted it on February 16<sup>th</sup>, noting she went along. The property is currently for sale. The house is vacant; it has been winterized and the water has been turned off. The sump pump basket was dry with no water flowing. On that same day the Karpas asked the City's "sewer guy" (Randy) to stop by the property to check to see if water was running into the manhole. Randy determined there was not. The realtor's plumber was at the property when Randy was there. The plumber told Randy that the excess flow issue may be caused by the water softener regenerating, but he wouldn't be able to say for sure until the water is turned back on. For the time being, the surcharge to the property's sewer bill has been removed. This will be reviewed again after the water is turned back on.

Kind went on to explain that during its February 1<sup>st</sup> meeting Council also directed Karpas to contact Metropolitan Council Environmental Services (MCES) to get information about what the City's typical flow into the Metropolitan Sanitary Sewer System has been for the previous five years. A copy of that information for 2005 – 2012 and a rain event report from August 2012 are included in the meeting packet. Council wanted the information to help determine if the City's inflow and infiltration (I/I) projects have helped reduce the flow.

Kind also explained that based on the information provided, it is not clear how much the City's total volume has been reduced by the I/I projects completed in recent years. The information reflects there are fluctuations in total volume from year to year which can be interpreted to mean that there is some amount of stormwater and the related sump pump flow going into the sanitary sewer system. For example, the City's wastewater volume billed in 2012 is 16.82 million gallons; an increase from 13.84 million gallons billed in 2011. The volumes billed are for the period July 2010 – June 2011 and July 2009 – June 2010 respectively. She noted the City completed another I/I project after June 2011 and stormwater flow into the system may have been reduced.

Kind stated that based on the information obtained Council may want to conduct a new sump pump program to reduce the amount of money the City is paying to treat clean sump pump water. Or, it may want to wait to make that decision until another year's worth of total volume information is available to assess the impact of the 2011 I/I projects.

Councilmember Fletcher suggested continuing this until the April Council meeting. He stated he had contacted Planning Commissioner Bill Cook to talk about I/I, noting Cook is employed by the Metropolitan Council and has some experience with this. He noted that Cook was out of state and Cook indicated he would speak with Fletcher upon his return.

Councilmember Quam supported continuing this to the April Council meeting.

**Fletcher moved, Quam seconded, continuing the discussion about a potential sump pump program to Council's April 4, 2012, meeting. Motion passed 5/0.**

## **7. NEW BUSINESS**

### **A. Response to Potential Hennepin County Policy to Charge 911 Fees to Cities**

Mayor Kind explained the City received a letter from Hennepin County Sheriff Stanek regarding 911 dispatch fees. A copy of the letter is included in the meeting packet. Currently the fees are not charged back to cities. The Hennepin County Board of Commissioners (the Board) is considering changing the policy so that fees will be charged back to cities. Sheriff Stanek has indicated that he does not support such a change in policy. Stanek encouraged member communities to let their representatives on the Board

know that they want no change to the current dispatch policy. The City's representative is Commissioner Jan Callison. It is anticipated that the Board will make a decision regarding this potential policy change during 2012.

Kind noted that Commissioner Callison hosted a Lake Minnetonka Mayors' Breakfast on February 3, 2012. During that gathering this topic was discussed. She explained that currently every city in Hennepin County shares in the Sheriff's Office 911 Emergency Communications Center (the Center) expense via property taxes. Commissioner Callison explained that some cities (e.g., Minneapolis, Edina, and Minnetonka) have their own 911 service centers and are therefore paying twice for 911 services. These cities have asked the Board to make a change in policy so that only the cities that use the 911 service pay for the service.

Kind stated that if cities are charged for their 911 use, theoretically Greenwood would benefit because its tax capacity is high compared to its percentage of use. Adding 911 service charges to the City's General Fund budget would mean that other City spending would need to be reduced or City taxes would need to be increased to cover the added expense. She commented that it is unlikely there would be a corresponding reduction in County taxes paid by Greenwood residents.

Kind explained that the South Lake Minnetonka Police Department (SLMPD) Coordinating Committee discussed 911 fees during its February 8, 2012. During that meeting SLMPD Chief Bryan Litsey noted that he had anticipated this issue may come up. Therefore, Litsey and Excelsior Fire District (EFD) Scott Gerber had recommended each of the South Lake cities add a stipulation regarding costs to the resolutions they adopted supporting a new 911 Sheriff's Office 911 Center. A copy of the City's adopted resolution is included in the meeting packet. Litsey had pointed out 911 dispatch service is a basic service that should be provided by the County, and if cities choose to pay a premium to have their own 911 service that is their choice.

Councilmember Quam clarified that those cities that have their own 911 dispatch service centers basically pay for those services twice. Councilmember Fletcher stated that is correct. Mayor Kind commented that same argument could be made for police services. The City is paying for Hennepin County Sheriff Department services and it is paying for SLMPD police services.

Councilmember Fletcher stated that if the County decides to charge municipalities for 911 dispatch services the municipalities may want to consider purchasing dispatch services from someone other than the County.

Councilmember Page stated if the City decides to purchase dispatch services from another organization residents will still pay for the Sheriff's Office 911 the Center expense through the general County tax. He questioned why Council would want there to be an extra charge.

Councilmember Quam suggested the City send a letter to Commissioner Callison expressing the Council's desire to have the Sheriff's Office continue with the current dispatch policy.

Councilmember Fletcher stated he preferred to do nothing.

**Page moved, Quam seconded, asking Mayor Kind to write and send a letter on behalf of Council to Hennepin County Commissioner Callison expressing the City's desire to have no changes to the Sheriff's Office 911 dispatch policy. Motion passed 4/1 with Fletcher dissenting.**

Councilmember Fletcher stated he thought cities who use the 911 service should pay for the service, so he supports a change in policy to bill 911 fees to cities. He said residents will probably end up paying more taxes to the City, but less to the County. Also, the City would have choices. Mayor Kind stated she agreed with Councilman Fletcher and would be in favor of charging the cities for 911 service if she believed there would be a corresponding reduction in County taxes.

## **B. Conduit Financing for Wayzata Bay Project**

Mayor Kind stated the meeting packet contains a copy of a letter dated February 3, 2012, from John Utley, with Kennedy and Graven, regarding conduit financing for the Wayzata Bay Project (the Project).

Kind explained Mr. Utley came before Council during its February 1, 2012, meeting to discuss the possibility of Greenwood issuing \$10 million of bank-qualified conduit bonds to assist in financing the Project for Wayzata Bay Senior Housing, Inc., the company formed to undertake the development of the Project. That discussion is detailed in the minutes of that meeting. If Greenwood participates at the maximum \$10 million level, the City would receive a minimum of \$12,500 and up to as much as \$50,000 as an administrative fee payable on the date of the issuance of the bonds. The City also would be reimbursed for legal costs. According to Mr. Utley there is no risk to the City. Cities participating in the financing would have to publish notice, hold a public hearing, and approve a resolution that would be provided by Kennedy Graven.

Kind stated that during the February 1<sup>st</sup> meeting Council decided to continue the item to this meeting to allow the City Attorney time to review the concept and advise Council. She explained Attorney Kelly suggested Council consult with an attorney who specializes in municipal financing, and he recommended contacting Tim Keane with Malkerson Gunn Martin. She noted that a copy of Mr. Keane's proposal letter is included in the meeting packet.

Kind explained the latest news from Mr. Utley is that the City of Wayzata may decide to issue regular tax-exempt (not bank-qualified) bonds for the entire Project. Therefore, participation from other cities may not be needed because regular tax-exempt bonds do not have a \$10 million limit like bank-qualified tax-exempt bonds do. There is a possibility the Project will be financed through a combination of bank-qualified and regular tax-exempt bonds. Mr. Utley has indicated the decision will be made in March. Mr. Utley also indicated that if Wayzata Bay Senior Housing decides to go with some or all bank-qualified bonds, participating cities would need to move fairly quickly. Mr. Utley thought Greenwood would be one of the first cities contacted because it expressed interest early on. She stated based on that it may be prudent for the Council to authorize the engagement of Mr. Keane in the event his services are needed.

Councilmember Fletcher stated if the City engages with Mr. Keane and after his doing some work Wayzata Bay Senior Housing decides to go a different direction with financing the City is out \$2,000 – \$3,000. He then stated he prefers to do nothing.

Councilmember Page stated he is not in favor of the City participating in the financing should the opportunity present itself. He is opposed to the City lending \$10 million in bonds. Mayor Kind clarified the City would not be lending \$10 million. Page stated he is not in favor of lending a good name for a project in the Wayzata that a private developer is doing.

Councilmember Fletcher noted that for this he is a do nothing person. He stated these are revenue bonds in theory and therefore there is no risk. But he still does not want to move forward with this.

Mayor Kind stated that Attorney Kelly has told her that these bonds are as good as they sound based on discussions with Mr. Keane. Kelly noted he and Mr. Keane did not engage in an in-depth conversation. Kelly stated he is not prepared to ride on the casual conversation he had with Mr. Keane. Kelly recommended that if Council wants to pursue this farther it should hire legal counsel that specializes in this.

**Kind moved, authorizing the City to engage the services of Tim Keane to advise the Council if the option opens up for the City to possibly participate in bank-qualified tax-exempt conduit bond financing of the Wayzata Bay Project with the cost not to exceed \$3,000 for Mr. Keane's services and with the cost being paid for out of the General Fund with the understanding that this cost shall be reimbursed to the City if the City participates in the financing. Motion died for lack of a second.**

Mayor Kind stated she thought Council should entertain anything where the City can get free money; up to \$50,000.

### **C. Procedure for Authorization of City Expenditures**

Mayor Kind explained the City's auditors would like Council to establish an official policy regarding the authorization of City expenditures. Currently when a need for an expenditure is identified the city clerk contacts the mayor to get verbal approval before authorizing the work on behalf of the City. According to the auditors this basic procedure is acceptable, but expenditure orders should be documented and the procedure should be made official by a Council motion. The meeting packet contains a copy of a proposed "expenditure log sheet."

Kind reviewed the proposed procedure for approving City expenditures for Council's consideration. They are: a) When a need is determined, the city clerk may write a work order or make a purchase for expenditures up to \$500. b) If the expenditure is larger than \$500, the city clerk must contact the mayor or mayor pro tem for approval. The mayor or mayor pro tem will review the budget and give verbal approval or denial as the case may be. c) The city clerk documents all expenditures on an "expenditure log sheet." d) The mayor or mayor pro tem compares invoices with the expenditure log sheet and approves, dates, and initials all invoices.

**Quam moved, Fletcher seconded, authorizing the proposed procedure for approving City expenditures.**

Councilmember Fletcher recommended inserting an item between the current item b and item c. The new item c would read "If the city clerk or public works is unable to contact the mayor or mayor pro tem regarding an emergency expenditure exceeding \$500 for which need has been determined they may write a purchase order or make a purchase without prior approval." He noted that it still has to be documented.

Councilmember Quam suggested that item d be changed to read "... and must approve, date, and initial all invoices."

**Without objection from the maker and seconder, the motion was amended to insert an item between the proposed item b and item c that reads "If the city clerk or public works is unable to contact the mayor or mayor pro tem regarding an emergency expenditure exceeding \$500 for which need has been determined they may they may contact any other council member for approval." and changing the new item f to read "The mayor or mayor pro tem compares invoices with the expenditure log sheet and must approve, date, and initial all invoices." Motion passed 5/0.**

**D. Election Precincts and Polling Places**

Zoning Administrator/Clerk Karpas explained that Minnesota statute section 204B.14, subd. 3 (d) requires that precinct boundaries must be reestablished within 60 days of when the legislature has been redistricted or at least 19 weeks before the state primary election, whichever comes first. The polling place will again be the Old Log Theater. The meeting packet contains a draft copy of resolution to comply with the law for the Council's consideration.

Councilmember Fletcher asked what happens if the Old Log Theater property is sold. Zoning Administrator/Clerk Karpas responded the City will worry about that when it happens, noting he has spoken to another business owner in the City about potentially having the polling place there.

**Quam moved, Fletcher seconded, Adopting RESOLUTION NO. 05-12, "A Resolution Establishing Precincts and Polling Places." Motion passed 5/0.**

**E. Hennepin County Assessor Contract Extension**

Mayor Kind explained the meeting packet includes a copy of the 2011-2012 agreement with Hennepin County to provide assessor services for the City. The contract is through July 31, 2012. Prior to Council approving the most recent contract in August 2010, Council researched other options for assessor services. It was unable to find anyone willing to submit a proposal. Since then former County Assessor Bill Davey has started to provide assessment services to cities. Mr. Davey participated in the valuation of Greenwood properties in the past. There is no reason to believe he would take a different approach if the City was to contract with him.

Kind then explained that paragraph 11 of the 2011-12 agreement states that either party may initiate an extension of the agreement for a term of two years by giving the other written notice of its intent to so extend no less than 150 days prior to the termination of the agreement (March 3, 2012). The City received written notification of intent from Hennepin County Assessor James Atchison on February 1, 2012. The City needs to respond by April 12, 2012 if Council decides not to extend the agreement. If the City does not respond the contract will be extended through July 31, 2014. She stated she thought it would be courteous to respond.

**Fletcher moved, Page seconded, authorizing Mayor Kind to send written notice to the Hennepin County Assessor stating the City approves extending the 2011-2012 agreement to provide assessor services through July 31, 2014.**

Mayor Kind stated if she thought there was a chance to find someone other than the Hennepin County to provide assessor services she would try.

**Motion passed 5/0.**

**F. Hennepin County Recycling Program**

Zoning Administrator/Clerk Karpas noted the City has not received a model resolution from Hennepin County for the County's new recycling program. He explained County representatives have stated adopted resolutions are to be submitted by March 2012 but cities don't have to worry about it because the County is the delay.

This item will be placed on Council's April 4, 2012, meeting agenda for consideration.

**8. OTHER BUSINESS**

**A. None**

**9. COUNCIL REPORTS**

**A. Fletcher: Planning Commission, Lake Minnetonka Communications Commission, Excelsior Boulevard Water Project, Excel PRT Tree Project**

With regard to the Planning Commission, Councilmember Fletcher stated there is nothing for him to report this month. He noted there will not be a Commission meeting this month.

With regard to the Lake Minnetonka Communications Commission (LMCC) activities, Fletcher stated there is nothing significant to report.

With regard to the Excelsior Boulevard Street and Water project, Fletcher stated Greenwood Excelsior Boulevard residents have raised enough funds to hire the City of Excelsior's engineer to do the initial engineering work for extending Excelsior municipal water system along Excelsior Boulevard to about twelve properties in Greenwood. He recently learned the Met Council would like to know by May if the Greenwood residents want to move forward with the water extension. If there is substantial resident interest this may be on Council's April 4, 2012, meeting agenda for discussion.

With regard to the Xcel Energy LRT Project, Fletcher stated the meeting packet contains a copy of an Xcel Energy Notice of Certificate of Need regarding Xcel Energy's 115 kilovolt transmission line upgrade.

**B. Kind: Police, Administration, Freshwater Society Mayor Meetings, Website**

With regard to the South Lake Minnetonka Police Department, Mayor Kind stated the SLMPD Coordinating Committee met on February 8, 2012. She highlighted the meeting. The SLMPD has moved cash investments from the 4M Fund (Minnesota Municipal Money Market Fund) to Beacon Bank to improve its investment earnings. There is nothing new to report on a common animal control ordinance for SLMPD member cities. She noted the individual responsible for recent residential daytime burglaries in the City was arrested on February 6, 2012. SLMPD Detective Sergeant Steve Neururer and Detective Mike O'Keefe joined forces with their counterparts in other communities experiencing similar burglaries to find the individual. She reviewed some of the details of his arrest. She noted the individual had been on parole and therefore his bail was set higher. She expressed the City's and the City's residents' gratitude to all law enforcement people involved in solving the case.

With regard to administration, Kind reminded Council that the pre-board meeting with the assessors is scheduled for 6:00 P.M. April 4<sup>th</sup>, the Local Board of Appeal and Equalization meeting is scheduled for 6:00 P.M. April 12<sup>th</sup>, and the subsequent Board of Appeal and Equalization meeting is scheduled for 6:00 P.M. April 26<sup>th</sup>. There is a work session scheduled with the Excelsior City Council for April 10<sup>th</sup> at 7:00 P.M. in the Deephaven Council Chambers to talk about the St. Alban's Bay Bridge. There is a meeting schedule for tomorrow morning at 8:30 A.M. to talk about total maximum daily load.

Councilmember Page asked how the work session with the Excelsior City Council came about. Mayor Kind stated Excelsior's engineer is presenting information about the Bridge and this Council was invited to hear the presentation.

With regard to mayors meetings, Kind noted she attended a mayors meeting with Hennepin County Commissioner Jan Callison on February 3<sup>rd</sup>. State Senator Gen Olson, State Representative Connie Doepke, Hennepin County Sheriff Rich Stanek, and Hennepin County Attorney Mike Freeman were also in attendance. She stated Representative Doepke indicated she is forming an aquatic invasive species caucus with members from both major political parties. She noted that Representative Doepke has decided to run for outgoing Senator Olson's seat. She learned: the City of Orono is researching the possibility of a composting program; the City of Long Lake is considering purchasing land next to its City Hall; and the City of Wayzata is researching a scenic bypass loop around Lake Minnetonka. She attended a mayor lunch on February 8<sup>th</sup> where she learned the City pays almost \$54,000 in taxes to the Minnehaha Creek Watershed District. She questioned what the City is getting for that money.

Kind noted that Councilmember Fletcher has applied to be on the Minnehaha Creek Watershed District Board of Managers.

Kind highlighted usage statistics about the City's website [www.greenwoodmn.com](http://www.greenwoodmn.com). She commented that residents learned about the burglaries from the City's email system before hearing about it by word of mouth.

**C. Page: Lake Minnetonka Conservation District**

Councilmember Page reported on Lake Minnetonka Conservation District (LMCD) activities. He noted that earlier in the day he spent time reviewing the LMCD's 2011 audit. He explained revenues were higher than budget primarily due to increased fine revenue from violations of the LMCD Ordinance. The extra revenues helped fund the purchase of a new harvester. The LMCD received one-half of the insurance reimbursement it is due when it placed the order for the new harvester and it will receive the remainder when it takes possession of the harvester. He stated the LMCD held a training session for new members. The new members are from the Cities of Mound, Shorewood and Tonka Bay. There may be a fourth new member. Some relatively new members also attended the training session.

**D. Quam: Roads & Sewer, Minnetonka Community Education**

Councilmember Quam stated the City's roadways will be inspected in early April to assess how they weathered the winter season. He then stated he will speak with Engineer Martini to review what remains to be done with regard to inflow and infiltration improvements to the sewer system. He indicated he thought that overall project should be finished. Councilmember Fletcher suggested waiting until the Council hears from Planning Commission Bill Cook about the City's I/I. Mayor Kind stated if the improvements have not reduced the amount of flow into the system it may not be worthwhile to continue making those types of improvements. Quam stated the flaws should be fixed because eventually they will cause more of a problem. He noted he will update Council on what he learns from Martini during Council's April meeting. Councilmember Page asked if anyone knows how the snowmelt near the Old Log Theater property has been flowing. Kind stated she thought it was flowing very well.

**E. Rose: Excelsior Fire District**

Councilmember Rose stated there has not been Excelsior Fire District (EFD) Board meeting since the last Council meeting.

**10. ADJOURNMENT**

**Page moved, Quam seconded, Adjourning the City Council Regular Meeting of March 7, 2012, at 8:28 P.M. Motion passed 5/0.**

**RESPECTFULLY SUBMITTED,**  
**Christine Freeman, Recorder**

**Greenwood City Council  
Worksession Minutes**

6:30 pm, Wednesday, March 7, 2012  
Deephaven City Hall ~ 20225 Cottagewood Avenue ~ Deephaven, MN 55331

1. Call to Order/Roll Call/Approval Agenda

Mayor Kind called the meeting to order at 6:30 pm.

Council members present: Fletcher, Page, Quam and Rose  
Others present: City Clerk Karpas and Tree Inspector Manuel Jordan

Quam moved to approve the agenda. Second by Fletcher. Motion carried 5-0.

