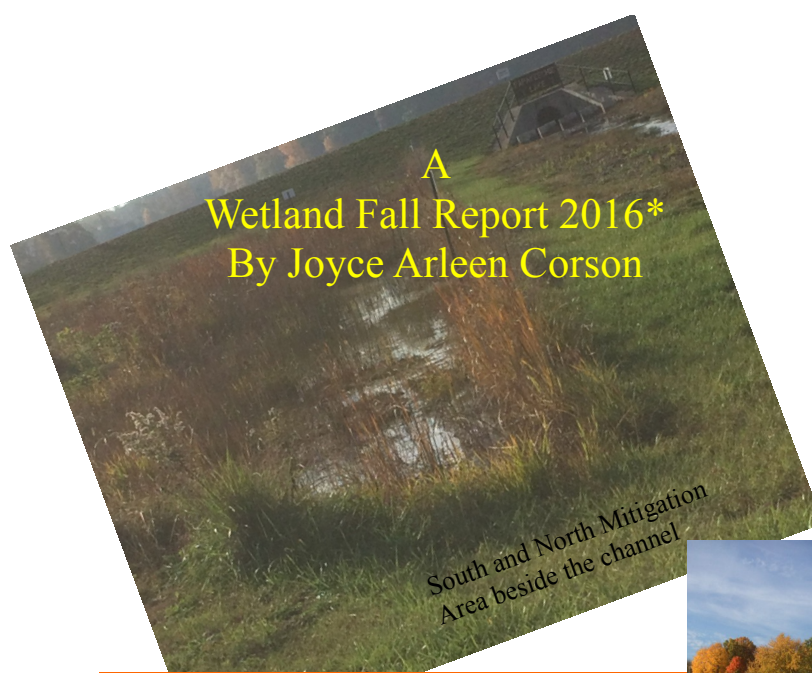




South Mitigation Area



North Mitigation Area



Several work days were held since the Annual Meeting. Fall Volunteers giving time were as follows:

Steve and Patty Schwartz

Paul and Nancy Garl

The Wawasee Middle school staff

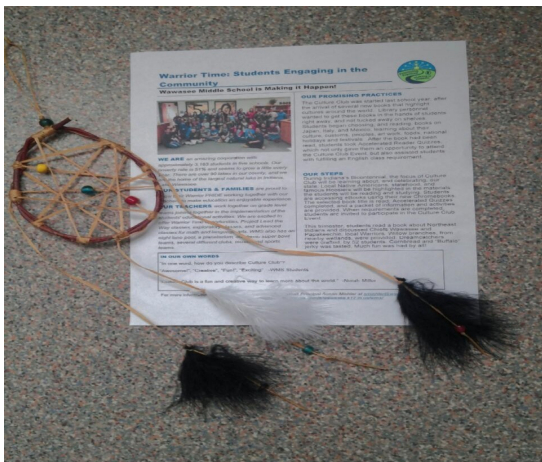
Deb and Mike Connett, Denise Rhodes

Kathryn Kratzer and Greg Owen

John Hart

If I have missed anyone, it is unintentional. Several new faces have indicated to help next spring.

Brown stalks in the mitigation area are scheduled to be burned after we have a hard freeze.



Dream Catcher project was helpful in cutting the many willow sprouts that were growing in the mitigation area.

As long as there were green growing leaves on the invasive plants during this pleasant fall weather, the mitigation areas were treated as much as possible.

* Proactive projects will enable me, with these “scratch” maps and help of William Holder, GIS, and Katherine Kratzer, graphic artist, to create permanent documents. Please use this guide to include any information I may have missed. Your input is welcomed.
Arleen

