

## AGENDA

Environmental Committee Thursday, March 7, 2024 7:00 PM - Conference Room C

## CALL TO ORDER

## APPROVAL OF MINUTES

1. 2-1-24 Minutes

## **NEW BUSINESS**

- 1. Annual Municipal Separate Storm Sewer System (MS4) Community Meeting-Informational
- 2. Discussion regarding 2024 Go Green Day, Woodfield Mall

### UNFINISHED BUSINESS

- 1. 2024 Environmental Fair Planning
- 2. 2024 Spring Recycling Event Update

## **DEFERRALS**

## COMMENTS FROM THE PUBLIC

## **ADJOURNMENT**

### **NEXT MEETING**

In compliance with the Americans with Disabilities Act and other applicable Federal and State laws, the meeting will be accessible to individuals with disabilities. Persons requiring auxiliary aids and/or services should contact the Village Manager's Office at 847.923.4705, preferably no later than five days before the meeting.



## 2-1-24 Minutes 3/7/2024 Environmental Committee

Presenter:	
Lead Department:	Community Development
	Executive Summary:
	Recommended Action:

## **ATTACHMENTS:**

Description Type
MINUTES Exhibit

## VILLAGE OF SCHAUMBURG - ENVIRONMENTAL COMMITTEE MINUTES

Meeting of February 1, 2024

Page 1 of 3

## CALL TO ORDER

The meeting was called to order at 7:00 p.m. by Chairperson Donna Panico-Atkins.

### **ROLL CALL**

Members Present:

Donna Panico-Atkins - Chairperson, Robert Wachsmuth, Ryszard Puskarz,

Elizabeth Wimmer, Christine Krause, Thomas Radtke

Member(s) Absent: Pratik Patel, Donna Johnson, and Sandeep Alavandi

A quorum was present.

Staff Present:

Monica Richart - Sustainability Planner

Others:

Trisha Kern – Recording Secretary

## APPROVAL OF MINUTES – December 7, 2023

Mr. Radtke made a motion to approve the minutes seconded by Ms. Wimmer.

All Ayes. Three members were absent.

**MOTION CARRIED** 

## **NEW BUSINESS**

## 1. Rules of Procedure

Chairperson Panico-Atkins asked if everyone read over the Rules of Procedure. Mr. Radtke stated he had a question about new business that isn't on the agenda in relations to the Open Meetings Act. Chairperson Panico-Atkins stated new business could be brought up and if it had consensus then it could be added to an agenda then it would be added to a future agenda. Mr. Radtke stated he would like clarification from the Village because it seems like that is in contradiction to the training he was given. Ms. Richart stated she would get the Village's official position on it.

Mr. Radtke made a Motion to Adopt the Rules of Procedure seconded by Ms. Krause.

All Ayes. Three members were absent.

MOTION CARRIED

## **UNFINISHED BUSINESS**

## 1. 2024 Environmental Fair - Planning

Chairperson Panico-Atkins stated Ms. Johnson had not been able to get ahold of MWRD for a rain barrel either and the staff was going to check with the library to see if they had another contact. Mr. Radtke questioned if they could buy one. Ms. Richart stated she would follow-up to see if they could get one. Ms. Panico-Atkins stated Sue Cubberly is lined up and Ms. Johnson will have the book suggestions from Sue at the next meeting. The session is scheduled at 2:00. It will be a 30-minute session and then allow for questions. The booth will need to come up with six questions for the buzzer board. Ms. Richart stated the memo had said the committee was also going to look into a list of books.

## VILLAGE OF SCHAUMBURG - ENVIRONMENTAL COMMITTEE MINUTES Meeting of February 1, 2024 Page 2 of 3

Ms. Wimmer stated she found a list of books from the Schaumburg Library for adults. She stated she found one book that was not at the library called *Let's Build a Rain Garden*. She will share the list with Ms. Richart. Chairperson Panico-Atkins asked the committee if they agreed for staff to order the crayons and coloring books for the table. The committee agreed. Chairperson Panico-Atkins stated they all needed to come up with two to three questions for a total of six questions for the buzzer board regarding water harvesting by the March meeting. Mr. Radtke questioned how many answers they needed for each question. Ms. Wimmer stated it is three responses.

