

AGENDA
SUSTAINABILITY COMMISSION
January 21, 2016
7:00 P.M.
COMMUNITY CONFERENCE ROOM 206

1. Consideration of Minutes of December 17, 2015
2. Public Comment
3. Energy Assessment Program
4. Water Assessment Program
 - a. Draft Tap Water Resource Documents
5. Review of Commercial and Residential Recycling Rates
6. Other Items for Discussion
7. Next Meeting Date and Time – TBD

**MEETING MINUTES
SUSTAINABILITY COMMISSION
December 17, 2015**

The Sustainability Commission met at Deerfield Village Hall, 850 Waukegan Road, at 7 PM in Community Conference Room 206 on Thursday, December 17, 2015. In attendance were:

Present:

Don Anderson, Chairman
Daniel Dorfman
Richard Heller
Laurie Leibowitz
Jerry Witkovsky
Brian Wolkenberg

Absent:

Gloria Threats
Michael Shalen

Also Present:

Andrew Lichterman, Assistant to the Village Manager

Approval of Minutes

Commissioner Shalen motioned and Commissioner Witkovsky seconded to approve the minutes from the November 19, 2015 meeting. The minutes were unanimously approved.

Public Comment

None

Energy Assessment Program

Commissioner Wolkenberg summarized that at the last meeting the Commission agreed to build from the success the program enjoyed with Kipling last year and to pursue broader community involvement this year. He noted the Village can provide a platform for connecting people and promoting the energy conservation activities. The subcommittee drafted talking points and a case study based on last year's experience, which was shared with District 109 in a recent meeting. He noted Principal McConnell was very encouraging. He noted that energy conservation is a district wide initiative this year, and includes a plan for the district to reduce energy consumption over the next 2 years. Commissioner Wolkenberg will share a copy of the plan with the Commission when it is available.

A district wide meeting on the subject will be held in January. McConnell noted that he hopes to form a district wide group that includes a representative of the Sustainability Commission with the goal of creating curriculum for the elementary and middle schools.

Also, McConnell requested the Village help identify a business/industry partner with successful energy conservation efforts that could come speak at the school. Chairman Anderson requested that Mr. Lichterman reach out to Commissioner Threats directly with this request for Walgreens' participation.

Commissioner Wolkenberg summarized the subcommittee's ideas regarding communication efforts around this initiative. He noted that the schools and classroom will use social media and it was suggested that #GreenUpDeerfield be used on Twitter.

Chairman Anderson summarized 4 action steps moving forward:

1. Identify business partners. Possible partners could include Walgreens, Lake Shore Recycling, Waste Management, Whole Foods, BP gas station. The DBR Chamber of Commerce is also a resource.

2. Have a member of the Sustainability Commission participate in the District 109 team that is formed in January.
3. Help identify resources that can be used for curriculum or classroom activities. Commissioner Dorfman noted that he has gathered some of these resources already. Mr. Lichterman noted the packet includes template curriculum documents that were created as part of the Waste Management “Recycle Often. Recycle Right” campaign
4. Identify ambassadors in the community that can help advocate for these initiatives.

Commissioner Witkovsky reported that he works closely with Caruso Middle School and volunteered to make contacts there too. Possible measurements could include # of emails gained and # of hits on the website.

Commissioner Dorfman noted the USGBC conference is being held in April with topics around green education. He inquired if the Village would support a commissioner attending such a conference. Mr. Lichterman noted that if the conference itinerary was relevant and the Commission supported sending a representative then funding could be considered.

Water Assessment Program

Commissioners Leibowitz and Witkovsky summarized the recent tour of the Highland Park water treatment plant. It was noted that Lake Michigan is an ideal source of drinking water. The Highland Park plant was upgraded last year.

Commissioner Leibowitz reported that she attempted to contact the author of the article *Bottled Water: United States Consumers and Their Perceptions of Water Quality* but Iowa State University noted the author is no longer available and was unable to provide any further information.

Commissioner Leibowitz noted the subcommittee will meet to refine their recommendation but at this point, they are contemplating a campaign that encourages the use of reusable water bottles as an alternative to purchasing bottled water. This effort will be coupled with an educational campaign citing the benefits associated with municipal water.

Commissioner Dorfman noted the conflict with citing the safety of municipal water while also recommending the use of a filter. Mr. Lichterman noted that his understanding is that a filter is recommended due to the water traveling through an underground distribution system.

