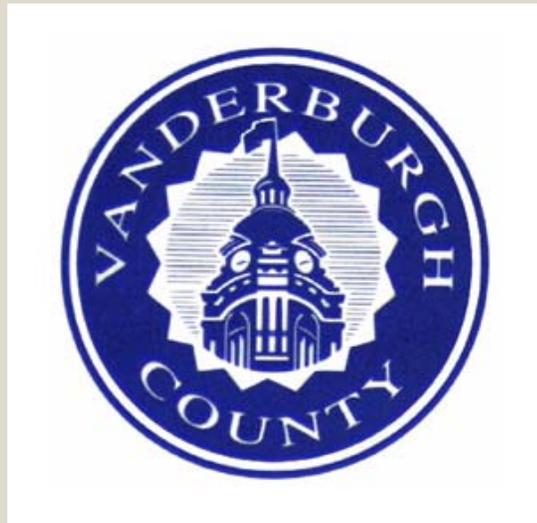


**MS4 Permit Audit**  
**Vanderburgh County**



March 24, 2010  
Permit #INR040030

# *Program Management*

- Initial NOI submitted November 2003
- Notice of Sufficiency received November 2003
  
- Renewal NOI submitted September 2008
- Notice of Sufficiency received October 2008
  
- Part B – Became effective after 90 days without response from IDEM; NOD received on 8/1/04; response to NOD submitted to IDEM on 8/23/04

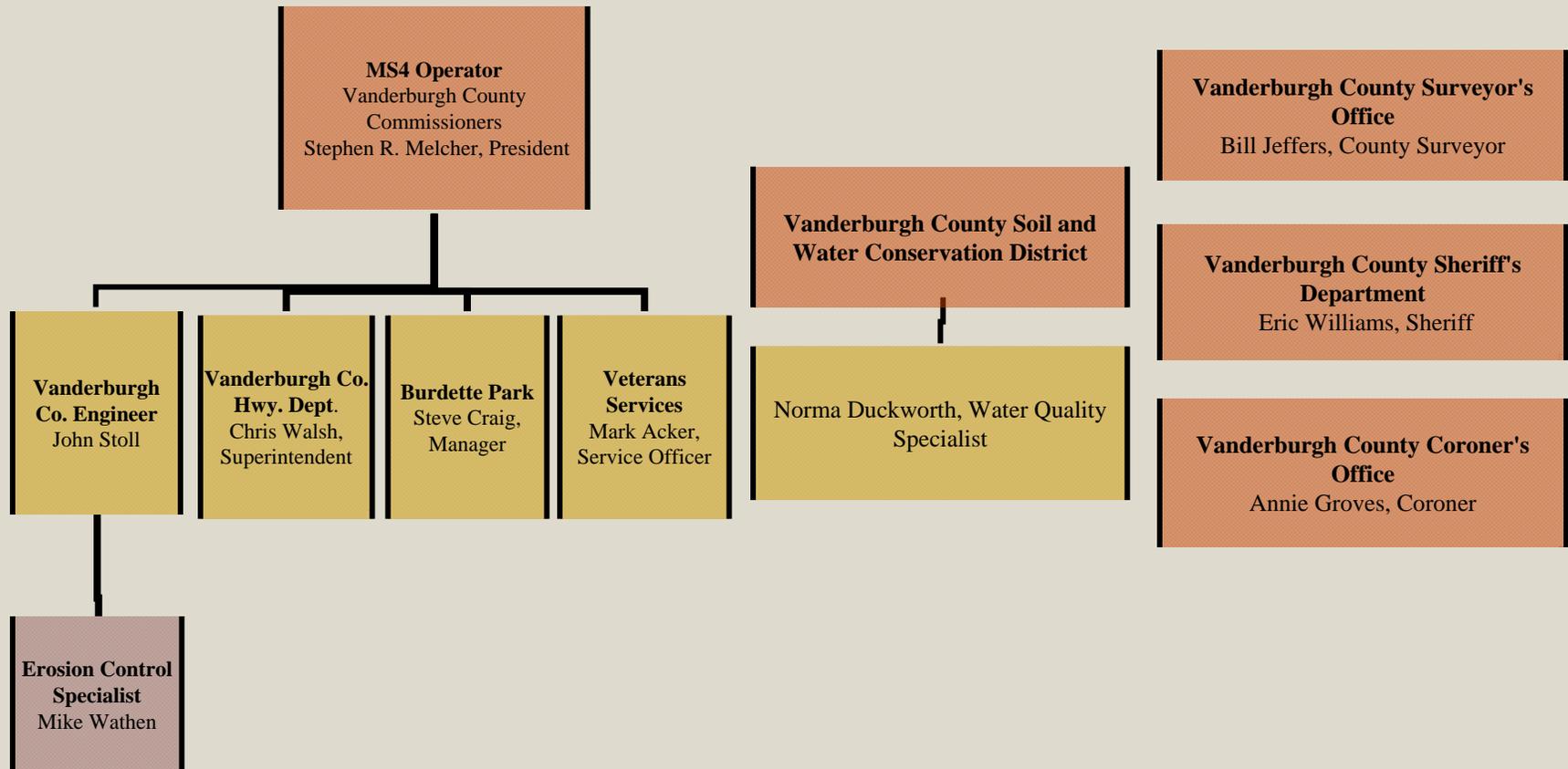
# *Program Management*

- Part C submitted on April 1, 2005
- Notice of Sufficiency received June 2005
- Certifications for Public Education and Outreach, Public Participation and Involvement, Illicit Discharge Detection and Elimination, and Good Housekeeping MCMs submitted with Part C on April 1, 2005
- Certification for Construction MCM was submitted on March 7, 2006
- A second Illicit Discharge certification was submitted on February 22, 2008 (after adoption of ordinance)
- Certification for Post Construction MCM was submitted on June 20, 2008

# *Annual Reports*

- 2005 Annual Report submitted July 17, 2006
- 2006 Annual Report submitted April 20, 2007
- 2007 Annual Report submitted March 31, 2008

# *Vanderburgh County MS4 Organizational Chart*



# *Program Management*

## Successes

- Adoption of construction, post construction, and illicit discharge ordinances
- Completion of MS4 mapping
- Construction program
- Contributions to program from numerous offices

## Challenges

- Funding and staffing
- Coordination of all of the various departments that provide assistance with the program
- Obtaining proper documentation of various seminars, workshops, and presentations done by other departments
- Implementation of appropriate BMPs at county facilities
- Training

## *Program Management for the Second Permit Term*

- Progress has been made in getting acceptance of storm water programs
- Cooperation among various county departments has been improving; this has helped in working towards compliance
- Completion of the audit has helped to identify program deficiencies

**Public Education**  
**and Outreach**

***Departments Involved in Public Education  
and Outreach***

- City of Evansville MS4 - City Engineer's Office
- Soil and Water Conservation District
- Vanderburgh County Solid Waste District
- Vanderburgh County Surveyor's Office
- Vanderburgh County Engineering Dept.

# City of Evansville MS4

- The City of Evansville and Vanderburgh County have jointly sponsored workshops for contractors

**BMPs – The Five Star Plan**

- BMPs = Best Management Practices.
- Explanation of Rule #5.
- Discussion of where the responsibility lies.
- FIVE ways to make BMPs easy.



**EROSION CONTROL 101**

THE EVANSVILLE CITY ENGINEER'S OFFICE AND THE VANDERBURGH COUNTY ENGINEER'S OFFICE IS HOLDING AN INFORMATIONAL WORKSHOP ON EROSION CONTROL FOR CONTRACTORS.

**WHERE: Room 307 Civic Center Complex**

**1 NW Martin Luther King Jr. Blvd.**

**WHEN: February 19, 2010**

**TIME: 9:45 AM – 11:00 AM**

WORKSHOP OVERVIEW:

- EXPLANATION OF EROSION CONTROL REQUIREMENTS FOR THE CITY OF EVANSVILLE AND VANDERBURGH COUNTY.
- WHAT SITES REQUIRE EROSION CONTROL?
- WHEN SHOULD EROSION CONTROL BEST MANAGEMENT PRACTICES (BMP'S) BE INSTALLED.
- WHAT IS EXPECTED OF CONTRACTORS AND OWNERS?
- WHO IS RESPONSIBLE FOR INSTALLATION OF BMP'S?
- WHAT WILL HAPPEN IF REQUIREMENTS ARE NOT MET?
- QUESTIONS AND ANSWERS....

**PLEASE MAKE RESERVATIONS IMMEDIATELY.**

- At least one workshop has been held annually for the last four years

# City of Evansville MS4

- Notification of workshop dates provided through flyers posted at the Area Plan Commission and Building Commission
- Notification also provided in the Southern Indiana Builders Association monthly newsletter

ACTION NEWS MAY, 2008 Page 25



## EROSION CONTROL

### BMP'S - The Five Star Plan

*Come and Learn the five ways to make BMP's Easy.*

When: May 14, 2008

Time: 9:00 am – 1:00 pm

Where: Vanderburgh County 4-H Center

**We can all be winners:**

- EARN THREE CONTINUING EDUCATION UNITS BY ATTENDING. (Registrations Due by April 28<sup>th</sup>, 2008)
- Get Advice on how to cost effectively meet the requirements.
- Learn Proper Installation Methods in a Field Environment.
- Maintenance of your BMP's is the key.
- Who is responsible for individual lots within a Development?

Hosted by: Evansville City Engineer's Office  
Vanderburgh County Engineer's Office  
Vanderburgh County Purdue Extension Service

---

**YES!** I WILL ATTEND.  
 No, not right now, but keep me in mind for future workshops

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

City of Evansville Engineer  
1 NW Martin Luther King Jr. Blvd. Suite 321  
Evansville, IN 47708  
Phone 812.436.4976 FAX 812.436.4976  
E-mail: kbarnhill@evansvillelegis.com  
Hours: 8 AM to 5 PM

# *City of Evansville MS4*

*The City of Evansville has given presentations to neighborhood groups whose boundaries extend outside the city limits into the Vanderburgh County MS4 area.*

## Evansville City Engineer's Office

Karan Barnhill  
Storm Water Coordinator  
812-436-4977

## What Is Rule 13?

- ◆ EPA's clean water act mandated entities with a population of 10,000 within 1 square mile of area to meet certain standards to monitor construction site run-off and discharges into our streams and rivers.
- ◆ Rule 13 establishes requirements for storm water discharges from municipal separate storm sewer systems (MS4) conveyances so that public health, existing water uses and aquatic life are protected.