Ms. Richart stated the memo said the committee needed to finalize the wording for the article of the Cracker Barrel. Chairperson Panico-Atkins stated at the last meeting the committee agreed to use the previous wording for the article. Ms. Richart will send the Cracker Barrel the same thing that was sent to the library.

## GENERAL COMMENT

Chairperson Donna Panico-Atkins introduced the new staff liaison, Monica Richart. Ms. Richart stated she came from private practice as an urban designer at an engineering and architecture firm and her focus was on resiliency and sustainability. She also has experience teaching environmental design and planning.

Chairperson Panico-Atkins stated there was a small budget that would cover coloring books, crayons, picture frames for award winners and seed packets.

Chairperson Panico-Atkins asked if we had a date for the spring recycling event. Ms. Richart stated that Bob Mamrot had emailed the date of April 20<sup>th</sup>. Ms. Richart also stated Ms. Dooley had submitted articles for the Cracker Barrel regarding the winners of the 2023 Landscape Awards and notice for the Al Larson Award applications.

Mr. Radtke stated he would like the Schaumburg Green Action Plan to be placed on the work plan in 2024. Chairperson Panico-Atkins stated Ms. Dooley had said would be an agenda soon. Ms. Richart stated it is a big project and it will be a big project for this committee. Mr. Wachsmuth stated he believes the vehicle the Public Works Department received may be one of the items on the list. Ms. Wimmer stated she believes it is an existing framework that is adjusted for Schaumburg. Chairperson Panico-Atkins stated in the past they review the Green Action Plan and if there is an item they want to promote they put that item on the agenda. Ms. Richart stated it would be a big part of the meetings this year.

## **DEFFERRALS**

1. June 2, 2024 | Summer Reading Challenge Event at Library 1:00-3:30 p.m.

## **ADJOURNMENT**

There being no further business, Mr. Radtke made a motion, seconded by Ms. Krause to adjourn the meeting.

All Ayes. Three members were absent.

## VILLAGE OF SCHAUMBURG - ENVIRONMENTAL COMMITTEE MINUTES Meeting of February 1, 2024 Page 3 of 3

The meeting was adjourned at 7:30 p.m.

Monica Richart Sustainability Planner

I have reviewed the minutes, and they accurately represent the actions taken by the Environmental Committee.

Trisha Kern, Recording Secretary Environmental Committee



## Annual Municipal Separate Storm Sewer System (MS4) Community Meeting-Informational 3/7/2024

## **Environmental Committee**

Presenter: Brian Wagner, Superintendent of Utility Services

Lead Department: Engineering and Public Works

## Executive Summary:

The Village of Schaumburg is a Municipal Separate Storm Sewer System (MS4) Community that is regulated by the Illinois Environmental Protection Agency (IEPA) under the National Pollutant Discharge and Elimination System (NPDES) Phase II permit. The permit requires that the Village provide six Minimum Control Measures (MCM). One of those measures is to provide public education and outreach, including an annual meeting to present the Village's program and procedures and solicit input from the public. This will include a brief Power Point presentation that explains the requirements, purpose and need, and the Village's current and future program and procedures.

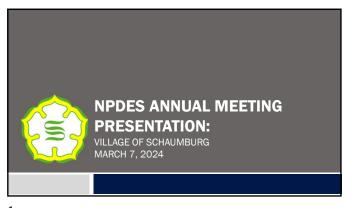
## Recommended Action:

Informational

## **ATTACHMENTS:**

Description Type

Presentation
Presentation



In this presentation...

- Define key terms such as; NPDES, MS4, and MCM
- Discuss the need for a stormwater program and storm system permit
- Discuss concepts relative to stormwater runoff and water quality
- Emphasize the benefits of a well-developed Stormwater Management Plan
- Review the Village's current plan and proposed changes
- □ Respond to any comments or questions

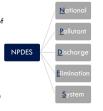
## Key Terms: What is NPDES?

- A Program created by USEPA to address water pollution by regulating sources known to discharge into waters of the United States.
- NPDES program defines rules that act to regulate sources of pollution in an effort to protect the Nation's natural waterways.
- Created in 1972 by the Clean Water Act, the USEPA authorized state governments to perform many administrative aspects of the NPDES program such as permitting and enforcement.

