July 14, 2015 Public Hearing regarding:

Stormwater Management Program
and
Annual Report to the MN Pollution Control Agency (MPCA)
for
National Pollutant Discharge Elimination System (NPDES)
2014 Activities

City of Minneapolis
and
Minneapolis Park & Recreation Board,
Co-Permittees

Minneapolis
City of Lakes

Minneapolis Park & Recreation Board

Context:

1972 Clean Water Act

U.S. Environmental Protection Agency

Administered in Minnesota by

MN Pollution Control Agency (MPCA)

Minnesota Pollution Control Agency

National Pollutant Discharge Elimination System (NPDES)

-- includes various permit types.

-- those that affect Minneapolis are the following:

Municipal Separate Stormwater Sewer System Permit (MS4)

Construction Stormwater Permits

Stormwater Permits for Industrial Activity

Non-Stormwater Industrial Permits

Combined Sewer Overflow Permit

Context: Protecting Our Water Resources

Minneapolis Stormwater Management Program

MINNEAPOLIS, MINNESOTA

Municipal Separate Storm Sewer System (MS4) Phase I Permit

NPDES / SDS Permit No. MN0061018

Stormwater Management Program

HIGHLIGHTS INCLUDE:

- ❑ **Detecting and eliminating illicit discharges**
- ❑ **Requirements for development projects**
- ❑ **Controlling pollutants at construction sites**
- ❑ **Controlling pollutants at municipal operations**
- ❑ **Constructing and maintaining practices that remove pollutants**
- ❑ **Public education and outreach on stormwater impacts**

- Detecting and eliminating illicit discharges

Detecting and eliminating illicit discharges

Chemical waste products outside and exposed to rain

Uncontrolled snow storage

Illicit Discharges and Improper Disposal to Storm Sewer System

Detecting and eliminating illicit discharges to receiving water bodies

- Requirements for development projects

Bioswales --

U of M Stadium Parking Lots

Requirements for development projects

Rain Garden --

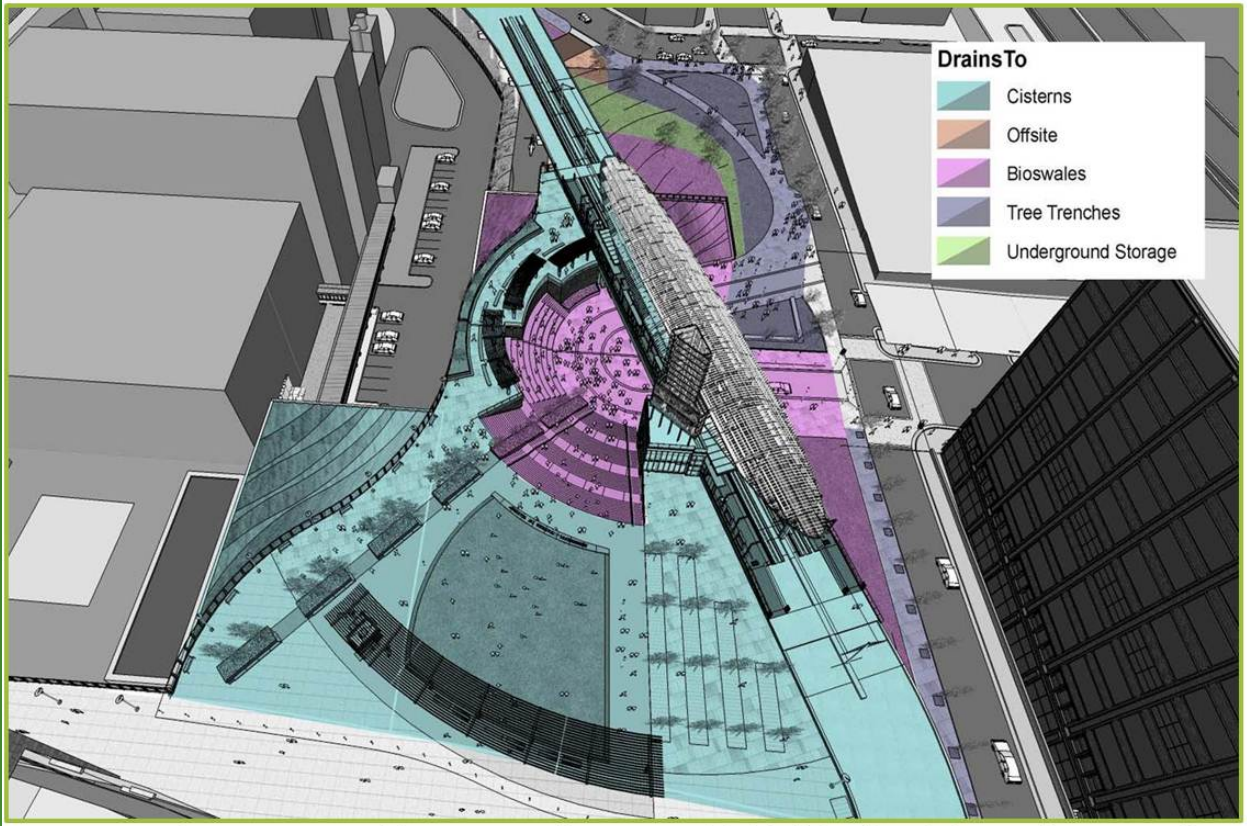
Minneapolis Community and Technical College

Pervious Pavement --

New French Bakery

Requirements for development projects

Example Redevelopment Project: HENNEPIN COUNTY INTERCHANGE



In 2013, Hennepin County constructed the 13-acre Interchange – a transit hub for light rail transit, buses and commuter rail. Nearly all the stormwater is treated on site. The photos below show the rain cisterns and one of the bioswales.