# Vanderburgh County Soil and Water Conservation District



VANDERBURGH COUNTY, INDIANA



>> GO TO THE EVANSVILLE  
HOMEPAGE

WELCOME | GOVERNMENT | RESIDENTS | BUSINESS | VISITORS | SERVICES



**FIRST SWCD IN INDIANA**  
The first Soil and Water Conservation District in Indiana was organized here in 1940 -- the last in Tipton County in 1974. The contribution of these districts to the conservation and wise use of soil and water resources has been of great social, economic, and environmental benefit to Indiana. The citizens of Vanderburgh County are recognized for their pioneering leadership.



**VANDERBURGH COUNTY SWCD**  
(SOIL AND WATER CONSERVATION DISTRICT)  
12445 Highway 41 North  
Evansville, IN 47725  
PHONE: (812) 867-0729  
FAX: (812) 867-0622  
Office Hours are 7:30 a.m. to 4:30 p.m.  
Monday thru Friday

Vanderburgh Co. SWCD Board Meeting will be Tuesday, March 23, 2010, 7:00 p.m.

Backyard Conservation Program

- [Pond Pro Workshop](#)
- [Poster Contest](#)
- [Envirothon 2010](#)
- [Eagle Slough](#)
- [Vanderburgh County Site](#)
- [Sustainable Evansville](#)
- [Smart Growth Meeting](#)
- [Rain Garden Display](#)
- [Rain Barrel Links](#)
- [Sign Up For CREP](#)
- [Contractor List](#)
- [Soils Datamart](#)
- [SWCD Business Plan](#)
- [Awards](#)
- [Projects](#)

District Purpose

Erosion Control

Water Quality

Education

- [NRCS](#)
- [ISDA](#)

Newsletter

Minutes

Useful Links

Frequent Questions

Updated: 3-3-2010

SUPERVISORS   STAFF



webmaster  
Bonnie Bittner (812) 867-0729

© Copyright 2003 [www.vandswcd.org](http://www.vandswcd.org)

# *Vanderburgh County SWCD Programs*

The SWCD annually makes numerous presentations to schools and civic groups. The presentations address water quality with some focus on storm water. Topics included rain barrels, rain gardens, and other BMPs.

## **Vanderburgh County SWCD 2009 Programs**

<b>PROGRAM</b>	<b>DATE</b>	<b># REACHED</b>
Riverwatch	1/8/2009	1
ORSANCO	1/13/2009	40
Rain Garden	1/17/2009	130
Rain Garden	1/23/2009	5
Education Zoo	2/4/2009	1
River Watch	2/5/2009	1
Holy Redeemer	2/11/2009	45
SWCD Tri Co	2/17/2009	4
Central HS	2/24/2009	90
Central HS	2/25/2009	60
Annual Meeting	2/24/2009	160
Erosion Control	3/4/2009	120
GSA	3/11/2009	6
FFA	3/11/2209	13
Envirothon	3/17/2009	82
City Engineer	3/17/2009	20
Zoo Rain Garden	3/19/2009	5
Riverwatch	3/19/2009	3
Cynthia Heights	3/20/2009	42
World Water Day	3/22/2009	6
Riverwatch	3/27/2009	3
St Wendell	4/1/2009	17
Rain Garden	4/2/2009	2
GSA	4/9/2009	5
Riverwatch	4/10/2009	2
Riverwatch	4/13/2009	2
Zoo	4/16/2009	4
Trails	4/16/2009	26
Riverwatch	4/16/2009	3
Zoo Booth	4/16/09, 4/17/09, 4/18/09	50
Earth Day Evans	4/17/2009	140
EXPO 4-H	4/17/2009	500
Earth Day Howell	4/18/2009	1400
Riverwatch	4/21/09, 4/22/09	6



VANDERBURGH  
COUNTY, INDIANA



OFFICIALS' CORNER | MEETINGS AND AGENDAS

GO TO THE EVANSVILLE  
HOMEPAGE

Search... SEARCH

WELCOME | GOVERNMENT | RESIDENTS | BUSINESS | VISITORS | SERVICES

Solid Waste

- Curbside Recycling Program
- What/Where to Recycle
- Heavy Trash Collection
- Board Members, District Staff, CAC
- District Profile
- Just for Kids
- Links
- Electronics Recycling
- Household Hazardous Waste Program
- Drop-Off Recycle Days
- 2010 Programs & Meetings
- Board Meeting Minutes
- ANNUAL REPORT
- Streaming Media Services
- Tire Recycling Program

Government » City Offices & Departments » Solid Waste

Department of Solid Waste Management

Printer Friendly



Solid Waste District 327 Civic Center Complex 1 N.W. Martin Luther King, Jr. Boulevard Evansville, Indiana 47708  
Phone: (812) 436-7800  
TDD-Hearing Impaired: (812) 436-4925  
[recycle@vanderburghgov.org](mailto:recycle@vanderburghgov.org)

Welcome to the Vanderburgh County Indiana  
Solid Waste District

The mission of the Vanderburgh County Solid Waste District is to inform and educate the citizens of Vanderburgh County about proper waste disposal, waste reduction, reuse, recycling and household hazardous waste and, in conjunction with the private sector, provide quality programs and services in these areas.

**Check out our new Kids Section!**  
Hey kids you can make a difference!  
Reduce, Reuse, Recycle!

What sort of world do you want to grow up in? Do you want it to be one that has clean water to drink, safe air to breathe and a healthy environment with beautiful trees and thriving wildlife? If so, you CAN make a difference and help save the Earth!

REDUCE REUSE RECYCLE

**Rethink!**

Vanderburgh County  
Solid Waste District

[One Man's Trash](#) - Your guide to reducing, reusing and recycling.

# Vanderburgh County Solid Waste District

## *Solid Waste District Recycling*

- Recycling programs coordinated through the Vanderburgh County Solid Waste District
- Programs cover the recycling of aluminum cans, metal food cans, glass containers, cardboard, catalogs and magazines, newspaper, mixed paper, #1 & #2 plastic bottles, household hazardous waste, electronics, and tires

# *Solid Waste District Recycling*

- Vanderburgh County Solid Waste District provides notification of recycling opportunities through newspaper, television, and radio advertisements, as well as their website
- Flyers are also distributed throughout Civic Center offices to notify employees of recycling opportunities

## **2010 RECYCLE DAYS**

8:00 am – 12:00 noon

January 9 - Civic Center  
February 6 - old Wal-Mart west  
February 20 - 4-H Center Fairgrounds  
March 6 - old Wal-Mart west  
March 13 - Evansville Day School  
April 10 - 4-H Center Fairgrounds  
April 17 - old Wal-Mart west  
May 1 - old Wal-Mart west  
May 15 - Evansville Day School  
June 5 - old Wal-Mart west  
June 19 - 4-H Center Fairgrounds  
July 17 - old Wal-Mart west  
August 7 - old Wal-Mart west  
August 21 - 4-H Center Fairgrounds  
September 11 - old Wal-Mart west  
September 25 - Evansville Day School  
October 2 - old Wal-Mart west  
October 16 - 4-H Center Fairgrounds  
November 6 - old Wal-Mart west  
November 20 - Evansville Day School  
December 4 - old Wal-Mart west

### ITEMS TO BRING:

(Please be sure items are clean and sorted.)

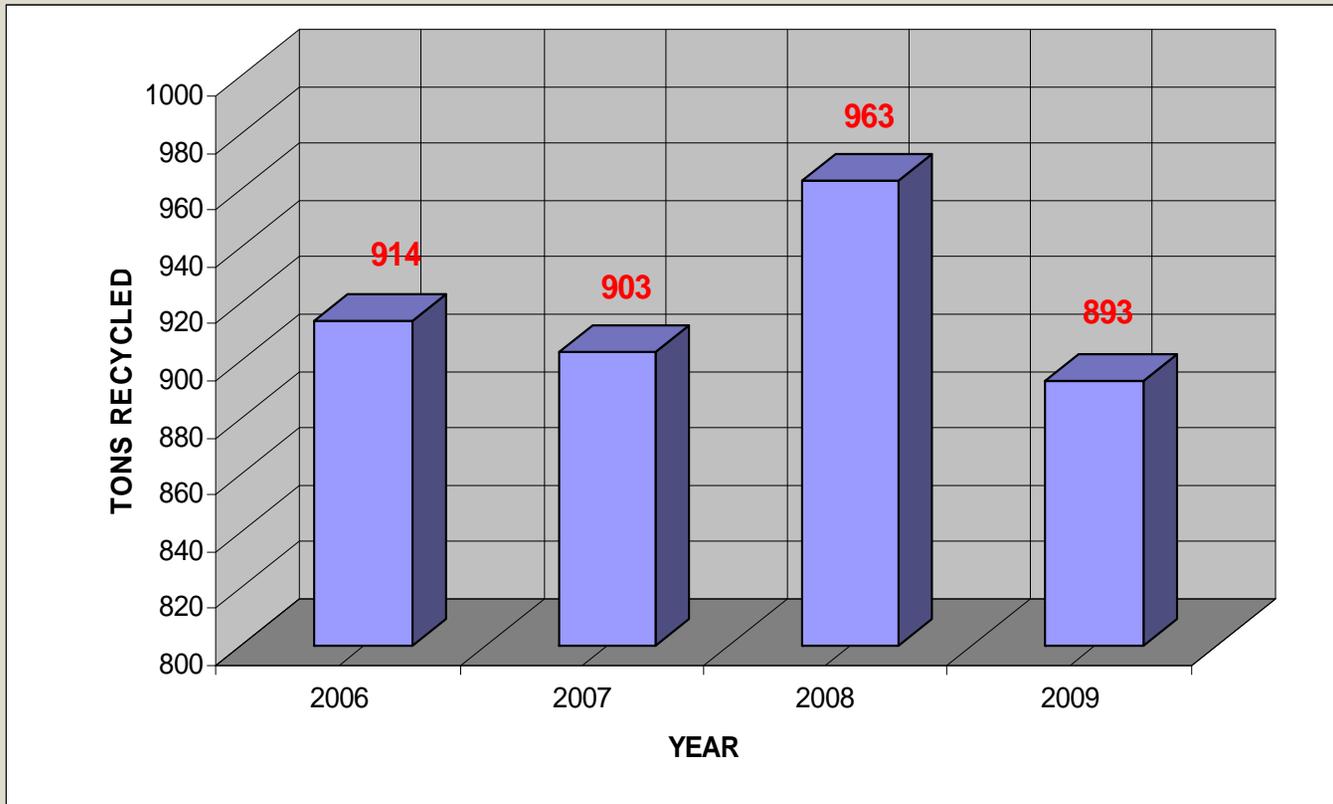
Aluminum cans	Metal food cans	Glass containers
Cardboard	Catalogs/magazines	Newspaper
Mixed paper	#1 & #2 plastic bottles	

Vanderburgh County Residents Only

FOR INFORMATION CALL THE SOLID WASTE DISTRICT @ 436-7800

[www.vanderburghgov.org](http://www.vanderburghgov.org)

