

## 2010 Year End Report

### Public Education and Outreach

Clean-Up Events – There was a clean-up day held on June 1, 2010 by the SWMD. With the cooperation of 7 volunteers from the Purdue Extension office and the Surveyors Office over 100 pounds of litter was collected from the roadside and ditches along a 2 mile adopted stretch of US 40.

Newsletter Articles – The Soil and Water Conservation District has three different newsletters they distribute to Hancock County residents. They are Backyard Conservation / Plant a Million, Sugar Creek Scoop, and Conservation on the Land were distributed to 6,500+ people. These are sent out quarterly and are available on the website.

Newspaper Articles – The Soil and Water Conservation District prepared 16 articles for the local newspaper including articles about Wetland Reserve Program, Brandywine watershed, My Lawn – Clear Water, Rain Gardens, tree workshop, etc... The paper circulation is over 21,000 people. The Solid Waste Management District prepared 3 articles for the local newspaper covering the following topics, how to dispose of latex paint, what is Household Hazardous Waste and Recycling tips.

Website – The Hancock County Government has a website ([www.hancockcoingov.org](http://www.hancockcoingov.org)) for stormwater management as well as the SWCD web site ([www.hancockswcd.org](http://www.hancockswcd.org)). The Hancock County site has a calendar, ordinances, maps, etc. Currently there have been 1195 hits since August 2008. The SWCD site provides information on educational material that is available for classrooms as well as information about Master Naturalist and other water quality information. They also have added information about the Sugar Creek Watershed which is sponsored by a 319 Grant. The SWMD has a website that you access through Purdue Extension. The link to the website is: [www.ag.purdue.edu/counties/hancock/documents/hancocksolidwastedistrict/default.htm](http://www.ag.purdue.edu/counties/hancock/documents/hancocksolidwastedistrict/default.htm) the site has a calendar of events, copy of the brochure, places to recycle in Hancock County plus emergency numbers.

Stormwater Educational Brochures – There are over 20 different brochures between the different offices in the county. The Soil and Water Conservation District has brochures including “Water is Life”, Watershed Protection, wetlands, recycling, etc. At the local 4-H fair the SWMD handed out brochures titled “Recycle in Hancock County” with drop off location. The SWCD also have Backyard Conservation Tip Sheets available on pest management, rain gardens, pervious pavement, wildlife habitat, etc. The Health Department also has brochures about septic system maintenance and repairs that they provide to the public. The Surveyor’s office developed a brochure titled “Pet Waste, water quality and your health.”

Solid Waste Management District Promotions – The Solid Waste Management District hosted 5 events. The Drug Toss in conjunction with the Healthy Heartbeats Festival at

Hancock Regional Hospital with 87 participants, collecting 45 pounds of controlled substances and 230 pounds of non-controlled substances. A Household Hazardous Waste collection event was held involving 98 residents from the following townships 3 Blue River, 8 Brandywine, 0 Brown, 10 Buck Creek, 46 Center, 2 Green, 5 Jackson, 20 Sugar Creek, and 4 Vernon. At this event we collected 5,993.5lbs of hazardous materials along with 1,065lbs of trash. A Spring Electronics collection event with 46 residents represented by township Blue River 2, Brandywine 3, Brown 2, Buck Creek 6, Center 22, Green 0, Jackson 1, Sugar Creek 5 and Vernon 5. This event diverted 5,147 lbs of electronics from the waste stream. Additionally, a Tire/Latex Paint/Shred event was held collecting 83 tires, 101 gallons of latex paint and recycled 200lbs of shredded confidential documents. Residents from the following townships participated 3 Blue River, 4 Brandywine, 0 Brown, 3 Buck Creek, 12 Center, 1 Green, 1 Jackson, 6 Sugar Creek, 2 Vernon. The last event held as of this report was the Garden Pot Recycling event collecting 10cyds of plastic pots that were able to be recycled.