2. Diseased Trees Discussion with Tree Inspector Manuel Jordan

Mayor Kind introduced Manuel Jordan to the Council as the Tree Inspector for the City of Greenwood.

Mr. Jordan said he wanted to discuss a number of items with the Council including common threats to trees within the city which include diseases, insects and storms. He discussed the types of diseases which could be in the city and need to be addressed. He said the most common diseases are Dutch Elm Disease, Oak Wilt and Thousand Canker disease.

He discussed the types of insects that have killed many trees throughout the country and are now impacting trees in the city. They include the Emerald Ash Borer, Gypsy Moth and Asian Longhorned Beetle. He described the different impact they have on the health of trees.

Mr. Jordan discussed steps that could be taken by the city to address the tree damage caused by storms. He suggested the city do a tree inventory to help manage tree risk. He suggested that the city license tree contractors within the city to help verify they are up to date with the different tree related issues in the state.

Mr. Jordan said he was seeking direction for the Council on how to address issues related to trees and suggested the city adopt a policy whether it's proactive or reactive. This will help provide him with an idea on how aggressive he needs to be to address tree issues in the city.

The final item Mr. Jordan spoke about were resources available to the city including funding and grants to combat disease.

Mayor Kind summarized the discussion and policy options available to the city and noted this item would be on the April Council agenda.

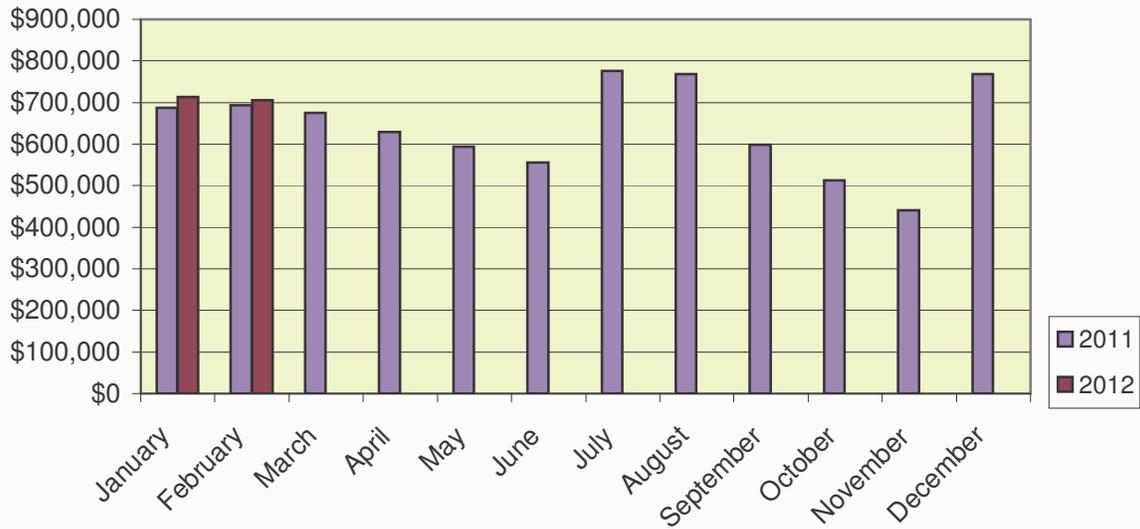
3. Adjournment

Page moved to adjourn. Second by Quam. Motion carried 5-0. Meeting adjourned at 6:58 pm.

Respectfully submitted  
Gus Karpas  
City Clerk

Pay Per Date	Jrnl	Check Date	Check Number	Payee	Emp No	Description	GL Account	Amount
04/01/12	PC	04/01/12	4011201	Debra J. Kind	34		001-10101	277.05
04/01/12	PC	04/01/12	4011202	Fletcher, Thomas M	33		001-10101	84.70
04/01/12	PC	04/01/12	4011203	H. Kelsey Page	35		001-10101	184.70
04/01/12	PC	04/01/12	4011204	Quam, Robert	32		001-10101	184.70
04/01/12	PC	04/01/12	4011205	William Rose	36		001-10101	184.70
Grand Totals:								<u>915.85</u>

## City of Greenwood Monthly Cash Summary



Month	2011	2012	Variance with Prior Month	Variance with Prior Year
January	\$686,781	\$712,814	-\$56,305	\$26,033
February	\$693,859	\$704,873	-\$7,941	\$11,014
March	\$675,719	\$0	-\$704,873	-\$675,719
April	\$629,569	\$0	\$0	-\$629,569
May	\$593,928	\$0	\$0	-\$593,928
June	\$555,064	\$0	\$0	-\$555,064
July	\$776,650	\$0	\$0	-\$776,650
August	\$768,223	\$0	\$0	-\$768,223
September	\$599,139	\$0	\$0	-\$599,139
October	\$512,188	\$0	\$0	-\$512,188
November	\$440,946	\$0	\$0	-\$440,946
December	\$769,119	\$0	\$0	-\$769,119

Bridgewater Bank Money Market	\$491,145
Bridgewater Bank Checking	\$10,557
Beacon Bank CD	\$60,000
Beacon Bank Money Market	\$143,071
Beacon Bank Checking	\$100
<hr/>	
	\$704,873

### **ALLOCATION BY FUND**

General Fund	\$209,084
General Fund Designated for Parks	\$27,055
Bridge Capital Project Fund	\$59,970
Stormwater Special Revenue Fund	\$7,303
Sewer Enterprise Fund	\$371,637
Marina Enterprise Fund	\$29,824
<hr/>	
	\$704,873

Check Issue Date(s): 03/01/2012 - 03/31/2012

Per	Date	Check No	Vendor No	Payee	Check GL Acct	Amount
03/12	03/09/2012	10531	9	CITY OF DEEPHAVEN	101-20100	5,091.82
03/12	03/09/2012	10532	795	FRED & LOIS PARDUHN	101-20100	1.00
03/12	03/09/2012	10533	3	KELLY LAW OFFICES	101-20100	1,219.00
03/12	03/09/2012	10534	757	LarsonAllen, LLP	101-20100	8,000.00
03/12	03/09/2012	10535	105	METROPOLITAN COUNCIL ENV SERV	602-20100	2,598.16
03/12	03/09/2012	10536	701	Popp Telecom	101-20100	84.40
03/12	03/09/2012	10537	38	SO LAKE MINNETONKA POLICE DEPT	101-20100	14,376.58
03/12	03/09/2012	10538	136	Sun Newspapers	101-20100	254.79
03/12	03/09/2012	10539	797	TONKA PRINTING COMPANY	101-20100	236.19
03/12	03/09/2012	10540	745	Vintage Waste Systems	101-20100	1,568.40
03/12	03/09/2012	10541	796	WILLIAM & BEVERLY WRIGHT	101-20100	1.00
03/12	03/09/2012	10542	145	XCEL	602-20100	185.92
03/12	03/27/2012	10543	51	BOLTON & MENK, INC.	502-20100	79.00
03/12	03/27/2012	10544	742	Marco, Inc.	101-20100	212.15
03/12	03/27/2012	10545	798	RAINBOW TREECARE COMPANY	101-20100	1,504.53
03/12	03/27/2012	10546	136	Sun Newspapers	101-20100	251.80
03/12	03/27/2012	10547	145	XCEL	101-20100	403.75
Totals:						<u>36,068.49</u>

Dated: \_\_\_\_\_

Mayor: \_\_\_\_\_

City Council: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

City Recorder: \_\_\_\_\_

Vendor	Vendor Name	Invoice No	Description	Inv Date	Net Inv Amt
<b>BOLTON &amp; MENK, INC.</b>					
51	BOLTON & MENK, INC.	0145871	2012 MISC ENGINEERING FEES	02/29/2012	79.00
Total BOLTON & MENK, INC.					79.00
<b>CITY OF DEEPHAVEN</b>					
9	CITY OF DEEPHAVEN	FEBRUARY 2012	RENT & EQUIPMENT	03/08/2012	542.95
			Postage		38.25
			COPIES		.20
			SNOW PLOWING/SANDING/SALT		1,142.34
			STREETS		487.56
			Clerk Services		2,514.40
			ZONING - JAN		148.19
			ZONING - FEB		217.93
Total CITY OF DEEPHAVEN					5,091.82
<b>FRED &amp; LOIS PARDUHN</b>					
795	FRED & LOIS PARDUHN	030812	TREE REMOVAL ACCESS AGRMT	03/08/2012	1.00
Total FRED & LOIS PARDUHN					1.00
<b>KELLY LAW OFFICES</b>					
3	KELLY LAW OFFICES	5961	GENERAL LEGAL	02/28/2012	621.00
		5962	LAW ENFORCE PROSECUTION	02/28/2012	598.00
Total KELLY LAW OFFICES					1,219.00
<b>LarsonAllen, LLP</b>					
757	LarsonAllen, LLP	990684	2011 AUDIT	02/27/2012	8,000.00
Total LarsonAllen, LLP					8,000.00
<b>Marco, Inc.</b>					
742	Marco, Inc.	199078452	Copier lease	03/14/2012	212.15
Total Marco, Inc.					212.15
<b>METROPOLITAN COUNCIL ENV SERV</b>					
105	METROPOLITAN COUNCIL ENV SE	0000983672	Monthly wastewater Charge	03/02/2012	2,598.16
Total METROPOLITAN COUNCIL ENV SERV					2,598.16
<b>Popp Telecom</b>					
701	Popp Telecom	992001469	Local, Long dist. & DSL	01/31/2012	42.09
		992008356	Local, Long dist. & DSL	02/29/2012	42.31
Total Popp Telecom					84.40
<b>RAINBOW TREECARE COMPANY</b>					
798	RAINBOW TREECARE COMPANY	1193942	TREE REMOVAL @ 5040 GWD CIR	03/14/2012	1,504.53
Total RAINBOW TREECARE COMPANY					1,504.53
<b>SO LAKE MINNETONKA POLICE DEPT</b>					
38	SO LAKE MINNETONKA POLICE DE	MARCH 2012	2012 OPERATING BUDGET EXP	03/01/2012	14,376.58

Vendor	Vendor Name	Invoice No	Description	Inv Date	Net Inv Amt
Total SO LAKE MINNETONKA POLICE DEPT					14,376.58
<b>Sun Newspapers</b>					
136	Sun Newspapers	1091990	Ord #207	02/16/2012	215.82
		1093092	GRWD SWPPP	02/23/2012	38.97
		1096038	Ordinance #202	03/15/2012	89.93
		1096040	Ordinance #208	03/15/2012	161.87
Total Sun Newspapers					506.59
<b>TONKA PRINTING COMPANY</b>					
797	TONKA PRINTING COMPANY	4244	LETTERHEAD & ENVELOPES	02/17/2012	236.19
Total TONKA PRINTING COMPANY					236.19
<b>Vintage Waste Systems</b>					
745	Vintage Waste Systems	022712	City Recycling Contract	02/27/2012	1,568.40
Total Vintage Waste Systems					1,568.40
<b>WILLIAM &amp; BEVERLY WRIGHT</b>					
796	WILLIAM & BEVERLY WRIGHT	030812	TREE REMOVAL ACCESS AGRMT	03/08/2012	1.00
Total WILLIAM & BEVERLY WRIGHT					1.00
<b>XCEL</b>					
145	XCEL	022812	Sleepy Hollow Road *	02/28/2012	9.61
			4925 MEADVILLE STREET *		9.65
			SIREN		4.00
			LIFT STATION #1		33.55
			LIFT STATION #2		28.44
			LIFT STATION #3		21.34
			LIFT STATION #4		26.32
			LIFT STATION #6		53.01
		030512	Street Lights *	03/05/2012	403.75
Total XCEL					589.67

Total Paid: 36,068.49

Total Unpaid: -

Grand Total: 36,068.49



Agenda Number: **4A**

Agenda Date: 04-04-12

**Agenda Item:** City Tree Inspector Manuel Jordán: City's Policy Regarding Tree Diseases & Insect Threats

**Summary:** As a follow up to the 03-07-12 worksession, city tree inspector Manuel Jordán has asked the council to set a policy regarding tree diseases and insect threats. The options include:

1. Tag affected trees for removal in response to complaints only.
2. Tag affected trees for removal in response to complaints;  
and tag any affected trees observed by the tree inspector while in the city.
3. Tag affected trees for removal in response to complaints;  
and tag any affected trees observed by the tree inspector while in the city;  
and establish a tree inventory program with ongoing maintenance surveys of public and private disease centers.

**Council Action:** None required. Possible motions ...

1. I move the council approves option \_\_\_\_ above as the city's policy regarding tree diseases and insect threats.
2. Do nothing.

## Insect & Disease Threats to the City of Greenwood 's Urban Forest

### A. MAJOR THREATS ON THE HORIZON

#### 1. *Diseases:*

- **Dutch Elm Disease (DED)** – Still a threat with more than 56 communities around state reporting an alarming increase in number of sick elms. Sanitation is best community weapon for management
- **Oak Wilt (OW)** – Continues to fester in many suburban and rural communities in Metro area. New disease centers are difficult to eradicate without coordination of individual property owners. Sanitation and timing of pruning (avoid during growing season) are crucial for management.
- **Thousand Canker Disease** – Affects walnuts. We have over 6 million in MN (mainly southern MN). Not present yet in MN but has potential to be devastating to native walnuts

#### 2. *Insects:*

- **Emerald Ash Borer (EAB)** – Has destroyed millions of ash trees in the Midwest and has arrived in MN. State-wide it cost municipalities, property owners, nursery operators and forest-products industries tens of millions of dollars. MN has more than 998 million ash trees in forests, communities (ash trees make up about 15% of urban trees in MN) and agricultural areas throughout the state.
- **Gypsy Moth** – Defoliates whole forests (wide range of species it likes), year after year, slowing growth making sensitive species more prone to other pathogens. Has a toe-hold in Cook and Lake Counties and had been routinely sprayed for in local metro areas (closest is in Minnetonka)
- **Asian Longhorned Beetle (ALB)** – Has potential to destroy 1.2 billion trees in USA, wiping out entire genera from an area. Prefers maples, elms and willows but has a wide range it can feast on

#### 3. *Storms:*

With the changing of global and local climate, weather experts say to expect more storms with a higher degree of severity. So preparing for the storm is a MUST, as it not a question of 'IF' but 'WHEN'. Several recommended steps and actions to consider:

- City Tree Inventory - to help develop plans to manage tree risk (USFS Document), quantify benefits (i-Tree Software), maintain current canopy

cover, improve local tree resistance to ice and snow storms, and maximize limited resources

- City License for Contractors – keep ‘vultures’ out of town after event
- Develop Mutual Aid Agreements with other local municipalities and large commercial companies with experience in disaster cleanup
- Develop Media Kit for Public (before and after the event)

## B. POLICY & PROTOCOL OPTIONS

Pro-Active Program vs. a Reactive Program (Complaint Basis): Council must decide how to approach tree issues. For *Insect and Disease* programs this may include routine surveys to scout for disease centers (3x/growing season). For *Storm Preparedness* this would require an inventory and then some ‘maintenance’ surveys of most important roads and infrastructure areas (see USFS Risk Mgmt. Community Guide)

## C. RESOURCES

1. **Funding/Grants:** The MN DNR has grants Community Forest Bonding Grants to help with removal and replacement of EAB-infested public ash trees and replacement of trees lost to storms (Note that it REQUIRES a City to be a Tree City USA). Website:

<http://www.dnr.state.mn.us/grants/forestmgmt/commforestbondgrant/index.html>

To qualify for Tree City USA, you must meet 4 standards: (Website:

<http://www.arboday.org/programs/treeCityUSA/standards.cfm> )

1. Tree Board or Department
2. Tree Care Ordinance
3. Community Forestry Program with an annual budget of at least \$2/capita
4. Arbor Day Observance and Proclamation

### 2. Websites:

Minnesota Department of Agriculture (lots on pests/diseases and also State Tree Care Registry): <http://www.mda.state.mn.us/plants/pestmanagement/eab.aspx>

University of Minnesota: <http://www.myminnesotawoods.umn.edu/>

Minnesota Shade Tree Advisory Council (MNSTAC):

<http://www.mnstac.org/index.html>

US Forest Service (Northeastern Area): <http://na.fs.fed.us/urban/inforesources/>



Agenda Number: **4B**

Agenda Date: 04-04-12

**Agenda Item:** Inflow & Infiltration Project and Potential Sump Pump Program

**Summary:** At the 02-01-12 council meeting the council discussed the possibility of conducting a new sump pump program to reduce the amount of money the city is paying to treat clean water. The last sump pump program was conducted in 2006 (see the attached section 310.30 of the city code). In 2006 it is believed that each property owner was asked to complete a form to certify that their sump pump was not hooked up to the sewer system, but there was no follow up with the properties that did not return the certification form. If the council desires to conduct a new sump pump program, section 310.30 of the code would need to be revised.

At the 02-01-12 council meeting the council directed the city clerk to get Met Council flow information to help determine whether the city's recent inflow and infiltration (I&I) projects have been effective. The Met Council's allocated wastewater volumes document for 2005-2012 is attached. Also attached is a rain event report from August 2010.

At the 03-07-12 council meeting the council decided to "continue the discussion" to get input from the city engineer regarding the final phase of city's I&I projects and to invite Bill Cook (Greenwood resident, planning commissioner, and Met Council manager of engineering services) to share his insights. Dave Martini and Bill Cook will attend the 04-04-12 council meeting.

**Council Action:** None required.

> News+Events > Features > Water - February 2012

## Cities share tips for reducing I/I

Cities around the region are becoming experts at the sometimes dirty business of working both below and above ground to reduce inflow and infiltration (I/I) in the sanitary sewer system.

Since the Metropolitan Council established a regional program to reduce I/I in 2006, cities have successfully used a variety of tactics to find and reduce sources of I/I. For example:

- Smoke testing
- Home and business inspections
- Certificates of compliance
- Utility bill surcharges
- Community education

On Feb. 16, Metropolitan Council Environmental Services (MCES) hosted a well-attended workshop about I/I mitigation. Council staff, city staff and private companies hired by communities shared information about their work to keep clear water out of the regional wastewater collection and treatment system.

Kyle Colvin, I/I program manager for MCES, led off the workshop by reviewing the importance of reducing excessive wet-weather peak flows in the regional wastewater system. Colvin acknowledged that 2009-2011 turned out to be a relatively dry-weather period, characterized by lower groundwater tables and fewer intense snowmelt/rainfall events.

MCES adjusted the formula used to surcharge communities with excessive I/I in the three-year period. When new surcharges occur in 2013, they will be based on peak-flow measurements taken from January through June 2012.

### MCES is repairing regional facilities

During the initial program, MCES initiated its own work to reduce I/I. MCES has a goal to inspect all its interceptors on a 10-to-15 year cycle and more frequently in 'hot spots.' According to Bill Moeller, assistant general manager of Interceptor Services, closed circuit television (CCTV) inspections are scheduled this year for the gravity sewer system in the Minnetonka area tributary to the Blue Lake Plant.

Other MCES work to reduce I/I in regional wastewater infrastructure includes rehab projects to repair or replace cracked or leaking tunnels; replace manhole covers with solid, water-tight covers; and repair leaking grout and chimney seals.

### Grant program has helped cities

Paying for the materials and work at the local level has been a hurdle for many communities, but the Council has been able to offer some help



Every seat was filled for a February workshop hosted by MCES that focused on successful efforts to reduce inflow and infiltration in the sanitary sewer system. About 100 people from cities across the metro area – as well as representatives from Metro Cities, Xcel Energy and other organizations – attended the workshop.

through a state-funded, \$3 million dollar grant program for public sewer repairs. MCES Finance Director Jason Willett explained that cities with excessive I/I were eligible to receive up to 50% reimbursement for qualifying construction costs. Most of this grant has been allocated, and Willett encouraged attendees to call their lawmakers and/or Metro Cities to help gain support for additional funds from this year's bonding bill.