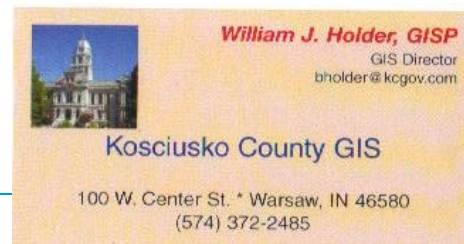
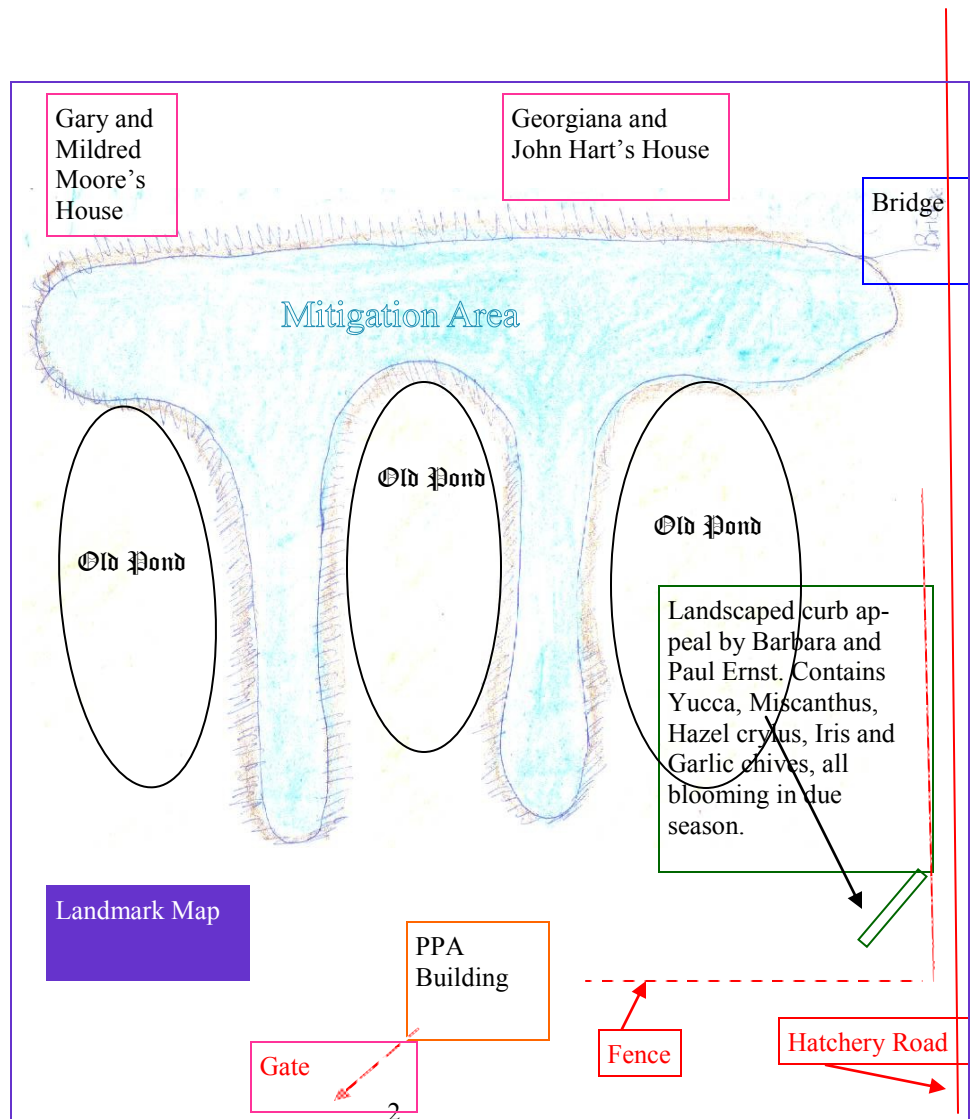


Table of Contents

2. Map with landmarks
3. Map number one sedges
- 3 Map number two forbs and grasses
4. Map number three perennial plants
4. Map number four perennial and annual invasive plants
- 5 Help from Bente volunteers about water quality

Common Map with Land Marks at the Mitigation Area.



1

Wetland Map

Sedges and many other shoreline water plants. The gray shading around the mitigation area is know as the berm.

1. Rice Grass
2. Sedges
3. Iris

Edges of mitigation area

SEDGES

May be perennial or annual. They have actually surrounded the entire mitigation area

All sedges, grasses and forbs are GOOD, They are listed on the preservation document given at the annual meeting.