SWCD and SWMD Activities – The SWCD activities this past year includes their Annual Meeting, Brandywine Creek Site Sampling State Fair booth, and a Rain Garden Workshop. The SWMD activities that were conducted this past year include; information booth on recycling at the Central Indiana Power breakfast attended by over 2,000 Hancock County residents. Presented a “Where to Recycle in Hancock County” presentation to the Mothers of Preschoolers at Zion Lutheran Church which included 10 moms. Also was a guest of Gabe Caldwell of CGS Services in a landfill tour and presentation to Mt. Comfort Elementary which included 90 second graders. Lastly operated a Recycling Education booth at the Hancock County Fair for adults and children that included a Closing the Loop presentation. Annual attendance can only be estimated yet we had 130 people fill out a survey of which 106 were Hancock County residents 9 Blue river, 7 Brandywine, 5 Brown, 1 Buck Creek, 53 Center, 5 Green, 11 Jackson, 10 Sugar Creek, 5 Vernon. Of that sampling, 57 people take advantage of the drop-off sites around the county while 22 utilize curbside recycling. All were given brochures and discussed recycling options in Hancock County

School Programs - SWMD is in the process of revising our school programs having just taken over this position in April 2010; these are in the process of being rolled out to the schools. The SWCD handed out booklets and material to area schools reaching over 1200 students.

Mass Media – The SWCD and SWMD works with the local paper to have newspaper articles and inserts published, see above.

Watershed Study Projects – The SWCD is working on projects that will consist of a 319 Grant for the Sugar Creek Watershed Study. This watershed cuts diagonally across the county including the MS4 area. There have been several activities in the past involving this watershed study including clean up days, testing of water quality, and list of best

management practices for rural and urban areas. The SWCD is also working with a Lare Grant for the Brandywine Watershed Project.

### **Public Involvement and Participation**

Stormwater Management Steering Committee – The committee includes staff from the County Surveyor’s office, highway department, health department, SWCD, SWMD, and GIS department. There were 6 meetings held by the committee to report progress on activities, and review Part C and make changes where needed. We also formed an MOA with the other MS4s in the county. The MOA includes Hancock County, SWCD, SWMD, The City of Greenfield, The Town of New Palestine, The Town of McCordsville, The Town of Fortville, and The Town of Cumberland. Heather Buck with Christopher B. Burke Engineering assisted us with the rewriting of Part C.

Clean-Up Events – There was a clean up day held on June 1, 2010 by the SWMD. With the cooperation of 7 volunteers from the Purdue Extension office and the Surveyors Office over 100 pounds of litter was collected from the roadside and ditches along a 2 mile adopted stretch of US 40.

SWCD and SWMD Activities – (see public education and outreach section)

Public Meetings – The Phase II annual report was given at the SWCD annual meeting which was held in March. There were 68 people present. In addition, at the January Drainage Board public meeting there was a report on phase II activities including the education, construction, mapping of outfalls and compliance, and audit results.

Training for Construction Professionals – (see construction site stormwater runoff section for more details)

Storm Drain Marking – The SWCD paid for adhesive markers to be placed on inlets. The Surveyor’s office is in the process of starting a phase II of placing storm drain markers in subdivision inside the MS4 area. These will be the subdivision that were left out of the first round or the markers that was placed has been removed or torn off. According to our stormwater ordinance all new development is required to install all inlet castings that are marked with an appropriate “clean water” message.

Pollution Prevention Program – The Surveyor’s office and the Health department have forms for the public to handle complaints on illegal dumping, illicit discharges, poor erosion control, and other activities that negatively impact stormwater quality. In 2010, the Health Department had 19 sewage and 21 trash complaints. All have been resolved. There were 20 septic repairs made in 2010. The Highway Department had 50 reports of trash in the county. All were picked up and placed in a dumpster or added to the recycled debris pile at the highway garage. The Surveyors office had 121 repairs form submitted on Regulated Drains.