### Using carrots and sticks

Eagan started evaluating its flows and inspecting its public system in 2006, and after three years learned there was "no smoking gun" that could pinpoint locations of excessive I/I, according to Tom Colbert, public works director. Since 60% of the city's sewer system is comprised of private services, the city determined that all 22 city sewer districts would need to have in-home inspections performed with repairs and replacements made where needed. To insure participation in the inspection and mitigation program, the city instituted a utility bill surcharge in 2010 for those who were noncompliant with inspections and/or corrective work order repairs.

For this private property work "we took the carrot and stick approach," Colbert said. First the penalty: \$150/month is levied against low-density residential properties and \$500/month for all other properties not in compliance. When the city offered to correspondingly reimburse 50% of the costs to property owners to make repairs, Eagan found it provided just enough incentive for the community acceptance needed to move the projects forward.

Colbert said the certificate of compliance is seen as an added value to property when that property is sold.

### Community education is 'key to getting people on board'

Golden Valley city officials agreed that a certificate of compliance on private home sewer infrastructure is a coveted item. Golden Valley decided against a city utility surcharge and instead implemented an inspection/repair program at point of sale (i.e., when the property is sold).

The program met with some opposition, said Jeff Oliver, Golden Valley city engineer. "We found the best way to counter this strong opposition was to educate the community on why this is important. Clean water is everyone's problem and everyone needs to be part of the solution."

The city held a "Sewerfest" to educate the community and bring the knowledge brokers together to share information. They took their I/I exhibits to home improvement fairs and started an education campaign on their local community cable TV channel.

"You cannot educate enough," Oliver said. "It's key to getting people on board." The city also worked with its police department to encourage a few reluctant property owners and real estate agents to comply with the program requirements.

West Saint Paul was notified by the Met Council in 2006 that it would be issued an \$820,000 initial surcharge. Due to its small municipal staff, the city hired a private service to inspect and issue repairs where needed. As with the other cities, West St. Paul learned that the city sewers looked fairly decent and the majority of the problems were on private property.

In 2008, the city adopted an ordinance to allow in-home inspections. If violations were found, homeowners had 180 days to correct the problem; if they didn't, a monthly surcharge was made. In order to increase compliance on making the repairs, the city offers a multi-tiered financial assistance program to suit different needs.



Smoke testing is one of the successful techniques that cities use to find inflow sources in sanitary sewer pipes. Whether on home lateral pipes or city or regional sewer pipes, cracks allow entry of clear water into the wastewater system.

## Officials laud smoke testing as an effective tool

All the panel members agreed that sewer smoke-testing has been one of the most effective and revealing techniques to use when looking for “inflow sources into the system.”

Aaron Hass with St. Paul Public Works said that the city began a sewer smoke testing program in 2007 on the 800+ miles of pipes that make up the city’s sanitary sewer system. “Most of the city’s sewer system was constructed between 1887 and 1956, of varying materials and pipe sizes,” said Hass. Before sewer separation (1980s and '90s) much of St. Paul’s sewer system used to operate as a combined system. Since 1991, more than 180 miles of St. Paul sanitary sewers have been lined with a cured-in-place pipe liner.

“Being a large, complex system we have found smoke testing to be a cost-effective tool in finding inflow sources such as connected rain leaders, private area drains, and catch basins,” said Hass. “The property owners have been compliant as a result of city efforts to enforce disconnections.”

In five years, St. Paul has smoke tested over 6,000 acres of the city, and identified and removed over 29 acres of inflow sources. The cost for smoke testing breaks down to approximately \$180 to \$200 per acre.

“Notification efforts are very important for a successful smoke-testing project,” said Hass. While the simulated smoke used is relatively harmless, St. Paul communicates smoke-testing projects to residents and property owners through mail, an automated phone call, holding a public informational meeting, placing door hangers (with 2nd automated phone call), and following up on a “call back” list for residents who call in identifying themselves as having respiratory or mobility limitations. “In our communications, property owners and/or residents are instructed to pour water in their floor drains and unused fixture traps to reduce the risk of simulated smoke seeping into their building, “ said Hass.

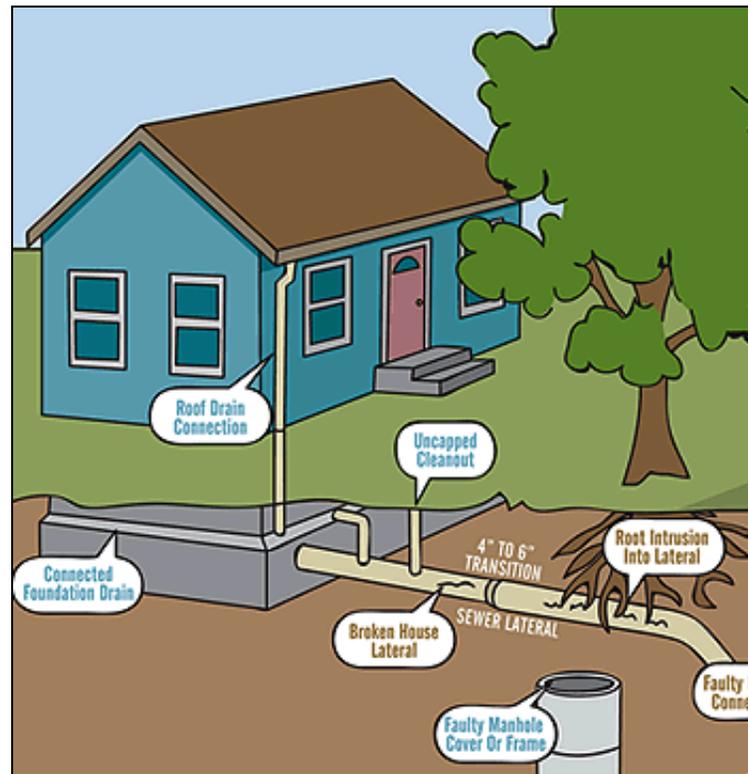
While smoke testing has proven to be effective for St. Paul in finding inflow sources, it will be challenging for St. Paul to meet its I/I goal given the size and complexity of its sewer system, Hass said.

Private contractors also shared their advice on how to best approach the I&I mitigation plans in the most cost effective manner.

The resounding theme of the workshop was the importance of spending time up front on community education. Buy-in to I/I reduction plans comes more easily, officials said, when residents are asked to be environmental stewards and look beyond their own 30 feet of pipe to the larger picture of the groundwater, lakes and rivers where it all eventually connects.

This spring, MCES plans to produce several short videos on topics related to I/I mitigation. Among those featured will be speakers from the February workshop.

About 100 people from cities across the metro area – as well as representatives from Metro Cities, Xcel Energy and other organizations – attended the workshop.



Stormwater and groundwater flows and seeps into the wastewater system from many sources. (See larger diagram – pdf).

Stormwater and groundwater flows and seeps into the wastewater system from many sources. (See larger diagram – pdf).

> News+Events > Features > Water - June 2011

## Cities effectively tackling clear water inflow to sanitary sewers

### Wetter spring shows that infiltration is likely still a problem

The Metropolitan Council has good news in the fight against excessive inflow and infiltration (I/I) of clear water into the regional wastewater collection and treatment system.

A majority of communities that were identified in 2007 as contributing excessive I/I to the wastewater system have either completed work or have work under way to reduce I/I. Ongoing monitoring of wastewater flows during peak rain events shows, in many cases, that inflow peaks are not as high as they once were, according to Kyle Colvin, I/I program manager for the Metropolitan Council's Environmental Services division (MCES).

That means that efforts to reduce inflow appear to be working. Large wastewater capacity expenditures have been, at the very least, postponed. Major spills and overflows have been avoided in recent years. And some clear water has been retained for Minnesota groundwater because it hasn't flowed into sewers.

However, the last 10 months have been much wetter than the previous several years, leading to higher groundwater tables. Overall annual flows to the region's wastewater treatment plants have increased by about 10%, Colvin said, which likely means that *infiltration* of groundwater into aging and cracked sewer pipes is still a problem.

And that means when the Council's ongoing surcharge program takes effect in 2013, some communities may return to the list or, for the first time, join the list of communities contributing excess I/I into the system. That determination will begin based on wastewater flows from January 2012 through June 2012.

If cities haven't already, they may want to budget for additional I/I mitigation efforts in 2012, said Jason Willett, MCES finance director. Any work they do in 2012 can be used as a credit against potential surcharges in 2013, he said.



Roof drain connections to the sanitary sewer system, like this one pictured here, are illegal. Cities have been making good progress in eliminating these sources of inflow into the regional wastewater system. (Photo courtesy Hadlyme Environmental Engineers LLC.)

### Local fixes will save hundreds of millions of dollars

Inflow is when clear water enters the wastewater system through rain leaders, sump pumps or foundation drains that are connected to the sewer lines (illegal in Minnesota since 1968). Infiltration is when groundwater seeps into cracked or broken wastewater pipes.

Inflow is the biggest problem because during major rain events it quickly consumes pipe capacity needed for future growth. And, in more extreme rain events, inflow can cause sewer backups into homes and businesses. Infiltration, while it takes up pipe capacity, is a steadier, less variable contributor to the problem.

The cost to fix I/I at the local source was originally estimated at about \$150 million, compared with nearly one *billion* dollars that would be needed to add collection and treatment capacity to handle excessive I/I. Both cost estimates have likely gone up, Willett said, but it's still clearly better – both financially and environmentally – to eliminate I/I at the source.

So far, communities have collectively spent an estimated \$50 million to reduce I/I.

In 2006, following a customer task force recommendation, the Metropolitan Council launched the program to reduce I/I. Measured flow peaks quickly identified 47 communities in the region that released excess I/I into the system. Communities were required to commence projects that would eliminate their excess I/I contribution, or face a surcharge on their municipal wastewater bills. The Council, with Metro Cities, also developed a grant program to help communities with the cost of fixing sources of I/I.

Of the original 47 communities, 20 are still working to complete the work to which they committed. Of those 20, 5 have been granted extended deadlines beyond 2012 because of the burdensome cost of the repairs in relation to

their total wastewater bills (more than 25%). Another 9 are still in the process of submitting work expense reports for 2010, but at least half of these have likely finished their work, Colvin said.

### Council eliminates demand charge

Overall the program has been so successful that last year, the Council decided to all but eliminate a proposed demand charge that would have taken effect in 2013 had a community not made any progress in reducing its I/I contribution. The goal of the demand charge was to generate the funds necessary to add capacity to the system to handle the excessive I/I.

Instead, the Council has implemented an ongoing surcharge program so that communities can continue their I/I reduction efforts. A **Demand Charge Task Force**, which included community representatives, recommended the changes to the original program in August 2010 after a year of study. The new, ongoing program will begin in 2013, based on six months of flow data in 2012. The ongoing surcharge will be conceptually the same but has adjustments that should make it a little easier for cities, Willett said. See details in the [Demand Charge Task Force Final Report \(pdf\)](#).



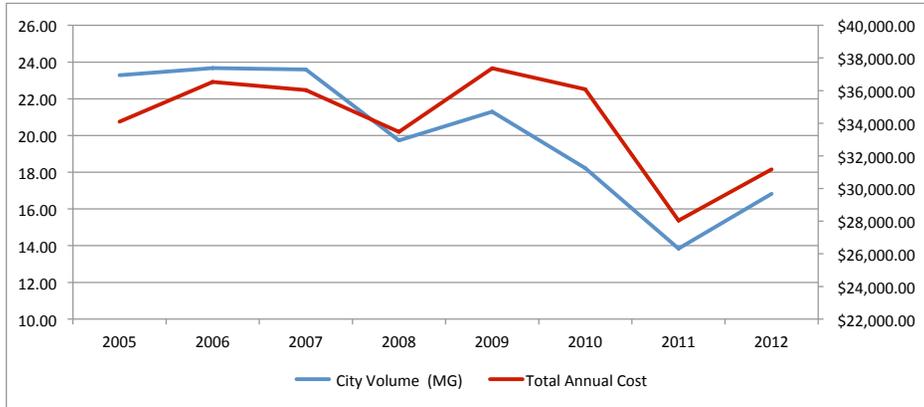
Groundwater infiltrates into a manhole through cracks around a sanitary sewer pipe outlet. Excessive infiltration is likely still an issue for some communities. (Photo courtesy Town of Auburn, MA.)

**Greenwood Allocated Wastewater Volumes**  
February 2, 2012

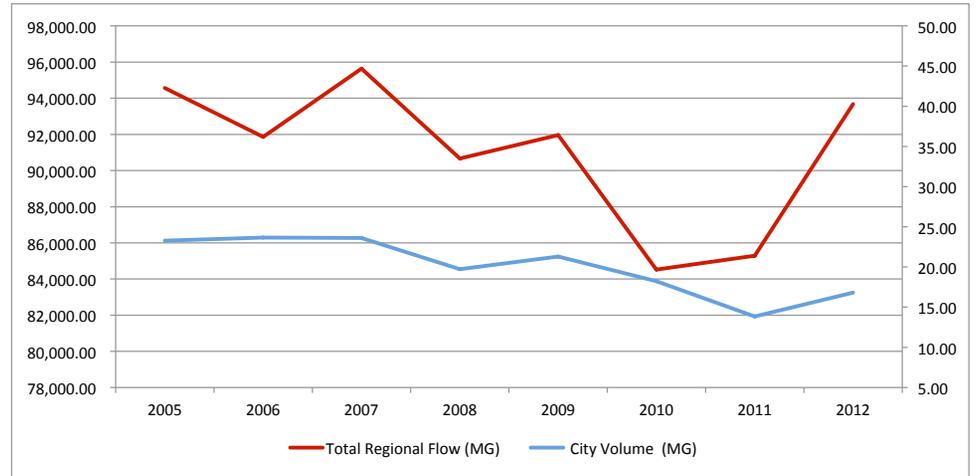
<u>Year Volume Billed</u>	<u>City Volume (MG)</u>	<u>Total Annual Cost</u>	<u>Total Regional Flow (MG)</u>	<u>% of Total Regional MG</u>
2005	23.28	\$ 34,095.02	94,567.49	0.02462%
2006	23.67	\$ 36,534.13	91,860.47	0.02577%
2007	23.60	\$ 36,029.35	95,633.14	0.02468%
2008	19.73	\$ 33,478.02	90,664.35	0.02176%
2009	21.30	\$ 37,366.48	91,958.31	0.02316%
2010	18.22	\$ 36,089.03	84,519.05	0.02156%
2011	13.84	\$ 28,036.43	85,293.98	0.01623%
2012	16.82	\$ 31,177.97	93,680.78	0.01795%

Billed Volumes reflect measured and estimated wastewater flow covering the period between 18 and 6 months prior to the year billed.

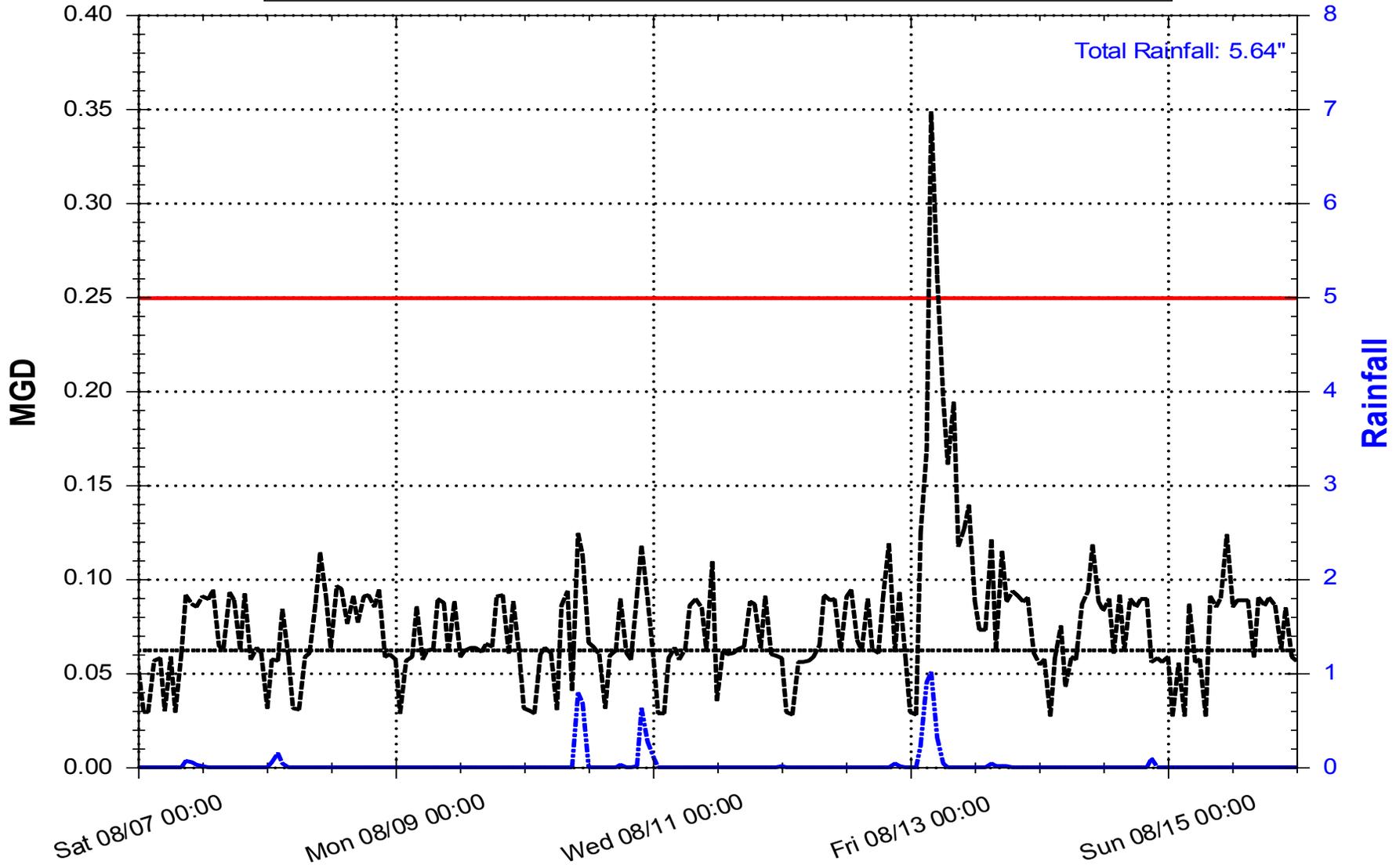
Example: 2012 billed year covers July 1, 2010 through June 30, 2011 flow period  
2011 billed year covers July 1, 2009 through June 30, 2010 flow period, etc.



Note: Cost allocation based on proportionate share of each community's flow to total Regional flow multiplied by MCEs' Municipal Wastewater Charge budget.



# II Report for GREENWOOD416



public property disturbed in the course of the work shall be restored in a manner satisfactory to the city by the person making the installation.

Subd. 4. Prohibited Discharges Into Sanitary Sewer System and Natural Outlets.

