

# OAK GROVE PRESBYTERIAN CHURCH

# RAINGARDEN

## WHAT IS A RAINGARDEN?

Raingardens are shallow basins designed to catch and soak in stormwater as it runs off the land.

## Why was this raingarden installed?

When stormwater travels over surfaces, like streets and parking lots, it picks up pollution. The polluted runoff travels down stormdrains and directly into nearby waterbodies.

This raingarden soaks in runoff water before it reaches the stormdrain. By soaking in stormwater, the raingarden helps reduce downstream flooding and prevents erosion. The garden also captures and removes phosphorous, a nutrient that fuels algae growth, and removes sediment that is harmful to fish and other aquatic life.

## Every year this raingarden helps keep Nine Mile Creek clean by capturing:

1 pound of phosphorous ...

Preventing 500 pounds of algae!

380,000 gallons of water ...

Enough to fill 9,000 bathtubs!

175 pounds of sediment ...

Equivalent of 3.5 five-gallon buckets!



## How does a raingarden work?

This raingarden captures runoff water. Pollutants are filtered out as the collected water slowly drains through the mulch and soil of the garden. The raingarden plants have deep roots that help the water soak into the ground. The plants are also designed to support pollinators, like bees and butterflies.

YOU CAN HELP!

You can help protect Nine Mile Creek

Interested in putting in a raingarden or other clean water project of your own?

Grant funding is available from the Nine Mile Creek Watershed District.

Learn more at: [ninemilecreek.org/grants](http://ninemilecreek.org/grants).

This project was done in partnership by the Nine Mile Creek Watershed District and Oak Grove Presbyterian Church with funding provided by:



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## Every year this raingarden helps keep Nine Mile Creek clean by capturing:

0.6 pounds of phosphorous ...

Preventing 300 pounds of algae!

220,000 gallons of water ...

Enough to fill 5,250 bathtubs!

100 pounds of sediment ...

Equivalent of 2 five-gallon buckets!



## How does a raingarden work?

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Learn more about Chapel Hills Church of Christ: [www.chapelhillsucc.org](http://www.chapelhillsucc.org).

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Every year this raingarden helps keep Hawkes Lake & Nine Mile Creek clean by capturing:

1 pound of phosphorous ...

Preventing 500 pounds of algae!

500

390,000 gallons of water ...

Enough to fill 9,250 bathtubs!

X 9250

175 pounds of sediment ...

Equivalent of 3.5 five-gallon buckets!

x3.5



## How does a raingarden work?

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# ST. LUKE'S LUTHERAN CHURCH AND MT. OLIVET ROLLING ACRES

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## Every year this raingarden helps keep Nine Mile Creek clean by capturing:

0.8 pounds of phosphorous ...

Preventing 400 pounds of algae!

400

300,000 gallons of water ...

Enough to fill 7,250 bathtubs!

X 7250

150 pounds of sediment ...

Equivalent of 2.75 five-gallon buckets!

x2.75



## How does a raingarden work?

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This project was done in partnership by the Nine Mile Creek Watershed District, St. Luke's Lutheran Church, & Mt. Olivet Rolling Acres with funding from:



# THE CHURCH OF ST. EDWARD

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Every year this raingarden helps keep St. Edward Pond & Nine Mile Creek clean by capturing:

0.4 pounds of phosphorous ...

Preventing 200 pounds of algae!

200

160,000 gallons of water ...

Enough to fill 3,750 bathtubs!

X 3750

75 pounds of sediment ...

Equivalent of 1.5 five-gallon buckets!

x1.5



## How does a raingarden work?

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# NORMANDALE HILLS ELEMENTARY SCHOOL

# RAIN GARDEN

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## Every year this raingarden helps keep Nine Mile Creek clean by capturing:

### PHOSPHOROUS

Preventing  
algae growth

### WATER

Reducing  
flooding

### SEDIMENT

Keeping the  
creek clean



## How does a raingarden work?

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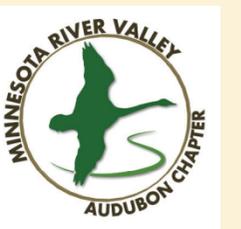
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This project was done in partnership by the Nine Mile Creek Watershed District and Normandale Hills, with a grant from the MN River Valley Audubon Chapter (MRVAC).