# *Solid Waste District Recycling*



Note: data is for drop-off recycling by both City of Evansville and Vanderburgh County residents

# Vanderburgh County Surveyor's Office

## Bill Jeffers – County Surveyor

- Assists in addressing citizens' complaints
- Assists in public education and outreach through presentations to contractors and citizen groups
- Prepared Vanderburgh County's construction site runoff control ordinance
- Developed website – riverfriendly.com – to provide information regarding storm water quality

<p><b>SURVEYOR'S OFFICE VANDERBURGH COUNTY</b> Civic Center Complex Room 325 1 NW Martin Luther King Jr. Blvd. Evansville, IN 47708</p> <p>Phone: 812-435-5210 Fax: 812-435-5023 www.VanderburghSurveyor.com</p>	<p style="text-align: right;">Filing Code <span style="float: left;">VB</span> Street Name: <u>Boardwalk Drive</u> Direction: _____ Number: <u>4700</u></p> <p style="text-align: center;"><b>SURVEYOR'S NOTIFICATION &amp; RESPONSE FORM</b> (For citizens' drainage concerns)</p>																					
<p>Date of Notice: <u>2/25/08</u></p>	<p>Description of citizen's concern: <u>Lot 5 owner complains of erosion in open channel at back of lot after neighbor to north removed all mature trees. Ball wonders if tree removal contributes.</u></p> <p style="text-align: right;">Initials <u>bj</u></p>																					
<p>Citizen Name: <u>Manual Ball (Jagoe Homes)</u> Street Address: <u>3624 Wathens Crossing</u> <u>Owensboro, KY</u> Zip: <u>42301</u> Subdivision: <u>Asbury Pointe Section I Lot 5</u></p> <p>Phone(s): <u>270-222-0707</u></p>	<p><b>Check which action was taken and return to office manager to file:</b></p> <table style="width: 100%;"> <tr> <td style="width: 70%;"><input type="checkbox"/> SITE INSPECTION</td> <td style="width: 10%;">Date (m/d/yy)</td> <td style="width: 20%;">Initials</td> </tr> <tr> <td><input type="checkbox"/> WRITTEN REPORT</td> <td>_____</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> CALL BACK</td> <td>_____</td> <td>_____</td> </tr> </table> <p><b>MAILED:</b></p> <table style="width: 100%;"> <tr> <td style="width: 70%;"><input type="checkbox"/> DRAINAGE EASEMENT ENCROACHMENT AGREEMENT PACKET</td> <td>_____</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> PROCEDURES FOR REMOVAL OF OBSTRUCTION IN MUTUAL DRAINS AND NATURAL SURFACE WATERCOURSE PACKET</td> <td>_____</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> OTHER: _____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td><input checked="" type="checkbox"/> REFERRED TO: <u>Mike Wathen, County Engineer - erosion complaint</u></td> <td><u>2/26/08</u></td> <td><u>Bill Jeffers</u></td> </tr> </table>	<input type="checkbox"/> SITE INSPECTION	Date (m/d/yy)	Initials	<input type="checkbox"/> WRITTEN REPORT	_____	_____	<input type="checkbox"/> CALL BACK	_____	_____	<input type="checkbox"/> DRAINAGE EASEMENT ENCROACHMENT AGREEMENT PACKET	_____	_____	<input type="checkbox"/> PROCEDURES FOR REMOVAL OF OBSTRUCTION IN MUTUAL DRAINS AND NATURAL SURFACE WATERCOURSE PACKET	_____	_____	<input type="checkbox"/> OTHER: _____	_____	_____	<input checked="" type="checkbox"/> REFERRED TO: <u>Mike Wathen, County Engineer - erosion complaint</u>	<u>2/26/08</u>	<u>Bill Jeffers</u>
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<input checked="" type="checkbox"/> REFERRED TO: <u>Mike Wathen, County Engineer - erosion complaint</u>	<u>2/26/08</u>	<u>Bill Jeffers</u>																				
<p>Electronic signature of person resolving the issue: <u>Brenda Jeffers</u> Date: <u>2/27/08</u></p>																						



Search...

SEARCH

County Engineer

- ▶ Contract Projects
- ▶ Helpful Links
- ▶ Office Location
- ▶ Permits
- ▶ Personnel
- ▶ Right-of-Way Policy
- ▶ Road & Street Listing
- ▶ Subdivisions
- ▶ Vanderburgh County Storm Water Information
- ▶ F.A.Q.s
- ▶ About the Old Courthouse

Government > County > County Engineer > Vanderburgh County Storm Water Information

Vanderburgh County Storm Water Information



Printer Friendly

About Vanderburgh County's MS4

The United States Environmental Protection Agency developed the National Pollutant Discharge Elimination System (NPDES) program in response to the [1987 Amendments to the Clean Water Act](#) to reduce the amount of pollution in the nation's stormwater runoff and is requiring communities to develop a comprehensive stormwater quality management plan for preventing local waterways from becoming affected by polluted stormwater runoff. [Phase I](#) of the NPDES program was developed in 1990 for medium and large Municipal Separate Storm Sewer Systems (MS4s), industrial activities, and construction activities that disturbed five or more acres of land. All of which were determined to have the greatest potential to negatively impact water quality. Phase II was developed in 1999 and required NPDES permit coverage for discharges from small MS4s and construction activities disturbing between one and five acres of land. Vanderburgh County falls under the requirements of Phase II.

The State of Indiana, through the Department of Environmental Management (IDEM), enacted what is commonly known as [Rule 13](#) (in [327 IAC, Article 15](#)) in 2003 to comply with the NPDES program. This rule is what Municipal Separate Storm Sewer (MS4) [entities in Indiana](#) must adhere to in order to be in compliance.

Below you will find links to items related to Vanderburgh County's efforts to comply with these regulations: from reports to new ordinances and associated plans and policies to public awareness information. We plan to add content useful to designers in the future, so keep checking for updates.

Vanderburgh County Storm Water Links

2007 Rule 13 Annual [Report](#)

Construction Site Stormwater Runoff Control [Ordinance](#) (follow link to Title 13, Chapter 5)

Illicit Discharge into Storm Water Collection System [Ordinance](#) (follow link to Title 13, Chapter 6)

Illicit Discharge Detection and Elimination [Plan](#)

Erosion Control Plan Review [Checklist](#)

Storm Water Quality Plan, Part C - [Vanderburgh County's submittal](#)

*If you have any comments regarding the storm water quality management plan as found in the Part C submittal above, please [let us know](#).*

Storm Water Quality Plan, Part C - [IDEM Notice of Sufficiency](#)

Vanderburgh County MS4 [Good Housekeeping](#)

Vanderburgh County [Recycling Programs and Services](#)

Contact Information

If you have any questions or complaints regarding erosion problems or to report pollutant discharges into a storm drainage system, please contact our erosion control specialist:

Mike Wathen, C.P.E.S.C.

Office telephone: (812) 435-5773

E-mail: [MWathen@Vanderburghgov.org](mailto:MWathen@Vanderburghgov.org)

# Vanderburgh County Engineering Department Website

## Storm Water Information Page

***Public Involvement*  
*and Participation***

# *Public Involvement*

- The Vanderburgh County Commissioners recently adopted an amendment to the zoning ordinance to require landscaped islands large parking areas
- The area of the islands can be subtracted from their total required parking spaces. This ordinance will require more green space on each site and less paved area within the parking lots.
- Trees will also be required within the islands for the larger parking areas.
- This ordinance will encourage development of landscaped islands strips that are designed to accept storm water from the parking area and act as bio-swales.
- This ordinance was initiated by a local “Smart Growth” committee coordinated through the Evansville-Vanderburgh Area Plan Commission

## SECTION 1. AMENDMENT OF SECTION 17.24.040(D)(3).

Section 17.24.040(D)(3) of the Code of Ordinances of Vanderburgh County is amended by deleting said Subsection as presently constituted and substituting the following in lieu thereof:

**“3. When the front end of a parking space is adjacent to the perimeter of the parking area, a bumper guard shall be provided to prevent any part of a parked vehicle from extending beyond the parking area.”**

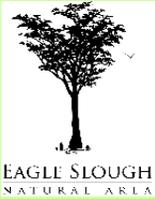
## SECTION 2. ADDITION OF NEW SECTION 17.24.120 INTERIOR PARKING AREA GREEN SPACE.

A new Section 17.24.120 entitled “Interior parking area green space” is added to Section 17.24 of the Code of Ordinances of Vanderburgh County, which new section shall read as follows:

**“17.24.120 Interior parking area green space.**

**A. Interior parking area green space shall be provided in landscaped islands, bumpouts and/or strips within all new surface parking areas or expansions of existing parking areas having 30 or more parking spaces to reduce the visual and environmental impact of large parking lots. The term “Landscaped Island” shall refer to this required parking area green space. These requirements are in addition to any required front, side and rear yard setbacks, and shall meet the following standards:**

- 1. Parking lots shall provide one landscaped island for every 15 parking spaces. When computing results in a fraction of 0.5 of an island or higher, the fraction shall be rounded up to the next whole number. The parking area shall be considered as the pavement devoted to parking spaces and adjoining aisles.**



### Eagle Slough Biggest Loser!

By Greg Meyer, Chairman ESNA Steering Committee

If Eagle Slough Natural Area (ESNA) were a Biggest Loser competitor, she would win HANDS DOWN! If just three days, ESNA lost over TWELVE TONS (of trash, that is). The most recent episode of our Biggest Loser competition occurred on Saturday, November 7. Between 40 and 50 volunteers came out to help on a beautiful fall morning.

This year's work was especially important because we're making a push to get our "infrastructure" done. We had a special need for people who knew which end of a hammer to grab. During the morning, a team of workers built a platform and photo blind at Teal Wetlands (the small pond east of the main trail about half way back). Another team constructed six trail benches and a new Visitor Kiosk. The trail benches will be installed with the interpretative signage. The frame for a road sign on Waterworks Road also went up. That sign should be in place by mid-December.



Ben Rupert's Eagle Scout Project



Teal Wetland photo blind



3.9 Tons of Tires/Trash came out of ESNA

Special thanks go to Eagle Scout candidate Ben Rupert of Evansville Troop 373. Ben designed, funded, and directed construction of the trail benches, Visitor Kiosk and road sign frame. He's the second Scout from 373 to select ESNA for his Eagle Scout project, and we are very appreciative of his hard work and expertise.

## The SWCD provides notification of volunteer activities through their website and newsletters

# SWCD Programs

2009

"COMING TOGETHER NEWSLETTER"

PAGE 5

### 2009 ENVIROTHON

By Norma Duckworth, Water Quality Specialist



SARAH ORTH, BRANDI HOLLEN, HAYLEY FLOWERS, STEPHANIE REDING, MEGAN WENZLER

Eleven area high schools teams participated in the 2009 Canon Envirothon Competition held at the Vanderburgh County 4-H Center March 17th. The day long event started with workshops in Forestry, Aquatics, Soils, Wildlife and Biodiversity. After lunch each team completed tests in each of these subject areas. The students received 'learning objectives' early in the school year and study the material for several weeks leading up to this competition.