- (a) No person shall discharge or cause to be discharged any substance not requiring treatment or any substance not acceptable for discharge, as determined by the city, Metropolitan Council, or the Minnesota Pollution Control Agency, into the sanitary sewer system. Only sanitary sewage from approved plumbing fixtures may be discharged into the sanitary sewer system.
- (b) Storm water, ground water, roof runoff, surface water, or unpolluted drainage shall be discharged only to specifically designated storm drains or to a natural outlet approved by the city engineer.
- (c) No person shall discharge or cause to be discharged any of the following waters or wastes to any public sewer:
  - 1) Any gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquids, solids or gases.
  - 2) Any waters or wastes containing toxic or poisonous solids, liquids or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, to constitute a hazard to humans or animals, to create a nuisance or to create any hazard in the receiving waters of the sewage treatment plant, including but not limited to cyanides in excess of 2 milligrams per liter as CN in the wastes as discharged to the public sewer.
  - 3) Any waters or wastes having a pH lower than 5.5, or having any other corrosive property capable of causing damage or hazard to structures, equipment and personnel of the sewage works or the sewage treatment plant.
  - 4) Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the sewage works or sewage treatment plant such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, garbage, whole blood, manure, hair and fleshing, entrails, and any paper dishes, cups, or other paper containers or paper products, whether whole or ground by garbage grinders.
  - 5) Other substances in amounts in excess of the concentrations permitted under rules and regulations of the metropolitan sewer board.
- (d) No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewer unless such person has obtained a permit from the Metropolitan Council specifically authorizing the discharge of such water or waste and unless the conditions, if any, set forth in the permit have been and are complied with by such person:
  - 1) Any waters or other liquid or vapor having a temperature higher than 150° Fahrenheit (65°C).
  - 2) Any waters or wastes containing fats, wax, grease, or oils, whether emulsified or not, in excess of 100 milligrams per liter or containing substances which may solidify or become viscous at temperatures between 32° and 150° Fahrenheit (0°C and 65°C).
  - 3) Any garbage that has not been properly shredded.
  - 4) Any waters or wastes containing pickling wastes or concentrated plating solutions.
  - 5) Any waters or wastes containing iron, chromium, copper, zinc and similar substances in such concentration so as to cause the waters or wastes to be objectionable or toxic.
  - 6) Any waters or wastes exerting a chlorine requirement or demand such that when the waters or wastes are received in the composite sewage at the sewage treatment plant, the chlorine requirement or demand of the composite sewage exceeds reasonable limits.
  - 7) Any waters or wastes containing phenols or other taste or odor producing substances in concentrations which exceed reasonable limits in view of the applicable requirements of the state, federal or other public agencies having jurisdiction over effluent discharge to the receiving waters.
  - 8) Any radioactive wastes or isotopes of such half-life or concentration as may exceed reasonable limits in view of the applicable state or federal regulations.
  - 9) Any waters or wastes having a pH in excess of 9.5.
  - 10) Materials that exert or cause: i.) concentrations of inert suspended solids, such as, but not limited to, fullers earth, sand, lime, slurries and lime residues, or of dissolved solids, such as, but not limited to, sodium chloride and sodium sulfate, which are likely to be harmful to the sewer, sewer works or sewage treatment plant. ii.) excessive discoloration, such as, but not limited to, dye wastes and vegetable tanning solutions. iii.) unusual BOD or chemical oxygen demand in such quantities as to constitute a significant load on the sewage treatment plant. iv.) unusual volume of flow or concentration of waters or wastes constituting "slugs" as defined herein.

- (e) Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes utilized by sewage treatment plants, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of the state, federal or other public agencies having jurisdiction over effluent discharge to the receiving waters.
- (f) Where pretreatment or flow-equalization facilities and/or where grease, oil or sand interceptors are provided for any waters or wastes, such facilities and/or interceptors shall be maintained continuously in satisfactory and effective operation by the user thereof and at no expense to the city.
- (g) The owner of any property having a building sewer into which industrial wastes are discharged or caused to be discharged, shall install a suitable control structure together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling and measurement of the industrial wastes. Such structure, when required, shall be accessibly and safely located and shall be constructed in accordance with plans approved by the city engineer. The structure shall be installed by the owner at their expense, and shall be maintained by them so as to be safe and accessible at all times. The owner shall pay all city engineer fees to review the plan.
- (h) All measurements, tests and analyses of the waters and wastes discharged or caused to be discharged to a public sewer shall be determined in accordance with the latest edition of "Standard Methods of the Examination of Water and Wastewater," published by the American Public Health Association, and shall be determined at the control structure provided, or in the event that no special control structure has been provided, at the nearest downstream manhole in the public sewer from the point at which the building sewer is connected to the public sewer. Sampling shall be carried out by customarily accepted methods under the direction of the city engineer to reflect the effect of the waters and wastes upon the sewers, sewage works and the sewage treatment plant and to determine the existence of hazards to public health, safety and welfare.
- (i) Notwithstanding any other provision hereof, the city may enter into a valid agreement with any person whereby industrial wastes and/or sewage of unusual strength or character may be discharged to a public sewer and accepted by the sewage treatment plant, subject to the payment of special charges to the city thereof by the person; and provided that the city shall give its prior, written approval to the special agreement.

Subd. 5. Prohibited Discharges of Stormwater, Surface Water, Groundwater, Roof Runoff, Subsurface Drainage, or Cooling Water and Discharge to Any Sanitary Sewer.

- (a) No person shall discharge or cause to be discharged, directly or indirectly, any stormwater, surface water, groundwater, roof runoff, subsurface drainage, foundation drain systems, or cooling water to any sanitary sewer. Any person having a roof drain, sump pump, unauthorized swimming pool discharge, cistern overflow pipe or surface drain connected and/or discharging into the sanitary sewer shall disconnect and remove any piping or system conveying such water to the sanitary sewer system.
- (b) All construction involving the installation of clear water sump pits shall include a sump pump with minimum size 1-1/2 inch diameter discharge pipe. The pipe attachment must be a rigid permanent type plumbing such as PVC or ABS plastic pipe with glued fittings, copper or galvanized pipe. All discharge piping shall be installed in accordance with the building code. Discharge piping shall start at the sump pit and extend through the exterior of the building and terminate with not less than 6 inches of exposed pipe. Sump pump discharge location and flow shall be consistent with the approved development drainage plan for the lot. The discharge may not be pumped directly onto any public right-of-way unless approved by the city engineer or their designee. Any disconnects or openings in the sanitary sewer shall be closed and repaired in compliance with applicable codes.
- (c) Every person owning improved real estate which discharges into the city's sanitary sewer system shall allow inspection by authorized city employees or its agents of all properties or structures connected to the sanitary sewer system to confirm there is no sump pump or other prohibited discharge into the sanitary sewer system. Any persons refusing to allow their property to be inspected shall immediately become subject to the surcharge as described in subsection (f) hereinafter.
- (d) Every person owning improved real estate that discharges into the city's sanitary sewer system shall submit to the city clerk on or before March 31, 2006 certification that their real estate is not in violation of section 310.30, subdivisions 4 and 5. Any owner of any property in violation of section 310.30, subdivisions 4 or 5 shall a) on or before March 31, 2006 notify the city clerk of the violation, b) make the necessary changes to comply with section 310, and c) schedule an inspection of their property to be conducted on or before June 30, 2006 by authorized city employees or its agents to verify that the violation has been ended. Any property or structure not inspected or not in compliance by June 30, 2006, shall, following notification from the city, comply within 14 calendar days or be subject to the surcharge as provided in subsection (f) hereinafter.

- (e) Upon verified compliance with this section, the city reserves the right to re-inspect such property or structure at least annually to confirm continued compliance. Any property found not to be in compliance upon re-inspection or any person refusing to allow their property to be re-inspected shall, following notification from the city, comply within 14 calendar days or be subject to the surcharge as provided in subsection (f) hereinafter.
- (f) A stormwater surcharge per quarter is hereby imposed and shall be added to every residential utility billing, to property owners who are found not in compliance with this section; a surcharge per quarter is hereby imposed and shall be added to every commercial or industrial sewer billing, to property owners who are found not in compliance with this section. The surcharge shall be added every quarter until the property is verified to be in compliance through the city's inspection program. The stormwater sewer non-compliance surcharge fee amount shall be determined by the city council and set forth in chapter 5 of this code book.
- (g) The city council, upon recommendation of the city engineer, shall hear and decide requests for temporary waivers from the provisions of this section where strict enforcement would cause a threat to public safety because of circumstances unique to the individual property under consideration. Any request for a temporary waiver shall be submitted to the city engineer in writing. Upon approval of a temporary waiver from the provisions of this section, the property owner shall agree to pay an additional fee for sanitary sewer services based on the number of gallons discharged into the sanitary sewer system as estimated by the city engineer.
- (h) Violation of this section is a misdemeanor and each day that the violation continues is a separately prosecutable offense. The imposition of the surcharge shall not limit the city's authority to prosecute the criminal violations, seek an injunction in district court ordering the person to disconnect the nonconforming connection to the sanitary sewer, or for the city to correct the violation and certify the costs of connection as an assessment against the property on which the connection was made.

### **Section 310.35. Right to Enter.**

The duly authorized employees or representatives of the city bearing proper credentials and identification shall have the right to enter all properties served by the city's sewer system for the purpose of inspection, observation, measurement, sampling and testing in accordance with and for the purpose of enforcing the provisions of this ordinance. The employees or representatives shall have the power and authority to obtain a warrant to secure entry onto a property and shall obtain a warrant to enter any property upon which entry is or has been refused. The employees or representatives shall have no authority to inquire into any industrial processes beyond that point in the process having a direct bearing on the kind and source of discharge to the sewers or waterways or facilities for treatment.

### **Section 310.40. Discontinuance of Service.**

Sewer service shall be discontinued when it is determined that a sum equal to the portion of the cost of constructing the sewer system attributable to the parcel or property as determined by the assessment proceedings or pursuant to the provisions of this code has not been paid or is not in the process of being paid in regular installments.

### **Section 310.45. Liability.**

Each user or owner shall be responsible for maintaining and cleaning their sewer connection from the house to the sewer main. The city shall not be liable for any stoppages in the sewer system. Each user should provide a suitable backwater valve to prevent flooding of basements in the event of sewer stoppage.

### **Section 310.50. One House Per Connection.**

Not more than one house or building shall be supplied from one sewer connection, except with the permission of the city engineer.

### **Section 310.55. Building Sewers.**

Subd. 1. All building sewer connections must be made to the wye or riser provided for that purpose. No sewer connection shall be laid in the same trench with water, gas or any other pipe, and all sewer connections must be laid far enough from all others to permit the repair or removal or relaying of any one without disturbing the other, unless an alternate method is approved by the city engineer.

Subd. 2. At the time any connection is made to the city sanitary sewer system, all cesspools, septic tanks, or other sewage disposal facilities existing on the property that is connected shall be pumped and then filled to earth level with suitable material. Piping through cesspools or septic tanks will not be permitted, and connections to buildings with



Agenda Number: **4C**

Agenda Date: 04-04-12

**Agenda Item:** Dick Osgood, Lake Minnetonka Association: Aquatic Invasive Species Update

**Summary:** Lake Minnetonka Association executive director Dick Osgood asked to be included on the 04-04-12 council agenda to discuss two 03-09-12 documents he sent to Lake Minnetonka cities (attached). Dick attended the 09-06-11 council meeting to give a "Milfoil Update" and presentation on "The Future of Milfoil Management." At that meeting the council approved the following motion on a 4-0-1 vote with Councilman Rose abstaining ...

**Fletcher moved, Quam seconded, expressing Greenwood City Council support for joint efforts by the Lake Minnetonka Conservation District and the Minnehaha Creek Watershed District in the control of aquatic invasive species and development of a lake and watershed wide aquatic species management plan.**

For the council's reference the following attachments are included in the council packet:

1. An excerpt of the 09-06-12 council minutes regarding Dick Osgood's presentation and discussion.
2. Two 03-09-12 documents received from Dick Osgood.
3. A 03-16-12 email response from Lake Minnetonka Conservation District executive director Greg Nybeck.
4. A public notice regarding a 03-20-12 LMCD meeting with Enviro Science to discuss the use of weevils as a means of managing milfoil on Lake Minnetonka.

**Council Action:** Optional. Suggested motions ...

1. Dick Osgood's requested motion:  
I move the council directs our Lake Minnetonka Conservation District representative to support the development of a comprehensive aquatic invasive species management plan for Lake Minnetonka to evaluate the overall invasive species problems, evaluate feasible, cost-effective management and control alternatives, and implement a coordinated management program.
2. Or the council may wish to:  
Wait for a report from the AIS Task Force before proceeding with directives.
3. Or the council may wish to:  
Do nothing or ???

In response to a question from Councilmember Fletcher, Engineer Martini stated if the asphalt surface were to be replaced with concrete an acceptable subbase would still have to be installed. In response to another question from Fletcher, Martini explained concrete would hold up better than asphalt. Martini clarified the pump would effectively address the surface water problem on the roadway.

Mayor Kind clarified that Councilmember Fletcher was suggesting changing to a concrete roadway surface that still would have standing water on it.

Councilmember Quam suggested Council direct Staff to research additional solutions to the drainage problem.

Mayor Kind asked if the Council wants to spend money to research additional solutions. Councilmember Page responded yes.

Councilmember Rose stated Mr. Newman has done a great job redoing the side of his property that abuts Meadville Street. He thought installing a concrete trough in the ditch would be "nasty." He did like the idea of installing PVC pipe or drain tiles in the ditch and putting a concrete surface on the roadway.

Councilmember Fletcher stated if Council has no intention of spending money on making the improvements in the near future he did not want to spend a great deal of money researching alternatives.

Mayor Kind asked what has been spent to date on the survey and identification of solutions. Councilmember Fletcher suggested Engineer Martini come back with that information and what he estimates the costs for further research of alternatives to be.

Engineer Martini recommended that he at least meet with the property owners before the next meeting.

There was Council consensus to ask Staff to meet with the Mr. Hurd, Mr. Newman and the Old Log Theater property owners before the next meeting.

### **C. Dick Osgood, Milfoil Update and the Future of Milfoil Management**

Mayor Kind stated Dick Osgood, Lake Minnetonka Association (LMA) Executive Director, is present to give a report on the 2011 herbicide treatment of Eurasian Watermilfoil (milfoil) and Curly Leaf Pondweed (pondweed) in St. Alban's Bay in Lake Minnetonka. Mr. Osgood also will provide a report on the future of milfoil management.

Mr. Osgood stated in 2011 the milfoil control project was expanded to five bays from three bays. St. Alban's Bay and Gideon Bay were added to the project. He classified the treatment for milfoil as a wonderful success. He noted he has not been able to find any milfoil in St. Alban's Bay in the recent weeks nor have the representatives from the Army Corps of Engineers. He explained that one of the objectives of the project was to minimize lakeshore cleanup and based on feedback from property owners that objective has been met. He hoped the project will continue for the original three bays in 2012 which is the last year of the three-bay project. The program for St. Alban's Bay is a five-year program that started in 2011.

Mr. Osgood then stated there is no game plan for managing milfoil lake wide after 2012. The LMA recommends a comprehensive invasive plant management plan be prepared by 2013 for all of Lake Minnetonka (the Lake). He noted that lakefront property owners on the five bays that have been treated

have overwhelming indicated they prefer the herbicide treatment to milfoil harvesting. Ninety three percent of those who responded to a survey supported that position. That information can be found on the website [www.lakeminnetonkaforum.com](http://www.lakeminnetonkaforum.com). He noted the lakefront property owners on St. Alban's Bay contributed to the 2011 treatment with some of the contributions being as much as \$2000.

Mr. Osgood went on to state the LMA suggests transitioning away from harvesting milfoil to a more comprehensive program. He explained that to date neither the Lake Minnetonka Conservation District (LMCD) nor the Minnehaha Creek Watershed District (MCWD) has shown the initiative to develop a comprehensive plan. The MCWD has the technical expertise and the funding capacity for creating and implementing the plan. He stated the lakefront property owners on the five bays that have been treated with herbicides have had long-standing frustration with the harvesting program. He noted milfoil has been in the Lake since 1987.

Mr. Osgood asked the Council to take some initiative on behalf of the City to express support for moving forward with developing a comprehensive invasive plant management plan. Councilmember Quam asked what the LMA wants Council to do. Mr. Osgood reiterated the LMA wants the Council to express its support for the development of an all inclusive management plan for all invasive plants in the Lake. In addition to milfoil, pondweed and flowering rush are also in the Lake. There is no plan at all for managing those two invasive plant species. The LMA is concerned that the agencies with that authority aren't doing the job.

Councilmember Quam asked what the plan is for 2012 for managing milfoil in St. Alban's Bay. Mr. Osgood responded a plant inventory was conducted of St. Alban's Bay about two weeks ago and initial findings indicate it may not be necessary to treat the Bay in 2012. If some treatment is necessary it should be minimal.

Councilmember Fletcher asked if it's assumed the Bay will have to be aggressively treated in 2013. Mr. Osgood responded it's very likely there will have to be some level of treatment. Fletcher stated the LMA has been talking about the need to develop a comprehensive management plan for at least five years. He asked what agency is in the best position to develop that plan. Mr. Osgood responded both the LMCD and the MCWD have the authority to develop and implement such a plan. The LMA recommends the MCWD assume responsibility for doing that because it has the scientific expertise and the funding capacity to do that. The LMCD has a funding cap. The LMCD could do that, but he would recommend it retrain its staff so they have the expertise to do that and look for additional funding sources. He noted the Minnesota Department of Natural Resources (DNR) doesn't initiate the development of such a plan.

Councilmember Page stated Mr. Osgood has heard the Army Corps of Engineers report on their findings during which they stated herbicide treatment is effective on outlying bays but not in large bodies of water especially if they are deep. Mr. Osgood clarified he is not recommending a comprehensive plan for the lake-wide herbicide treatment of milfoil. Page stated milfoil is being managed on a lake-wide basis on a rotating schedule through the LMCD's harvesting program. Mr. Osgood stated the LMCD harvests a maximum of 300 acres of the Lake on a rotating schedule.

Councilmember Page asked Mr. Osgood what the cost to date has been for the herbicide treatment of the five bays. Mr. Osgood explained it cost about \$450 per acre and over 900 acres have been treated. The herbicide treatment is of the entire bay where harvesting is only done in parts of the bays to make it possible to navigate the waters. The effectiveness of the herbicide treatment spans a couple of years in most instances. The cost of herbicide treatment versus harvesting needs to be averaged over two years to have a more realistic cost comparison. Sometimes areas have to be harvested a second time during the course of a season. It cost about \$350 per acre to harvest one acre and that doesn't include equipment

depreciation costs. Harvesting cuts all plants in the machine's path. Herbicide treatment selectively treats milfoil; it leaves the native plants alone. Harvesting is designed to promote navigation. The herbicide treatment promotes navigation, and it protects and enhances the native plants.

Rob Roy, 21270 Excelsior Boulevard, (the St. Alban's Bay Captain) stated he recently attended a meeting of the MCWD Board of Managers. He explained the MCWD is considering a pilot aquatic invasive species (AIS) prevention project for Christmas Lake, Lotus Lake and Lake Minnewashta. The MCWD is starting a pilot project to advance attack on flowering rush. He noted flowering rush is an extremely invasive species. He stated harvesting is not a long-term solution for managing milfoil or any other invasive plant. He then stated the DNR supports the MCWD developing a comprehensive plan for the entire MCWD jurisdiction. He noted that the Shorewood Council adopted a resolution endorsing and supporting the MCWD taking on a leadership role in coordinating and implementing a comprehensive AIS program through the MCWD. He asked this Council and the other Lake cities to do the same. He stated no one is looking at the big picture at this time. He noted that he cannot continue to go and raise money for the management of milfoil and other AIS every year. He stated the Lake is a very valuable resource for the cities around the Lake and they shouldn't be sitting on their hands. He recommended the cities ask the LMCD and the MCWD to move forward with a plan.

Kristi Ostrander, 21520 Fairview Street, expressed concern about the use of herbicides to treat milfoil on a long-term basis. She asked if there have been any long-term studies done on their effect. Mr. Osgood explained the U.S. Environment Protection Agency (EPA) requires that each chemical herbicide that is applied to a lake environment go through a registration process through the EPA. The herbicide used to treat St. Alban's Bay was studied for approximately 20 years and about 250 papers were written on it. The EPA through its registration process requires comments be submitted on the long-term effects on fish, plants, the toxic effects and a whole suite of biological impacts. On that basis the EPA deemed that herbicide safe and allowed it for use within certain parameters. The studies have shown it doesn't accumulate, but it does not mean it's 100 percent safe. The safety factor has to be less than one in a million that there would be a measurable effect on any living thing.

**Fletcher moved, Quam seconded, expressing Greenwood City Council support for joint efforts by the Lake Minnetonka Conservation District and the Minnehaha Creek Watershed District in the control of aquatic invasive species and development of a lake and watershed wide aquatic species management plan.**

Councilmember Page asked Council how much more it thinks the residents of Greenwood are willing to pay to support an increase in the level of AIS management.

Councilmember Fletcher stated originally he was only going to put the MCWD in the motion. The DNR has encouraged the MCWD to get involved. The MCWD has a broad taxing authority and therefore has a larger funding source. He then stated the MCWD Board of Managers has indicated it only wants the MCWD to get involved in the developing and implementing a comprehensive invasive plant management plan for the Lake if the cities surrounding the Lake express their support for that. The LMCD would still be involved with the management of AIS because it has a Lake focus.