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NPDES rules were implemented in phases that targeted different point sources such as wastewater treatment plants and then non-point source contributors like communities such as the Village of Schaumburg.



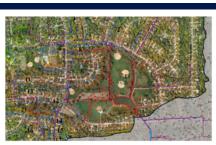
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Key Terms: What is MS4?



## Key Terms: What is MCM?

- A key element of a MS4 Stormwater management program made of 6 categories that, when combined, are expected to result in significant pollutant discharge reduction in local waterways.
- Each of the 6 categories include Best Management Practices which are made up of regulations, requirements, and activities to be enforced and undertaken by the Village.



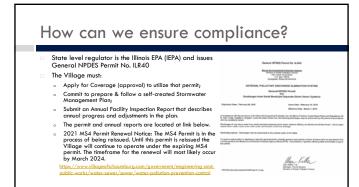
Why does this matter?



- Precipitation falls on all areas throughout the Village (i.e. industrial and commercial areas, neighborhoods, roadways, parks, etc.)
- This precipitation leads to stormwater runoff.
- Stormwater runoff picks up and carries pollutants to our waterways.

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Current Activities.

Provide hondouts to residents:

EPA After the Storm

EPA Protecting Water Quality from Urban Runoff

Climate Change Handouts

Deterniting Reals to Dol/ North handout to residents

Annual Touch a-Track/Public Warks Open House

Fith Crate tandard enforcement, and

Village Green Corner website

Annual public meeting for MS4 feedback (today)

Stormwater Pollution Prevention FSA and MWRD rain barrel video on Village website

Pronote Park District and SCARCE Edectional Programs

Implement Stormwater Educational Program with local schools

2024 Changes Anticipated to be updated by March 2024

9 10



Current Activities:

Update GIS Sewer Maps as necessary and install outfall number markers

Enforce Village Code for Illiand discharge violations
Participates in the DePage River Salt Creek Workgroup stream monitoring program
Perform dry-weather outfall inspections
Provide phone number for Illiand discharge reporting on Village website.

a. call (847) 957-7100 to report
Identify high risk outfalls and procedures for source tracing and spill response.
Include discharge and reporting PSA in the Village newsletter

2024 Changes: Anticipated to be updated by March 2024

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#### MCM #4: Construction Site Stormwater Runoff Control

#### Current Activities

- Enforce various Village ordinances: Village Floodplain, Subdivision Control, and Wetland Protection Ordinance
- MWRD WMO requirements
- Permit Reviews Routine inspections
- Enforcement action

Citizen complaint process 2024 Changes: Anticipated to be updated by March 2024





#### MCM #5: Post Construction Stormwater Management



Current Activities:

- Village Biodiversity Plan and Comprehensive Green Action Plan
- Enforcement of MWRD WMO requirements for Post Construction Best Management Practices

2024 Changes: Anticipated to be updated by March 2024

13 14

#### MCM #6: Pollution Prevention & Good Housekeeping

#### Current Activities:

- Training video for Engineering & Public Works Good Housekeeping & Pollution Prevention
- MWRD creek inspection & maintenance
- Village Street Sweeping, annual catch basins cleaning and cleaning adjacent to construction
- Hot Spot Patrol and Inlet Cleaning Program
- Village Severe Weather Emergency Plan
- Storm sewer repair and maintenance projects Partnership with Park District to maintain detention basins with Village inspections
- Staff Attendance at pollution prevention for MS4 communities workshop

2024 Changes: Anticipated to be updated by March 2024



## IEPA's Proposed Permit Changes (2024)

- Summary of measurable actions
  - Number of Pre-construction meetings/reviews conducted
  - Number of violations found during site inspections
  - Number of enforcement/corrective actions taken
  - Number of attendees at training classes for contractors, developers, or others involved
- Updated permit Language
  - Provide an annual evaluation of post-construction storm water management BMPs and measurable goals in the Annual Report including the total number of...
    - Annual trainings conducted
  - BMPs implemented and the resulting percent reduction in storm water runoff and pollutants

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## IEPA's Proposed Permit Changes (2024) cont'd

- Permitees shall develop and maintain a municipal storm water control inventory of municipallyowned or operated facilities and stormwater controls, including but not limited to...
  - Composting Facilities
  - Equipment storage and maintenance facilities
  - Fuel farms
  - Hazardous waste disposal facilities
  - Hazardous waste handling and transfer facilities
  - Incinerators