## **Illicit Discharge Detection and Elimination**

Stormwater System Map – The Surveyor’s office has developed a GIS layer to map stormwater conveyance. The Schultz and Schultz Regulated Drain and portions of 2 Regulated Drain open ditches have been walked and identified the outfall structures. A spreadsheet is tracking the following information for these outfalls - the receiving water, type of outfall, material, size, flow rate; discharge if any, turbidity, and if any damage is done to the structure. This information is then placed in a database and will be used to identify which outfalls will need to be tested in the future. Our office has decided to outsource the testing analysis, once the outfalls are identified we will hire a private consultant firm with more experience and knowledge in testing to test those outfalls that are 12” or larger and have a discharge in dry conditions. All new subdivisions are located by GPS during the inspection phase so that all structures are identified and compared to the as-built drawings supplied by the developers. In addition, all existing subdivisions in the MS4 area are being inspected and all structures located and added to the GIS layer. There are several miles of stormwater mapping that have been completed. The GIS department has adding a layer of Regulated Drains and watersheds to our public site. All repairs to Regulated Drains are located by coordinates to make our maps as accurate as possible. In 2010, we have mapped 580,680 feet of stormwater. The MS4 area there is 156,258 feet of open channel and 424,422 feet of tile or approximately 110 miles mapped.

Illicit Discharge Detection and Elimination Ordinance – The Health Department has continued to repair failing septic systems. This year there were 20 repairs. The testing of the outfall structures has not been completed. Once the testing is completed, we will follow through and identify the source and take corrective action.

Pollution Prevention Program – (see public involvement and participation section)

Storm Drain Marking – (see public involvement and participation)

Solid Waste Management District Promotions – The Solid Waste hosted 6 events with over 238 citizens participating. There were one electronic days collecting 5,147 pounds, a tire recycling day collecting 83 tires, and a household recycling day collecting 6,268 pounds of waste and 1,165 pounds of trash collected. In addition, the Spring Clean event collected 100 pounds of litter.

Annual IDDE, Good Housekeeping, and Pollution Prevention Staff Training – The Health Department attends several training sessions throughout the year. This year they attended: Vector Control Conference, Yearly soils training through ISDH, IOWPA conference, and Indiana Kids Environment, Healthy Homes conference, and monthly IEHA meetings. The Highway Engineer attended Purdue Road School. The Hancock County Surveyor and office staff attended Road School. Susan Bodkin and Tracie Belongia attended several meetings and workshops covering topics of local ordinances, spill prevention and reporting, Green BMP post construction, Lid projects, erosion control inspections, plan review, Good Housekeeping and Pollution Prevention, and permit renewal and audit meetings. They attend the Keep It Clean Workshop, INAFSM conference and stormwater meetings, and the MS4 annual meeting. The Soil and Water Conservation District employee attended SWCD Annual Conference, Stormwater and Soils training, wetland training, IDEA Fall workshop, Water Quality, Hydrology, Landscaping Workshop, and north Southeast Region Training, SE partnership training, Rule 5 training. The Solid Waste Management District – Robin Maroska attends many meetings training sessions associated with recycling and Green Building.

## **Construction Site Storm Water Run-off Control**

Erosion and Sediment Control Ordinance - The county adopted the comprehensive, County-wide ordinance that meets the minimum requirements of 327 IAC 15-5 (Rule 5) in 2005. During 2010, all new development was reviewed under this ordinance for compliance. All plans had an erosion control plan that the Surveyor's office reviewed. This review includes a section on Stormwater Pollution Prevention, inspection, maintenance, record keeping, and reporting. In addition, all individual house plot plans are reviewed for erosion control compliance as well.

Plan Review, Site Inspection, and Enforcement – In 2010, all new developments were reviewed under the new stormwater ordinance. New sections of previously reviewed subdivisions were reviewed for Erosion Control measures and water quality measures were added if possible. The Surveyor's and Highway Department make periodic inspections of subdivision and building sites to inspect Erosion Control Measures. Before any new subdivision is recorded the site must be inspected by the Surveyor's office for erosion control compliance. In addition, random inspections are done to make sure erosion control measures are being maintained and cleaned. There were 26 inspections made and 11 letters sent to builders and developers to have erosion control put in place or maintained.

