

**CITY OF SHOREVIEW
AGENDA
CITY COUNCIL WORKSHOP
JUNE 16, 2014
IMMEDIATELY FOLLOWING REGULAR MEETING**

1. ROLL CALL
2. RICHMOND AVENUE STORM DRAINAGE
3. CLEAN UP DAY DISCUSSION
4. OTHER ISSUES
5. ADJOURNMENT

DATE: June 12, 2014
TO: Mayor, City Council and City Manager
FROM: Mark Maloney, Director of Public Works *mjm*
SUBJECT: Richmond Avenue Storm Drainage

The property owner at 3292 Richmond Avenue has been in contact with the City regarding the situation with storm drainage that impacts her home (see attached). There is an approximate 40-year history of large storm events overwhelming the City storm drainage system, flooding Richmond Avenue and causing water to drain toward/into the home. The lower level of the home has suffered water damage from flooding at least twice in the past 5 years.

There are numerous factors contributing to the situation, but it is mostly an issue of a relatively large area draining to a point where a home was built (1957) in a configuration that makes it a high risk for flooding. The combination of its proximity to the natural floodway to Lake Judy, its lowest floor elevation, the design of the house with a tuck-under garage and an almost perfectly flat driveway means the house is at risk for water damage every time there is a rainfall event that exceeds the design standard for the City's infrastructure. The City in 1979 added large capacity storm drain inlets in Richmond Avenue in an effort to reduce street flooding, but in times of major storms they are backed up by the discharge to Lake Judy. In 2011 the City greatly increased the capacity of the swale that acts as an emergency overflow for street flooding, but we have since seen rainfall events that continued to send more water to the area than could be accommodated. Currently there are sandbags delivered to the property and City staff monitors the rain events; if the area is receiving intense rain we assist the homeowner in the placement of sandbags to protect the lowest floor opening to her home.

The topography of the neighborhood is such that a large (23 acre) area to the west of Lake Judy drains both overland and via buried storm sewers to the east and concentrates at Richmond Avenue in front of the home. The attached map shows the effective drainage area. Although detailed design work has not been performed, it is likely that the cost of additional public storm drainage improvements to the area to provide a greater level of flood protection would greatly exceed the value of the one property that is being impacted. Additionally, increasing the number and/or size of inlets and pipes in the area would exacerbate the problem by sending water to the area faster. While that could be seen as an improvement for upstream properties, it increases the risk of flooding at 3292 Richmond.

Staff has had preliminary conversations with Ramsey-Washington Metro Watershed District (RWMWD) as well as the Minnesota Department of Public Safety concerning Flood Hazard Mitigation grants. It appears that this situation is seen primarily as a City issue and doesn't automatically qualify for outside funding, however it is possible that RWMWD could be a funding partner if the property were repurposed as storm water/water quality/habitat restoration site in the future.







Ramsey County Parcel Report

Report generated 6/13/2014 9:16:07 AM



Parcel location within Ramsey County



Taxlot highlighted in red

Parcel ID: 353023310029

Owner(s): Maryann Jean Duke, Maryann Jean Duke Trustee

Site Address: 3292 Richmond Ave, Shoreview MN 55126-3842

[Link to Ramsey County Tax and Property Quick Info](#)

Tax Payer(s): Maryann Jean Duke
Maryann Jean Duke Trustee

Homestead: Y

Tax Address: 3292 Richmond Ave, Shoreview MN 55126-3842

Use Type: Single Family Dwelling, Platted Lot

Dwelling Type: SINGLE FAMILY DWELLING

Home Style: One Story

Lot: 8 **Block:** 6

Living Area: 1896 **Sq. Ft.**

Plat Name: SUNSET PARK

Year Built: 1957

Area: 0.38 **Acre(s)**

Garage: Y

2013 Pay 2014 EMV Land: 192700

Garage Area: **Sq. Ft.**

2013 Pay 2014 EMV Building: 102100

Heating Type: HOT AIR

2013 Pay 2014 EMV Total: 294800

Cooling Type: CENTRAL W/AIR COND

Total Tax* in 2013 : 4644

School District: 623

Special Assessment in 2013: 42

Watershed District: Metro Watershed

Tax Exempt: N

Green Acre:

Last Sale Date:

Open Space: N

Last Sale Price:

Agriculture Preserve: N

*The user of this report acknowledges that the City/County shall not be liable for any damages, and expressly waives all claims, and agrees to defend, indemnify, and hold harmless the City/County from any and all claims brought by the User, its employees or agents, or third parties which arise out of the User's access or use of data provided. *Total Tax includes special assessment due if any.*



Mark Maloney <mmaloney@shoreviewmn.gov>

Richmond Ave flood plain

1 message

Maryann Duke <mandgduke@aol.com>

Wed, Jun 4, 2014 at 9:44 AM

To: Mark Maloney <mmaloney@shoreviewmn.gov>, Karen Eckman <k.eckman@comcast.net>, Verene Posavad <VPosavad@aol.com>, PETER WYCKOFF <ptwyckoff@msn.com>, Maryann Duke <mandgduke@aol.com>, "sandymartin444@gmail.com" <sandymartin444@gmail.com>

Hello out there. Is my flooding situation being discussed or even considered? Total strangers walking by my yard ask me if the city is going to do anything and all I can say is that I don't have a clue. All I can do is monitor every weather forecast, wake up multiple time on rainy nights and worry if I dare leave home in June for a granddaughters confirmation or in August for a daughters wedding. If I am home and awake when it floods I can at least open the back door and swish the water out and thus mitigate some of the damage to the lower level.

There has to be a solution. It is so unfair that storm water run off from the entire neighborhood exits through my house. Storms are becoming more frequent and intense. Please help.

Maryann Duke
3292 Richmond Ave. Shoreview MN 55126
651 484 4323
Mandgduke@aol.com

Sent from my iPad



Mark Maloney <mmaloney@shoreviewmn.gov>

Re: Richmond Ave Flood Plain

1 message

Maryann Duke <mandgduke@aol.com>

Tue, Apr 8, 2014 at 1:18 PM

To: Mark Maloney <mmaloney@shoreviewmn.gov>

Cc: Maryann Duke <mandgduke@aol.com>, Karen Eckman <k.eckman@comcast.net>, Verene Posavad <VPosavad@aol.com>, PETER WYCKOFF <ptwyckoff@msn.com>, Ann & Art Dehn <amdehn@q.com>

Thanks for your reply, Mark. I am relieved to hear that you haven't forgotten my situation!

The sandbags were delivered this morning and Mike Radziwill was very nice. He gave me his cell phone number and suggested Pat Dunn was another person to contact in case of emergency. Would you send me his cell phone number please. Last summer, June 2013, the water came so fast I didn't even have time to make a call, I just had to keep swishing water out the back door before it reached the carpeted area.

I hope you will talk to the City Manager SOON and remind him that this is not a sustainable situation. I am available to talk to the City Council at any time.

Keep me posted on any progress. Maryann Duke

Sent from my iPad

On Apr 7, 2014, at 2:36 PM, Mark Maloney <mmaloney@shoreviewmn.gov> wrote:

Maryann

Sorry for the delay. I really need to talk to my boss (City Manager Schwerm) about a longer term strategy, and it may eventually involve you discussing the topic with the City Council. There isn't really a template for me to use to respond to the points you've raised, which we are very aware of. As we've discussed in the past, there isn't a straightforward short-term public infrastructure solution to the conditions that have existed for decades. I really want to get something done for you but we've exhausted the simple solutions. I'm going to need some direction before I can say we can spend too much public money on this.

In the interim I'll have the Public Works guys fill and drop off sand bags like we've been doing for the past two years. The person who can be considered your 24 hour call is Dan Curley at [\(651\) 214-4047](tel:(651)214-4047).

Thanks for your patience

Mark

On Sat, Mar 22, 2014 at 11:42 AM, Maryann Duke <mandgduke@aol.com> wrote:

Hi Mark,

Winter is winding down and flood season is coming so I am wondering if the City of Shoreview has come up with a better plan to deal with the storm water run-off on Richmond Ave.?

I am willing to put in a separate fence on my side of the easement-swale so that debris doesn't get hung up on fencing which reduces and delays the flow of storm water to Lake Judy. Remember the large trash can that floated through the swale last June (2013) after the fence connection washed out? This also means giving up 3-4 feet of my beloved garden space from street to lake but that is better than having storm water detour through the lower level of the house! Could the City do a curb cut and lower the level of the swale which would also facilitate the flow of storm water to the lake?