  - Landscape maintenance on municipal property Materials storage yards
- Pesticide storage facilities
- Public buildings (schools, libraries, fire stations, etc.)
- Public parking lots
- Public golf courses
- Public swimming pools Public works yards
- Recyclina facilities, salt storage facilities Solid waste handling and transfer facilities
- Street repair and maintenance facilities
- Vehicle storage and maintenance yards
- Municipally-owned and/or maintained structural storm water controls

## IEPA's Proposed Permit Changes (2024) cont'd

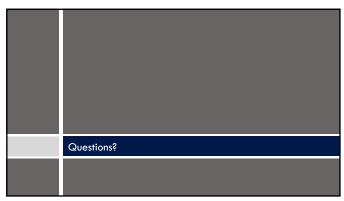
- The developed municipal storm water control inventory shall provide the following...
  - Documentation of the previously outlined facilities
    - Mapping (GIS) of the following in the MS4 Permit Area...

      1 Storm water outfalls corresponding to each of the facilities, as well as the receiving waters to which these facilities discharge
    - ☐ Identification of each major facility with contact information

  - Records of inspection and visual monitoring, including...

    u Quarterly visual inspections to ensure that equipment is clean and orderly and to minimize pollutant discharge Look for evidence of spills, take immediate corrective actions if needed and maintain a log of inspections, deficiencies and corrections for each facility. Records shall be kept with the SWMP documents.

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## Discussion regarding 2024 Go Green Day, Woodfield Mall 3/7/2024 Environmental Committee

Presenter: Monica Richart, Sustainability Planner

Lead Department: Community Development

## Executive Summary:

Woodfield Mall is hosting an Earth Day event "Go Green Day" on April 20th, 1pm - 3pm. The event will feature sustainability focused tables providing craft, recycling and educational activities. The event is the same day as the village's recycling event so staff has informed Woodfield that any participation would be limited. This item is to discuss whether the committee members would like to provide any level of participation in this event given commitments to volunteer at the recycling event.

## Recommended Action:

For discussion



# 2024 Environmental Fair - Planning 3/7/2024 Environmental Committee

Presenter: Monica Richart, Sustainability Planner

Lead Department: Community Development

## Executive Summary:

The Committee decided to participate in the library's Summer Reading Challenge Kick Off event in June instead of hosting a separate environmental fair. Planning the Committee's participation began in October. Based on these discussions, Staff incorporated the Committee's feedback into the attached planning status memo.

## Recommended Action:

For discussion

## **ATTACHMENTS:**

Description

Planning Status 24-3-7

Exhibit

2024 Environmental Fair Questions

Exhibit



### **MEMORANDUM**

Date: February 26, 2024

To: Donna Panico Atkins, Chairperson

**Environmental Committee Members** 

From: Monica Richart

Subject: 2024 Environmental Fair – Discussion of Event Planning Status

#### Introduction

In 2014, the Environmental Committee began a partnership with the Schaumburg Township District Library to bring the Environmental Fair to the public. For several years, the event was held annually at the library, but the event was cancelled in 2020 due to the Covid-19 Pandemic. In 2021, the event was relocated to Spring Valley Nature Center to take advantage of their outdoor pavilion, butterfly rearing exhibit, and natural gardens.

Updated items are in italics.

#### **Discussion**

The library reached out to the Committee to determine if the Committee would be interested in collaborating with them on the library's summer reading challenge theme "Read, Renew, Repeat". The Committee discussed this at their meetings in October and November, and confirmed they would participate as an exhibitor and planning a session. The library confirmed past environmental fair exhibitors will be invited to participate. *Stephanie will know in April what the final list of exhibitors will be*.

#### **Event Information**

Theme: Read, Renew, Repeat Date: Sunday, June 2nd

Time: Event Time: 1:00 – 3:30 p.m.

Session Time: 2:00 p.m. (30 minutes speaking with 15 minutes for consultations)

Place: Schaumburg Township District Library

130 S. Roselle Road

#### Session

The Committee is coordinating a session on rain gardens and Sue Cubberly is confirmed as the Presenter. The library confirmed the session will be scheduled at 2:00 p.m., and the library will make sure to reserve a room for it. The Committee felt 30 minutes would be sufficient for this session with an additional 15 minutes for personal consultations to any participants.