Mr. Roy stated \$76,000 was raised through private sources for the 2011 herbicide treatment of St. Alban's Bay.

Councilmember Rose asked why the people who have property that fronts the Lake are the ones having to pay for the herbicide treatments. Councilmember Fletcher stated that is a main reason for having the

MCWD involved. Fletcher stated if someone wants to remove the LMCD from the motion that would be okay with him.

Councilmember Rose stated people outside of the MCWD also use the Lake and they won't have to pay. He then stated sometimes there needs to be a limit on what will be done. He also stated that from his perspective the MCWD has too much power already.

Mayor Kind stated from her vantage point the MCWD has become a regulatory agency. The MCWD has taxing authority but the members of the Board of Managers are not elected and therefore not accountable to anyone. She then stated if she votes for the motion it would be with the caveat that the MCWD take on invasive species related activities under its current budget. She suggested the MCWD redirect some of its current funding to this effort and not tax the residents in its jurisdiction more. She stated she doesn't want to give the MCWD a reason to tax its residents more.

Councilmember Quam stated the Council needs to consider that the Lake is a valuable resource and it needs to be protected.

Councilmember Page stated there is nothing that prohibited the MCWD from developing a comprehensive plan. It hasn't done that to date. Once zebra mussels were discovered in the Lake the MCWD indicated it wants to take the lead. The MCWD has the authority to develop a comprehensive plan for the District. He then stated the LMCD Board is comprised of one representative from each of the LMCD member cities. That was done to ensure there would be representation from each city and each would have equal participation. The members of the MCWD Board of Managers aren't elected. He went on to state the MCWD wants to do a pilot project that involves gated access to a lake. The DNR does not stand for restricting public access to public waters except for this small pilot project.

Councilmember Fletcher asked Councilmember Page what the LMCD's plan is for managing milfoil. Page responded the LMCD is participating in the herbicide treatment program of the five bays in the Lake. At the end of that program in 2012 the LMCD will assess if the program met its goals and then it will decide if the herbicide treatment should be continued in some capacity.

Page stated the original model proposed for the herbicide treatment was to have a massive initial treatment followed by lesser treatments with the level of the treatments decreasing each subsequent year.

Mr. Osgood explained that the original lake vegetation treatment planned called for one or two years of treatments with treatments in years 3 – 5 tapering off. The 2008 treatment concentration wasn't strong enough. Beginning in 2009 the concentration was increased and the treatment was very effective. There has been a push and pull between various agencies about the timing of and concentration of the treatments. Through this pilot program there has been a great deal of learning going on. There is a much better understanding of what concentration the treatments should be and when they should occur.

Councilmember Page related that a representative of the Army Corps of Engineers from Florida has stated long-term there will be a need for chemical treatment in closed areas (e.g., St. Alban's Bay and Gray's Bay) as well as a need for harvesting. He stated different methods will be used to manage the various invasive species. He then stated that they all say there is no way to keep the invasive species out. He noted inspections are only being done at the public access areas and there are many private launches around the Lake.

Councilmember Fletcher asked if the LMCD has the resources to help slow down the spread of invasive species. Councilmember Page stated it could use more resources. Page then stated the LMCD member cities have not wanted to increase their contributions to the LMCD in the past.

**Motion passed 4/0/1 with Rose abstaining.**

Councilmember Rose explained he abstained because he believes the MCWD has too much control.

The Council thanked Mr. Osgood and Mr. Roy for all of their efforts.

**D. League of Women Voters Mayors' Forum**

Mayor Kind stated on September 8, 2011, the League of Women Voters South Tonka is sponsoring a mayors' forum, which will be held at 7:00 P.M. at the Southshore Community Center.

**5. PUBLIC HEARING**

None.

**6. UNFINISHED BUSINESS**

None.

**7. NEW BUSINESS**

**A. Variance Request, Gregg and Kristin Ostrander, 21520 Fairview Street**

Zoning Administrator/Clerk Karpas explained Gregg and Kristin Ostrander, 21520 Fairview Street, have proposed reconstructing and reconfiguring a lakeside deck. The proposed deck would encroach into the minimum required lake yard setback and because of its size the maximum permitted impervious surface area allowed would be exceeded. Therefore, they are requesting two variances. The City Ordinance states "In evaluating all variances ... the zoning authority shall require the property owner to address, when appropriate ... reducing impervious surfaces, increasing setbacks ...".

Karpas then explained that for the Shoreland Management District the Ordinance states "Impervious surface coverage in all residential districts as expressed as a percentage of the lot area, shall not exceed 30%." The applicants propose an impervious surface area of 35.3%; their current impervious surface area is 34.98%. If the common driveway which serves more than just their lot is not included in the impervious surface calculation, the proposed coverage would be 28%. He noted that in the past common driveways have been considered during a review of a variance of this nature.

Karpas went on to explain the Ordinance stipulates that the lake yard setback requirement in the Single Family Residential District is 50 feet as measured from the ordinary high water level. The applicants propose a lake yard setback of 43 feet; an encroachment of 7 feet. The current encroachment is 8.5 feet. The proposed project improves the setback by 1.5 feet.

Karpas noted that in considering the variance the revised State Statute regarding granting of variances should be used. Even though that State Statute has not been incorporated into the City Ordinance as of yet the City is still bound by it. State Statute has moved away from the hardship criterion to more of a practical difficulty criterion for reasonable use of the property.

# Assessment of the Lake Vegetation Management Plan Objectives

Lake Minnetonka Association

January 17, 2012

The Lake Minnetonka Association has been the project manager for Lake Vegetation Management Plans (LVMPs) involving five bays on Lake Minnetonka:

- LVMP for Carmans, Grays and Phelps Bays (2008)
- LVMPs for Gideon and St. Albans Bays (2011)

At this time, we have received the results from the USAERD<sup>1</sup>, plus earlier years' reports and have objective information upon which to evaluate the results with respect to the objectives in the LVMPs. In addition, results from Welling<sup>2</sup> are reported here.

The above-referenced LVMPs contain management objectives, which are evaluated here. The performance of the bay-wide herbicide treatments has been the topic of discussion on many levels. This assessment is prepared to help frame an objective evaluation of the results.

## Background

As originally conceived, the bay-wide treatments were to use selective herbicides that targeted Eurasian watermilfoil (EWM) and curlyleaf pondweed (CLP) and enhance native plants without diminishing water clarity. The recommended 'low dose combination protocol' was intended to be applied in the first two seasons (2008 and 2009), then the size of the treatment areas was expected to substantially diminish in subsequent years.

Following the first year of treatment (2008), however, due to poor results, these protocols have been adjusted. In fact, the treatment protocols have been adjusted in each of the four years of this program.

In addition, two other bays have been added to the program – Gideon and St. Albans.

A summary of the treatments, by bay, is presented below:

	2007	2008	2009	2010	2011
<b>Carmans</b>	P	TrL, En, E	NT	En, E	TrH, L
<b>Grays</b>	P	TrL, En, E	TrH, L	TrH, E, S	TrH, L
<b>Phelps</b>	P	TrL, En, E	TrH, L	TrH, En, E, S	TrH, L
<b>Gideon</b>	NT	NT	NT	P	TrH, L
<b>St. Albans</b>	NT	NT	NT	P	TrM, L

<sup>1</sup> Netherland et al. 2011. Aquatic plant surveys on Gray's, Phelp's, and Carman's Bays, Lake Minnetonka, Minnesota for 2007 through 2011 following four years of sustained management efforts. US Army Engineer Research and Development Center. December 8, 2011.

<sup>2</sup> Welling. 2011. Summary with excerpted results prepared by Chip Welling. October 19, 2011.

## Assessment of the Lake Vegetation Management Plan Objectives, January 17, 2012

Key: P = pre-treatment year  
 Tr = Triclopyr  
       TrL = low dose (0.25 ppm); TrM = medium dose (0.25 – 0.5 ppm); TrH = high dose (> 0.75 ppm)  
 En = Endothall  
 NT = No treatment; S = Spot or partial treatments  
 E = Early season; L = Late season

### Results

The results are presented according to the objectives contained in the LVMP (Carman, Grays and Phelps). The objectives in the LVMPs for Gideon and St. Albans are similar and not repeated here.

**Objective A-1** EWM will be controlled to levels of 20% occurrence (littoral zone) during the year of treatment and maintained to frequencies below 20% in subsequent years. CLP levels will be evaluated in the early season of year 2, then controlled to levels of 20% occurrence during the year of treatment and maintained to frequencies below 20% in subsequent years.

<u>EWM</u>	2007	2008	2009	2010	2011
<b>Carman's</b>	58/60	59/72*	--/77*	74*/77	60/4*
<b>Grays</b>	86/86	50*/54*	37*/1*	45*/57*	56*/90
<b>Phelps</b>	65/67	60/69	29*/20*	50*/51*	41*/24*
<b>Gideon</b>			44/--	--/59	49/5*
<b>St. Albans</b>				72/70	54/0*

Key: Frequencies of occurrence, early season/late season  
 \* Indicates statistically significant difference from pre-treatment year

<u>CLP</u>	2007	2008	2009	2010	2011
<b>Carman's</b>	28/4	4*/0	--/0	3*/0	21/0
<b>Grays</b>	20/3	5*/0	23/1	0*/0	0*/0
<b>Phelps</b>	36/5	1*/7	40/3	0*/0*	24*/1*
<b>Gideon</b>			7/--	--/0	8/8
<b>St. Albans</b>				11/0	6/0*

Key: Frequencies of occurrence, early season/late season  
 \* indicates statistically significant difference from pre-treatment year

Additional data is forthcoming from September 2011.

## Assessment of the Lake Vegetation Management Plan Objectives, January 17, 2012

## Comments:

- None of the 2008 treatments provided EWM control to meet the objective, however, statistically significant reductions in EWM frequency occurred in Carmans and Grays Bays.
- The management objectives for EWM were met in 2009 for the two treated bays (Grays and Phelps); EWM returned to pre-treatment levels in Carmans Bay (no treatment in 2009).
- Grays Bay was not treated in 2010 or 2011, yet no matting milfoil has occurred (see photo).
- By 2011, the treatment protocols have been refined so EWM is controlled to <20% in all treated bays (Carmans, Phelps, Gideon & St. Albans) during the year of treatment.
- CLP has not been problematic for the most part. When treated, it is controlled to <20%.
- EWM frequencies have declined significantly following every treatment (except Phelps 2008). Even in years when the EWM decline has occurred, but not to <20%, EWM biomass and matting have been substantially reduced and have not been problematic (personal observations and reports from bay residents).

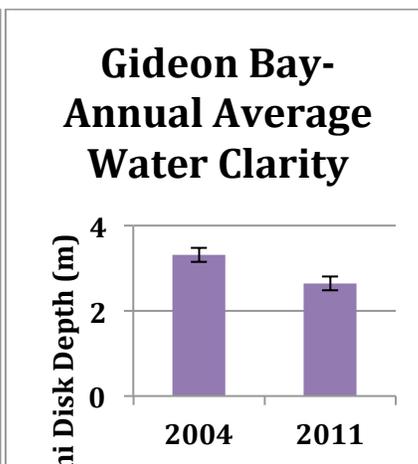
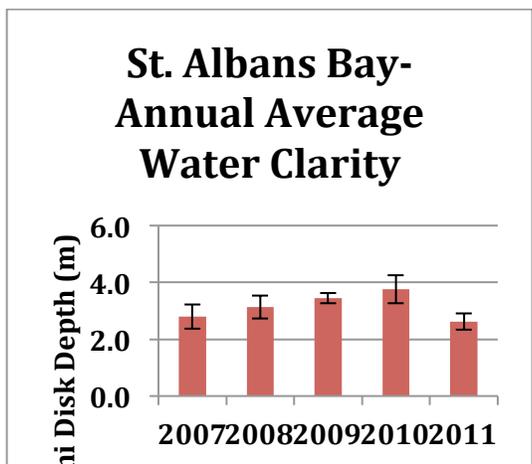
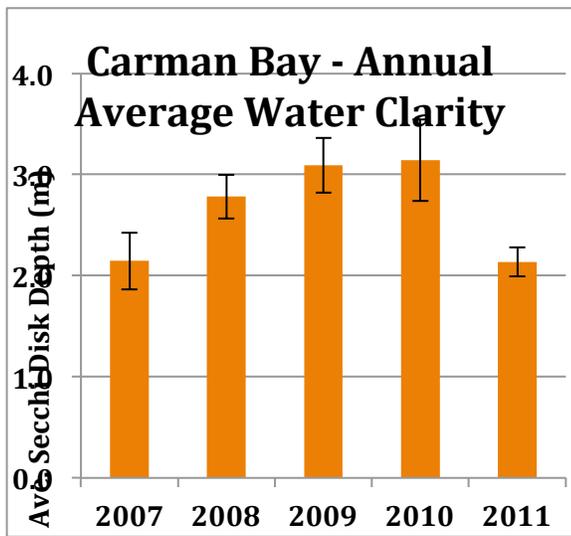
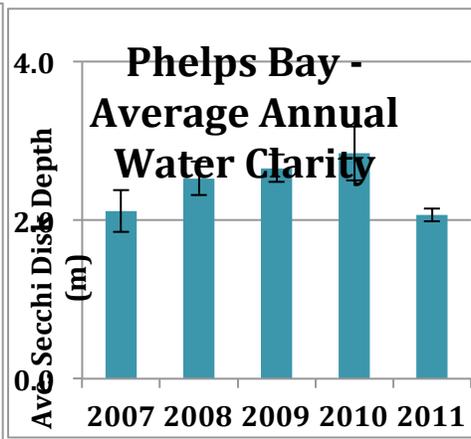
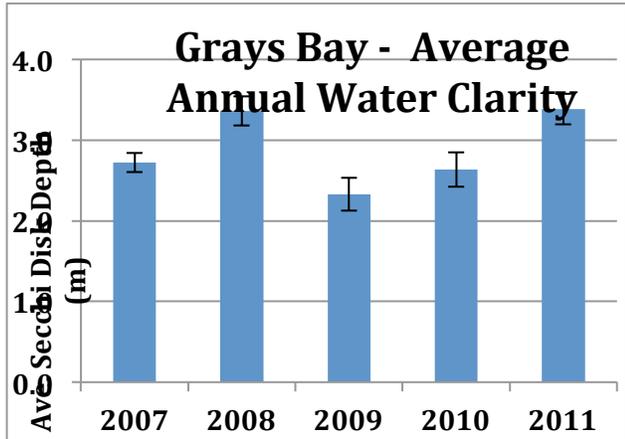


August 11, 2011

Assessment of the Lake Vegetation Management Plan Objectives, January 17, 2012

**Objective A-2** Water clarity in the bays will not be diminished as a result of the treatments.

The Minnehaha Creek Watershed District has monitored water clarity (as well as total phosphorus and chlorophyll, not reported here). Graphic results are shown below:



Assessment of the Lake Vegetation Management Plan Objectives, January 17, 2012

Comments:

- Grays Bay water clarity declined in 2009. However, the decline appears to be within the range of the pre-treatment year (2007). In addition, the lake level was about 2-feet below normal that season and there was no flow through the bay.
- Water clarity either had no change or increased in Carmans, Phelps and St. Albans Bays following treatments.
- Water clarity in Gideon Bay was diminished compared to 2004, the only comparison data available.
- Overall, there is little evidence of water clarity declines relating to the herbicide treatments.

**Objective A-3** An Annual assessment of user perceptions with respect to the treatments’ impacts on reducing interference with recreational activities and a reduction in lakeshore cleanup chores will be conducted to provide an additional objective basis for evaluating treatment effects.

The Lake Minnetonka Association polled all bay residents on the treated bays in 2008 via email. A summary of responses appears below:

	<u>Carmans</u>	<u>Grays</u>	<u>Phelps</u>
Did EWM interfere with recreation?	1	3	3
Improvements in your lakeshore clean up chores?	1	3	3
What was the overall effectiveness of the treatments?	1	3	3
Key	1 = poor; 2 = neutral; 3 = good Median response indicated		

The total number of responses was low (= 17), so little weight can be given to these results.

Comments:

- The Carmans Bay treatment was least effective and the respondents noted this. Indeed, because of the poor results, sufficient funding from the residents was not raised for a treatment in 2009.
- Despite poor results in terms of EWM frequency (>20%), the respondents had favorable impressions.
- Lakeshore residents have provided substantial voluntary financial support for this project. To-date, more than \$460,000 has been contributed. The Lake Minnetonka Association takes this as a significant demonstration of support.

The survey has not been repeated.

A related survey was posed on the Carmans Bay website in 2011. While this survey instrument was not specifically designed to evaluate the LVMP objective, the responses from all bays were overwhelmingly positive (see: <http://www.lakeminnetonkaforum.com/>) - 92% of respondents favor the herbicide treatments (see also the individual comments).

## Assessment of the Lake Vegetation Management Plan Objectives, January 17, 2012

**Objective B-1** The overall diversity of native submersed plants, as measured by mean number of native species per point (littoral zone), will be maintained or allowed to increase.

The mean numbers of submersed native plants per littoral sampling point are summarized below:

	2007	2008	2009	2010	2011
<b>Carmans</b>	1.6/1.6	1.2/1.8	--/1.7	2.0/2.1	1.7/1.9
<b>Grays</b>	2.9/2.9	2.4/2.7	2.3/2.3	2.8/2.8	1.8/3.2
<b>Phelps</b>	2.2/2.4	1.8/2.3	2.0/2.1	2.2/2.5	2.0/2.5
<b>Gideon</b>			1.8/--	--/2.3	3.1/2.9
<b>St. Albans</b>				2.0/1.8	--/2.4

Key: Values, early season/late season

### Comments:

- Native plants increased or remained the same in Carmans Bay following treatments.
- Native plants decreased in Grays and Phelps Bays, but have returned to pre-treatment levels in 2010 and 2011.
- Native plants increased in Gideon and St. Albans Bays following the treatments.
- By 2011, the treatment protocols have been refined so native plants remain unaffected or increase in all treated bays during the year of treatment.

**Objective C-1** [Not copied here] Allows for nuisance plant control by individuals.

This has been allowed and many lakeshore owners have received permits for nuisance control treatments.

**Objective D-1** The LVMP will be expanded to other bays in Lake Minnetonka, depending on a number of factors, including, but not limited to a) outcomes of the control and protection actions in the three bays (this plan), b) interest or demand from other bays, c) a significant change in the EWM of CLP situation elsewhere in Lake Minnetonka and d) the availability of financial resources.

Due to interest and demand from residents on Gideon and St. Albans Bays, the Lake Minnetonka Association developed LVMPs for those bays, which were implemented in 2011. The MN Department of Natural Resources and several Cities have granted funds in support of these treatments.

### Overall Comments

- The LVMP objectives have been substantially accomplished, especially when considering the modified treatment protocols (Grays 2009 and all treatments in 2011).

**Assessment of the Lake Vegetation Management Plan Objectives, January 17, 2012**

- While plant biomass has not been measured as part of this project, EWM and CLP biomass appear to be substantially reduced following all treatments. The biomass of native plants may have declined in treatment years in some bays, but the ecological impact of this (positive or negative) is difficult to evaluate.
- There have been some concerns regarding the impact of the herbicides on the fisheries, however, there is no evidence to support this.
- The overall objective of enhancing native plants (frequency) is unclear at this time.

The Lake Minnetonka Association, with the assistance of our Bay Captains and bay residents, has been the project manager for the Milfoil Control Demonstration Project since 2008. This phase of the project is scheduled to be completed in 2012 and we plan to continue this work after that.

The residents of Carmans, Gideon, Grays, Phelps and St. Albans Bays strongly support the milfoil control demonstration project and other Bays are interested in joining. The attached report summarizes the effectiveness of this project during the first four years. As we look forward to the treatments in 2012 and beyond, we ask the Cities of Lake Minnetonka for continuing support.

The attached report, “*Assessment of the Lake Vegetation Management Plan Objectives*,” demonstrates this project has been highly effective controlling milfoil and protecting native plants while maintaining water clarity.