After all the scores were tallied Gibson County Home School team placed 1st, followed New Harmony White in 2nd, New Harmony Green in 3rd and Evansville Central High School in 4th. Three teams advance to the Indiana Envirothon Competition April 21st. State contest winners will advance the Canon International Event in Asheville North Carolina this August.

Soil and Water Conservation Districts are pleased to be a part of bringing this exciting natural resource learning opportunity to area high school students. A successful event takes the work and dedication of many people. Our speakers Judi Brown, Jack Brown, Jim True, Alicia Maves and Teena Ligman volunteered their time and gave excellent presentations to the students. A special thanks to Jeri Zillak, Posey SWCD and Ann Ice, Gibson SWCD for organizing this event and to all the SWCD employees who made the day a success.

Any school or youth organization wanting information on how they can participate next year please contact Norma Duckworth at (812) 867-0729.

### ANNUAL ADOPT-A-SPOT WORKSHOP

By Norma Duckworth, Water Quality Specialist

Keep Evansville Beautiful held their annual Adopt-A-Spot Workshop at the University of Southern Indiana's Carter Hall on January 17, 2009. This year's event was sponsored by the Whirlpool Corporation.

The workshop drew about 60 participants to listen to the four featured speakers. Debbie Goelde, Gold Master Gar-

den spoke on 'Plant Selection'. She gave special emphasis to native plants, their assets and versatility. Brian Wildeman, Landscapes by Dallas Foster spoke on 'Landscape Design'.

Vanderburgh SWCD Water Quality Specialist Norma Duckworth spoke on 'Rain Gardens'. She pointed out that Rain Garden Adopt-A-Spot sites could drastically reduce volunteer's maintenance workload and the need for watering through the use of native plants and site design. Don Fleming, USI Grounds program spoke on the 'Hidden Secrets of Campus'. He showed photos from all of the USI properties and spoke on how these gardens are selected and maintained.

Keep Evansville Beautiful did a great job of putting this program together.



NORMA GIVING PRESENTATION ON ADOPT A SPOT

### CENTRAL HIGH SCHOOL STUDENTS PARTICIPATE IN WATER QUALITY MONITORING

By Norma Duckworth, Water Quality Specialist

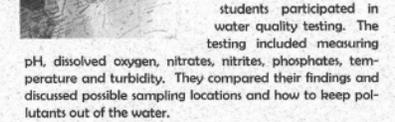
About 100 Central High School students from Ms. Merrill's

Environmental Science classes were presented with a talk on Water Quality Challenges and Field

Monitoring Procedures by Vanderburgh County SWCD's Water Quality Specialist, Norma

Duckworth on February 24th and February 25th. After the overview students participated in water quality testing. The

testing included measuring pH, dissolved oxygen, nitrates, nitrites, phosphates, temperature and turbidity. They compared their findings and discussed possible sampling locations and how to keep pollutants out of the water.



# Public Meeting Notices

Notices sent out as  
required by law

## NOTICE OF ANNUAL MEETING OF LAND OCCUPIERS TO BE HELD FOR THE VANDERBURGH SOIL AND WATER CONSERVATION DISTRICT

To all occupiers of lands lying within the boundaries of the Vanderburgh County Soil and Water Conservation District, notice is hereby given that on the 23rd day of February 2010 beginning at 6:00 p.m. an annual meeting will be held for the purpose of making a full and due report of their activities and financial affairs since the last annual meeting and to elect a supervisor for the Vanderburgh County Soil and Water Conservation District of the State of Indiana. In case of hazardous roads that severely restrict travel, the meeting will be held on the 2nd day of March 2010. All land occupiers and other interested parties are entitled to attend. The meeting will be held at the Vanderburgh 4H in Exposition Hall.

Board of Supervisors  
David Ellison, Chairperson  
Dated this Feb 10, 2010  
(Courier & Press Feb 12, 2010)

### AN ORDINANCE CONCERNING MEETINGS

WHEREAS, I.C. 36-2-2-6 requires that regular meetings of the Board of Commissioners of Vanderburgh County shall be established by resolution at the first meeting in January of each year:

NOW, THEREFORE, BE IT ORDAINED by the Board of Commissioners of Vanderburgh County, as follows:

#### SECTION 1. AMENDMENT OF SECTION 2.04.020

Section 2.04.020 of the Code of Ordinances of Vanderburgh County is hereby amended by deleting said Section as it is presently constituted and substituting the following in lieu thereof:

##### **Section 2.04.020 Meetings.**

A. In accordance with I.C. 32-2-2-6, the County Executive shall hold a regular meeting at least once a month and at other times as needed to conduct all necessary business and dates of regular meetings shall be established by resolution at the first meeting in January of each year.

B. The regular meetings of the Board of Commissioners of Vanderburgh County in 2010 shall be held on the first and third Tuesdays in January, February, April, July, September and December; the first, third and fifth Tuesdays in March and June; and the second and fourth Tuesdays in May, August, October and November at 5:00 p.m. in Room 301 in the Civic Center Complex in Evansville, Indiana.

C. Rezoning petitions will be heard by the Board of Commissioners of Vanderburgh County at the first Commission meeting of each month beginning at 5:00 p.m. in Room 301 of the Civic Center Complex in Evansville, Indiana.

D. Vanderburgh County Drainage Board meetings will be held immediately following each regular meeting of the Board of Commissioners of Vanderburgh County in Room 301 in the Civic Center Complex in Evansville, Indiana.

#### SECTION 2. EFFECTIVE DATE

This Ordinance shall be in full force and effect from and after its passage by the Board of Commissioners of Vanderburgh County.

## *Objectives for Second Permit Term*

- Provide at least one update per year on status of storm water program at a televised County Commissioners' meeting
- Complete the constituent survey currently posted on county website; complete follow up survey
- Obtain better documentation of public participation activities
- Implement database in the County Engineering Dept. to better track incoming calls and complaints regarding storm water issues
- Solicit public input and comments regarding SWQMP in Part C

***Illicit Discharge***  
***Detection and Elimination***

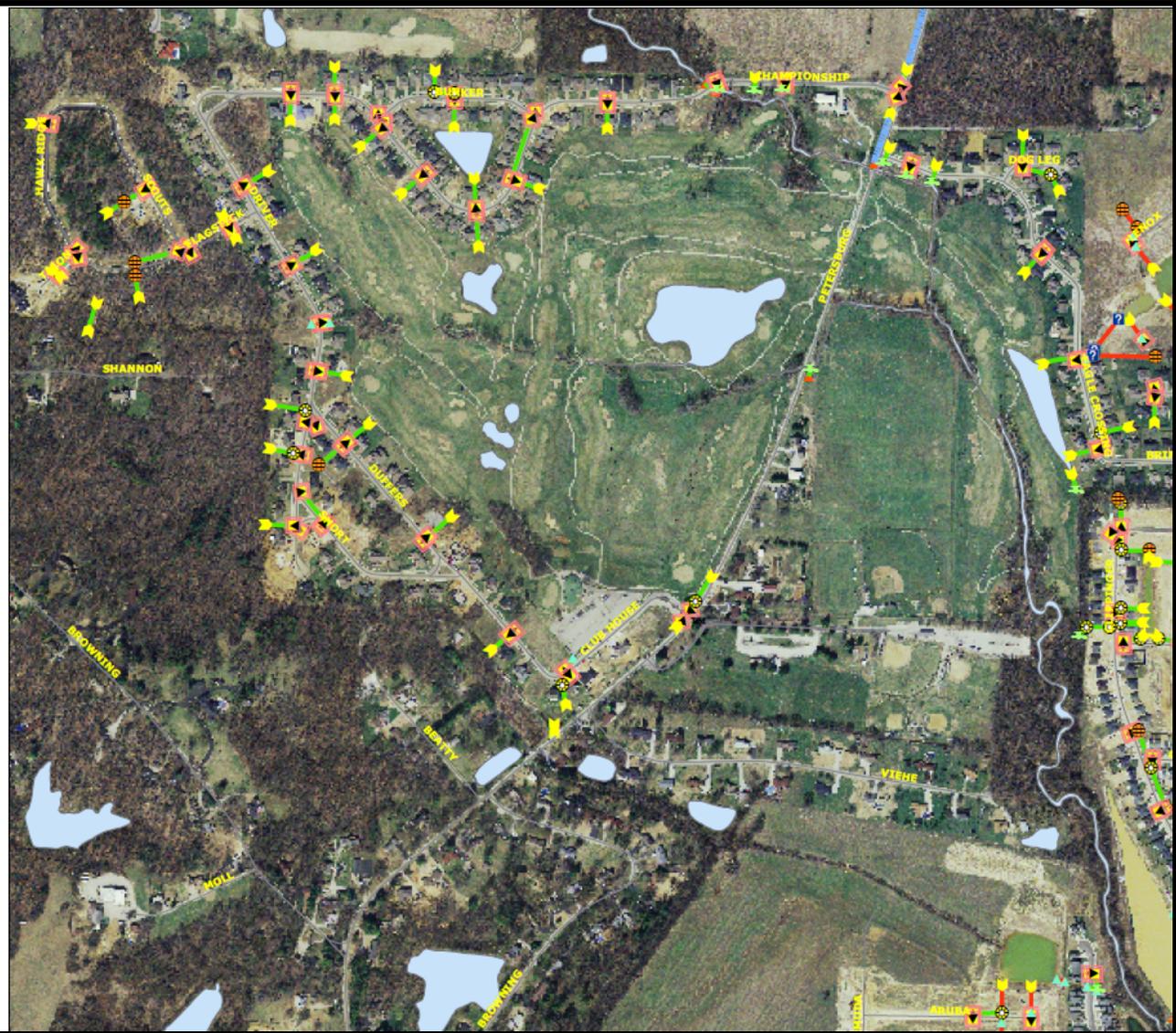
## *Illicit Discharge Ordinance*

- Vanderburgh County Code of Ordinances Section 13.06 “Illicit Discharge Into Storm Water Collection System” passed on June 19, 2007
- Certification form sent to IDEM on February 22, 2008