In addition to my house flooding and also the house across from me (Brad Eckstein's, 3291 Richmond), the high water level in the street is also a danger to cars trying to drive through. Over the years I have seen many cars try to make it through, gradually sink and their lights dim and go out. In one incident a fire truck blasted through responding to a chimney fire caused by a lightning strike on Cobb Rd. In that case the fire truck made it through but caused a "tidal wave" of water up my driveway which caused our VW Rabbit to float down the driveway and drown in the deep water in the street. My insurance company is not happy with this situation.

Would it help if I came and talked to the Shoreview City Council about this situation? I'm sure many of my friends and neighbors (who are tired of helping me clean up after floods) would be willing to come and support me.

Last week, via Karen Eckman, I gave RWMWD a collection of my flood photos taken over the years (1973-2013) to see if they can help us come up with a sustainable solution.

In the meantime, please return my "security blanket" sandbags and send me cell phone numbers of who I can call when the water is rising and I am in a panic. Please keep this situation in mind and work to find a solution.

Many thanks, Maryann Duke [651 484 4323](tel:6514844323)

—
Mark Maloney, Director of Public Works
City of Shoreview
4600 Victoria Street North
Shoreview, MN 55126
[\(651\) 490-4651](tel:6514904651)

3292 Richmond Ave.
Shoreview, MN 55126
November 5, 2011

To: Sandy Martin, Terry Shwerm, Mark Maloney, Tom Wesolowsky & Blake Huffman

My deepest thanks to all of you for accomplishing the swale project so quickly. I am very grateful that I won't have to panic when the fall and spring rains come.

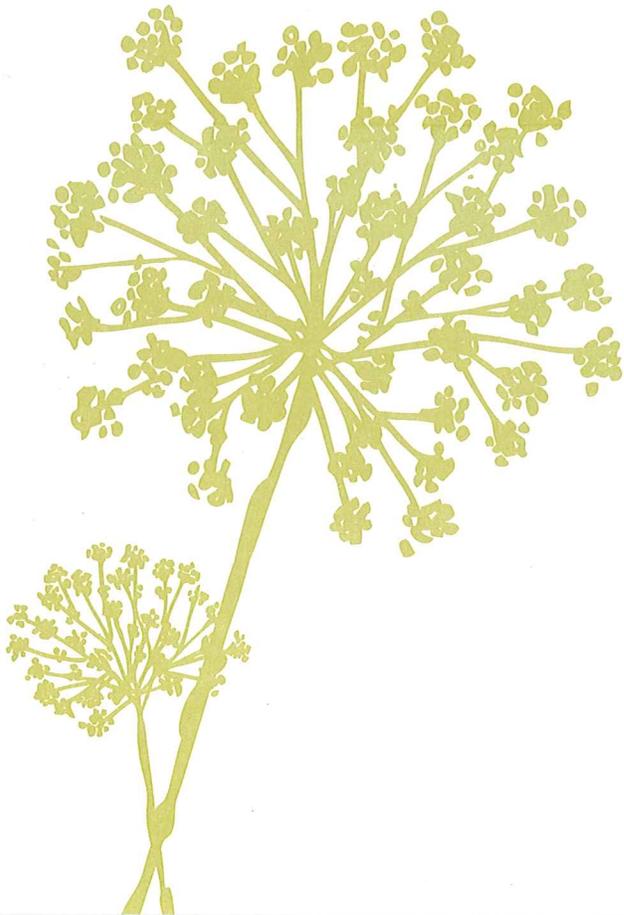
In addition to solving the problem of future flooding (I hope!) the swale looks great. So many people walking by on their way to the park have commented on how attractive it is and how it looks like it has always been there.