Dorfman also suggested offering filters for home faucets but recognized this may be less economical than a reusable water bottle campaign.

Mr. Lichterman reminded the Commission that Sports Authority also tentatively agreed to a coupon campaign for reusable water bottles for the week leading up to Earth Day.

Chairman Anderson requested that Commissioner Leibowitz contact the High School to get feedback regarding the water bottle filling stations that were installed in partnership with the Commission a few years ago.

Commercial Waste Recycling

Mr. Lichterman noted the 3rd quarter commercial waste hauling report indicated an 11% recycling rate for Deerfield commercial businesses.

Chairman Anderson requested Mr. Lichterman report back on recycling rates for neighboring communities and verify the Village’s residential recycling rate as well.

Other Items for Discussion

Mr. Lichterman noted that a subcommittee of the NSEAC will review and evaluate responses to the RFIQ at a meeting tomorrow.

Adjournment

Commissioner Dorfman motioned to adjourn. Commissioner Witkovsky seconded. The meeting was adjourned at 8:10 PM.

Respectfully submitted,
Andrew Lichterman, Assistant to the Village Manager

Take the Pledge – Drink Tap Water!

Deerfield tap water is safe according to frequent tests required by stringent EPA standards and is highly rated. Bottled water is not safer than tap water with little oversight or transparency about source and quality.

Deerfield tap water is a bargain – less than half a penny per gallon compared to an average of \$1.70 per gallon for a 24 pack of 16.8 ounce bottles, 312 times as expensive!

Tap water is the environmentally friendly choice. Millions of barrels of oil are used to produce plastic bottles and about 75% end up in a landfill, about 1 million tons per year nationwide. Transportation creates additional environmental costs.

Your information: (On the website, could we create a link that would send an email confirming the pledge and set up a file so we can track and go back to people who pledge?)

First name:

Last Name

Email

Zip Code

Pledge:

I pledge to:

Choose tap water over bottled water whenever possible

Fill a reusable bottle with tap water

Support policies that promote clean, affordable tap water for all.

Your Name

Why drink Deerfield tap water?

It's safe

It's inexpensive

It's the environmentally friendly choice

It tastes great!

Safety

The Village of Deerfield gets its water from Lake Michigan, among the cleanest in the nation. Deerfield water meets or exceeds strict EPA regulations and is tested frequently using a newer technology that offers faster results.

Bottled water is frequently tap water and lightly regulated by the FDA. Water quality and source should be available but frequently is not, according to a study by the Environmental Working Group.

Cost

Deerfield water costs \$.005 per gallon while bottled water costs range from \$1.50 to \$3.00 per gallon. Deerfield tap water is a bargain!

Environmental Impact

Millions of barrels of oil are used to produce plastic bottles and about 75% end up in a landfill, about 1 million tons per year nationwide. Water is also used in the production of plastic bottles and transportation creates additional environmental costs.

Taste

Take a taste test and compare Deerfield water to your favorite bottled water! Taste tests will be offered at events throughout 2016.

Take the pledge! Drink Tap Water!

Here's how it works:

Sign a [pledge\(link\)](#) to choose tap water over bottled water whenever possible and get a dishwasher safe reusable water bottle for only \$5. Proudly use your bottle at work, home and school while saving money and helping the environment.

Encourage your friends and neighbors to join you in a pledge to Drink Tap Water!

“Drink Tap Water” Resources Village of Deerfield Sustainability Commission

Articles:

Bottled Water: United States Consumers and Their Perceptions of Water Quality: International Journal of Environmental Research and Public Health, February 2011
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3084479/>

2011 Bottled Water Scorecard: Environmental Working Group
http://static.ewg.org/reports/2010/bottledwater2010/pdf/2011-bottledwater-scorecard-report.pdf?_ga=1.239926595.1198594165.1453132673

Bottled or Tap? By Stephen C. Edberg, PhD for the Drinking Water Research Foundation
<http://www.thefactsaboutwater.org/ask-the-experts/bottled-or-tap/>

Cities Tout Municipal Tap Water as Better Than Bottled: Governing .com, April 2012
<http://www.governing.com/topics/energy-env/gov-cities-tout-municipal-tap-water-as-better-than-bottled.html>