Staff Training - Staff members from the Surveyor's office attended the workshop hosted by Hamilton and Marion County SWCD on local ordinances, spill prevention and reporting, Green BMP post -construction and Lid projects. Susan Bodkin and Tracie Belongia of the Surveyor's office attended the INAFSM conference and stormwater committee meetings throughout the year. Susan and Tracie attended the MS4 Annual Meeting as well.

Erosion and Sediment Control and Post Construction BMP tracking – The Surveyor's office is tracking the inspection of subdivision and individual lots utilizing a excel spreadsheet. The post-construction BMP are being maintained by the developer's and then homeowner's associations or commercial park lot owners. Currently, subdivisions have utilized fore bays, grass swales, catch basins, and aqua-swirls.

Training for Construction Professionals – The Surveyor's office encourages construction professionals to attend the Keep It Clean workshop.

Quality Assurance/Quality Control (QA/QC) of Overall Program – The County Highway submits all bridge construction sites that disturb over 1 acre to IDEM for review. During construction, silt fence and check dams are utilized to minimize the amount of sedimentation that enters the ditches or streams. The County Surveyor oversees their contractors on routine maintenance of open ditches and the placement of the spoil so that

sediment does not re-enter the ditches. The Surveyor and the SWCD encourages the placement of filter strips along all county Regulated Drains.

### **Post-construction Stormwater Management in New Development and Redevelopment**

Post-construction Control Ordinance – The county adopted a new county-wide ordinance that meets the minimum requirements of 327 IAC 15-13 (Rule 13) by including post-construction site run-off control measures. The County has encouraged designers and developers to utilize the Indiana Storm Water Quality Manual.

Plan Review, Site Inspection, and Enforcement – The Surveyor’s office outsource post-construction BMP plan reviews. This year all projects must meet the county ordinance for water quality measures.

Inspection and Enforcement Documentation – Currently, the county does not own or operate any post-construction BMPs. At this time the county is setting up a database listing of post-construction BMPs.

Post-construction BMP Operation and Maintenance Plan – Since the county does not own or operate any post-construction BMPs there is not an operation and maintenance plan. However, upon acquisition of any future BMPS, the county will develop and implement an Operation and Maintenance (O & M) Plan.

## **Pollution Prevention and Good Housekeeping for Municipal Operations**

Maintenance Schedule and Database – The County Highway has log sheets which they complete and that information is then put into a database at the Surveyor’s office for reporting purposes. The log sheets cover wash vehicles, cleaning the oil and water separator, and work orders trash collection, ditching and berming roadsides.

Secondary Containment – Currently, the highway department has oil absorbent pads and rolls in each highway garage. In addition, there is an oil and water separator in each garage which goes to the sanitary sewer. The combination of these methods reduces the impact of accidental spills that could contaminate stormwater runoff from these facilities. The used oil and anti-freeze is picked up by an approved recycling company. In addition, they purchase recycled material.

Oil and Water Separator Operation and Maintenance - The County installed an oil and water separator in the garage which is connected to a sanitary sewer line. On March 31, 2010 Crystal Clean was hired to clean solids and liquids from the trenches, pump the oil separator, and cleaned separator in old shop by hand. They collected 1,100 gallons of liquid and 20 gallons of solids.

Catch Basin Inserts - The county highway installs GEO fabric in all storm drain inlets at the Highway Department’s maintenance facilities. The staff has been trained on proper installation and the material that is collected is reused by storing them on stockpiles that are used on construction sites.

Salt and Sand Management – The county highway stores both the road salt and sand in an enclosed facility. They utilize filter cloth in the stormwater inlets to trap the sand and prevent it from entering the stormwater drains.

Liquid Asphalt Storage - The County will implement measures to minimize the risk of liquid asphalt contaminating stormwater runoff as funding becomes available.