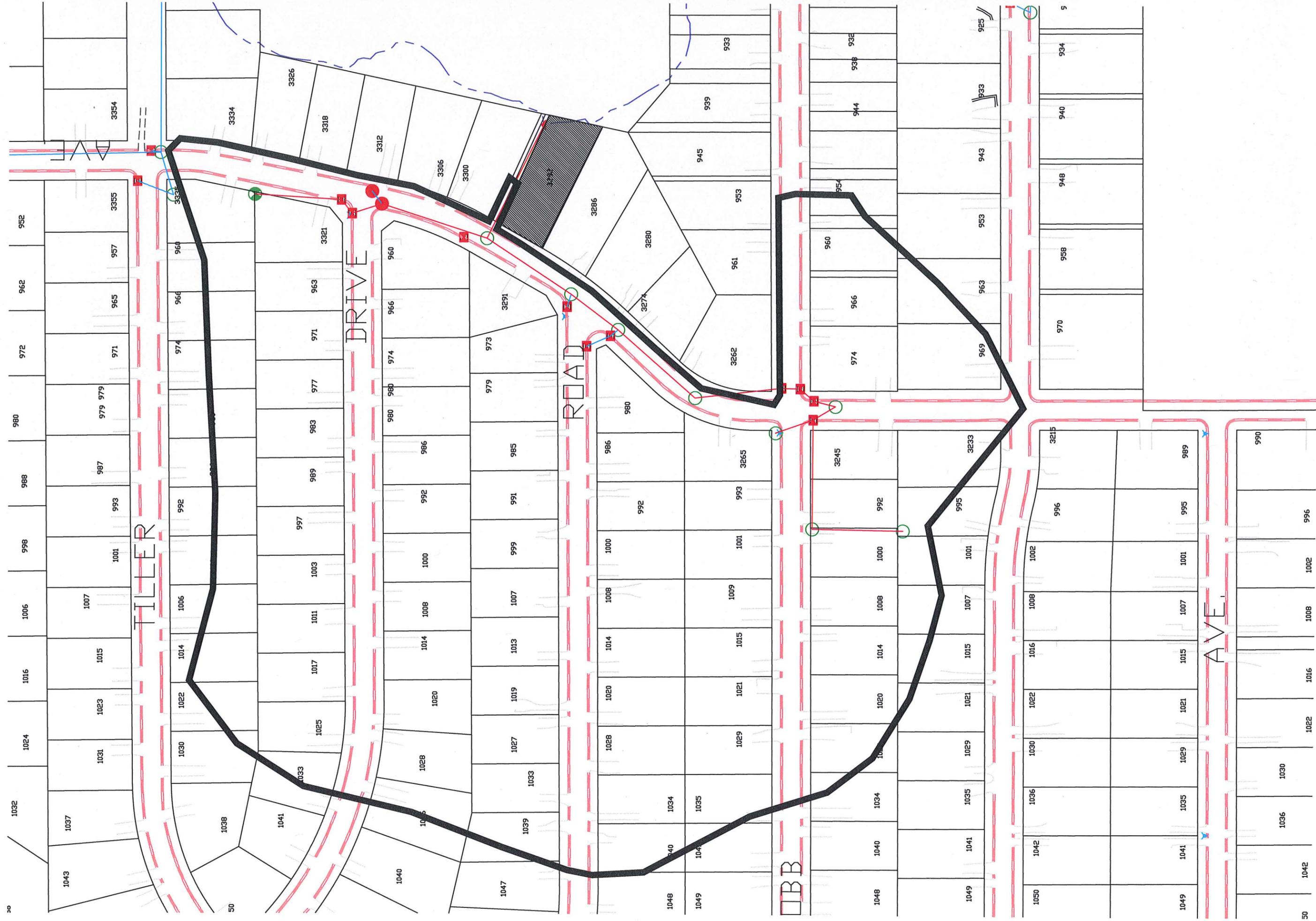
Mark Maloney, Tom Wesolowsky and all the crews on the job were great to work with, very professional and accommodating. I really appreciate the effort everyone made to make this project happen so quickly and attractively.

Sincerely yours,



Maryann Duke





30

50

50

TO: MAYOR AND COUNCILMEMBERS

**FROM: TERRY SCHWERM
CITY MANAGER**

DATE: JUNE 12, 2014

SUBJECT: REVIEW OF SPRING CLEAN-UP DAY

BACKGROUND

The cities of Shoreview and Arden Hills have operated a joint spring and fall clean-up day for many years. The clean-up day used to be held at the City's maintenance center, however, after the maintenance center expansion and renovation project, the event was moved to the Ramsey County Public Works site located at Highway 96 and Hamline Avenue in Arden Hills. These clean-up days have always been very popular with the cities typically handling between 500-700 cars per event.