“Drink Tap Water Campaigns” in Washington DC and New York City Links

http://www.nyc.gov/html/dep/html/drinking_water/wotg.shtml

<http://www.nyc.gov/html/nycwater/html/bottle/index.shtml>

https://www.dewater.com/drinking_water/tap.cfm

https://www.dewater.com/drinking_water/Ten_Reasons_to_Drink_Tap.pdf

https://www.dewater.com/drinking_water/Tap_Bottle_Water.pdf

Village of Deerfield Sustainability Commission Website

<http://www.deerfield.il.us/residents/greenupdeerfield/default.aspx>

Deerfield				
Recycling Rate	-	-	-	11.6 %
Participation Rate	-	-	-	-
Grayslake				
Recycling Rate	-	-	-	8.5 %
Participation Rate	-	-	-	30.0 %
Gurnee				
Recycling Rate	-	-	-	-
Participation Rate	-	-	-	-
Highland Park				
Recycling Rate	19.2 %	20.4 %	15.7 %	-
Participation Rate	68.0 %	70.0 %	70.0 %	71.0 %
Highwood				
Recycling Rate	5.2 %	5.3 %	-	-
Participation Rate	-	-	-	54.0 %
Libertyville				
Recycling Rate	-	-	-	-
Participation Rate	-	-	-	-

I – 4. 3rd Quarter 2015 Recycling and Per Ton Payment Report

BACKGROUND: Attached are the reported tabulations of residential recyclables and waste for the 3rd quarter of 2015. Tonnage totals are reported by quarter for the calendar year. The information is provided by refuse hauling companies servicing residential customers in Lake County.

The 2013 and 2014 tonnage figures are listed for comparison purposes. The first nine months of 2015 illustrate that 42,917 tons of recyclables were collected from Lake County communities. Compared to previous year's first nine month totals, Lake County communities have experienced a 4.3% decrease in recycling volume as compared to the same period of 2014 (44,828 tons). Waste generation rates declined by 1% during this same period. Overall, the volume of both waste and recycling collected during this period has declined by approximately 1.8% from the same period of 2014. This trend is illustrated in the attached Waste and Recycling Comparison table.

Market values, for all recyclable commodities remain at historical lows. Regretfully this trend will continue through to the end of the year, with little optimism for them to strengthen in the first quarter of 2016. Due to the stagnant markets, Agency Member Per Ton Payments remained at zero for the three months of the third quarter.

ENCLOSED DOCUMENTS: Municipal Summary Table – 3rd Quarter 2015 Recycling Summary; Municipal Summary Table – 3rd Quarter 2015 Waste Disposal Summary; Waste and Recycling Comparison Table January - September 2013 - 2015; SWALCO Members Per Ton Payment Summary 3rd Qtr. 2015; Quarterly Single Stream Value Calculation for SWALCO Contract Rebate Q3 2015

STAFF: Peter Adrian, Recycling Coordinator.

Solid Waste Agency of Lake County

Municipal Waste Disposal Summary
3rd Quarter 2015

(as reported by haulers)