Silt Fence Dam - In 2007, the County installed silt fence along the open drain between the County Highway’s primary maintenance facilities to minimize potentially contaminated stormwater runoff from spilling into the open drain. This is inspected routinely to insure it is functioning properly and fix any places that are worn or falling down.

Pesticide Management –The County Highway applies herbicides to the road right-of-ways to control brush and noxious weeds. There was 104 gallons of Milestone used for Canada Thistle, and 113 gallons of Barrier applied around signs, bridges, intersections, etc. for vegetation control. The following herbicides are stored at the highway – Tordon

K, Milestone, and Pathway. They are stored in an area that is properly marked and locked.

The Health Department has certified pesticide applicator for mosquito control. They treated 75 sites for mosquitoes in 2010. The following chemicals are stored on-site in a storage room sitting in plastic bins as secondary containment – 2.5 gallons of Flit 10 EC, 60 lbs. of Vectolex CG, 40 lbs. of Vectobac G, 70 lbs of 5% Abate Pellets, and 5 lbs of Altosid Briquets.

Chemical Spill Response – Tracie Belongia has conducted a training session at the Highway Department on how to handle a chemical spills in 2008. In 2009 a Stormwater Pollution Prevention Plan was established for the Highway Dept. Which includes who to contact during a spill and steps to use in cleaning up a spill?

MS4 Conveyance System Maintenance – The County Surveyor’s office is inspecting existing subdivisions as they GPS location of structures. During inspections, maintenance reports are filled out as needed. The Highway Department completed side ditching projects last year removing approximately 31.5 tons of material and 4,770.3 tons of material berming the edge of roadways and 2,271.13 tons of material from soft repairs. This material was brought back to the yard to be recycled on projects that need dirt or given to landowners to be reused.

Waste Disposal – The County Highway department has collected waste from catch basin inserts, oil and water separator, and periodic maintenance (including side ditching and berming). The majority of this waste is added to stockpiles in the yard to be reused on construction sites or given to landowners to be recycled.

Street Sweeping Program - The County does not have a street sweeper and most of the roads do not have curb and gutters except in subdivision. At this time, it is not feasible to perform street sweeping on a county-wide basis.

Wash Water Management - The highway department installed oil and water separator in their garage connected to the sanitary sewer and all highway vehicles are cleaned in the area where the material will drain to these inlets.

Snow Disposal Areas – In 2009-2010 season, the county used 25,837 tons of salt and 120,615 tons of sand and chloride. Most county roads are not curb and gutter so there are grass roadsides. The snow spread in these areas minimizes the amount of pollutants getting into the streams. In subdivision where there are storm inlets, snow is spread as best as possible and not stockpiled in these areas if possible.

Annual IDDE, Good Housekeeping, and Pollution Prevention Staff Training – The Highway department has yearly training for its staff on Phase II requirements. The annual training is done in December so this report which is from January 1 to August 31 of 2010 will not have a training session to report.

Flood Management Projects – The County does not own or operate any flood control projects.

Canine Park Location – The County does not own or operate any canine parks.