Funding for this project has come largely from private, voluntary contributions from our members. We have received support from some Cities, the Minnesota Department of Natural Resources and the Lake Minnetonka Conservation District Save-the-Lake Fund (which are private contributions).

Below is a summary of the financial support we have received through 2011:

	Carmans	Gideon	Grays	Phelps	St. Albans	TOTAL
Residents	\$103,188	\$72,985	\$136,515	\$78,976	\$64,014	<b>\$455,678</b>
Cities	\$3,000	\$10,500	\$0	\$75,000	\$7,500	<b>\$96,000</b>
Save-the-Lake	\$29,865	\$0	\$21,887	\$38,820	\$0	<b>\$90,572</b>
MN DNR	\$35,758	\$8,250	\$28,639	\$43,889	\$8,250	<b>\$124,786</b>
<b>TOTAL</b>	<b>\$171,811</b>	<b>\$91,735</b>	<b>\$187,041</b>	<b>\$236,685</b>	<b>\$79,764</b>	<b>\$767,036</b>

Overall, Bay residents have contributed 59% of the total project funding, followed by the Minnesota Department of Natural Resources (16%), adjacent Cities (13%) and the Lake Minnetonka Conservation District’s Save-the-Lake Fund (12%).

However, funding has been uneven among the bays and among Cities:

	<u>Carmans</u>	<u>Gideon</u>	<u>Grays</u>	<u>Phelps</u>	<u>St. Albans</u>
Residents	60%	80%	73%	33%	80%
Cities	2%	11%	0	32%	9%
Save-the-Lake	17%	0	12%	16%	0
MN DNR	21%	9%	15%	19%	10%

\* Cities providing funding include: Excelsior, Greenwood, Minnetrista, Mound, Orono, Shorewood and Tonka Bay.

The Lake Minnetonka Association believes this is a worthy and sustainable program that provides substantial public benefits. We are asking that Lake Minnetonka Cities consider ongoing and coordinated support for this program in 2012 and into the future. In addition, we ask the Cities of Lake Minnetonka to direct your Lake Minnetonka Conservation District representatives to support the development of a comprehensive milfoil and invasive plant management plan for Lake Minnetonka. That plan should include the herbicide treatment program and should receive significant and reliable public funding.

LAKE MINNETONKA ASSOCIATION  
Open Letter to Cities, March 9, 2012

This project ought to be continued and supported as an ongoing and effective public program because:

- According to our analysis, the herbicide treatment program is more cost-effective (per acre of milfoil controlled) than the harvesting program.
- The herbicide program controls milfoil early in the season and for multiple seasons.
- The herbicide program uses products that are environmentally safe as they are registered by the US Environmental Protection Agency and permitted by the Minnesota Department of Natural Resources.
- The herbicide program requires no capital investments.
- The herbicide program is operated by licensed professionals.
- The herbicide program has significantly increased the public's use and enjoyment of the treated bays.

We ask:

- That you direct your LMCD Representative to have the Lake Minnetonka Conservation District develop a comprehensive milfoil (and other invasive plant) management plan for Lake Minnetonka to evaluate the overall milfoil and invasive plant problems, evaluate feasible, cost-effective management and control alternatives and implement a coordinated management program.
- The Lake Minnetonka Cities, either independently or through the Lake Minnetonka Conservation District provide ongoing funding for milfoil and invasive plant management on Lake Minnetonka.

We would appreciate the opportunity to appear before your City Council to review the herbicide program, address your questions and concerns and assist in working with your Lake Minnetonka Conservation District Representatives in developing a comprehensive management program for Lake Minnetonka.

Thanks.



Dick Osgood, Executive Director  
Lake Minnetonka Association



# LAKE MINNETONKA CONSERVATION DISTRICT

23505 SMITHTOWN ROAD, SUITE 120 • SHOREWOOD, MINNESOTA 55331 • TELEPHONE 952/745-0789 • FAX 952/745-9085

Gregory S. Nybeck, EXECUTIVE DIRECTOR

March 16, 2012

**NOTICE OF PUBLIC MEETING  
LAKE MINNETONKA CONSERVATION DISTRICT  
TUESDAY, MARCH 20, 2012  
6:00 P.M.**

The Lake Minnetonka Conservation District (LMCD) has scheduled with a meeting with a representative of Enviro Science to discuss the viability of using weevils as a means of managing Eurasian Watermilfoil (EWM) on Lake Minnetonka. The meeting will be conducted in the LMCD conference room commencing at 6:00 p.m.

Although it is possible that a quorum of the LMCD Board of Directors could be present, no formal action or decisions will be made at this meeting. Interested members from the public are welcome to attend.



**From:** Greg [<mailto:gnybeck@lmcd.org>]

**Sent:** Friday, March 16, 2012 1:35 PM

**To:** Dana Young; Kristi Luger; Gus Karpas; John Gunyou ([jgunyou@eminnetonka.com](mailto:jgunyou@eminnetonka.com)); Susanne Griffin; Mike Funk ([mfunk@ci.minnetrista.mn.us](mailto:mfunk@ci.minnetrista.mn.us)); Kandis Hanson; Jessica Loftus ([jloftus@ci.orono.mn.us](mailto:jloftus@ci.orono.mn.us)); Dan Tolsma ([Dtolsma@ci.spring-park.mn.us](mailto:Dtolsma@ci.spring-park.mn.us)); Joe Kohlmann ([jkohlmann@cityoftonkabay.net](mailto:jkohlmann@cityoftonkabay.net)); Don Uram; Al Orsen; Shelley Souers ([shelley@citywoodland.org](mailto:shelley@citywoodland.org)); Brian Heck ([bheck@ci.shorewood.mn.us](mailto:bheck@ci.shorewood.mn.us))

**Cc:** Kelsey Page ([kpage@lmcd.org](mailto:kpage@lmcd.org))

**Subject:** Three-Bay Herbicide Treatment Project

All:

Last week, I understand that you received the attached two documents from the Lake Minnetonka Association (LMA) relating to coordinated herbicide treatments on Lake Minnetonka. Since the Lake Minnetonka Conservation District (LMCD) has been a partner with the LMA on three of these bays for the past four years (Carmans, Grays, and Phelps), the submittal of these documents was surprising.

The LMCD has an Aquatic Invasive Species (AIS) Task Force, which includes representation of the LMA, that has served as the technical committee for Carmans, Grays, and Phelps Bays. The goal of this advisory committee was to assess goals and objectives spelled out in the approved Lake Vegetation Management Plan (LVMP) after the 2012 herbicide treatments. However, since the LMA has assessed the first four years of this project independent of the AIS Task Force, we will be scheduling a committee meeting in the near future to complete this exercise. Once this has been done, a Summary Report of the Task Force will be forwarded to you ASAP.

Please feel free to contact me with questions. Thanks and have a nice weekend!

Regards,

Greg Nybeck  
LMCD Executive Director  
(952) 745-0789



Agenda Number: **6A**

Agenda Date: 04-04-12

**Agenda Item:** Resolution 04-12, Hennepin County Recycling Program

**Summary:** At the 02-01-12 council meeting city clerk Gus Karpas gave a report regarding Hennepin county's new recycling program. The council directed Gus to apply for the county recycling grant and also directed Gus to contact the county to get a draft of the recycling agreement resolution for the council's consideration at the 03-07-12 council meeting. The city did not receive the resolution from the county in time for the 03-07-12 council meeting, so this item was continued to the 04-04-12 council meeting. A copy of the resolution was not available for the council packet deadline. If the resolution arrives before the council meeting, hard copies will be available at the meeting.

**Council Action:** None required. Possible motions ...

1. I move the council approves resolution 04-12 establishing a recycling agreement with Hennepin county.
2. Do nothing.



Agenda Number: **7A**

Agenda Date: 04-04-12

**Agenda Item:** Appointments and Assignments for 2012

**Summary:** The attached resolution is an update of the resolution that the council approved in January. Three changes have been made:

1. The city's auditing firm's name changed to CliftonLarsonAllen.
2. The list of planning commissioners and term expiration dates have been updated per the council's appointments made at the 03-07-12 council meeting.
3. State law requires the appointment of an Assistant Weed Inspector. Most cities designate the city clerk as their Assistant Weed Inspector, therefore Gus Karpas' name is added to the list of appointments as the Assistant Weed Inspector.

**Council Action:** Required. Possible motions ...

1. I move the council approves resolution 06-12 approving appointments and assignments for 2012.
2. I move the council approves resolution 06-12 approving appointments and assignments for 2012, with the following revision(s) \_\_\_\_\_.

## Resolution 06-12

### City of Greenwood Appointments and Assignments for 2012

Be it resolved that the city council of the city of Greenwood, Minnesota approves the following appointments for April 4, 2012 through December 31, 2012

OFFICE & DESIGNATIONS	2011 HOLDER	2012 HOLDER
Mayor Pro-Tem	Bob Quam	Bob Quam
Administrative Committee	Tom Fletcher, Deb Kind	Tom Fletcher, Deb Kind
Animal Enforcement Officer	South Lake Police Department	South Lake Police Department
Assessor	Hennepin County	Hennepin County
Attorney	Mark Kelly	Mark Kelly
Auditor	LarsonAllen	CliftonLarsonAllen
Bank Signatures	Kind, Quam, Courtney	Kind, Quam, Courtney
Building Official	Bob Manor	Bob Manor
Clerk	Gus Karpas	Gus Karpas
Depositories	Bridgewater Bank, Beacon Bank	Bridgewater Bank, Beacon Bank
Engineer	Bolton & Menk (Dave Martini)	Bolton & Menk (Dave Martini)
Fire Board Representative – 4th Wed (Jan, Mar, May, Jul, Sep, Nov)	Biff Rose, Alternate Kelsey Page	Biff Rose, Alternate Tom Fletcher
Forester / Tree Inspector	Jerry Hudlow	Manuel Jordan
Lake Minnetonka Communications Commission (LMCC) Representatives – 1 must be elected official, meets 3rd Tues (Feb, May, Aug, Nov)	Tom Fletcher, Lake Bechtell	Tom Fletcher, Vacant
Lake Minnetonka Conservation District (LMCD) Rep – 2nd and 4th Wed	Kelsey Page (2/14)	Kelsey Page (2/14)
Milfoil Project Liaison	Tom Fletcher	Tom Fletcher
Minnetonka Community Education (MCE) Representative – 4th Mon	Bob Quam	Bob Quam
Newspapers	Sun-Sailor, Star Tribune (alt.)	Sun-Sailor, Star Tribune (alt.)
Planning Commissioners – 3rd Wed	A-1 Brian Malo (3/12)	A-1 Douglas Reeder (3/14)
	A-2 John Beal (3/12)	A-2 John Beal (3/14)
	A-3 Dave Paeper (3/12)	A-3 Dave Paeper (3/14)
	B-1 Pat Lucking (3/13)	B-1 Pat Lucking (3/13)
	B-2 Bill Cook (3/13)	B-2 Bill Cook (3/13)
	Alt-1 Douglas Reeder (3/12)	Alt-1 Kristi Conrad (3/14)
	Alt-2 Kristi Conrad (3/13)	Alt-2 Vacant (3/13)
Planning Commission Liaison – 3rd Wed	Tom Fletcher	Tom Fletcher
Prosecutor	Greg Keller	Greg Keller
Responsible Authority (Govt. Data Practices Act)	Gus Karpas	Gus Karpas
Road and Sewer Liaison	Bob Quam	Bob Quam
South Lake Minnetonka Police Department (SLMPD) Coordinating Committee Representative (Must be mayor, meets quarterly)	Deb Kind, Alternate Bob Quam	Deb Kind, Alternate Bob Quam
Treasurer	Mary Courtney	Mary Courtney
Weed Inspector (Must be mayor), Assistant Weed Inspector	Deb Kind	Deb Kind, Assistant Gus Karpas
Zoning Administrator	Gus Karpas	Gus Karpas

**NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GREENWOOD, MINNESOTA** that any and all commissioners, appointees, representatives, delegates, or other non-elected officials of the city shall hold their official status or membership on a basis subject to resolution, subject to reconsideration, and/or removal at the insistence of the city council. This resolution is enacted pursuant to the codes of the city.

**ADOPTED** by the city council of the city of Greenwood, Minnesota this \_\_\_ day of \_\_\_\_\_, 2012.

There were \_\_\_ AYES and \_\_\_ NAYS as follows:

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<b>Greenwood City Council</b>	<b>YEAS</b>	<b>NAYS</b>	<b>ABSTAIN</b>	<b>ABSENT</b>
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Mayor Debra Kind  
Councilman Tom Fletcher  
Councilman H. Kelsey Page  
Councilman Bob Quam  
Councilman William (Biff) Rose

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CITY OF GREENWOOD

By: \_\_\_\_\_  
Debra J. Kind, Mayor

Attest: \_\_\_\_\_  
Gus E. Karpas, City Clerk



Agenda Number: **7B**

Agenda Date: 04-04-12

**Agenda Item:** Ordinance 209, Amending Code Section 1140.85, Subd. 2(4), Diseased Trees

**Summary:** The city's current code section 1140.85, subd. 2 reads as follows:

Subd. 2. Nuisance Declared. The following things are public nuisances whenever they are found within the city:

1. Any living or standing elm tree or part thereof infected to any degree with Dutch elm disease fungus, *Ceratocystis ulmi*, or which harbors any of the elm bark beetles, *Scolytus multistriatus* or *Hylurgopinus rufipes*.
2. Any dead or dying elm tree or part thereof, including logs, branches, stumps, firewood, or other elm material from which the bark has not been removed. Bark does not have to be burned (or otherwise effectively treated).
3. Any living or standing oak tree or part thereof infected to any degree with oak wilt, *Ceratocystis fagacearum*.
4. Any living or standing tree **infected** by any other **disease** determined to be harmful by the state of Minnesota.

If number 4 above is left unchanged, the city would have no authority to require the removal of trees affected by Emerald Ash Borers, Gypsy Moths or other insects, since these type of infestations are not "diseases." Therefore the city tree inspector recommends replacing the words "infected" and "disease" with the broader terms of "affected" and "pathogen."

Proposed changes:

4. Any living or standing tree ~~infected~~ affected by any other ~~disease~~ pathogen determined to be harmful by the state of Minnesota.

Clean version (also shown on the attached ordinance):

4. Any living or standing tree affected by any other pathogen determined to be harmful by the state of Minnesota.

**Council Action:** None required. Possible motions ...

1. I move the council approves ordinance \_\_\_ as written.
2. I move the council approves ordinance \_\_\_ with the following revision(s) \_\_\_\_\_.
3. Do nothing.

**AN ORDINANCE OF THE CITY OF GREENWOOD, MINNESOTA AMENDING  
GREENWOOD ORDINANCE CODE SECTION 1140.85, SUBDIVISION 2(4) REGARDING DISEASED TREES**

THE CITY COUNCIL OF THE CITY OF GREENWOOD, MINNESOTA DOES ORDAIN:

SECTION 1.

Greenwood ordinance code section 1140.85, subdivision 2(4) is amended to read as follows:

“4. Any living or standing tree affected by any other pathogen determined to be harmful by the state of Minnesota.”

SECTION 2.

Effective Date. This ordinance shall be effective upon publication according to law.

Enacted by the city council of the city of Greenwood, Minnesota this \_\_\_ day of \_\_\_\_\_, 2012.

There were \_\_\_ AYES and \_\_\_ NAYS as follows:

<b>Greenwood City Council</b>	<b>YEAS</b>	<b>NAYS</b>	<b>ABSTAIN</b>	<b>ABSENT</b>
Mayor Debra Kind				
Councilman Tom Fletcher				
Councilman H. Kelsey Page				
Councilman Bob Quam				
Councilman William (Biff) Rose				

CITY OF GREENWOOD

By: \_\_\_\_\_  
Debra J. Kind, Mayor

Attest: \_\_\_\_\_  
Gus E. Karpas, City Clerk



Agenda Number: **7C**

Agenda Date: 04-04-12

**Agenda Item:** Letter of Support for Inflow & Infiltration Project Grants

**Summary:** The city received the attached email from at Metro Cities government relations specialist Charlie Vander Aarde. According to the Metro Cities' website, their "primary objective is to be an effective voice for metropolitan cities at the legislature and Metropolitan Council, so as to influence state legislation affecting metro area cities, and regional policies that accommodate the needs of metro area cities. Metro Cities lobbies on a wide range of policies, over 60 in all, including transportation, local government aids and credits, wastewater, redevelopment and housing. Legislative policies are developed each year by consensus of our membership."

Metro Cities works closely with the League of Minnesota Cities. The city of Greenwood is a member of the League of Minnesota Cities.

Mr. Vander Aarde is seeking support for Metro Cities' \$8 million bonding request for inflow and infiltration mitigation on local public sewer infrastructure. The Senate bill is [SF1862](#) (G. Olson) and the House bill is [HF2286](#) (Loon). Both bills are attached. Any bonding dollars secured this year would be available to cities through a grant process administered by the Met Council as was done with money received in 2010. The city of Greenwood received some of this grant money for I&I projects in 2011.

**Council Action:** No action required. Possible motions ...

1. I move that the council authorizes the mayor to send a letter expressing support for Senate bill [SF1862](#) and House bill [HF2286](#) to Sen. Dave Senjem (Bonding chair and Majority Leader), Sen. John Pederson (Bonding Vice Chair), Sen. Gen Olson (bill author and SD33), Rep. Larry Howes (Bonding Chair), Rep. Jenifer Loon (bill author), and Rep. Connie Doepke (33B).
2. Do nothing.

**From:** Charlie Vander Aarde [mailto:charlie@metrocitiesmn.org]  
**Sent:** Monday, March 19, 2012 11:13 AM  
**To:** [guskarpas@mchsi.com](mailto:guskarpas@mchsi.com)  
**Cc:** Patricia Nauman  
**Subject:** I/I letters of support

Dear Gus,

Thank you for your call this morning and your offer to send letters/emails to support Metro Cities \$8 million bonding request for inflow and infiltration mitigation on local public sewer infrastructure. The Senate bill is [SF1862](#) (G. Olson) and the House bill is [HF2286](#) (Loon). Competition for bonding dollars will be fierce. We are meeting with legislators and committee chairs, but it is very important that legislators hear directly from their local city officials.

Our message to legislators has included the following elements:

- Inflow and Infiltration are the terms used for when clean water enters the sewer system through aging or broken infrastructure, and ends up being treated unnecessarily.
- This bill assists cities with the extensive and often costly repairs associated with I/I mitigation; cities are compelled to treat I/I to avoid being surcharged by the Metropolitan Council.
- Mitigating inflow and infiltration at the local level is more cost effective as it saves cities across the region potentially over \$1 billion by alleviating the need for new regional wastewater capacity.
- I&I is a significant public health/environmental concern. Mitigation helps assure the functionality of local infrastructure to avoid leaks, sewer backups, etc. that are dangerous to health and safety.

Address the Senate letter to Sen. Dave Senjem (Bonding chair and Majority Leader) and copy Sen. John Pederson (Bonding Vice Chair) and Sen. Gen Olson (bill author and SD33). Address the House letter to Rep. Larry Howes (Bonding Chair), Rep. Jenifer Loon (bill author) and Rep. Connie Doepke (33B). If you have any questions, or need information on contacting your legislators, please click here: <http://www.leg.state.mn.us/leg/districtfinder.aspx> or contact me.

If you have specific stories/examples to share, that's also helpful for legislators to know. Any bonding dollars secured this year would be available to cities through a grant process administered by the Met Council, as we did with the \$3 million we received in 2010. Please contact your local legislators as soon as possible to let them know that you support Metro Cities' inflow and infiltration bonding legislation! Please contact me with any questions.

Charlie Vander Aarde  
Government Relations Specialist  
METRO CITIES  
651.215.4001 direct  
651.366.7564 mobile  
@MetroCitiesMN

This Document can be made available in alternative formats upon request

State of Minnesota  
HOUSE OF REPRESENTATIVES

EIGHTY-SEVENTH SESSION

H. F. No. 2286

02/15/2012 Authored by Loon, Runbeck, Garofalo, Hansen and Doepke

The bill was read for the first time and referred to the Committee on Environment, Energy and Natural Resources Policy and Finance

1.1 A bill for an act  
1.2 relating to capital investment; appropriating money for grants to metropolitan  
1.3 area cities to address inflow and infiltration in the sewer system; authorizing  
1.4 the sale and issuance of state bonds.