One new sedge nut sedge 4 is noted.

Also found ground nut, with pea like vine and rose color flower is also noted. Sedges

2

Tree Sprouts ★
Willow
Cottonwood
Maple
Hackberry
mulberry

FORBS AND GRASSES

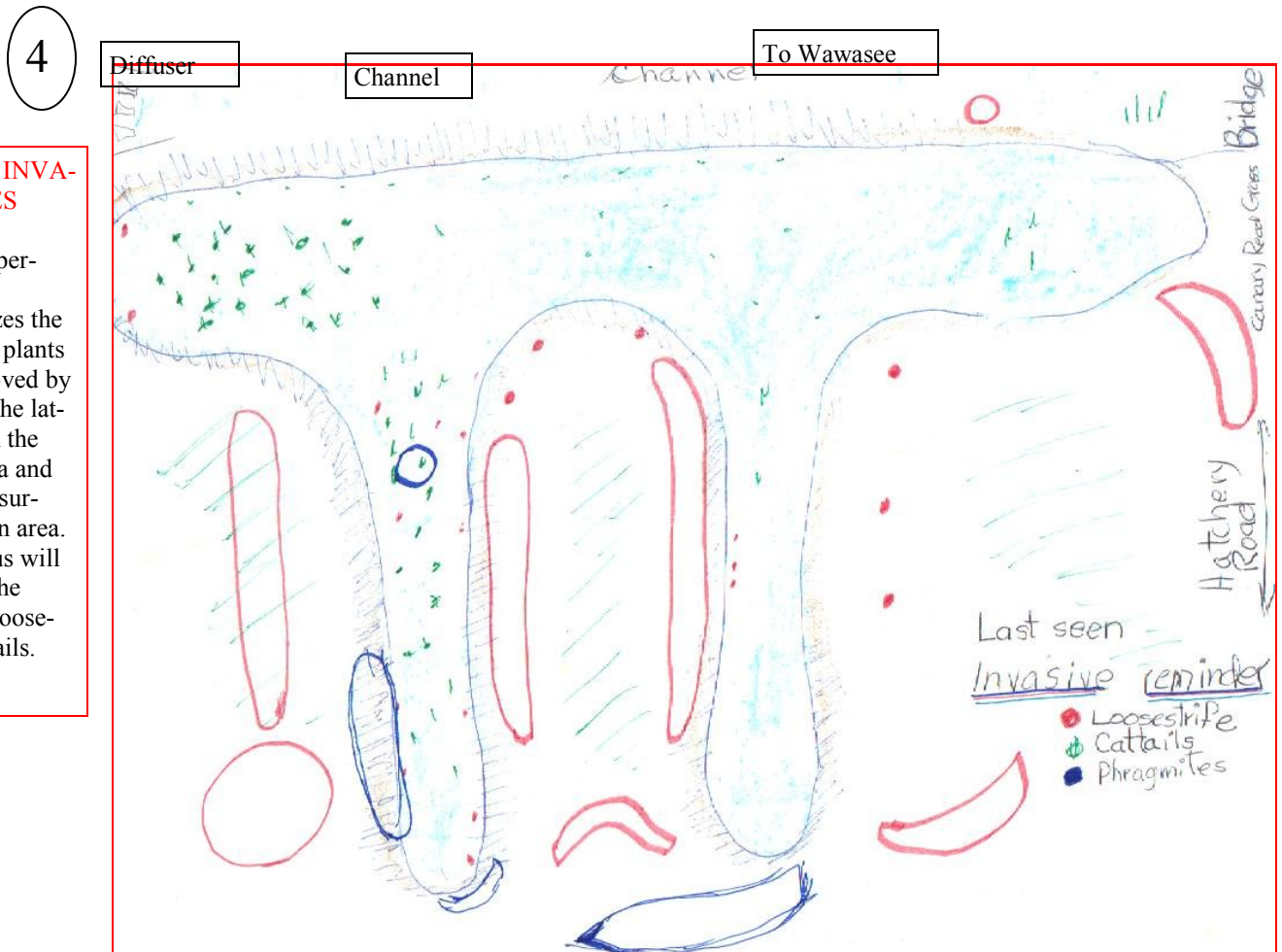
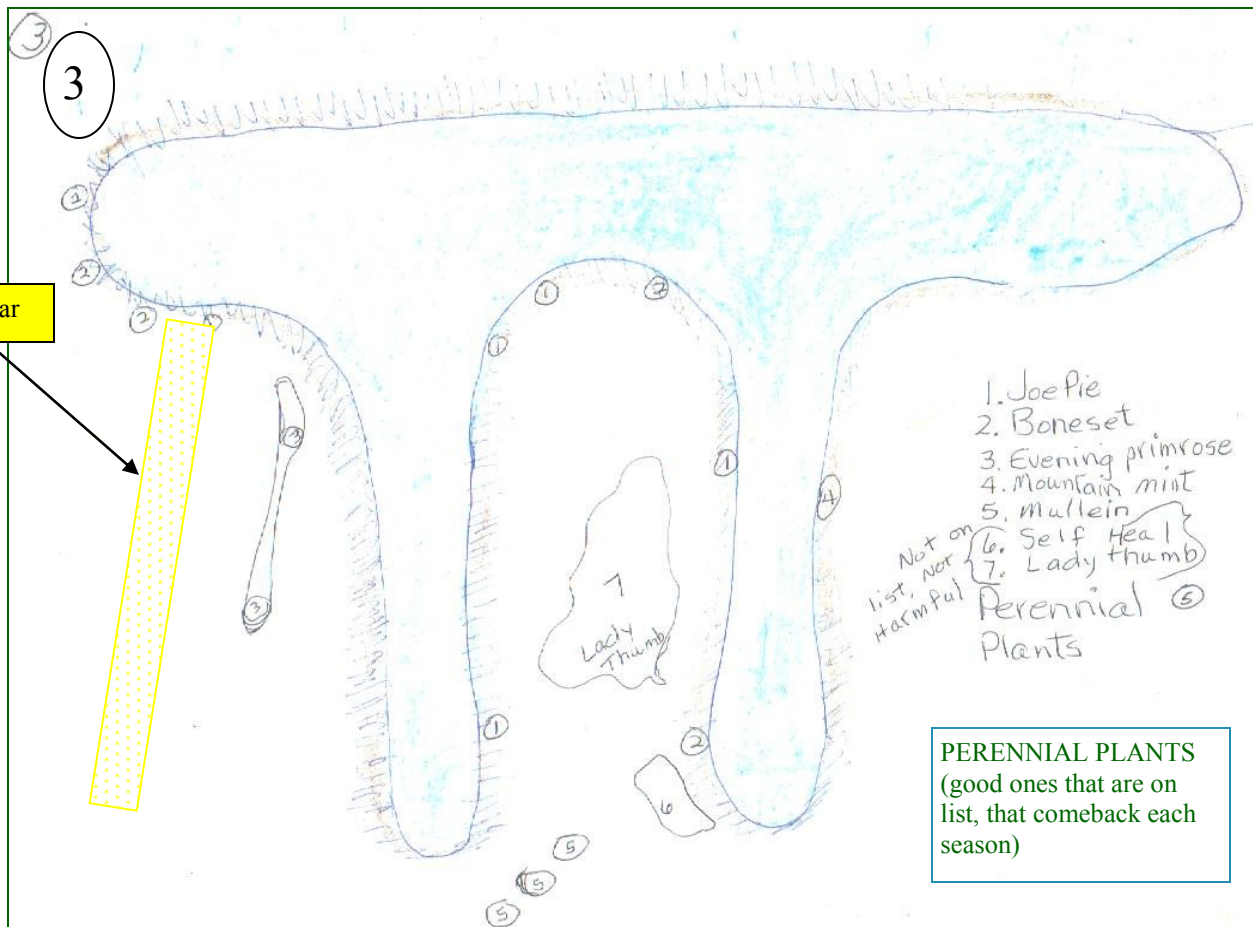
May be perennial or annual.