End of the Year Report for Phase II Storm Water Quality Management Plan - 2010			
Programmatic Indicator	Description	BMP Indicator	Results
1	Number or percentage of citizens, segregated by type of constituent that have an awareness of stormwater quality issues	Stormwater Survey Newsletter Articles Newspaper Articles SWCD Brochures School Programs	4 new surveys were taken in 2010, 282 people completed the surveys 3 Newsletter - Backyard Conservation/Plant a million, Sugar Creek Scoop, and Conservation on the Land mailed to 6,500 people 19 Articles - 16 by the SWCD and 3 by SWMD distributed to 21,750 There is over 20 different brochures, flyers, and pamphlets with a distribution to over 4,000 citizens by the SWCD, SCMD, Surveyor's Office and Health Dept. SWCD - 7 different topics of handouts and 1 event reaching over 1200 Students. SWMD - New employee and is revising the school program
2	Number and description of meetings, training sessions, and events conducted to involve citizen constituents in the stormwater program	Stormwater Steering committee Rule 13 Public participation list Training Construction Professionals Storm Drain Marking Staff Training Pollution Prevention Program Annual IDDE, good housekeeping Tr.	Held 6 meetings involving SWCD, SWMD, Surveyor's Office, Surveyor's GIS Department, Health and Highway Departments. One of the meetings was the MOA coming together We are working with the Sugar Creek Watershed Study Group and area businesses in developing an on going list. Encouraged Builders, Developers, and Designers to attend Keep it Clean Workshop All new developments have installed castings with markings 7 employees have been trained in various Phase II requirements - education, erosion & sediment control, septic system failures, herbicide application, education, etc. There were 19 sewage and 21 trash complaints in Health Dept., 50 reports of trash to Highway Dept., 121 repairs filed in the Surveyor's Office The Health, Highway, SWCD, SWMD and Surveyor's Office all attended training on various Phase II requirements including good housekeeping and pollution prevention
3	Number or percentage of citizen constituents that participate in stormwater quality improvement programs	Clean-up events SWCD Activities School Programs Watershed Projects Public Meetings Storm Drain Markings Pollution Prevention Program SWMD Activities	There was 7 volunteers and 100 pounds of litter collected by the SWMD and the SWCD is planning one later this year Conducted 7 different activities involving over 2,200 people - State Fair, Environmental Adventure Day, Annual Meeting, etc. The SWCD handed out booklets and material to area schools and the SWMD has a new employee and revising the school programs Working on project for the Sugar Creek Watershed Projects and the Brandwine Watershed Projects The Annual Report was presented at the SWCD public meeting in March (68 people), Phase II update and Annual Report presented to the Drainage Board public meeting in January. All new developments have installed castings with markings The form has been created and is available in the Surveyor's office and the Health Department There were 6 events - 1 electronic days, 1 tire recycling day, 1 household waste day, 1 clean-up event, 1 Drug Toss, and 1 Garden Pot Recycling
4	Number and location of storm drains marked or cast, segregated by marking method	storm drain marking	A second round of storm drain markers is being set up.
5	Estimated or actual linear feet or percentage of MS4 mapped and indicated on an MS4 area map	Storm System Map	156,258 feet of open ditches and 424,422 feet of tile mapped on GIS within the MS4 area
6	Number and location of MS4 area outfalls mapped	Storm System Map	130 on the Charles Brier Ditch, 11 on the Smith and Johnson Drain, and 34 on the Schultz and Schultz Drain
7	Number and location of MS4 area outfalls screened for illicit discharges	Illicit Discharge Detection and Elimination Plan	We have outsourced the testing
8	Number and location of illicit discharge detected	IDDEP	We will not know until we begin the testing phase
9	Number and location of illicit discharges eliminated	IDDEP	Health Department had 20 septic systems repaired
10	Number of and estimated or actual amount of material, segregated by type, collected from HHW collections in MS4 area	Solid Waste Management District	There was 5,147 pounds of electronics, 83 tires collected, 6,268 pounds of household waste collected, 1,165 pounds of trash collected.
11	Number and location of constituent drop-off centers for auto fluid recycling	Solid Waste Management	There are 5 places in Hancock County to drop off used motor oil.
12	Number or percentage of constituents that participate in HHW collections	Solid Waste Management	There were over 238 citizens that participated in a total of 6 events
13	Number of construction sites obtaining an MS4 permit issued stormwater runoff permit in the MS4 area	Erosion & sediment Control Post-Construction BMP tracking Erosion & sediment Control Ord.	Several sites use forebays, vegetative strips, porous pavers but none under construction at this time In the process of creating a database The county has adopted a Stormwater Ordinance
14	Number of construction sites inspected	Erosion & Sediment Control	26 construction or house sites
15	Number and type of enforcement actions taken against construction site operators	Erosion & Sediment Control	11 letters to developers to have proper erosion control in place, 5 phone conversations, 2 holds on inspections from Building Dept.
16	Number of, and associated construction site name and location for, public informational requests received	Erosion & Sediment Control	None
17	Number, type, and location of structural BMPs installed	Erosion & sediment Control	Vegetative swales, aqua pans
18	Number, type, and location of structural BMPs inspected	Erosion & sediment control	2 Developments: Sugar Creek School and CPS
19	Number, type, and location of structural BMPs maintained or improved to function properly	Post construction BMP O & M	Privately maintained and operated