1.5 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

1.6 Section 1. **METROPOLITAN CITIES INFLOW AND INFILTRATION GRANTS.**

1.7 Subdivision 1. **Appropriation.** \$8,000,000 is appropriated from the bond proceeds  
1.8 fund to the Metropolitan Council for grants to cities within the metropolitan area, as  
1.9 defined in Minnesota Statutes, section 473.121, subdivision 2, for capital improvements in  
1.10 municipal wastewater collection systems to reduce the amount of inflow and infiltration to  
1.11 the Metropolitan Council's metropolitan sanitary sewer disposal system. To be eligible for  
1.12 a grant, a city must be identified by the Metropolitan Council as a contributor of excessive  
1.13 inflow or infiltration and must be subject to the council's inflow and infiltration surcharge.  
1.14 Grants from this appropriation are for up to 50 percent of the cost to mitigate inflow and  
1.15 infiltration in the publicly owned municipal wastewater collection systems. The council  
1.16 must award grants based on applications from eligible cities that identify eligible capital  
1.17 costs and include a timeline for inflow and infiltration mitigation construction, pursuant  
1.18 to guidelines established by the council.

1.19 Subd. 2. **Bond sale.** To provide the money appropriated in subdivision 1 from the  
1.20 bond proceeds fund, the commissioner of management and budget shall sell and issue  
1.21 bonds of the state in an amount up to \$8,000,000 in the manner, upon the terms, and with  
1.22 the effect prescribed by Minnesota Statutes, sections 16A.631 to 16A.675, and by the  
1.23 Minnesota Constitution, article XI, sections 4 to 7.

2.1 **EFFECTIVE DATE.** This section is effective the day following final enactment.



2.1 **EFFECTIVE DATE.** This section is effective the day following final enactment.



Agenda Number: **7D**

Agenda Date: **04-04-12**

**Agenda Item:** Auditing Services for 2013-2015

**Summary:** The city received an email (attached) from CliftonLarsonAllen partner Jen Foley with the proposed 1% annual increase in the auditing service fees for the next three years:

2012 audit to be completed in 2013: \$9390

2013 audit to be completed in 2014: \$9480

2014 audit to be completed in 2015: \$9570

Plus a 1/2 day meeting with Brady Hoffman in November each year: \$740

The council put out a request for proposals (RFPs) for auditing services for 2009-2011. At that time the city chose to switch to LarsonAllen who was the lowest bidder by far. Therefore it is the administrative committee's recommendation that the council continues working with CliftonLarsonAllen through 2015.

**Council Action:** No action required. Possible motions ...

1. I move the council approves the following costs for auditing services from CliftonLarsonAllen through 2015:
  - a. 2012 audit done in 2013: \$9390
  - b. 2013 audit done in 2014: \$9480
  - c. 2014 audit done in 2015: \$9570
  - d. Plus a 1/2 day meeting with Brady Hoffman in November each year: \$740
2. Do nothing.

**From:** "Foley, Jennifer M." <Jennifer.Foley@cliftonlarsonallen.com>  
**Subject:** RE: Recap  
**Date:** March 12, 2012 4:46:01 PM CDT  
**To:** Debra Kind <dkind100@gmail.com>  
**Cc:** <tletcher@aexcom.com>, "Hoffman, Brady J." <Brady.Hoffman@cliftonlarsonallen.com>

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Sounds good. Brady's rate is \$185. I know we may have some adjustments mid-year with raises, etc, but I will guarantee the \$185/hour.

Thanks,



**CliftonLarsonAllen**

**Jen Foley, CPA, Partner**

Nonprofit, CliftonLarsonAllen LLP

Direct 612-376-4773, Mobile 651-238-4874

[jennifer.foley@cliftonlarsonallen.com](mailto:jennifer.foley@cliftonlarsonallen.com)

Main 612-376-4500, Fax 612-376-4850

220 South Sixth Street, Suite 300, Minneapolis, MN 55402-1436

**LarsonAllen is now CliftonLarsonAllen.**

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**From:** Debra Kind [mailto:dkind100@gmail.com]  
**Sent:** Monday, March 12, 2012 4:41 PM  
**To:** Foley, Jennifer M.  
**Cc:** tletcher@aexcom.com; Hoffman, Brady J.  
**Subject:** Re: Recap

Jen --

Thanks for the recap note. I agree. I think the council meeting presentation went well. Tom and I are comfortable with the plan going forward, including the idea of meeting with Brady in late November and the estimates for 2013 and 2014. However, we do need to get the council's blessing before making a commitment. Please send us Brady's rate for a half day, so we can make sure to include that amount in the numbers we show the council.

Thanks!

**Debra J. Kind**

Mayor, City of Greenwood

[dkind100@gmail.com](mailto:dkind100@gmail.com)

[www.greenwoodmn.com](http://www.greenwoodmn.com)

H 952.401.9181

C 612.718.6753

Cell rolls to house

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On Mar 12, 2012, at 1:53 PM, Foley, Jennifer M. wrote:

Hi Deb and Tom –

Hope you were both able to enjoy the beautiful weather this weekend! I wanted to send you a quick email to recap the audit and come up with the game plan we discussed for next year. Also, thank you for the meeting. I thought it went well – I hope you thought so too.

One of the things we had discussed as a group was coming out there in late November to go through adjustments and some of the other transactions so your team could make the journal entries ahead of us arriving during fieldwork.

Item's that we would go over:

1. Cash to accrual entries, which would include helping/training on how to put together a prepaid listing, accounts receivable and accounts payable.
2. Review of the fixed asset listing. We will send you the most up to date one we have, so everyone can review and make sure if there needs to be any additions/deletions for next year.

I think this would probably be about ½ day's worth of time. Most likely it would be Brady that would come out. We would bill for this as additional time, but then going forward I do think this will make the audit much more efficient and you will be able catch anything much in advance of us doing the audit fieldwork. And certainly, if there are any questions during the year, don't hesitate to ask us.

Lastly, the audit fee for this year was \$9,300. I would propose a 1% increase in fees for the next three years. That would be \$9,390 for 2012; \$9,480 for 2013 and \$9,570 for 2014. Essentially \$90 increase each year.

Let me know your thoughts and what you think of this proposed approach.

Thanks!



**CliftonLarsonAllen**

**Jen Foley, CPA, Partner**

Nonprofit, CliftonLarsonAllen LLP

Direct 612-376-4773, Mobile 651-238-4874

[jennifer.foley@cliftonlarsonallen.com](mailto:jennifer.foley@cliftonlarsonallen.com)

Main 612-376-4500, Fax 612-376-4850

220 South Sixth Street, Suite 300, Minneapolis, MN 55402-1436

**LarsonAllen is now CliftonLarsonAllen.**



**Agenda Item:** Potential City Dock Extension (due to shallow water)

**Summary:** On 02-07-12 the Minnehaha Creek Watershed District (MCWD) reported the water level reading on Lake Minnetonka to be 927.93 feet. When the lake level falls below 928.0 feet, the Lake Minnetonka Conservation District (LMCD) code states that the board of directors may allow temporary dock length extensions for licensed multiple dock facilities such as the Greenwood city docks. The following LMCD regulation applies:

LMCD Section 1.07, Subd. 9 -- Temporary Low Water Variances. During periods when the Lake level falls below elevation 928.0 feet NGVD, the Board may issue temporary low water variances for multiple docks and moorings in locations or configurations not otherwise allowed by this Code. Such variances shall be subject to the provisions of this section; provided, however, that the Board may waive application requirements of subdivision 4 and may waive the public hearing requirement of subdivision 6. No such variance shall be granted which provides storage for more watercraft or larger watercraft than would be allowed without a variance. Temporary low water variances may be issued for a specified term or for such time as low water conditions continue as determined by the Board. Removal or relocation for the winter season may be required.

According to Judd Harper at the LMCD, temporary low water variances for multiple dock facilities typically are reviewed at the Board level and would take approximately two weeks to process. Judd said the LMCD Board is expected to take action regarding a low water emergency on March 28. The results will not be known by the council packet deadline, so an update on the Board decision will be given at the council meeting. Judd also said even though LMCD Section 1.07 for multiple docks does not reference lake elevation, he believed the Board would limit an extension to get to the depth that a site normally would have at a lake elevation of 929.4 feet (the requirement for residential docks extensions during low water, LMCD Section 2.01, Subd. 2(d)).

According to city code section 425.35, the boating season is May 15 to October 15. However, the city docks typically go in shortly after the ice is out on St. Alban's Bay. This is because the docks usually are stored by floating in the open water at Bean's Marina during the winter and Bean's is anxious to get the docks out of their way as soon as possible in the spring. This past winter Bean's needed the dock storage area to do a winter project, so the docks were stored on shore by the Georgetown apartments. Therefore, this spring there is no pressure from Bean's to install the city docks.

Tim Laturner from Dock & Lift, Inc. (the city's dock contractor) said he can extend the docks if the city desires and he will wait for direction from the city before installing the docks this spring. The cost for the extension would be \$1485 to \$1980 (3 to 4 sections x \$495 per section).

To ensure the city docks are installed in a timely manner and to avoid the necessity to call a special council meeting, the council may want to consider taking action (see possible motion below) at the 04-04-12 council meeting.

**Council Action:** No action required. Possible motions ...

1. I move the council approves the following:
  - a. If the LMCD Board declares a low-water emergency by \_\_\_\_\_ (date), the city clerk is authorized to submit a request for a temporary low water variance from the LMCD to extend the city docks on St. Alban's Bay to ensure the inside slips have the same water depth as when the lake level is at the normal 929.4 ft. level.
  - b. If the variance is approved, the city clerk is authorized to order the usual installation of the St. Alban's Bay dock system from Dock & Lift, Inc. with the addition of a dock extension in an amount not to exceed \$1980 paid from the city's marina fund.
  - c. If the variance is not approved or the LMCD Board does not declare a low-water emergency by \_\_\_\_\_ (date), the city clerk is authorized to order the usual installation of the St. Alban's Bay dock system from Dock & Lift, Inc.
2. Do nothing.

Begin forwarded message:

**From:** "Lake Minnetonka Conservation District" <lmcd@lmcd.org>

**Date:** March 8, 2012 1:51:19 PM CST

**Subject: Lake Minnetonka Conservation District Press Release  
"LMCD Monitors Water Levels on Lake Minnetonka"**

Good Afternoon:

Please find attached a press release from the Lake Minnetonka Conservation District (LMCD). This press release entitled, "Lake Minnetonka Conservation District Monitors Water Levels on Lake Minnetonka" is intended to educate the Lake stakeholders that the LMCD is monitoring the Lake's water levels and projected April precipitation should specific rules be enacted for temporary dock length extensions.

Your assistance in providing this important information to those that you think would benefit from the information provided within the press release, would be greatly appreciated. Additionally, LMCD Director Greg Nybeck is available to answer any questions you may have.

Thank you, in advance, for your consideration.

Emily Herman  
Administrative Assistant  
Lake Minnetonka Conservation District  
23505 Smithtown Road, Suite 120  
Shorewood, MN 55331

952-745-0789 - Office

952-745-9085 - Fax

[eherman@lmcd.org](mailto:eherman@lmcd.org)



# LAKE MINNETONKA CONSERVATION DISTRICT

23505 SMITHTOWN ROAD, SUITE 120 • SHOREWOOD, MINNESOTA 55331 • TELEPHONE 952/745-0789 • FAX 952/745-9085

Gregory S. Nybeck, EXECUTIVE DIRECTOR

March 8, 2012

LMCD NEWS- FOR IMMEDIATE RELEASE

**Contact:** Greg Nybeck, Executive Director  
(952) 745-0789 or [gnybeck@lmcd.org](mailto:gnybeck@lmcd.org)

## Lake Minnetonka Conservation District Monitors Water Levels on Lake Minnetonka

Below normal precipitation since last fall has been on the forefront of discussion for many Lake Minnetonka residents. While the water may seem low now, historical Lake levels were similar in 2000 and 2009. Additionally, levels were dramatically lower in the late 1980's and early 1990's.

On February 7<sup>th</sup>, the Minnehaha Creek Watershed District (MCWD) reported the water level reading on Lake Minnetonka to be 927.93 feet. When Lake levels fall below 928.0 feet, the Lake Minnetonka Conservation District (LMCD) Code states that the Board of Directors may approve a resolution that allows for temporary dock length extensions for licensed (multiple dock facilities) and unlicensed (primarily residential) sites on Lake Minnetonka. An overview of those Code sections (Code Sections 1.07, subd. 9 and 2.01, subd 2d, respectively) and their specific conditions that apply can be found on the LMCD's website at [www.lmcd.org](http://www.lmcd.org), under Rules and Regulations.

The MCWD will begin taking regular Lake level readings in mid to late-March. Those readings, projected April precipitation, and the LMCD Code will be discussed by the LMCD Board at their March 28<sup>th</sup> Regular Board Meeting.

For further information on the LMCD Code pertaining to temporary low water dock extensions, contact the LMCD office at (952) 745-0789. For information on the current and historical Lake Minnetonka water level readings and Grays Bay Dam discharge rates, as well as management policy and operational procedure questions for the Grays Bay Dam, please visit the MCWD's website at [www.minnehahacreek.org](http://www.minnehahacreek.org) or contact their office at (952) 471-0590.



Agenda Number: **7F**

Agenda Date: 04-04-12

**Agenda Item:** Potential Excelsior Blvd. Water Project

**Summary:** Councilman Fletcher requested this item be included on the agenda for discussion.

**Council Action:** No action required.



Agenda Number: **9A-E**

**Agenda Item:** Council Reports

**Summary:** This is an opportunity for each council member to present updates and get input regarding various council assignments and projects. Related documents may be attached to this cover sheet.

**Council Action:** None required.



Agenda Number: **FYI**

**Agenda Item:** FYI Items in Council Packet

**Summary:** The attached items are included in the council packet for your information (FYI) only. FYI items typically include planning commission minutes, ViBES (Violations Bureau Electronic System) report of traffic citations processed by Hennepin County District Court, monthly report of activity on the Greenwood website, and other items of interest to the council.

**Council Action:** No council action is needed for FYI items.



March 12, 2012

Commissioner Jan Callison  
Hennepin County Commission  
A-2400 Government Center  
Minneapolis MN 55487

Commissioner Callison,

On behalf of the Greenwood city council, I am writing to let you know we oppose any changes to the current 911 dispatch fee policy. During our council's discussion of this topic it was noted that if cities are charged for their 911 use, Greenwood theoretically would benefit because our tax capacity is high compared to our percentage of use. However, adding 911 charges to the city's budget would mean city taxes would need to be increased to cover the added expense. The council decided that it is extremely unlikely there would be a corresponding reduction in county taxes paid by Greenwood residents. Therefore, we came down on the side of staying with the current 911 dispatch policy, whereby costs are paid through county taxes.

Please call me if you would like to discuss further.

Sincerely,

Debra J. Kind  
Mayor, City of Greenwood



March 12, 2012

County Assessor Jim Atchison  
Hennepin County Assessor Department  
A-2103 Government Center  
300 South Sixth Street  
Minneapolis MN 55487-0213

Re: Assessment Agreement A101050

Dear Mr. Atchison,

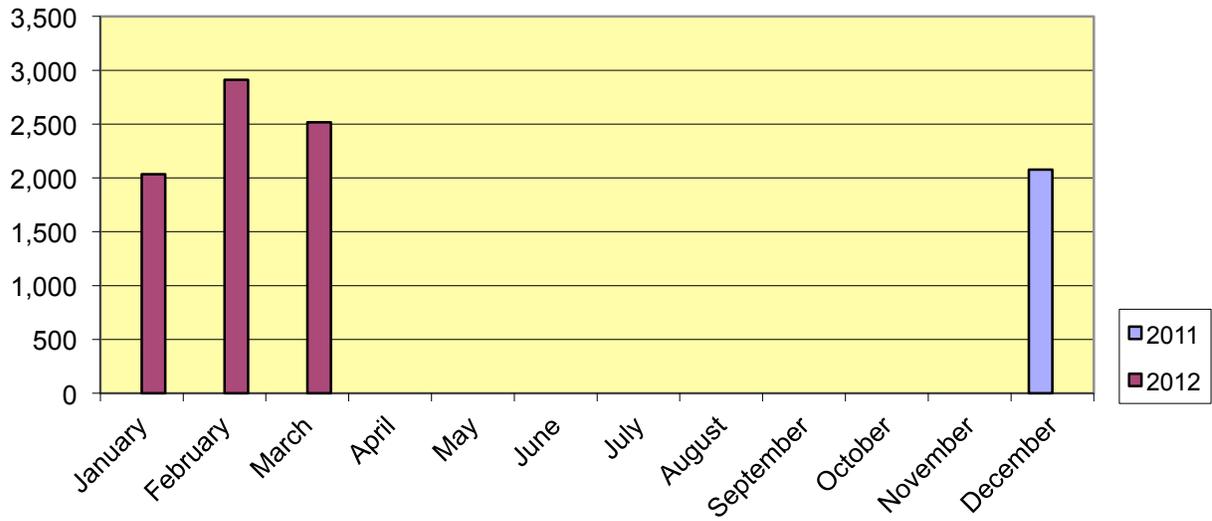
On behalf of the Greenwood city council, I am writing in response to your February 1, 2012 letter to let you know it is our intent to extend our contract with the Hennepin County Assessor Department for a term of two additional years, with a new expiration date of July 31, 2014.

We appreciate the efforts of you and your staff in addressing our assessment concerns and look forward to building on the relationship we have established.

Sincerely,

Debra J. Kind  
Mayor, City of Greenwood

### City of Greenwood Website Total Hits



<b>Month</b>	<b>2011</b>	<b>2012</b>	<b>Variance with Prior Month</b>	<b>Variance with Prior Year</b>
January	0	2,034	-43	2,034
February	0	2,911	877	2,911
March	0	2,516	-395	2,516
April	0	0	-2,516	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	2,077	0	0	-2,077



## Site Statistics

Use this reporting tool to see your site statistics for your public site for this month or the previous month. Statistics for the Administration (or "admin") side of your site are not included in this report. Additionally, visits you make to your own site while administering it are not included in these statistics. All data collected before the previous month has been purged from our system and is not available for use; therefore, we recommend printing this report each month for your records.

The first report - Page Views by Section - shows total page views for each section. The second report - Unique Visitors by Section - shows the total page views for each section without the return visitors (showing only views from unique IP addresses). For example, if you browse to a page today, and then browse to that same page tomorrow, your viewing of that page would only be counted once in the unique (second) report.

Each report lists sections in page view order (highest number of page views first) and only lists sections that have had traffic within the reporting period. It does not list those sections without traffic.

**Begin Date**

**End Date**

**Report Name**

### Page Views by Section

Section	Page Views	Percent of Total
<a href="#">Default Home Page</a>	1100	43.72%
<a href="#">Agendas, Packets &amp; Minutes</a>	195	7.75%
<a href="#">City Departments</a>	94	3.74%
<a href="#">Mayor &amp; City Council</a>	76	3.02%
<a href="#">Welcome to Greenwood</a>	76	3.02%
<a href="#">Budget &amp; Finances</a>	74	2.94%
<a href="#">Crime Alert!</a>	73	2.9%
<a href="#">Docks</a>	65	2.58%
<a href="#">Planning Commission</a>	63	2.5%
<a href="#">Forms &amp; Permits</a>	54	2.15%
<a href="#">RFPS &amp; Bids</a>	51	2.03%
<a href="#">Assessments &amp; Taxes</a>	42	1.67%
<a href="#">Photo Gallery</a>	39	1.55%
<a href="#">Search Results</a>	39	1.55%
<a href="#">Code Book</a>	35	1.39%
<a href="#">What's New?</a>	33	1.31%
<a href="#">Links</a>	31	1.23%
<a href="#">Comprehensive Plan &amp; Maps</a>	31	1.23%
<a href="#">Events</a>	31	1.23%
<a href="#">Meetings</a>	29	1.15%
<a href="#">Xcel Project</a>	27	1.07%
<a href="#">Milfoil Project</a>	24	0.95%
<a href="#">Southshore Center</a>	22	0.87%
<a href="#">Spring Clean-Up Day</a>	20	0.79%
<a href="#">Meetings on TV</a>	20	0.79%

**Quick Tips**

The reports offered in your Site Statistics tool only track activity on the public side of your site.