# MS4 Mapping

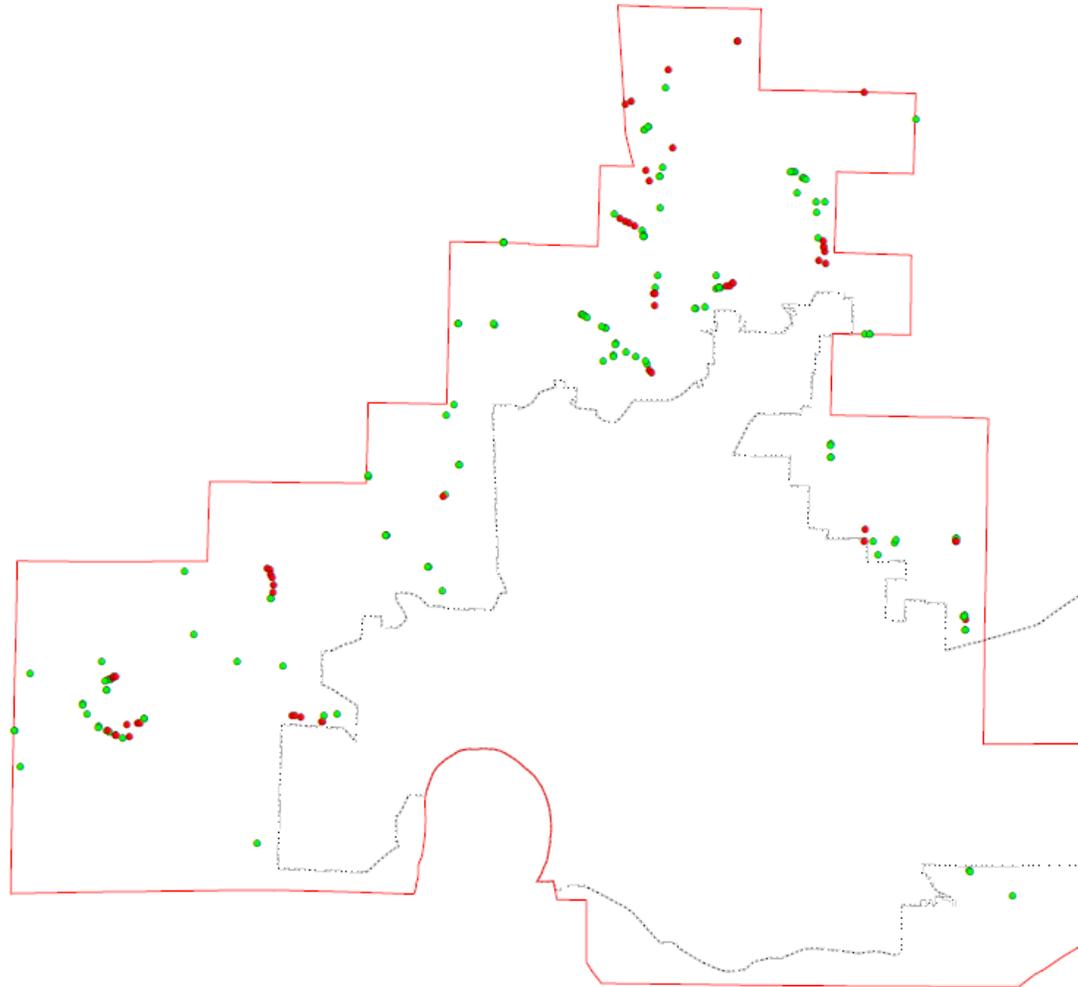
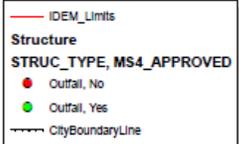
## Vanderburgh County MS-4 Mapping

—	IDEM_Limits
<b>Structure</b>	
<b>STRUC_TYPE, MS4_APPROVED</b>	
—	Outfall, No
—	Outfall, Yes
<b>Structure</b>	
x	<all other values>
<b>STRUC_TYPE</b>	
+	Area Drain
◀	Curb Inlet
▲	Flared End Section
⊙	Manhole
▲	Other
?	Unknown
▲	Net_Junctions
<b>Pipes</b>	
→	<all other values>
<b>MS4 APPROVED</b>	
—	Yes
—	No
—	Ditches
---	CityBoundaryLine
—	Streets
—	Water_Ways
<b>2005 Ortho</b>	
—	Red: Band_1
—	Green: Band_2
—	Blue: Band_3



# Outfall Map

Vanderburgh  
County  
MS-4  
Mapping



# Outfall Data

outfallsFeb2010, 2/17/2010, Page 1

OBJECTID	STRUC_TYPE	SUBDIVISION	TOWNSHIP	INVEN_DATE	NOTES	MS4_APPR...	LatDD	LongDD
117	Outfall	stonecreek	Center	12-5-06		Yes	38.065096	-87.511643
243	Outfall	stonecreek	Center	12-5-06		Yes	38.071403	-87.513468
277	Outfall	stonecreek PUD	Center	12-5-06	Flared End Section	Yes	38.066713	-87.513134
650	Outfall	eagle crossing	Center	12-27-06	end section	Yes	38.077658	-87.516795
654	Outfall	eagle crossing	Center	12-27-06		Yes	38.077492	-87.516408
656	Outfall	eagle crossing	Center	12-27-06		Yes	38.077407	-87.515976
676	Outfall	eagle crossing	Center	12-27-06	end section	Yes	38.073326	-87.513533
679	Outfall	eagle crossing	Center	12-27-06	end section	Yes	38.073315	-87.511482
814	Outfall	keystone	Center	1-4-07		Yes	38.029985	-87.509983
1199	Outfall	North Greens	Center	1-8-07	concrete headwall	Yes	38.044108	-87.552588
1221	Outfall	north greens	Center	3-17-08	flap gate outlet	Yes	38.046206	-87.557519
1302	Outfall	McCutchan Estates	Center	1-10-07		Yes	38.057914	-87.535662
1303	Outfall	McCutchan Estates	Center	1-10-07		Yes	38.057882	-87.536709
1309	Outfall	McCutchan Estates	Center	1-10-07		Yes	38.060046	-87.536654
1405	Outfall	Oaklynn Park	Center	1-12-07	F.E.S.	Yes	38.015274	-87.514787
1407	Outfall	Oaklynn Park	Center	1-12-07	F.E.S.	Yes	38.015953	-87.514831
1410	Outfall	Oaklynn Park	Center	1-12-07	F.E.S.	Yes	38.016629	-87.514835
1509	Outfall	Village at Timber Park	Knight	1-18-07		Yes	38.010319	-87.498852
2412	Outfall	Woodgate	Center	1-19-07		Yes	38.045479	-87.555271
2660	Outfall	Blue Grass Sec. 2	Scott	1-23-07	open ended rcp pipe	No	38.082839	-87.546825
3015	Outfall	Evergreen Acres	Center	1-31-07	open ended pipe	Yes	38.052908	-87.567788
3018	Outfall	Evergreen Acres	Center	1-31-07	RCP Box Culvert	Yes	38.052926	-87.567781
3021	Outfall	Evergreen Acres	Center	1-31-07	F.E.S.	Yes	38.052884	-87.567691
3484	Outfall	Havenwood Meadows	Center	2-6-07		Yes	38.079254	-87.549196
3496	Outfall	Havenwood Meadows	Center	2-6-07		Yes	38.077582	-87.549832
3497	Outfall	Havenwood Meadows	Center	2-6-07		Yes	38.077567	-87.549833
3598	Outfall	Heartland Crossing	Perry	8-28-08	End Section	No	37.979602	-87.670164
4358	Outfall	MJM Industrial	Knight	2-22-07		No	37.99888	-87.478468
4773	Outfall	Northfield Shopping Ctr.	Scott	2-23-07	F.E.S.	No	38.090693	-87.557879
4778	Outfall	Northfield Shopping Ctr.	Scott	2-23-07	F.E.S.	No	38.091131	-87.556571
4809	Outfall	Old Petersburg Place	Center	2-26-07		No	38.043129	-87.552073
4816	Outfall	Old Petersburg Place	Center	2-26-07		No	38.042658	-87.551497
4820	Outfall	city of eville parks dept.	Knight	2-27-07	Flared End Section	Yes	37.953957	-87.477422
4822	Outfall	city of eville parks dept.	Knight	2-27-07	Flared End Section	Yes	37.953788	-87.477188
4843	Outfall	Spring Park	Perry	3-1-07	Flared End Section	No	38.00738	-87.640432
4848	Outfall	Spring Park	Perry	3-1-07	Flared End Section	No	38.006987	-87.639743
4857	Outfall	Spring Park	Perry	3-1-07	Flared End Section	No	38.006266	-87.639601
4861	Outfall	Spring Park	Perry	3-1-07	Flared End Section	No	38.00557	-87.639243
5884	Outfall		Center	3-16-07		Yes	38.057825	-87.550782
6042	Outfall	none	Center	4-12-07		Yes	38.027777	-87.509974
6061	Outfall	none	Center	4-12-07		Yes	38.029773	-87.509984
6476	Outfall	stonecreek	Center	6-19-07		No	38.064574	-87.511451
6477	Outfall		Center	6-20-07		Yes	38.020611	-87.599325
6478	Outfall		Center	6-20-07		No	38.020225	-87.599719
6480	Outfall	stonecreek	Center	6-20-07		No	38.065246	-87.511772
6481	Outfall	stonecreek	Center	6-20-07		No	38.066313	-87.511828
6483	Outfall	camden farms	Center	6-20-07		No	38.062742	-87.512814
6484	Outfall	bridlewood	Scott	6-20-07		No	38.09282	-87.502508
6488	Outfall		Center	6-21-07		Yes	38.027757	-87.509967