MUNICIPALITY	SERVICE PROVIDER	Jul 2015	Aug 2015	Sep 2015	3rd Qtr 2015 TOTAL	2nd Qtr 2015 TOTAL	1st Qtr 2015 TOTAL	1st - 3rd Qtr 2015 TOTAL	1st - 3rd Qtr 2014 TOTAL	1st - 3rd Qtr 2013 TOTAL
ANTIOCH*	Waste Management, Inc. Antioch	278.60	272.50	274.60	825.70	710.00	592.50	2,128	2,417	2,372
BANNOCKBURN*	Lakeshore Recycling Systems	26.57	22.59	20.76	69.92	103.48	71.46	245	301	184
BEACH PARK*	Advanced Disposal Services, Waukegan	464.25	341.01	351.08	1,156.34	1,133.73	917.40	3,207	1,394	1,726
BEACH PARK	Waste Management, Inc. Antioch								107	245
BEACH PARK	Groot Industries								799	1,561
BEACH PARK*	TOTAL	464.25	341.01	351.08	1,156.34	1,133.73	917.40	3,207	2,300	3,532
DEERFIELD*	Waste Management, Inc. Wheeling	464.64	406.32	502.65	1,372.61	1,327.37	1,069.73	3,760	3,891	3,851
DEER PARK*	Groot Industries	94.70	96.07	120.46	311.23	309.36	260.30	871	868	860
FOX LAKE*	Waste Management, Inc. Antioch	190.10	191.30	193.47	574.87	559.90	509.30	1,634.07	1,442	1,527
GRAYSLAKE*	Waste Management, Inc. Antioch	430.10	395.20	380.00	1,205.30	1,150.30	1,028.50	3,384	3,690	3,714
GRAYSLAKE Drop-Off	Waste Management, Inc. Antioch	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
GRAYSLAKE*	TOTAL	430.10	395.20	380.00	1,205.30	1,150.30	1,028.50	3,384	3,690	3,714
GREEN OAKS*	Groot Industries	116.14	109.86	104.03	330.03	292.37	262.76	875	1,200	1,229
GURNEE*	Waste Management, Inc. Antioch	542.00	616.00	495.00	1,653.00	1,471.10	1,262.00	4,276	4,781	4,996
HAINESVILLE*	Advanced Disposal Services, Waukegan	86.89	72.46	88.03	247.37	208.13	175.13	631	564	528
HAWTHORN WOODS*	Waste Management, Inc. Wheeling	280.16	226.45	229.81	736.42	719.92	603.72	2,060	2,034	1,933
HIGHLAND PARK*	Advanced Disposal Services, Northbrook	591.18	554.08	577.78	1,723.04	2,184.00	1,482.00	5,389	4,797	4,952
HIGHWOOD*	Advanced Disposal Services, Northbrook	103.68	74.88	103.47	282.03	282.00	274.05	838	832	899
ISLAND LAKE*	Waste Management, Inc. Antioch	190.70	180.70	217.40	588.80	512.00	469.50	1,570	1,650	1,590
KILDEER*	Waste Management, Inc. Wheeling	130.34	110.36	130.83	371.52	344.67	282.24	998	1,086	1,065
LAKE BARRINGTON*	Waste Management, Inc. Antioch	117.00	112.80	108.80	338.60	341.90	273.10	954	1,046	990
LAKE BLUFF*	Groot Industries	109.42	126.68	126.72	362.82	387.51	317.58	1,068	1,034	1,069
LAKE BLUFF Drop-Off	Groot Industries	16.48	14.79	22.27	53.54	57.20	35.56	146	160	147
LAKE BLUFF*	TOTAL	125.90	141.47	148.99	416.36	444.71	353.14	1,214	1,194	1,215
LAKE FOREST*	Municipal Collection	587.01	591.47	611.78	1,790.26	1,789.69	1,460.57	5,031	4,921	4,910
LAKE VILLA*	Waste Management, Inc. Antioch	119.00	97.60	113.80	330.40	274.80	185.20	790	866	726
LAKE ZURICH*	Waste Management, Inc. Wheeling	678.74	484.86	506.81	1,670.40	1,644.64	1,169.41	4,384	4,448	4,406
LIBERTYVILLE*	Groot Industries	419.60	386.53	406.62	1,212.75	1,194.39	992.23	3,398	4,239	4,177
LINCOLNSHIRE*	Waste Management, Inc. Wheeling	220.29	176.00	205.09	601.38	660.48	432.22	1,594	1,609	1,770
LINDENHURST*	Groot Industries	398.64	467.21	372.12	1,237.87	1,279.72	1,070.66	3,528	3,580	3,514
LONG GROVE*	Waste Management, Inc. Wheeling	296.94	283.67	257.10	837.71	842.68	690.66	2,371	2,404	2,337
MUNDELEIN*	Groot Industries	797.67	662.85	731.44	2,181.96	2,279.27	1,699.69	6,161	6,019	6,919
NORTH BARRINGTON	Waste Management, Inc. Antioch	138.60	135.50		274.10	348.50	288.10	911	1,130	1,343
NORTH BARRINGTON*	Praireland Disposal & Recycling Services			93.56	93.56			94		
NORTH BARRINGTON*	TOTAL	138.60	135.50	93.56	367.66	348.50	288.10	1,004	1,130	1,348