In each report, a section named "Default" and a section named "Home" may appear.

A page view gets attributed to "Default" when a visitor to your site types your URL into his or her Web browser. In most cases, the "Default" section is your Home Page.

A page view gets attributed to "Home" each time a visitor clicks the "Home" button on your Web site.

In the Page View (Default) report, only sections with Web traffic are reported and they are listed in page view order.

In the Page View by Section report, sections are listed in the order they appear in the navigation menu and are reported regardless of their traffic level.

In the Referrers report, it is important to remember that your own site acts like a referrer. So, don't be surprised if you see your own Web address(es) listed -- this tracks the number of times people went from one part of your site to another.

<a href="#">Email List</a>	19	0.76%
<a href="#">Animal Services</a>	18	0.72%
<a href="#">Garbage &amp; Recycling</a>	18	0.72%
<a href="#">Swiffers NOT Flushable</a>	18	0.72%
<a href="#">Health &amp; Safety</a>	17	0.68%
<a href="#">Well Water</a>	15	0.6%
<a href="#">Old Log Greenwood Night</a>	14	0.56%
<a href="#">Lake Minnetonka</a>	14	0.56%
<a href="#">Community Surveys</a>	12	0.48%
<a href="#">Elections</a>	12	0.48%
<a href="#">Emergency Preparedness</a>	8	0.32%
<a href="#">Unsubscribe</a>	7	0.28%
<b>TOTAL</b>	<b>2516</b>	<b>100%</b>

### Unique IPs by Section

Section	Unique IPs	Percent of Total IPs
Default Home Page	346	27.16%
Agendas, Packets & Minutes	86	6.75%
City Departments	66	5.18%
Welcome to Greenwood	57	4.47%
Crime Alert!	56	4.4%
Mayor & City Council	54	4.24%
Planning Commission	38	2.98%
Forms & Permits	38	2.98%
Docks	35	2.75%
Photo Gallery	32	2.51%
Budget & Finances	28	2.2%
Code Book	27	2.12%
Assessments & Taxes	27	2.12%
What's New?	27	2.12%
Comprehensive Plan & Maps	26	2.04%
RFPs & Bids	25	1.96%
Links	24	1.88%
Meetings	22	1.73%
Events	20	1.57%
Milfoil Project	18	1.41%
Xcel Project	18	1.41%
Spring Clean-Up Day	18	1.41%
Swiffers NOT Flushable	17	1.33%
Animal Services	16	1.26%
Health & Safety	15	1.18%
Search Results	15	1.18%
Southshore Center	15	1.18%
Email List	15	1.18%
Garbage & Recycling	15	1.18%
Lake Minnetonka	13	1.02%
Meetings on TV	12	0.94%
Well Water	12	0.94%
Old Log Greenwood Night	12	0.94%
Community Surveys	10	0.78%
Elections	9	0.71%
Emergency Preparedness	6	0.47%
Unsubscribe	4	0.31%
<b>TOTAL</b>	<b>1274</b>	<b>100%</b>

Generate Download File (.csv) for the current report: [Generate and Download](#)



March 19, 2012

William and Beverly Wright  
5040 Greenwood Circle  
Greenwood, MN 55331

**Re: Rainbow Tree Removal Invoice**

Dear William and Beverly,

Attached please find a copy of the invoice from Rainbow Tree in the amount of \$1504.53 for the removal of two dead/diseased Elm trees on your property. As previously agreed to, you will to reimburse the city said amount no later than September 1, 2012. If paying by check, please make it payable to the City of Greenwood.

The city appreciates your willingness to work with us to eliminate the public nuisance and bringing your property in compliance with the ordinance.

Thank you for your prompt attention to this matter. I welcome any questions you may have.

Sincerely,

Gus Karpas  
City Clerk

Cc: File  
Mayor Kind and City Councilmembers  
City Attorney Mark Kelly



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### MEMORANDUM

**Date:** March 20, 2012  
**To:** David Martini, Dan Faulkner, Sheila Krohse, Kreg Schmidt  
**From:** Bob Bean  
**Subject:** Upper Minnehaha Creek Watershed TMDL Study

---

The Minnesota Pollution Control Agency (MPCA) is beginning work on a new Total Maximum Daily Load (TMDL) Study for the Upper Minnehaha Creek Watershed that will address 20 different lakes and bays that are impaired for nutrients, specifically phosphorus, and Painter Creek, which is impaired for E. coli bacteria. The MPCA will partner with the Minnehaha Creek Watershed District (MCWD) to complete this study, and they held their Project Kick-Off Meetings on March 7<sup>th</sup> and 8<sup>th</sup> to provide Cities and the public with general information regarding the process, schedule, and expected impacts. I attended the Kick-Off meeting on behalf of BMI and our clients, and following is a brief summary of the information presented that you can pass along to your cities:

- Meetings at key milestones in the process to obtain stakeholder input will be held. Information and updates will also be provided through letters, email, and MCWD's website. Some of the key milestones include:
  - April to May 2012 – Stakeholder meetings to review preliminary modeling and discuss load allocation approaches
  - May to October 2012 – Periodic meetings to provide updates
  - December 2012 to February 2013 – Distribution of a draft TMDL report for informal review with stakeholder meetings, revisions, and a formal review period to follow
  - Summer 2013 – Final TMDL report with stakeholder meetings and comment period
- MCWD's current Comprehensive Water Resources Management Plan (CWRMP) is structured like a TMDL report as a proactive way to begin addressing existing impairments and prevent future impairments. This TMDL Study will build on MCWD's existing modeling and waste load allocations in an effort to avoid duplication and contradicting requirements.
- This TMDL study will include wasteload allocations for cities that will need to be incorporated into the cities' SWPPPs. There may be inconsistencies between the TMDL study and the current MCWD plan initially. However, MCWD aims to make these allocations as consistent as possible, and during the next revision of their CWRMP, the district's plan will be aligned to match the TMDL Study.
- Lakes and bays not classified as impaired on the MPCA's list will still have to meet the allocations required by the MCWD plan.

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- The ultimate goal of the MPCA for water quality in this watershed is to achieve a phosphorus concentration of 40ug/l. The allocations for the current MCWD plan and this TMDL Study are intended to achieve a concentration of 70ug/l. Therefore, future wasteload allocations may be decreased in order to achieve the ultimate goal.

I will continue to monitor this process and provide updates when available. Also, additional information regarding the general TMDL Study process and Upper Minnehaha Creek Watershed TMDL Study are available on MCWD's website at <http://www.minnehahacreek.org/projects/studies/total-maximum-daily-load-tmdl-studies>. If you have any questions or comments, please contact me to discuss.

## CITY OF GREENWOOD

NOTICE IS HEREBY GIVEN, that the Board of Appeal and Equalization of the City of Greenwood will meet at 6:00 p.m. on Thursday, April 12, 2012 at Deephaven City Hall, 20225 Cottagewood Road, Deephaven, MN 55331. The purpose of this meeting is to determine whether taxable property in Greenwood has been properly valued and classified by the assessor, and to determine whether corrections need to be made.

If you believe the value or classification of your property is incorrect, please contact the City Assessor to discuss your concerns. If you are still not satisfied with the valuation or classification after discussing it with the assessor, you may appear before the local board of appeal and equalization. The board shall review the valuation, classification, or both if necessary, and determine whether a correction is warranted. Generally, an appearance before your local board of appeal and equalization is required by law before an appeal can be taken to the county board of appeal and equalization.

Published on March 22, 2012 & on March 29, 2012.

Gus E. Karpas  
City Clerk



March 22, 2012

Chief Bryan Litsey  
South Lake Minnetonka Police Department  
24150 Smithtown Road  
Shorewood, MN 55331

Dear Chief Litsey,

On behalf of the Greenwood city council and all of the residents of Greenwood I am writing to extend a huge THANK-YOU for the great police work regarding the January 18 attempted burglary and the January 27 burglaries in Greenwood. It was an unsettling feeling to have private homes broken into in our quiet *City on the Lake*. And on a personal note, it especially was unsettling that one of the burglaries was just two houses away from my home!

The city of Greenwood is grateful that the SLMPD, county, and neighboring police resources were available to come together when we needed it. It is impressive that Stewart Pesheck was identified and arrested less than two weeks after Greenwood's January 27 burglaries. And that he confessed to being responsible for the Greenwood break-ins and crimes in neighboring cities from September 2010 to February 2012. I extend a special thank-you to SLMPD's Detective Sergeant Steve Neururer and Detective Mike O'Keefe for their efforts in this case. It is comforting to know that "the finest" are working for us.

Thank you for sending me the official criminal complaints today and for keeping the city informed every step of the way. I am optimistic that Mr. Pesheck will be found guilty and will not be on the streets for a very long time. This is good news for Greenwood. Thank you!

Sincerely,

Debra J. Kind  
Mayor, City of Greenwood

Dear Mayor Kind,

The LWV South Tonka recently presented a Power Point to the Shorewood City Council that addressed some of the implications to cities of the proposed photo Voter ID amendment. We would like the opportunity to present our Power Point to you and the city council of Greenwood. There are many issues that directly affect local communities and governments, for example, just putting the matter on the ballot this fall will cost local governments an estimated \$104,000.

The League of Women Voters, as well as the League of Minnesota Cities and Minnesota Clerks & Finance Officers Association (MCFOA) share major concerns about the impact of the proposed constitutional amendment requiring voter identification. These concerns include the financial and logistical impacts for local communities, as well as the barriers it creates for eligible citizens to practice their constitutional right to vote, they include:

- Separate provisional balloting procedures will require *two additional election judges and a separate ballot box in each precinct, new forms, envelopes, and secure storage*. Unless the legislature provides language in the proposed constitutional amendment that the State will cover the costs associated with implementation of Voter ID, counties, cities, townships, and school districts will have to fund these costs with local property taxes.
- *Requires election offices to be open for additional calendar days after an election* to allow provisional voters to appear and provide government-issued identification - an additional cost to local governments.
- *Will delay canvass of election results* in order to add results from provisional ballots.
- *May require local election officials to notify provisional voters* if their ballots are not counted.
- *Creates barriers for those in nursing homes, temporary housing, hospitals and hospices to be exercise their right to vote*. If they do not have a government-issued Voter ID, they would need transportation to a Deputy Registrar Office to acquire the new Voter ID. Vouching, including for those in care facilities, would no longer be allowed.
- Will likely have a *major impact on same day registration and absentee voting*.

It is possible to enact a photo identification process without these severe impacts. SF 1577 provides for significant increases in costs and complexity in administering the election process. Creating a constitutional amendment containing these unfunded mandates has property tax consequences for local governments. We would appreciate the opportunity to share more about the proposed amendment with you and the city council and will contact you to discuss the possibility of a presentation. If you have any questions or concerns, we would be happy to discuss them with you.

  
Donna Thayer  
Co-President, LWV South Tonka  
612-325-6501, Dkt1997@aol.com

  
Sue Hnastchenko  
Director of Membership, LWV South Tonka  
952-239-0396, Sue.hnastchenko@gmail.com



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**From:** Debra Kind <dkind100@gmail.com>  
**Subject:** **Voter ID Presentation**  
**Date:** March 28, 2012 8:27:04 PM CDT  
**To:** dlt1997@aol.com, Sue.hnastchenko@gmail.com



---

Donna and Sue –

Today I received your letter with the request for the LWV South Tonka to give a PowerPoint presentation to the Greenwood city council regarding the voter ID issue.

In the past, presentations to the council have been related to educating the council on items where the council is being asked to take action. In this case, it is my understanding that the decision to place the voter photo ID amendment question on the November ballot is a done deal, so there is no action the council can take – such as to write a letter to our state representatives. Instead it appears that you are looking for a forum to persuade voters. If that is the case, in my opinion the city council meeting is not the place. If I am misunderstanding your request, please let me know.

Thank you for your interest in issues that impact local government. And thank you for your work with the LWV South Tonka. Your efforts are appreciated.

Sincerely,

Deb

**Debra J. Kind**  
Mayor, City of Greenwood  
[dkind100@gmail.com](mailto:dkind100@gmail.com)  
[www.greenwoodmn.com](http://www.greenwoodmn.com)  
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C 612.718.6753  
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# 2012 Property Tax Overview

## 2012 PROPERTY TAXES PAID BY \$750,000 HOMES IN AREA CITIES ...

### HOW PROPERTY TAXES ARE CALCULATED

- In the spring, your property's estimated market value (EMV) is used to calculate your property's tax capacity:

A property with an assessed EMV of:	\$750,000			
First \$500,000 is multiplied by 1%	\$500,000	x	1%	= \$5,000
Balance is multiplied by 1.25%	\$250,000	x	1.25%	= \$3,125
<b>Equals the "tax capacity" for the property:</b>	<b>\$8,125</b>			



- This formula is determined by the state and the same "multipliers" are used for all residential properties. So \$8125 is the tax capacity for every \$750,000 home in Minnesota.
- In the fall, government entities (county, school district, city, etc.) each determine their budget and the amount of taxes to be collected (tax levy) for the following year.
- The budgeted tax levy then is divided by the respective total tax capacities for the entire county, school district, city, etc. to "back into" their respective tax rate percentages.



- Your property's individual tax capacity then is multiplied times the county, school, city, and misc. tax rates to calculate your property taxes.

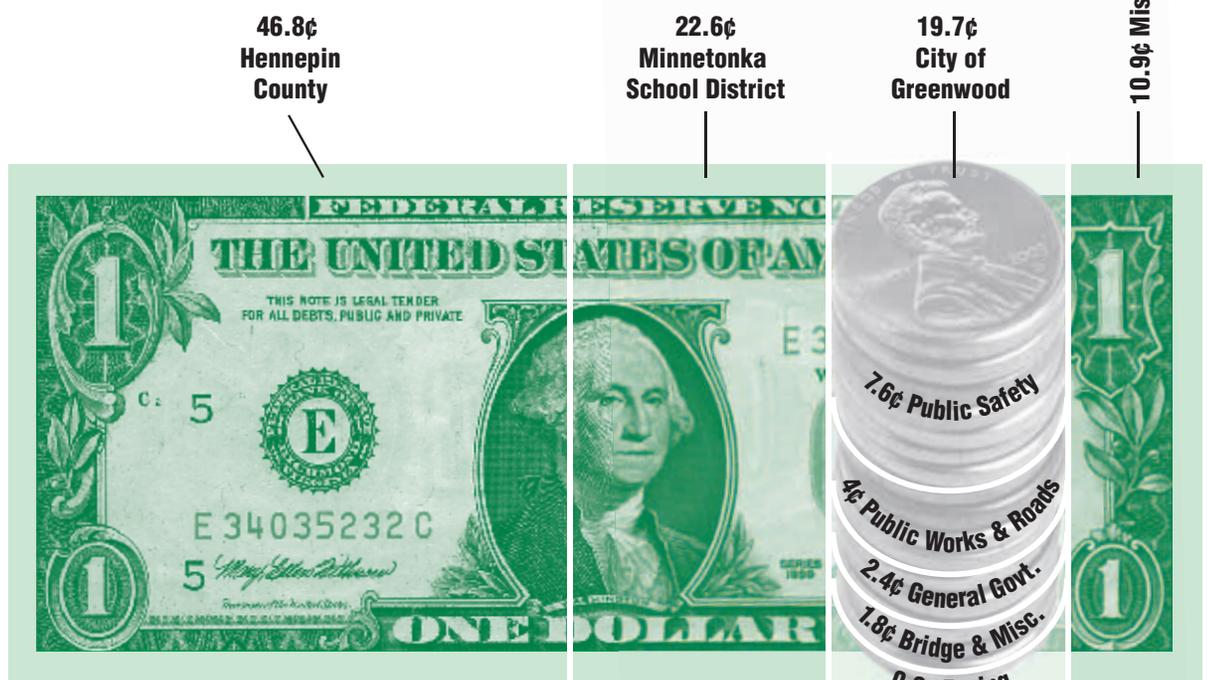


### KEY POINTS

- Tax capacity and tax rates offset each other, so the amount of taxes paid matches the budgeted amount. If there is no increase to the budget, but the tax capacity for an area goes down because property values go down, the tax rate will go up. Conversely, if property values go up, the tax rate will go down.
- Therefore, budgets are the key to determining taxes. EMVs and the resulting tax capacities are used to determine how to split up the taxes, but the total amount collected is determined by the budgets.
- City tax rates vary. That is why \$750,000 homes in the same county and school district pay different amounts of taxes — \$750,000 homes in Excelsior pay more taxes than \$750,000 homes in Greenwood, and \$750,000 homes in Woodland pay less. See the chart on the top right to compare city tax rates.
- There are no "extra multipliers" for lakeshore homes. A \$750,000 lakeshore home pays the same amount of taxes as a \$750,000 offshore home in the same city.

	HENNEPIN COUNTY TAXES			MTKA SCHOOL DISTRICT TAXES			CITY TAXES			MISC TAXES: CTY. PARKS, MET COUNCIL, WATERSHED, ETC.			TOTAL
	COUNTY Tax Rate	Tax Capacity	Total COUNTY Taxes	SCHOOL Tax Rate	Tax Capacity	Total SCHOOL Taxes	CITY Tax Rate	Tax Capacity	Total CITY Taxes	MISC Tax Rate	Tax Capacity	Total MISC Taxes	Total PROPERTY Taxes
<b>Excelsior</b>	48.231%	x \$8,125 =	\$3,919	23.24013%	x \$8,125 =	\$1,888	35.46300%	x \$8,125 =	\$2,881	11.228%	x \$8,125 =	\$912	\$9,601
<b>Minnetonka</b>	48.231%	x \$8,125 =	\$3,919	23.24013%	x \$8,125 =	\$1,888	35.39877%	x \$8,125 =	\$2,876	11.228%	x \$8,125 =	\$912	\$9,595
<b>Eden Prairie</b>	48.231%	x \$8,125 =	\$3,919	23.24013%	x \$8,125 =	\$1,888	33.05151%	x \$8,125 =	\$2,685	11.228%	x \$8,125 =	\$912	\$9,405
<b>Shorewood</b>	48.231%	x \$8,125 =	\$3,919	23.24013%	x \$8,125 =	\$1,888	29.98400%	x \$8,125 =	\$2,436	11.228%	x \$8,125 =	\$912	\$9,156
<b>Greenwood</b>	48.231%	x \$8,125 =	\$3,919	23.24013%	x \$8,125 =	\$1,888	20.33600%	x \$8,125 =	\$1,652	11.228%	x \$8,125 =	\$912	\$8,372
<b>Deephaven</b>	48.231%	x \$8,125 =	\$3,919	23.24013%	x \$8,125 =	\$1,888	17.79800%	x \$8,125 =	\$1,446	11.228%	x \$8,125 =	\$912	\$8,165
<b>Tonka Bay</b>	48.231%	x \$8,125 =	\$3,919	23.24013%	x \$8,125 =	\$1,888	17.51800%	x \$8,125 =	\$1,423	11.228%	x \$8,125 =	\$912	\$8,143
<b>Woodland</b>	48.231%	x \$8,125 =	\$3,919	23.24013%	x \$8,125 =	\$1,888	9.61300%	x \$8,125 =	\$781	11.228%	x \$8,125 =	\$912	\$7,500

### WHERE YOUR GREENWOOD PROPERTY TAX DOLLAR GOES IN 2012 ...



The dollar bill breakdown is based on taxes paid by a Greenwood home with a \$750,000 EMV.

This overview sheet describes the basics for calculating property taxes. There are variables such as the new Homestead Market Value Exclusion for lower value homes.

EMVs for the entire city and more are available at [www.greenwoodmn.com](http://www.greenwoodmn.com)