OBJECTID *	STRUC_TYPE	RECEIVING
117	Outfall	Firlick Creek
243	Outfall	Firlick Creek
277	Outfall	Firlick Creek
650	Outfall	Firlick Creek
654	Outfall	Firlick Creek
656	Outfall	Firlick Creek
676	Outfall	Firlick Creek
679	Outfall	Firlick Creek
814	Outfall	Licking Creek
1199	Outfall	Trib. to Little Pigeon Creek
1221	Outfall	Trib. to Little Pigeon Creek
1302	Outfall	Trib. to Little Pigeon Creek
1303	Outfall	Trib. to Little Pigeon Creek
1309	Outfall	Trib. to Little Pigeon Creek
1405	Outfall	Trib. to Little Pigeon Creek
1407	Outfall	Trib. to Little Pigeon Creek
1410	Outfall	Trib. to Little Pigeon Creek
1509	Outfall	Pigeon Creek
2412	Outfall	Trib. to Little Pigeon Creek
2660	Outfall	Trib. to Little Pigeon Creek
3015	Outfall	Trib. to Little Pigeon Creek
3018	Outfall	Trib. to Little Pigeon Creek
3021	Outfall	Trib. to Little Pigeon Creek
3484	Outfall	Trib. to Little Pigeon Creek
3496	Outfall	Trib. to Little Pigeon Creek
3497	Outfall	Trib. to Little Pigeon Creek
3598	Outfall	Trib. to Wolf Creek
4358	Outfall	Crawford Brandies Ditch
4773	Outfall	Trib. to Little Pigeon Creek
4778	Outfall	Trib. to Little Pigeon Creek
4809	Outfall	Trib. to Little Pigeon Creek
4816	Outfall	Trib. to Little Pigeon Creek
4820	Outfall	Kolb Ditch
4822	Outfall	Kolb Ditch
4843	Outfall	Trib. to Carpentier Creek
4848	Outfall	Trib. to Carpentier Creek
4857	Outfall	Trib. to Carpentier Creek
4861	Outfall	Trib. to Carpentier Creek
5884	Outfall	Little Pigeon Creek
6042	Outfall	Licking Creek
6061	Outfall	Licking Creek
6476	Outfall	Firlick Creek
6477	Outfall	Locust Creek
6478	Outfall	Locust Creek
6480	Outfall	Firlick Creek
6481	Outfall	Firlick Creek
6483	Outfall	Firlick Creek
6484	Outfall	Trib. to Bluegrass Creek
6488	Outfall	Licking Creek
6490	Outfall	Trib. to Little Pigeon Creek
6492	Outfall	Firlick Creek
6493	Outfall	Trib. to Little Pigeon Creek
6494	Outfall	Trib. to Little Pigeon Creek
6513	Outfall	Firlick Creek
6516	Outfall	Firlick Creek
6519	Outfall	Firlick Creek
6551	Outfall	Locust Creek
6611	Outfall	Carpentier Creek
6616	Outfall	Carpentier Creek
6674	Outfall	Wolf Creek
6677	Outfall	Wolf Creek
6678	Outfall	Wolf Creek
6695	Outfall	Wolf Creek
6699	Outfall	Wolf Creek
6701	Outfall	Wolf Creek
7178	Outfall	Trib. to Wolf Creek
7187	Outfall	Trib. to Wolf Creek
7197	Outfall	Trib. to Wolf Creek

# Outfall Data

with list of  
receiving waters

## *Objectives for Second Permit Term*

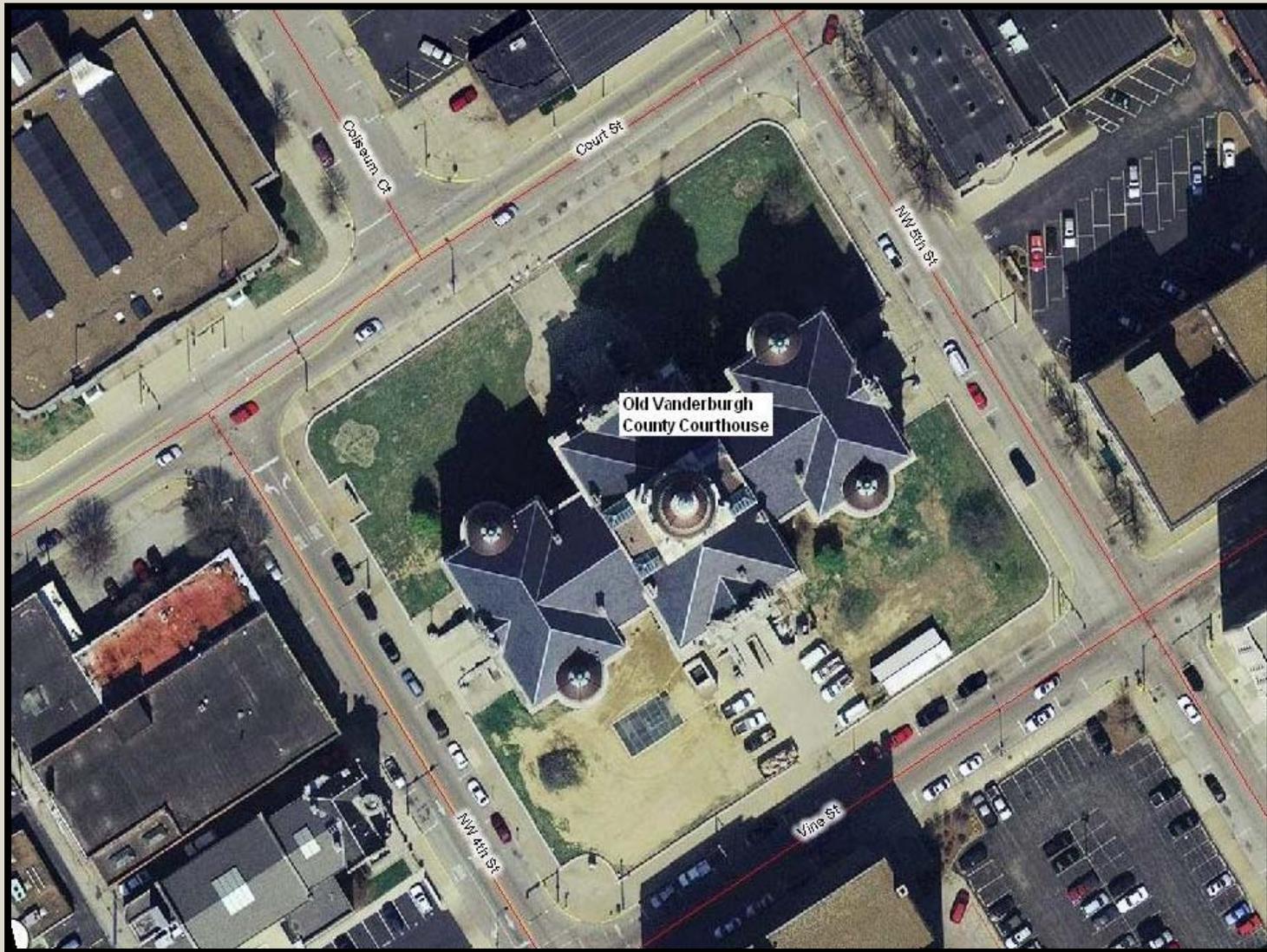
- Map any outfalls that were missed in initial mapping effort
- Screen any additional outfalls that are found

***Pollution Prevention/***  
***Good Housekeeping for***  
***Municipal Operations***

# **List of MS4 Owned Facilities**

- Old Vanderburgh County Courthouse
- Soldiers and Sailors Memorial Coliseum
- Vanderburgh County Coroner's Office
- Vanderburgh County Sheriff's Training Center
- Burdette Park
- Vanderburgh County Highway Department