NORTH CHICAGO*	Advanced Disposal Services, Waukegan	405.51	333.65	383.59	1,122.75	1,159.07	993.12	3,275	3,400	3,263
GLNTC Housing*	Advanced Disposal Services, Waukegan	70.80	50.05	64.31	185.16	201.42	188.63	575	718	663
GLNTC Housing	Waste Management, Inc. Antioch									
GLNTC Housing*	TOTAL	70.80	50.05	64.31	185.16	201.42	188.63	575	718	663
PARK CITY*	Groot Industries	29.10	40.74	24.02	93.86	103.75	77.03	275	283	273
PORT BARRINGTON*	Waste Management, Inc. Antioch	39.20	38.50		77.70	120.90	64.30	263	328	327
PORT BARRINGTON*	Praireland Disposal & Recycling Services			65.01	65.01			65		
PORT BARRINGTON*	TOTAL	39.20	38.50	65.01	142.71	120.90	64.30	328	328	327
RIVERWOODS*	Lakeshore Recycling Systems	141.71	114.97	134.78	391.46	432.53	309.68	1,134	1,089	959
ROUND LAKE*	Waste Management, Inc. Antioch	422.00	388.70	383.10	1,193.80	1,203.20	1,053.80	3,451	3,781	3,696
ROUND LAKE BEACH*	Waste Management, Inc. Antioch	591.50	591.20	596.10	1,778.80	1,785.70	1,442.80	5,007	5,478	5,601
ROUND LAKE HEIGHTS*	Groot Industries	83.89	65.13	65.16	213.88	216.24	179.60	610	655	664
ROUND LAKE PARK*	Advanced Disposal Services, Waukegan									
ROUND LAKE PARK*	Groot Industries	152.09	116.33	148.17	416.59	427.86	278.98	1,123	1,045	954
ROUND LAKE PARK*	Waste Management, Inc. Antioch	63.90	53.00	61.20	178.10	203.40	149.90	531	570	561
ROUND LAKE PARK*	TOTAL	215.99	169.33	209.37	594.69	631.26	428.88	1,655	1,615	1,399
THIRD LAKE*	Waste Management, Inc. Antioch	51.60	38.30	44.50	134.40	140.60	88.00	363	388	402
TOWER LAKES*	Waste Management, Inc. Antioch	38.50	29.70		68.20	103.30	77.80	249	305	311
TOWER LAKES	Praireland Disposal & Recycling Services			17.90	17.90			18		
TOWER LAKES*	TOTAL	38.50	29.70	17.90	86.10	103.30	77.80	267	305	311
VERNON HILLS*	Advanced Disposal Services, Waukegan	527.23	563.12	593.17	1,683.52	1,688.60	1,394.42	4,767	4,615	4,387
VOLO*	Groot Industries	111.11	136.50	104.05	351.66	352.24	292.71	997	895	
WADSWORTH*	Groot Industries	92.96	75.01	82.45	250.42	216.64	192.01	659	902	1,397
WADSWORTH*	Waste Management, Inc. Antioch	2.30	2.30	2.20	6.80	6.00	5.90	19	15	
WADSWORTH*	Praireland Disposal & Recycling Services							0	9	
WADSWORTH*	Lakes Disposal	7.00	7.00	7.00	21.00	0.00	20.50	42	55	
WADSWORTH*	Advanced Disposal Services, Waukegan	32.60	24.12	22.40	79.12	99.62	73.58	252	203	
WADSWORTH*	TOTAL	134.86	108.43	114.05	367.34	322.26	291.99	972	1,184	1,397
WAUCONDA*	Waste Management, Inc. Antioch	293.80	246.80	196.60	737.20	784.70	667.60	2,900	2,447	2,354
WAUKEGAN*	Advanced Disposal Services, Waukegan	2,213.99	1,889.82	1,935.86	6,039.67	6,859.72	4,361.47	16,261	16,783	16,580
WINTHROP HARBOR*	Groot Industries	196.23	162.84	167.89	506.96	503.77	412.41	1,423	1,649	1,740
ZION*	Advanced Disposal Services, Waukegan	734.78	634.44	816.84	2,186.04	1,843.85	1,413.26	5,443	5,478	5,161
LAKE COUNTY	Groot Industries	1,363.32	1,119.59	1,256.28	3,739.19	2,151.48	1,682.39	7,573	5,970	6,323
LAKE COUNTY	Advanced Disposal Services, Waukegan	102.76	114.71	126.35	343.82	206.66	137.73	688	870	
LAKE COUNTY	Lakeshore Recycling Systems	20.19	16.08	18.23	54.50			55		
LAKE COUNTY	Waste Management, Inc. Antioch	1,523.80	1,284.03	1,249.60	4,057.40	4,133.50	3,473.00	11,664	12,257	12,738
LAKE COUNTY	Waste Management, Inc. Wheeling	150.92	113.91	118.82	383.65	400.66	312.96	1,098	1,103	901
LAKE COUNTY	TOTAL	3,160.99	2,648.29	2,769.28	8,578.56	6,892.60	5,606.08	21,077	20,200	20,060
TOTALS		17,251.81	15,339.22	16,006.09	48,596.12	46,604.02	36,872.54	132,073	133,443	133,780