Staff sent an email to Stephanie Driscoll at the library with the session description.

For the 2024 event, the session description is below:

#### Benefits of a Home Rain Garden

Small rain gardens at home can capture and control rainwater runoff while creating a haven for desirable plant life and pollinators. You'll see examples of attractive and easy-to-create rain gardens and learn how to create desirable spaces out

2024 Environmental Fair Environmental Committee February 26, 2024

of problem areas while conserving water, solving rainwater runoff problems, and beautifying your landscape. Bring photographs of your yard for a personal consultation.

#### **Exhibitors**

Staff confirmed that the Committee would like an exhibitor table. Additionally, the Environmental Committee will have an exhibitor booth. At past fairs held at the library, the exhibitors will be at tables in the lobby area.

The Committee decided to piggyback on the rain garden theme by having the following items at the Committee booth:

- Display of books related to rain gardens, rain harvesting: If the Committee would like the library to pull these books for the booth, the library will need a minimum of one-month advance notice. Stephanie Driscoll, Programs and Exhibits Manager at the library, will reach out to the reference librarian for suggestions, but the Committee should create a list of books too.
- Distribute small coloring books about rain gardens or rain harvesting: Staff will print 50 copies of this 10-page coloring and activity book titled "My Rain Garden" from the Federal Emergency Management Agency (FEMA). The coloring book can be downloaded for free and printed for the event. Additionally, staff will order 1-48 pack of crayons (8 per box) to distribute with the coloring books. The crayons are available through Amazon and can ordered in increments of 48 packs for about \$43.
- Conduct a drawing for a free rain barrel: Staff reached out to Kathy Ecklund in Public Affairs at the Metropolitan Water Reclamation District and confirmed that they will be sending a representative to conduct a rain barrel raffle. MWDR offered to bring maple saplings to give away, we will need to confirm in March if this service is something the Committee is interested in including.
- The Committee wants to use the Buzzer Board at the exhibitor table and created 11 questions and answers related to water harvesting/conservation. The Committee will narrow these down to 6 questions for the event.

#### **Outreach and Event Promotion**

The Village, Park District, and Library will provide outreach via printed newsletters/brochures, via websites, social media, and calendars. *Staff will send a written description of the event for an article in the summer issue of the Cracker Barrel.* The session description for the event has been sent to the library for inclusion in their brochure. Stephanie will let staff know if she needs anything else from the Committee.

#### Recommendation

For discussion.

#### Attachment:

1. 2024 Environmental Fair Buzzard Board Questions.

#### **ENVIRRONMENT FAIR BUZZARD BOARD QUESTIONS**

Compared to an equal area of traditional lawn, rain gardens allow how much more water to soak into the ground?

A. 15%

B. 30% (correct)

C. 50%

To avoid basement flooding and damage to foundations, a rain garden should be placed how far from your home, garage, or a neighboring property?

A. at least 10 feet (correct)

B. at least 25 feet

C. at least 45 feet

Rain barrels have the ability to save the average homeowner how much water?

A. 200 gallons

B. 700 gallons

C. 1300 gallons (correct)

What percentage of pollutants and sediment can Rain gardens remove from rainwater runoff?

A. 40-50%

B. 50-70%

C. 80-90% (Correct)

What types of plants should be used in a Rain Garden?

A. Exotic Flowers and grasses

B. Native flowers and grasses (Correct)

C. Trees and bushes

What are the benefits of a Rain Garden?

A. Reduces property flooding risk

B. Creates Habitat for butterflies, songbirds and other wildlife

C. All of the above (Correct)

What is a rain garden?

A. A place where it rains all the time

B. A place to control rain water runoff (Correct)

C. A place that breeds mosquitoes

What does a rain garden do?

A. Encourages weeds

B. Gives native plant and beneficial insects a place to thrive. (Correct)

C. Makes your yard wet

What are some environmental, economic, and efficient ways a city like Schaumburg can do to help reduce runoff of stormwater which is a major contributing factor of water pollution in urban areas?