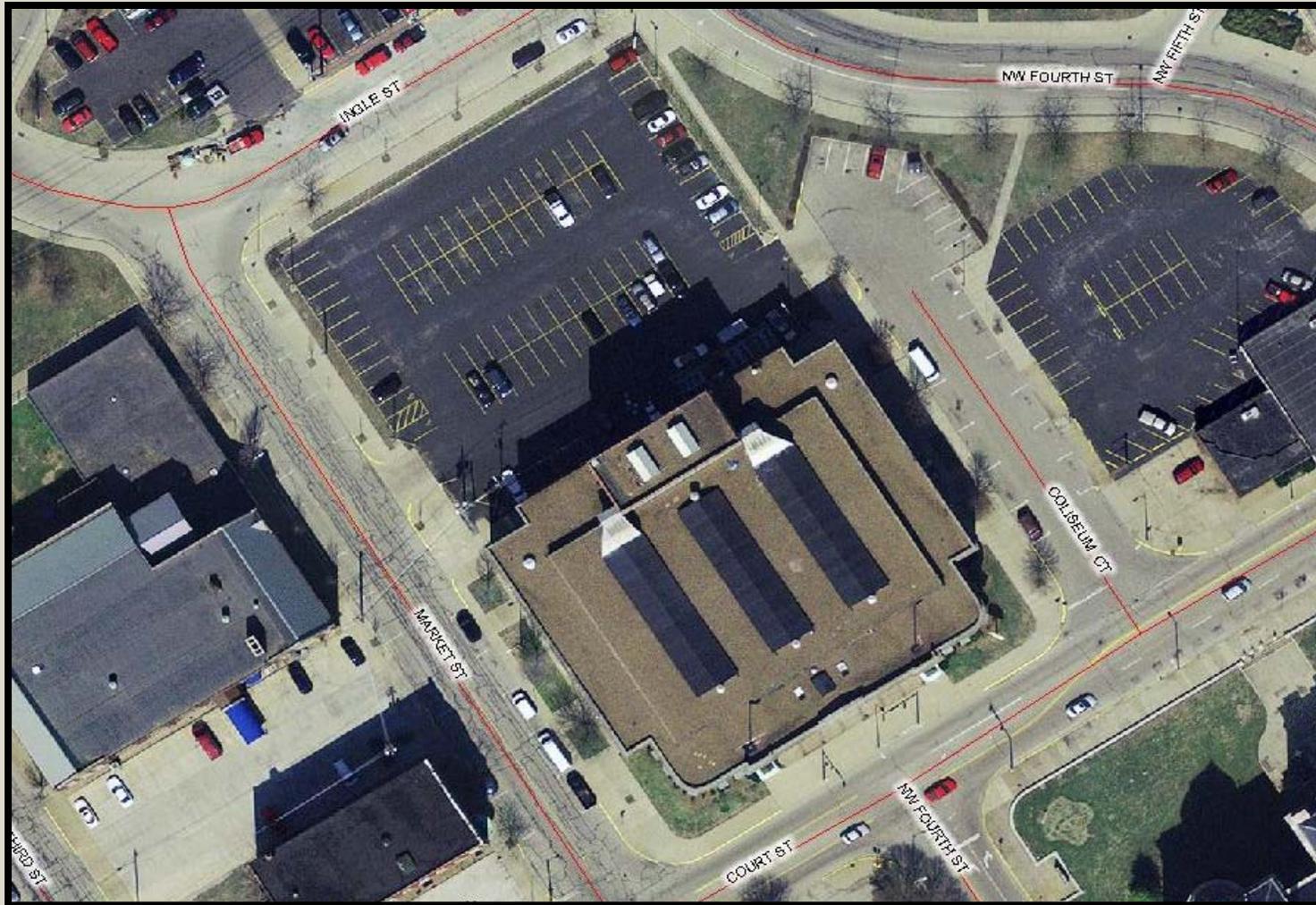
# Old Vanderburgh County Courthouse



## **List of Potential Pollutants** **at the Old Courthouse**

- Automotive Fluids – Oil, Antifreeze, etc.
- Gasoline and Diesel Fuel
- Litter

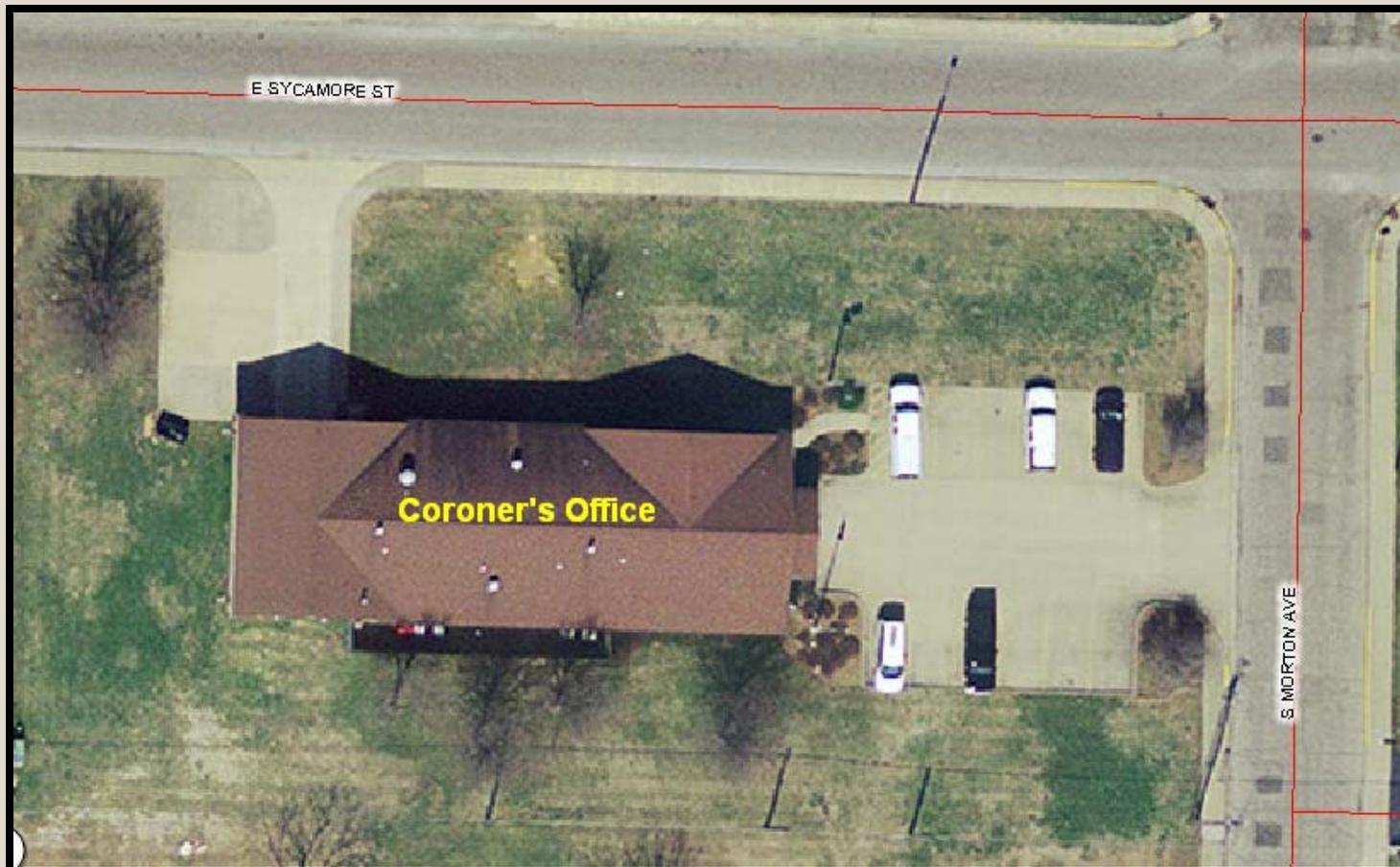
# Soldiers and Sailors Memorial Coliseum



## **List of Potential Pollutants at the Soldiers and Sailors Memorial Coliseum**

- Automotive Fluids – Oil, Antifreeze, etc.
- Gasoline and Diesel Fuel
- Litter

# Vanderburgh County Coroner's Office



## **List of Potential Pollutants at the Vanderburgh County Coroner's Office**

- Automotive Fluids – Oil, Antifreeze, etc.
- Gasoline and Diesel Fuel
- Litter

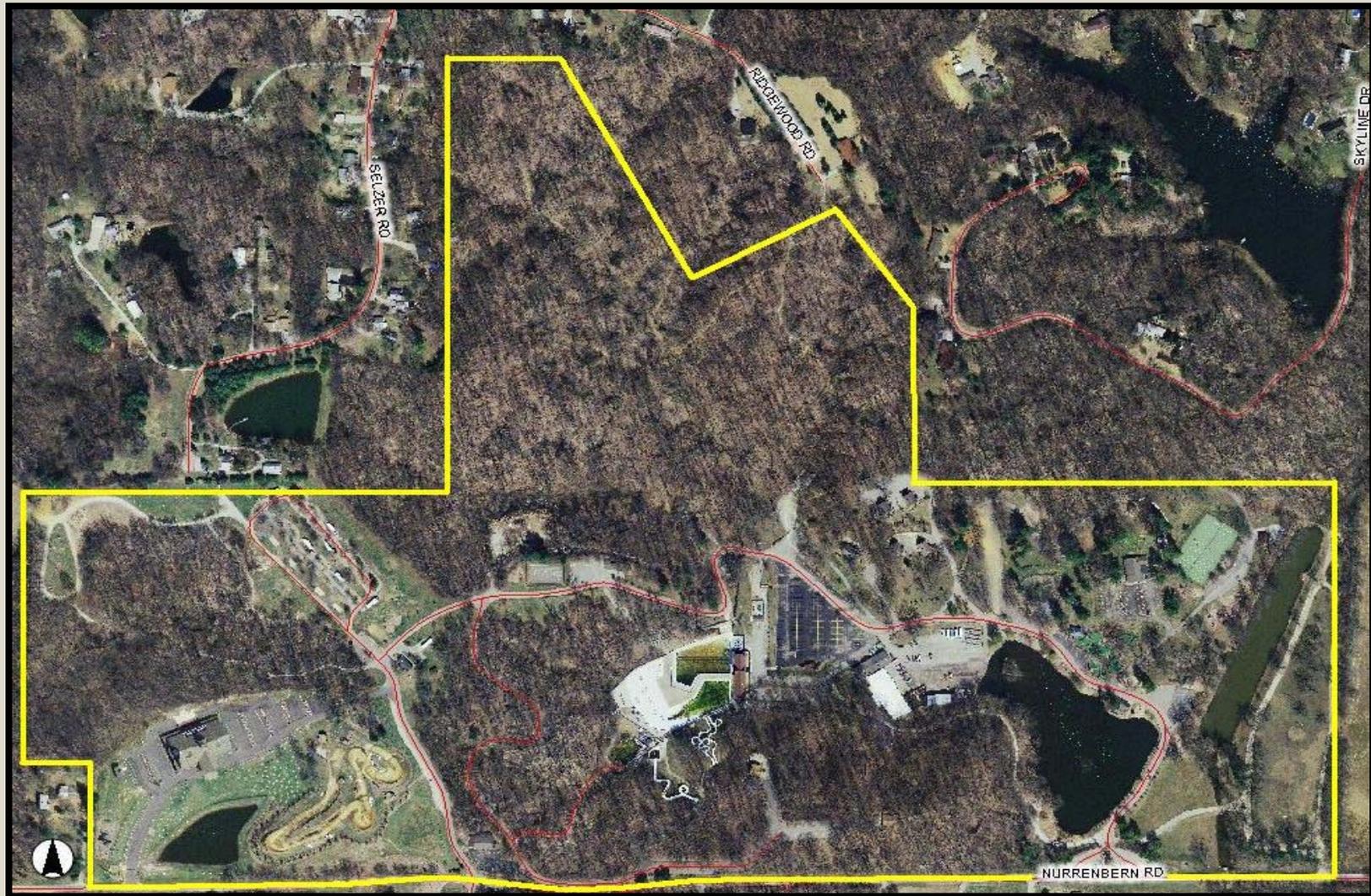


**Vanderburgh Co.**  
**Sheriff's Training**  
**Center**

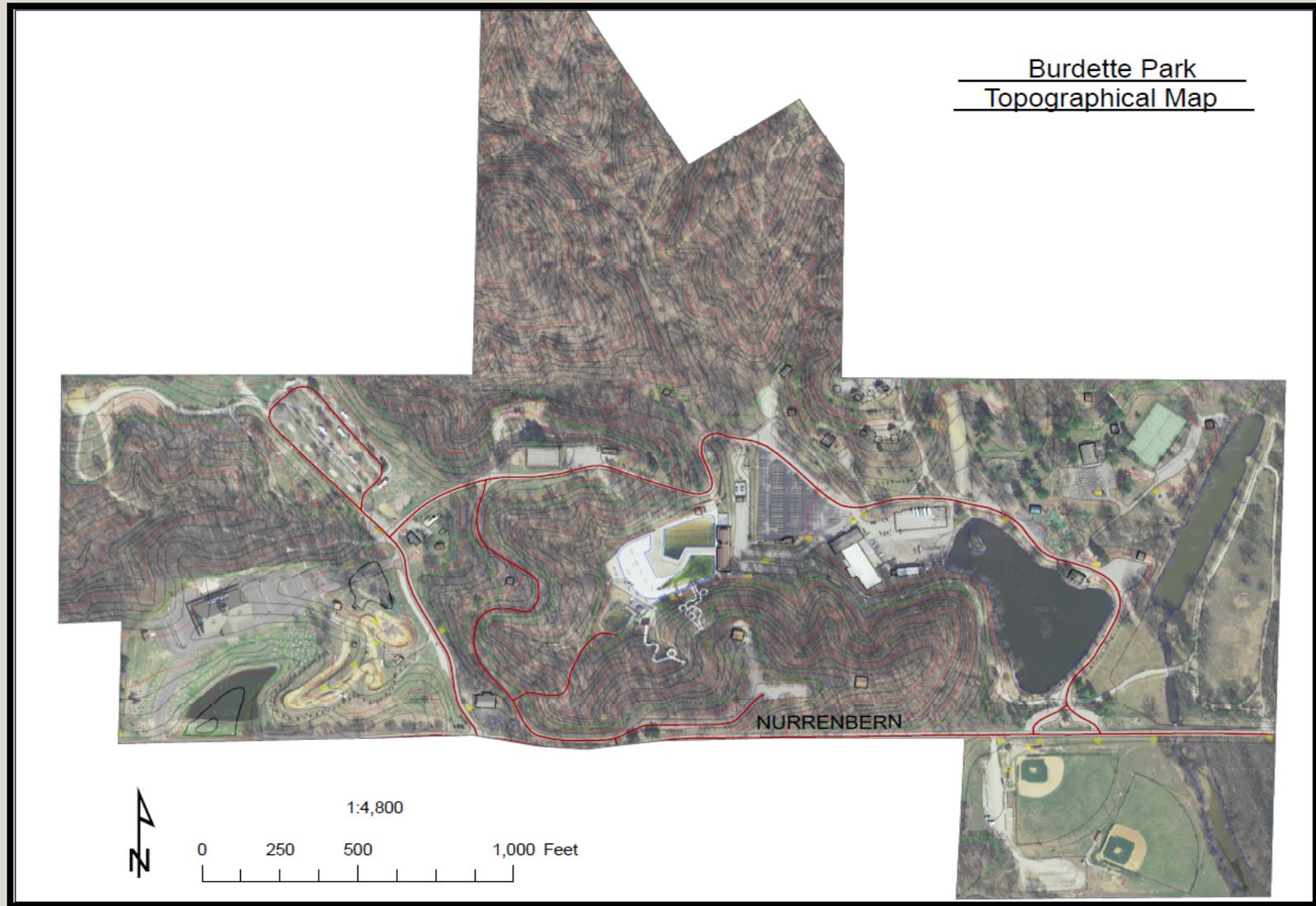
**List of Potential Pollutants at the  
Vanderburgh County Sheriff's  
Training Center**