The format for these clean-up days has been fairly stable through the years with the City of Shoreview responsible for overall management and coordination of the event. Residents of the two cities can drop off items that are not normally accepted by refuse haulers. Other refuse such as appliances, tires, construction debris, and e-waste are also accepted at the event. In addition, the City has always allowed charitable donations at the event through various providers including Goodwill and the Salvation Army. The refuse has been handled by the cities' recycling contractors – Waste Management and now, Republic Services (formerly Allied Waste).

In past years, we have set established prices to dispose of the items. Charges have included both special item costs (tires, appliances, e-waste) and per vehicle load fees. Based on the costs of the event and the revenue received, the City's recycling fund has subsidized about one-half of the cost of the event. In past years, customer wait times have varied tremendously (15-90 minutes) based on a variety of factors.

For 2014, staff recommended that we do a pilot project and offer a "free" clean-up day. It was felt that a "free" clean-up day would not only increase participation levels, but further encourage residents to clean up their homes and properties. Offering the service for free would also remove one of the primary "bottlenecks" – inspection of vehicles for specialty disposal items and processing payments.

The 2014 "free" Spring Clean-Up Day was held on Saturday, May 17th. The event was wildly successful with about 1000 vehicles passing through the clean-up day site, almost a 50% increase over the 2013 spring clean-up day. The amount of refuse collected increased more

than 75% from about 44 tons to nearly 77 tons. Other “specialty” refuse items had comparable increases and e-waste collection jumped more than 200% from about 8 tons to more than 25 tons.

As a result of this increase in vehicles and tonnage collected, wait times increased dramatically with many people waiting 2-3 hours to dispose of their materials. City staff needed to turn people away beginning around 1:30 pm, well before the advertised closing time of 3 pm. This needed to be done because refuse haulers could only be at the site until 4 pm due to time limits on their drivers and there was more than a two hour wait at that time. While many residents appreciated the “free” element of the clean-up day, there was a great deal of frustration and anger due to the length of the lines; and the fact that people needed to be turned away prior to the advertised ending time.

RECOMMENDED CHANGES

Staff has met and discussed potential changes to our clean-up day operation to make it more efficient for residents of Shoreview and Arden Hills. We discussed several options that could be used from curbside pickup to splitting the City into zones and holding two clean-up days in the spring and fall. However, some of these options were deemed too expensive since they do not fit into the current recycling budget where funding for clean-up days is budgeted.

Some of the operational changes that are being recommended by staff include:

1. Payment – although the “free” clean-up day certainly demonstrated the need for this type of service in the City, the amount of material collected increased dramatically with the “free” concept. Staff is recommending a simplified pay structure that would have a flat charge by car load, pickup/van/SUV load, and by trailer load. By having one price for each of these categories, it should speed up the payment process. We also would suggest only accepting cash and checks. We have tried using credit cards in the past, however, weak internet service as well as inclement weather has resulted in difficulty processing credit card payments, causing bottlenecks. In future years, we would like to explore the potential for prepayment options, which could further speed up processing.
2. Elimination of Some Collectibles – one of the keys to faster processing of vehicles is having more “stations” where residents can dispose of their debris. The current site is “maxed out” in terms of space and we are not able to process as many cars as we would like. Most vehicles that come through currently have multiple stops on the site including hazardous waste, e-waste, refuse, and charitable donations. These multiple stopping points slow down our ability to process vehicles.

Even though there is some synergy in allowing household hazardous waste (HHW) drop off on clean-up day, it increases the number of stops a vehicle has to make on the site, delaying processing of other vehicles. Since Ramsey County offers this service

throughout the County on a regular basis, staff recommended that we not include HHW during clean-up day.

Similarly, charitable donations of clothes, furniture, etc., are typically accepted at many second hand stores, and many groups will come to your home to pick up donations. Staff does not believe the charitable donations are an essential element of clean-up day. It is recommended that charitable donations not be accepted at clean-up day, which would allow for more refuse disposal drop off locations on the site.