*Municipalities Utilizing Recycling Carts

Solid Waste Agency of Lake County

Municipal Recycling Summary

3rd Quarter 2015

(as reported by haulers)

MUNICIPALITY	SERVICE PROVIDER	Jul 2015	Aug 2015	Sep 2015	3rd Qtr 2015 TOTAL	2nd Qtr 2015 TOTAL	1st Qtr 2015 TOTAL	1st - 3rd Qtr 2015 TOTAL	1st - 3rd Qtr 2014 TOTAL	1st - 3rd Qtr 2013 TOTAL
ANTIOCH*	Waste Management, Inc. Antioch	93.40	86.80	85.20	265.40	295.40	248.80	810	956	959
BANNOCKBURN*	Lakeshore Recycling Systems	7.94	11.22	10.50	29.66	29.44	20.75	80	57	36
BEACH PARK*	Advanced Disposal Services, Waukegan	102.24	78.13	80.81	261.18	212.92	174.05	648	335	42
BEACH PARK	Waste Management, Inc. Antioch								12	21
BEACH PARK	Groot Industries								164	295
BEACH PARK*	TOTAL	102.24	78.13	80.81	261.18	212.92	174.05	648	511	358
DEERFIELD*	Waste Management, Inc. Wheeling	204.09	183.37	232.70	620.16	624.00	552.17	1,796	1,978	1,952
DEER PARK*	Groot Industries	27.52	26.86	32.80	87.18	119.34	109.60	316	359	367
FOX LAKE*	Waste Management, Inc. Antioch	77.50	67.90	67.70	213.10	207.30	134.70	555	646	639
GRAYSLAKE*	Waste Management, Inc. Antioch	162.50	153.40	164.80	480.70	490.20	460.40	1,437	1,724	1,741
GRAYSLAKE Drop-Off	Waste Management, Inc. Antioch	8.10	6.52	6.17	20.79	18.30	12.80	52	55	50
GRAYSLAKE*	TOTAL	170.60	159.92	170.97	501.49	508.50	473.20	1,489	1,779	1,791
GREEN OAKS*	Groot Industries	47.23	44.62	45.84	137.69	98.67	110.82	347	438	453
GURNEE*	Waste Management, Inc. Antioch	214.30	204.60	209.10	628.00	659.30	579.70	1,867	2,218	2,259
HAINESVILLE*	Advanced Disposal Services, Waukegan	26.46	21.68	28.32	76.46	71.01	61.54	209	226	195
HAWTHORN WOODS*	Waste Management, Inc. Wheeling	111.69	94.09	103.58	309.36	327.79	286.57	924	953	969
HIGHLAND PARK*	Advanced Disposal Services, Northbrook	401.75	379.54	403.27	1,184.56	1,224.00	1,036.00	3,445	3,384	3,417
HIGHWOOD*	Advanced Disposal Services, Northbrook	44.27	39.36	45.03	128.66	89.00	89.35	307	276	284
ISLAND LAKE*	Waste Management, Inc. Antioch	76.70	67.30	71.30	215.30	221.30	215.30	652	757	761
KILDEER*	Waste Management, Inc. Wheeling	57.30	41.39	57.25	155.95	148.46	136.79	441	498	450
LAKE BARRINGTON*	Waste Management, Inc. Antioch	55.30	45.10	51.00	151.40	157.60	109.80	419	480	487
LAKE BLUFF*	Groot Industries	72.71	77.32	84.15	234.18	242.85	188.66	666	728	735
LAKE BLUFF Drop-Off	Groot Industries	6.84	6.02	5.53	18.19	17.75	14.88	51	45	53
LAKE BLUFF*	TOTAL	79.55	83.34	89.68	252.37	260.60	203.54	717	773	788
LAKE FOREST*	Municipal Collection	239.71	257.44	242.69	739.84	796.75	677.70	2,214	2,305	2,289
LAKE VILLA*	Waste Management, Inc. Antioch	51.10	42.80	49.30	143.20	162.90	116.60	422	487	394
LAKE ZURICH*	Waste Management, Inc. Wheeling	207.39	188.22	202.71	598.32	688.64	609.11	1,896	1,911	1,986
LIBERTYVILLE*	Groot Industries	201.22	179.46	195.81	576.49	605.55	511.59	1,694	1,837	1,794
LINCOLNSHIRE*	Waste Management, Inc. Wheeling	82.41	60.62	87.70	230.73	198.81	175.15	605	759	700
LINDENHURST*	Groot Industries	124.62	151.17	118.44	394.23	408.87	358.02	1,161	1,185	1,186
LONG GROVE*	Waste Management, Inc. Wheeling	90.51	94.44	81.53	266.48	304.21	251.30	822	873	742
MUNDELEIN*	Groot Industries	267.69	226.87	246.74	741.30	756.53	644.03	2,142	2,253	2,246
NORTH BARRINGTON	Waste Management, Inc. Antioch	42.10	33.80		75.90	106.50	103.80	288	379	378
NORTH BARRINGTON*	Praireland Disposal & Recycling Services			31.83	31.83			32		