End of the Year Report for Phase II Storm Water Quality Management Plan - 2010			
Programmatic Indicator	Description	BMP Indicator	Results
20	Type and location of nonstructural BMPs utilized	Post construction BMP tracking	Privately maintained and operated
21	Estimated or actual acreage or square footage of open space preserved and mapped in the MS4 area, if applicable	Post construction BMP tracking	30 acre Nature Preserve in the MS4 area
22	Estimated or actual acreage or square footage of pervious and impervious surfaces mapped in the MS4 area	Not applicable	Not applicable
23	Number and location of new retail gasoline outlets or municipal, state, federal, or institutional refueling areas, or outlets or refueling areas that replaced existing tank systems that have installed stormwater BMPs	Not applicable	Not applicable
24	Number and location of MS4 entity facilities that have containment for accidental releases of stored polluting materials	Secondary Containment Maintenance Schedules & Database Chemical Spill Response Liquid Asphalt Storage	There are oil and water separator units installed in both highway garages that connect to sanitary sewer. Secondary containment is used in the Health Dept. and Surveyor's storage closet. Log sheets are filled out and input into an Excel spreadsheet The Highway has purchased oil absorbant pads and rolls, and also spill kits which are in both garages Not enough money in the budget
25	Estimated or actual acreage or square footage, amount, and location where pesticides and fertilizers are applied by a regulated MS4 entity to places where stormwater can be exposed within the MS4 area	Herbicide Management	The County Highway applied herbicides to the road right-of-way to control brush and noxious weeds. 75 sites were treated for mosquito control
26	Estimated or actual linear feet or percentage and location of unvegetated swales and ditches that have an appropriate sized vegetated filter strip	MS4 Conveyance System Maint.	All bridges and large culverts that get replaced the area is stabilized with riprap and erosion control matting
27	Estimated or actual linear feet or percentage and location of MS4 conveyances cleaned or repaired	MS4 Conveyance System Maint.	Approximately 7 miles of routine maintenance on open ditches.
28	Estimated or actual linear feet or percentage and location of roadside shoulders and ditches stabilized, if applicable	MS4 Conveyance System Maint.	All roadside ditches and open ditches are stabilized after work is completed
29	Number and location of stormwater outfall areas remediated from scouring conditions, if applicable	MS4 Conveyance System Maint.	8 locations
30	Number and location of deicing salt and sand storage areas covered or otherwise improved to minimize stormwater exposure	Sand and Salt Management	There are 2 covered barns used for storage
31	Estimated or actual amount, in tons, of salt and sand used for snow and ice control	Sand and Salt Management	120,615 tons of sand and calcium chloride was used and 25,837 tons of salt.
32	Estimated or actual amount of material by weight collected from catch basin, trash rack, or other structural BMP cleaning	MS4 Conveyance System Maint Oil & water separator Catch Basin Inserts Waste Disposal	7073 tons of material collected by side-ditching, berming and/or soft repair reused in the yard or by landowners 1,100 gallons of liquid and 20 gallons of solids picked up by vendor 100 pounds of material removed and reused in dirt stockpile Most of the waste was reused in dirt stockpiles or disposed of in sanitary landfill
33	Estimated or actual amount of material by weight collected from street sweeping, if utilized	Not applicable	The county does not have a street sweeper
34	If applicable, number or percentage and location of canine parks sited at least one hundred fifty (150) feet away from a surface waterbody	Canine Park Location	There are no canine parks in the county