The other elements of clean-up day including general refuse and debris, e-waste, appliances, construction debris, tires and scrap metal are not as easy to dispose of and staff recommends maintaining these stations at the clean-up day event.

3. Hours of Operation – at this year’s event, the City was made aware of the hourly restrictions of the drivers of the refuse trucks. Since these hourly restrictions exist, staff is recommending that we end the event at 2 pm, rather than 3 pm, to allow sufficient time at the end of the event so we can handle everyone in line by that time.
4. Greeting/Vehicle Processing – staff is also suggesting that a staff person be stationed closer to the vehicle entrance to the site to greet vehicles, check identification, inform them of the materials being accepted, the cost and cash/check only policy, and, if possible, the potential wait time. Staff at this location could also have material about where hazardous waste is being accepted and how people can handle charitable donations.

Staff believes that these process changes will allow the cities to hold a more effective clean-up day with reasonable processing times. Staff will be meeting with Republic Services next week to discuss other potential changes that may improve the process.

Staff wanted to discuss this revised approach with the Council prior to implementing it for the fall clean-up day. While this revised process does require adding administrative staff to process payments, we hope the other changes will help streamline the clean-up day process and allow the faster processing of vehicles. Staff needs to decide on this new process quickly because it needs to be placed in upcoming ShoreViews newsletters.

Cleanup Day Budget Breakdown

FREE

	2011	2012	2013	2014
Total \$ Collected (Both Cities)				
Spring	\$16,492.75	\$14,080.00	\$10,766.00	FREE
Fall	\$8,931.00	\$9,149.00	\$9,163.00	-
Total	\$25,423.75	\$23,229.00	\$19,929.00	-
AH Cash and Checks				
Spring	\$3,588.00	\$2,033.00	\$2,404.00	FREE
Fall	\$816.00	\$2,110.00	\$1,944.00	-
Total	\$4,404.00	\$4,143.00	\$4,348.00	\$0.00
AH Credit Card Payments				
Spring	N/A	\$175.00	\$617.00	\$0.00
Fall	\$49.00	\$549.00	\$594.00	-
Total	\$0.00	\$724.00	\$1,211.00	-
Shoreview Cash, Check and Credit (34390)				
Spring	\$12,904.75	\$11,872.00	\$7,745.00	\$0.00
Fall	\$8,066.00	\$6,490.00	\$6,625.00	-
Total	\$20,970.75	\$18,362.00	\$14,370.00	\$0.00
Total AH Invoice (1/3 Program Costs) (33910)				
Spring	\$10,366.36	\$7,782.68	\$8,651.63	\$10,752.29
Fall	\$7,236.08	\$7,127.98	\$7,731.65	-
Total	\$17,602.44	\$14,910.66	\$16,383.28	\$10,752.29
Total Shoreview Revenue				
Spring	\$23,271.11	\$19,654.68	\$16,396.63	\$10,752.29
Fall	\$15,302.08	\$13,617.98	\$14,356.65	-
Total Revenue	\$38,573.19	\$33,272.66	\$30,753.28	\$10,752.29
Allied Waste Costs (3640)				
Spring	\$29,531.40	\$23,239.65	\$24,450.73	\$27,305.55
Fall	\$19,549.83	\$18,893.82	\$20,749.81	\$0.00
Total	\$49,081.23	\$42,133.47	\$45,200.54	\$27,305.55
Personnel Costs (1020)				
Spring	\$838.63	\$600.76	\$1,504.14	\$456.32
Fall	\$1,312.14	\$1,522.94	\$2,445.12	\$0.00
Total	\$2,150.77	\$2,123.70	\$3,949.26	\$456.32
Other Costs (3640)				
Spring	\$131.77	\$131.77	\$0.00	\$4,495.00
Fall	\$0.00	\$111.77	\$0.00	\$0.00
Total	\$131.77	\$243.54	\$0.00	\$0.00
Event Cost				
Spring	\$30,501.80	\$23,972.18	\$25,954.87	\$32,256.87
Fall	\$20,861.97	\$20,528.53	\$23,194.93	\$0.00
Total Event Costs	\$51,363.77	\$44,500.71	\$49,149.80	\$32,256.87
Number of Cars				
Spring	606	694	674	1000
Fall	486	444	699	-
Total	1092	1138	1373	1000