NORTH BARRINGTON*	TOTAL	42.10	33.80	31.83	107.73	108.50	103.80	320	379	378
NORTH CHICAGO*	Advanced Disposal Services, Waukegan	44.52	17.56	26.88	88.96	122.01	79.93	291	523	595
GLNTC Housing*	Advanced Disposal Services, Waukegan	39.94	24.65	24.10	88.69	99.51	99.16	287	308	108
GLNTC Housing	Waste Management, Inc. Antioch									84
GLNTC Housing*	TOTAL	39.94	24.65	24.10	88.69	99.51	99.16	287	308	192
PARK CITY*	Groot Industries	9.68	10.93	8.66	29.27	28.19	24.88	82	84	83
PORT BARRINGTON*	Waste Management, Inc. Antioch	9.80	7.70		17.50	29.00	23.80	70	98	95
PORT BARRINGTON*	Praireland Disposal & Recycling Services			22.38	22.38			22		
PORT BARRINGTON*	TOTAL	9.80	7.70	22.38	39.88	29.00	23.60	92	98	95
RIVERWOODS*	Lakeshore Recycling Systems	53.04	49.73	58.92	161.69	160.17	122.75	445	407	297
ROUND LAKE*	Waste Management, Inc. Antioch	117.90	110.20	123.30	351.40	381.90	344.00	1,077	1,258	1,259
ROUND LAKE BEACH*	Waste Management, Inc. Antioch	183.20	160.40	163.00	506.60	531.10	461.30	1,499	1,753	1,804
ROUND LAKE HEIGHTS*	Groot Industries	20.17	15.43	15.81	51.41	50.65	44.54	147	177	181
ROUND LAKE PARK*	Advanced Disposal Services, Waukegan									25
ROUND LAKE PARK*	Groot Industries	41.72	29.81	37.19	108.72	100.67	74.81	284	206	248
ROUND LAKE PARK*	Waste Management, Inc. Antioch	21.80	18.40	21.30	61.50	67.50	73.80	203	247	210
ROUND LAKE PARK*	TOTAL	63.52	48.21	58.49	170.22	168.17	148.41	487	513	483
THIRD LAKE*	Waste Management, Inc. Antioch	9.80	7.60	9.40	26.80	26.60	27.50	81	96	98
TOWER LAKES*	Waste Management, Inc. Antioch	9.80	8.90		18.70	27.10	27.00	73	97	99
TOWER LAKES*	Praireland Disposal & Recycling Services			9.22	9.22			9		
TOWER LAKES*	TOTAL	9.80	8.90	9.22	27.92	27.10	27.00	82	97	99
VERNON HILLS*	Advanced Disposal Services, Waukegan	163.22	191.73	193.82	548.77	581.79	502.18	1,633	1,550	1,598
VOLO*	Groot Industries	36.20	45.51	34.47	116.18	116.39	97.82	330	292	
WADSWORTH*	Groot Industries	29.14	22.98	25.59	77.71	61.42	55.21	195	244	273
WADSWORTH*	Waste Management, Inc. Antioch	0.70	0.70	0.70	2.10	2.20	2.00	6	7	
WADSWORTH*	Praireland Disposal & Recycling Services							0	3	
WADSWORTH*	Lakes Disposal	2.90	2.90	2.90	8.70	8.50	6.90	24	21	
WADSWORTH*	Advanced Disposal Services, Waukegan	6.24	5.98	8.10	18.32	11.87	9.59	40	24	
WADSWORTH*	TOTAL	38.98	32.66	35.29	106.83	83.99	74.70	266	299	273
WAUCONDA*	Waste Management, Inc. Antioch	85.10	76.60	85.70	247.40	254.00	215.70	717	833	817
WAUKEGAN*	Advanced Disposal Services, Waukegan	434.80	415.69	428.59	1,279.08	1,203.19	951.15	3,433	2,771	1,812
WINTHROP HARBOR*	Groot Industries	58.73	46.31	47.44	153.48	153.54	138.66	448	459	450
ZION*	Advanced Disposal Services, Waukegan	119.70	127.22	133.20	380.12	369.97	305.09	1,055	853	595
LAKE COUNTY	Groot Industries	251.18	213.28	248.94	713.40	518.36	447.08	1,680	1,369	1,487
LAKE COUNTY	Advanced Disposal Services, Waukegan	12.63	13.02	14.37	40.02	27.05	16.49	84	74	
LAKE COUNTY	Lakeshore Recycling Systems	5.77	6.02	7.30	19.09			19		
LAKE COUNTY	Waste Management, Inc. Antioch	234.10	215.10	225.40	674.60	680.10	630.10	1,985	2,318	2,422
LAKE COUNTY	Waste Management, Inc. Wheeling	48.48	41.16	41.50	131.14	142.37	129.03	403	418	446
LAKE COUNTY	TOTAL	552.16	488.58	537.51	1,578.25	1,368.88	1,222.70	4,170	4,179	4,355
TOTALS		5,155.65	4,755.55	5,057.99	14,969.19	15,041.54	12,905.95	42,917	44,828	42,966