A. Use "gray infrastructure" such as systems of gutters, tunnels, and pipes that move stormwater away from where we live even though these systems are aging.

B. Use "green infrastructure" such as placing a rain barrel up against a house, including acres of open park space outside a city center, and planting rain gardens. (Correct)

C. Do nothing, Schaumburg is already doing all it can to reduce stormwater runoff.

Rain gardens are designed to temporarily hold and soak in rain water runoff that flows from roofs, driveways, patios or lawns. Rain gardens are also effective for

A. Improving water quality by filtering runoff, providing localized flood control, and creating aesthetic landscaping sites. (Correct)

B. Improving water quality by filtering runoff, providing a way to use rainfall, but the drawback is they create a breeding ground for mosquitoes.

C. Encourages wildlife and biodiversity but they also create a breeding ground for mosquitoes because of the water collected in them after it stops raining.

## The ideal place to plant a rain garden is:

A. In a space that is close to the home or building, approximately 4-6 feet, and in an area that slopes down to the building while using a clay type soil.

B. In the parkway, the area between the sidewalk and the street, so the rain garden can help obstruct any runoff from going into the storm sewers.

C. Near a downspout or at the point of your sump pump discharge and down slope from the home or building. (Correct)



## 2024 Spring Recycling Event Update 3/7/2024 Environmental Committee

Presenter: Bob Mamrot, Division Supervisor/Costumer Service Division

Lead Department: Community Development

## Executive Summary:

The Village of Schaumburg and Schaumburg Environmental Committee will host a free recycling event on April 20, 2024.

## Recommended Action:

Informational

## **ATTACHMENTS:**

	Description	Type
D	2024 Spring Recycling Event Update	Exhibit
D	2024 Spring Recycling Event Map	Exhibit
D	2024 Spring Recycling Event Traffic Flow	Exhibit



Date: February 29, 2024

To: Environmental Committee Members

From: Adrian Marquez, Field Services Superintendent

Subject: 2024 Spring Recycling and Document Destruction Events – Planning Discussion

### Introduction

The Village of Schaumburg, Schaumburg Environmental Committee, and Schaumburg Township District Library will host a free document destruction event (commonly known as shredding) event on April 6, 2024, and a recycling event including document destruction on April 20, 2024.

#### Discussion

The document destruction event is for Schaumburg residents only and is scheduled from 9 a.m. to 12 p.m. on Saturday, April 6, 2024 (proof of residency is required), and it will be held in the parking lot of the Prairie Center for the Arts.

Attendees for the document destruction event will enter the Atcher Municipal Center (AMC) from the entrance on Summit Drive. They will proceed east through the AMC parking lot into the Prairie Center for the Arts parking lot. From there they will be directed through a staging area that will allow the resident to drop off their documents for destruction, and then exit onto Schaumburg Road.

The spring recycling event is scheduled for Saturday, April 20, 2024, from 9:00 a.m. to 1:00 p.m., and will take place in the west parking lot of the Wintrust Stadium. The following recycling services will be available; electronics such as TVs, computer monitors (for a nominal fee), cell phones, along with paint (for a nominal fee), oil, antifreeze, fire extinguishers, books, eyeglasses, textiles, bicycles, fluorescent bulbs, batteries, and document destruction.

Attendees for the recycling event will enter the north entrance of the Wintrust Stadium west lot where they will be directed into staging lanes within the lot. At the first stop of the drop zone, volunteers will collect items such as textiles, batteries, fire extinguishers, eyeglasses, oil, antifreeze, books, flags, bicycles, and fluorescent bulbs. In the second stop, volunteers will collect paint. The third stop will involve volunteers collecting documents for destruction. In the final stop, volunteers will be collecting electronics including TVs, computer monitors, and cell phones. The drop zone routing allows vehicles to bypass unneeded stops by using the outside lanes.

Preparations for both events include sign manufacturing, ordering supplies, and scheduling employees. Attached, is a map for the recycling event. This map will be distributed to EPW staff, Police Auxiliaries, volunteers, and vendors at the event.

The Schaumburg Environmental Committee is encouraged to volunteer for the spring recycling event. Volunteers would start at 7:30 a.m. and work until 1:00 p.m. Food and water will be provided for all volunteers.

#### Recommendation

**Planning Discussion** 