- Controlling pollutants at construction sites

Controlling pollutants at construction sites

Storm drain inlet

Controlling pollutants at construction sites

- Controlling pollutants at municipal operations

BEFORE

AFTER

Hazardous waste material storage area

Uncovered scrap metal waste container

Cover when not in use. Use containers that won't leak.

Storm drain inlet

Municipal operations

- Constructing and maintaining practices that remove pollutants

37th and Columbus Pond

Constructed by City in 2003

Hiawatha Rain Garden

S 43rd St S and 20th Av S

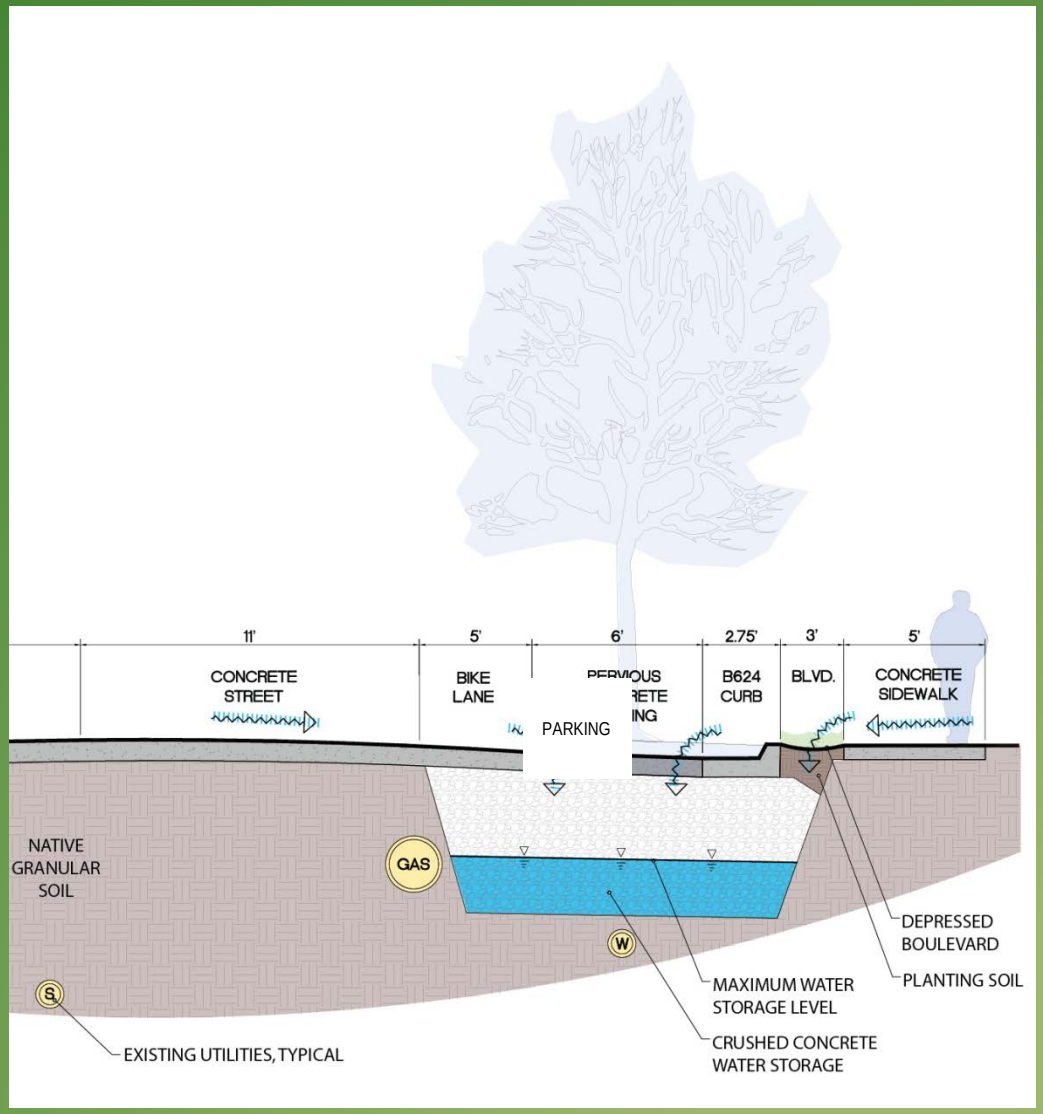
Constructed by City in 2013

Constructing and maintaining practices that remove pollutants

Swirl Separator Type of Grit Chamber

Vacuuming out a grit chamber – removal of sediment, trash, other solids, grease and oil

Constructing and maintaining practices that remove pollutants



Constructing and maintaining practices that remove pollutants

16th Avenue S (near Cedar Riverside LRT Station) was recently converted FROM a street --

To a Walkway, with Fire Truck Access – and --

16th Avenue S (near Cedar Riverside LRT Station)

Constructing and maintaining practices that remove pollutants

Underground stormwater storage and treatment

16th Avenue S (near Cedar Riverside LRT Station)

- Public outreach and education

Public outreach and education

Public outreach and education

Context:
Protecting Our Resources

The Stormwater Management Program can be found on the City's web site at the following link:

http://www.ci.minneapolis.mn.us/www/groups/public/documents/webcontent/wcms1p-142215.pdf

Comments can also be made in writing, as follows. They must be received by Noon on Friday, July 17.

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