- Automotive Fluids – Oil, Antifreeze, etc.
- Gasoline and Diesel Fuel
- Litter

# Burdette Park



# Burdette Park Topographic Map



## **List of Potential Pollutants at Burdette Park**

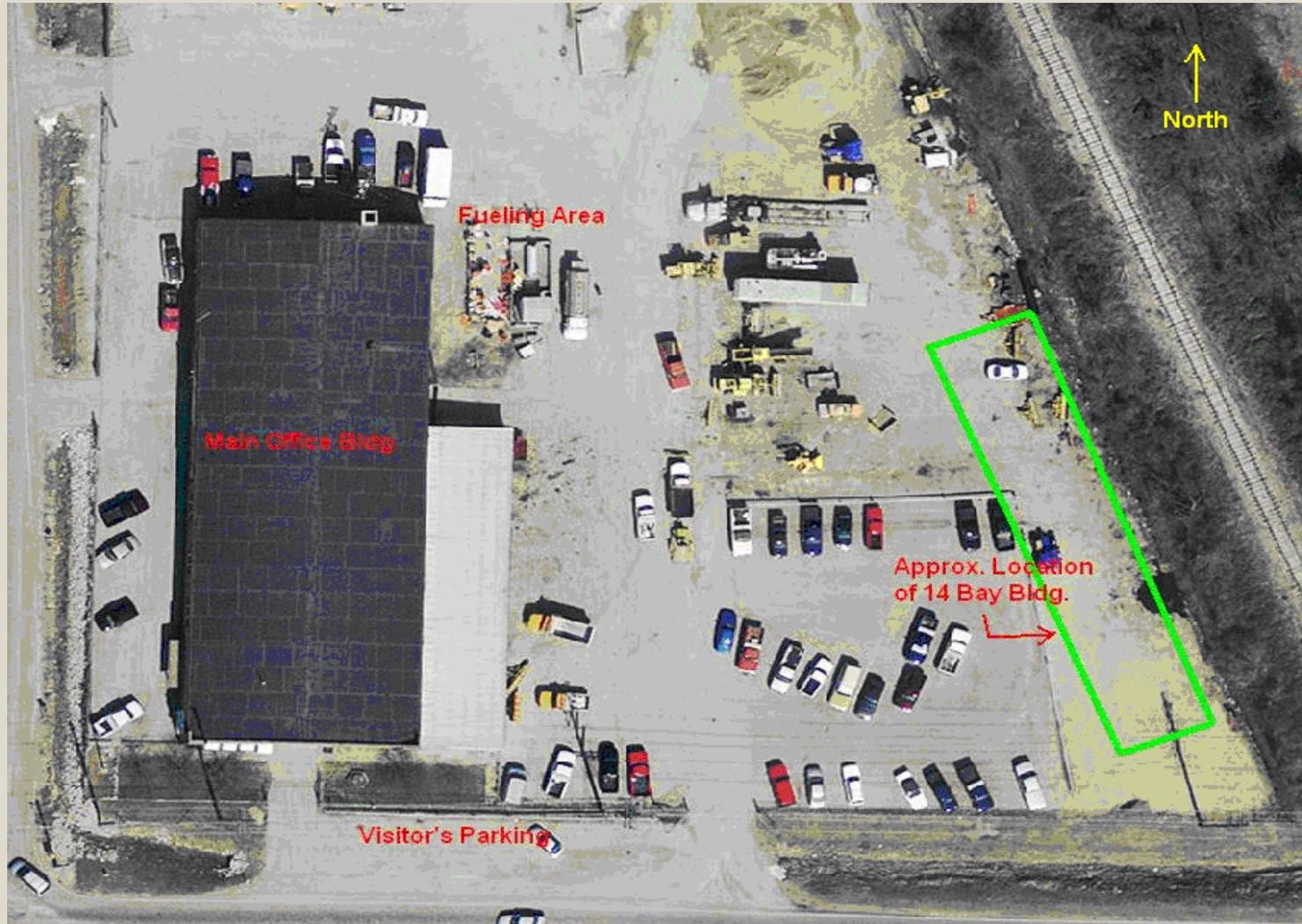
- Pool Chemicals
- Automotive Fluids – Oil, Antifreeze, etc.
- Gasoline and Diesel Fuel
- Pesticides, Herbicides, and Fertilizers
- Litter

## *Objectives for Burdette Park for Second Permit Term*

- Prepare detailed pollution prevention plan for Burdette Park.
- Provide secondary containment wherever possible, especially on exterior storage facilities.
- Develop spill response plans for cleanup of any spilled materials on site and provide employee training.
- Perform regular site inspections, and document the conditions with inspection reports/checklists.
- Install BMPs as funding permits in order to address any pollutants that enter lake at the main entrance to the park.

# Vanderburgh County Highway Department

(south half of site)





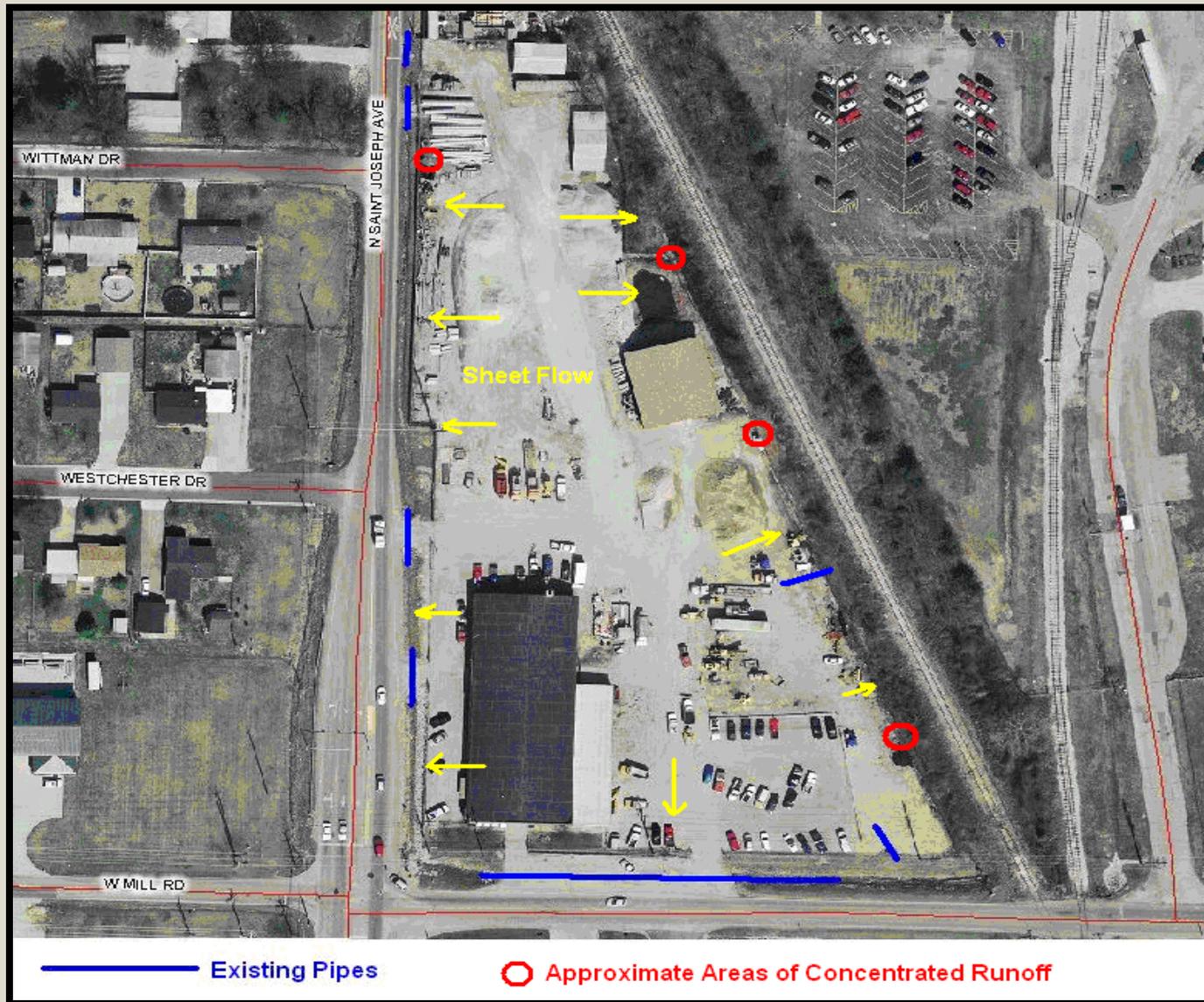
# Vanderburgh County Highway Department

(north half of site)

**List of Potential Pollutants at the  
Vanderburgh County Highway Dept.**

- Salt, Sand, and De-icers
- Automotive Fluids – Oil, Antifreeze, etc.
- Gasoline and Diesel Fuel
- Vehicle Wash Water
- Fine Aggregate
- Litter

# *Drainage Patterns at the Vanderburgh County Highway Department*



## *Objectives for County Highway Dept. for Second Permit Term*

- Determine the outlet points for all floor drains within the county garage and establish appropriate BMPs.
- Utilize the topographic survey of the site to determine appropriate BMPs for the various points where concentrated flow leaves this site.
- Determine the outlet locations of all storm drainage pipes on the county highway department grounds, and install appropriate BMPs as needed.
- Provide secondary containment wherever possible, especially on exterior storage facilities.
- Develop spill response plans for cleanup of any spilled materials on site and provide employee training
- Perform regular site inspections, and document the conditions with inspection reports/checklists.
- Cover or eliminate exterior stockpiles if possible. If exterior stockpile areas cannot be covered or removed, provide appropriate best management practices to attempt to keep stockpiles from polluting storm water runoff.

*Additional Questions  
or Comments?*