Not on list not harmful

1. Prairie Cord
2. Arrow head
3. Cress
4. Virginia Rye
5. Hibiscus
6. Lobelia
7. Cardinal
8. Switch Grass
9. Monkey Face
10. Pondweed
11. coon tail
12. Duck weed

Good for surface cover- not harmful

Forbs and Grasses



Here are transcripts and a paper trail from Peter.

The Bentes , 9340 W. Promontory Point Drive, established here in 1924 by Dr. Paul Fredrick Bente, Senior. Edna and Dr. Paul Fredrick Bente, Junior upon their retirement in 1980, became our close friends. Paul and Edna were instrumental in getting the Harvester. They were always very supportive of legal confrontations about the lake. Their son Dr. “Tom” Paul Fredrick Bente, III has a Company Merlin that manufactures O rings. A scientist living in Landenberg ,Pennsylvania. (Tom and Bryan’s son “Ricky” Paul Fredrick Bente IV and Alex in Pennsylvania have a son William!

John Bente, retired from Florida FDEM, now has job with Department of Native Habit. He was here this summer with lots of contributing advice for our wetland.

And now comes 3rd son, Peter Bente, who worked for some time in Alaska with ADEM counting caribou and bald eagles with many other assorted projects. He is now living in Arizona .

Tom, who I contacted first, referred me to the geologist who has recently been helping me with identification of the contents of the flowing artesian wells in the wetland.

It is the floaties on the water from the artesian wells. The sky has a lot to do with the color of the glittering stream that seems to float to the top.

John didn’t make a lot of mention about it this summer. He knew it wasn’t oil from road run-off.

So that is all I know about the streams of current that carry the minerals, including iron, around the wetland.

Pkg

Inbox

Joyce Corson

Oct 27

☆

Sending your sample of wetland grit today! Arleen Sent from my iPhone

pjbente

Oct 27

☆

to me

OK, checkout gypsum, offer soluble in glacial outwash habitat waters, magnesium sulfate mineralization in sedimentary landscapes.
-peter

Sent from my Verizon, Samsung Galaxy smartphone

Joyce Corson

Oct 27

☆

Thank you so much. Did you ever get the video?

pjbente

Oct 27

☆

No video rec'd by email. Please try again.

Joyce Corson

Oct 27

☆

Video is artisan well inlet that was redirected to the wetland. It was discov...

Peter Bente

Oct 28

☆

Arleen – I only rec'd the email message text below, no other emails and no at...

Joyce Corson

Oct 28

☆

<jacorson39@gmail.com>

to Peter

I'll try sending picture and video again.

Thanks for tip.

Arleen

pjbente

Oct 31

☆

Arleen, rec'd the sample by mail, busy today with Trick-or-Treat so will look...

Joyce Corson

Nov 1

☆

<jacorson39@gmail.com>

to jacorson, pjbente

Hi Peter
Glad you got the pkg, took more samples on still water. Less mud! Which I'll send. Not sure why I can't send video. Attached here new one from last weekend.

Sent from my iPhone

On Oct 31, 2016, at 6:34 PM, pjbente <pjbente@cox.net> wrote:

Arleen, rec'd the sample by mail, busy today with Trick-or-Treat so will look tomorrow. I can't make a conclusion from the pics you sent by email. The sample feels gritty through the folded paper, so there might be crystals to look at.

Did not get a message with video.

-peter

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----
From: Joyce Corson <jacorson39@gmail.com>
Date: 10/29/16 11:00 AM (GMT-07:00)
To: Peter Bente <pjbente@cox.net>
Subject: Wetland this morning. Loved it!

In the sieve, drying out!

Video.MOV



WETLAND
PRESERVATION
AREA OF
PAPAKEECHIE
LAKE

Aerial photo, April ,
2016 provided by
William Holder,
Kosciusko
County Court House

Dark black spots are
Burned cattails..

A repeat picture will
be done in April,
2017

Photos are available
directionally: N S E
or W Also with
other features such as
lot lines and numbers.