Learn more about MRVAC: [mrvac.org](http://mrvac.org)



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## Every year this raingarden helps keep Nine Mile Creek clean by capturing:

0.3 pounds of phosphorous ...

Preventing 150 pounds of algae!



170,000 gallons of water ...

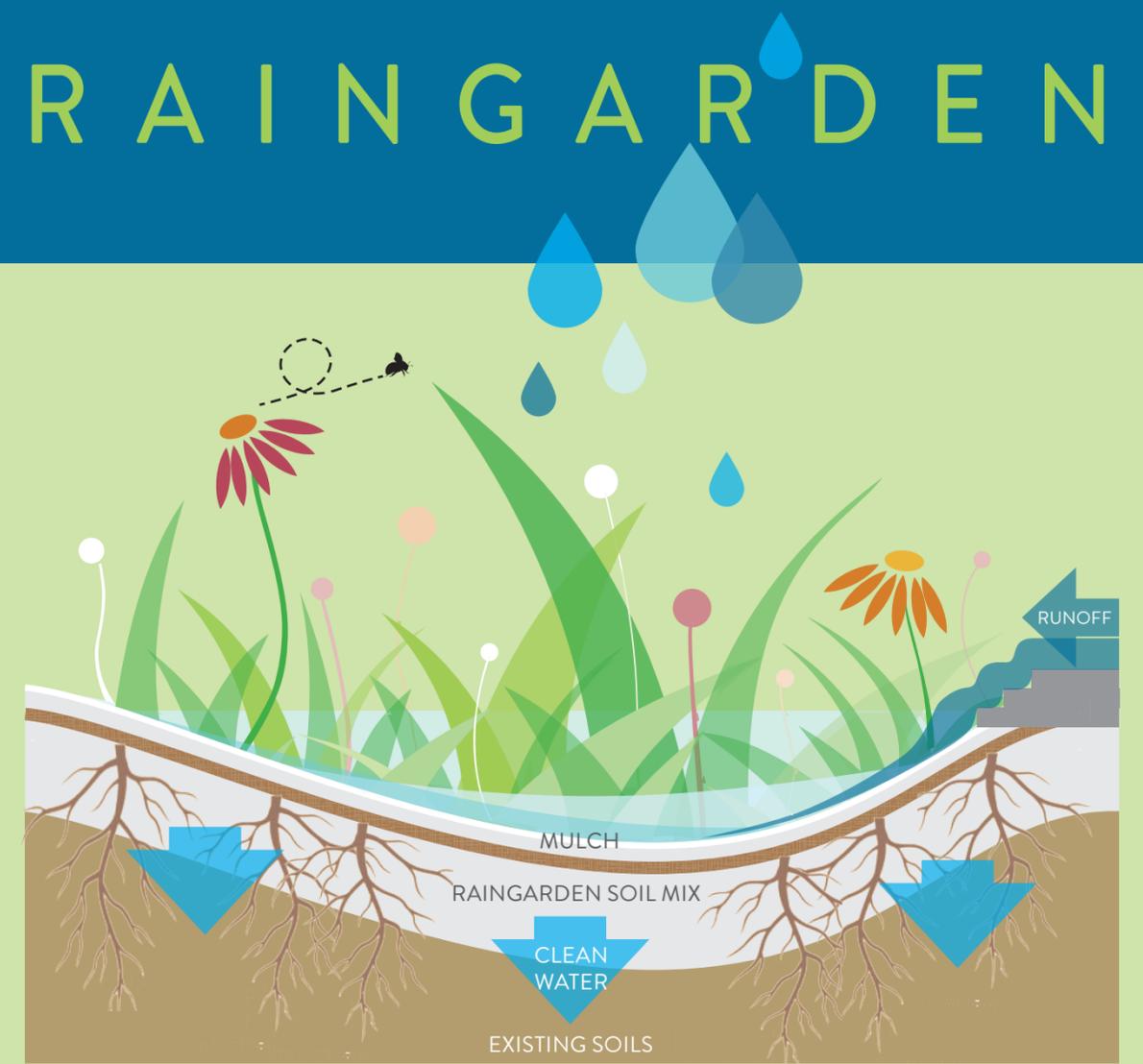
Enough to fill 4,050 bathtubs!

X 4050



125 pounds of sediment ...

Equivalent of 2 five-gallon buckets!



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This project was done by Oak Grove Presbyterian Church and was funded, in part, by a cost share grant from the Nine Mile Creek Watershed District.