*Municipalities Utilizing Recycling Carts

I – 3. HCW Program Update

BACKGROUND: The following information summarizes the Household Chemical Waste (HCW) Program for the second half of FY 2015. The demand for the HCW program remains strong showing increases in both participation volumes and waste volumes.

The Pharmaceutical Segregation program, which started up in February, continues to grow. As of December 17th, 2015, we have conducted twelve Pharmaceutical Segregation “events” at our facility collecting approximately 11,000 pounds of pharmaceuticals. The attached chart shows the participating municipal police departments, the total pounds of pharmaceuticals delivered, the total volume of Schedule 2 controlled substances (i.e. pain killers/opiates) and the corresponding street value (est. \$750,000).

The following tables summarize the results of HCW events conducted from July 1st thru November 30th. Also included is a table for the Pharmaceutical Segregation Program.

Deerfield – High School – July 18th			
Item	2015 Results	2013 Results	Difference
Vehicles/Households	763/837	548/593	+ 215 cars
Deerfield Residents	279 (37%)	217 (40%)	+ 62 residents
1 st Timers	305 (40%)	193 (35%)	+ 112

Lake Forest – Municipal Services Center – October 17th			
Item	2015 Results	2014 Results	Difference
Vehicles/Households	748/802	525/548	+ 223 cars
Lake Forest Residents	223 (30%)	200 (38%)	+ 23 residents
1 st Timers	269 (36%)	226 (43%)	+ 43

Mundelein – Metra Train Station – November 7th			
Item	2015 Results	2014 Results	Difference
Vehicles/Households	797/826	802/843	- 5 cars
Mundelein Residents	348 (44%)	308 (38%)	+ 40 residents
1 st Timers	263 (33%)	230 (29%)	+ 33

SWALCO’s Public Drop-off Events (July - November)			
Item	# of Events	Vehicles Served	% Design Capacity
July 1 st thru November 30 th	11	1,661	101%

ENCLOSED DOCUMENTS: Pharmaceutical Segregation Table

STAFF: Steve Nelson, Household Chemical Waste Engineer