



Rule 13 - MS4 ANNUAL REPORT

State Form 51278 (R6 / 7-12)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:

IDEM Office of Water Quality , Storm Water Program
MS4 Coordinator
100 North Senate Avenue, Room 1255
MC 65-42
Indianapolis, IN 46204-2251
Telephone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access: <http://www.IN.gov/idem/4900>

- NOTE:**
- Annual reports must be submitted to the Indiana Department of Environmental Management. **Failure to submit the annual report is considered noncompliance with your permit.**
 - For the **first five (5)**-year permit term, this completed form must be submitted by 1 year from the SWQMP – Part C submittal date and, thereafter, 1 year from the previous report (i.e., in years two (2) through five (5) of permit coverage).
 - In the **second and subsequent** five (5)-year permit terms, this completed form must be submitted in years two (2) and four (4) of permit coverage.
 - Please type or print in ink.**
 - Please answer all questions thoroughly and return the form by the due date.
 - Return this form and any required attachments to the IDEM Storm Water Program, MS4 Coordinator at the address listed in the box on the upper-right.

Five Year Permit Term	Reporting Year
<input type="checkbox"/> 1st Permit Term	Permit Year <u>12/12-12/20</u>
<input checked="" type="checkbox"/> Second and subsequent five (5) Year Permit Terms	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 MS4s in their first permit term must submit reports annually. MS4s that are in subsequent permit terms must submit in years 2 and 4 of the permit term.

PART A: GENERAL INFORMATION – MS4 OPERATOR

1. Permit Number:	INR 0 4 0 092	Type of MS4:	
2. MS4 Entity:	Terre Haute Co-Permit <i>(Name of permit holder)</i>	<input checked="" type="checkbox"/> City	<input checked="" type="checkbox"/> Non-traditional
		<input checked="" type="checkbox"/> Town	
		<input checked="" type="checkbox"/> County	
3. MS4 Operator:	Debra Padgett		
4. Mailing Address:	Terre Haute Wastewater Utility 3200 South State Road 63 Terre Haute, IN ZIP: 47802 County: VIGO		
5. Email Address:	debbie.padgett@terrehaute.in.gov		

PART B: GENERAL INFORMATION – MS4 COORDINATOR

6. MS4 Coordinator (<i>please print</i>):	Alicia Barnard		
7. Person's Title:	MS4 Coordinator		
8. Mailing Address:	Terre Haute Wastewater Utililty 32000 South State Road 63 Terre Haute, IN ZIP: 47802		
9. Telephone Number:	812-244-5500		
10. E-mail Address:	alicia.barnard@terrehaute.in.gov		

PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name:	<i>(Provide this information if someone other than MS4 Operator or Coordinator completed this report.)</i>		
12. Affiliation with the MS4:			
13. Mailing Address:			
	, IN	ZIP:	
14. Telephone Number:	Extension:		
15. E-mail Address:			

- > **Clabber Girl Corporation**, 900 Wabash Ave., Baking Powder
- > **Danisco**, 11 Litesse Dr., Sweeteners (Terre Haute Wastewater Utility discharge permit #1180)
- > **Elanco**, 1445 S 1st St., Animal Feed Enzymes (Rule 6 facility & Terre Haute Wastewater Utility discharge permit #1127)
- > **Federal Correctional Institution (Unicor)**, 4200 Bureau Rd., Federal Penitentiary with Textile Mill (MS4 permit #INR040138 & Terre Haute Wastewater Utility discharge permit #1103)
- > **Futurex Industries**, 10000 S Carlisle Dr., Sheet Extrusion
- > **Gartland Foundry**, 330 Grant St., Gray & Ductile Iron
- > **GATX Financial Corporation Rail Division**, 4400 Maple Ave. (Rule 6 permit #INRM01725)
- > **GE Aviation**, 333 S 3rd St., Turbine Engine Components (Terre Haute Wastewater Utility discharge permit #1102)
- > **Great Dane Trailers**, 4955 N 13th St., Semi-Trailers (Rule 6 permit #INRM00920 *[expired 2/2/20]*)
- > **Hydrite Chemical Co.**, 2400 S Erie Canal Rd., Chemical Manufacturer (Rule 6 #INRM02401 & Terre Haute Wastewater Utility discharge permit #1107)
- > **Illiana Truck Parts Inc.**, 909 N 25th St., Scrap Yard (Rule 6 permit #INRM00766)
- > **Indiana Railroad Company Van Yard**, 1353 N Fruitridge Ave. (Rule 6 permit #INRM00442)
- > **Irving Materials Inc.**, 5222 E Margaret Dr., Concrete (Rule 6 permit 02245)
- > **Jadcore**, 300 N Fruitridge Ave., Polyethylene Liners/Industrial Plastics Recycler
- > **Jones & Sons Inc.**, 3527 Canal Rd. (Rule 6 permit #INRM02598)
- > **Lenex Steel**, 2325 S 6th St., Steel Fabrication
- > **Meridian Brick LLC**, 5601 E Price Dr., Brick manufacturing, (Rule 6 permit #INRM00657)
- > **Meridian Brick LLC**, Cumminsville Rd. & Cemetery Dr., Brick manufacturing (Rule 6 permit #INRM01913 *[expired 6/3/20]*)
- > **Modern Aluminum Castings**, 1400 N 14th St., Aluminum (*Terre Haute Wastewater Utility will be surveying this facility to determine if a wastewater permit is required during the 2021 calendar year*)
- > **Novelis**, 5901 N 13th St., Aluminum Foil (Terre Haute Wastewater Utility discharge permit #1118)
- > **Paul's Auto Yard Inc.**, 2701 N 25th St., Scrap Yard (Rule 6 permit #INRM02644)
- > **PolyOne**, 3100 N 35th St., Polymers & Colorants (Rule 6 permit #INRM00266)
- > **Reconserve of Indiana Inc.**, 1150 E Harlan Dr., Bakery and Food Waste Recycling (Rule 6 permit #INRM02461)
- > **Reynolds & Company**, 1916 S 25th St., Machine & Parts
- > **Select Genetics**, 380 E Industrial Dr., Turkey Hatchery (Terre Haute Wastewater Utility discharge permit #1132)
- > **Southwest Auto Company Inc.**, 1901 Prairieton Ave., Scrap Yard (Rule 6 permit #INRM02013)
- > **Steel Dynamics Heartland LLC**, 455 Industrial Dr., Cold-Roll Steel Finishing (Rule 6 permit #INRM02481 & Terre Haute Wastewater Utility discharge permit #1119)
- > **Sony DADC**, 1800 N Fruitridge, CD & DVD Production (Terre Haute Wastewater Utility discharge permits #1114)
- > **Taghleef**, 1171 Crawford St., Oriented Polypropylene Film
- > **Terre Haute Bin (Frito Lay)**, 6541 Indiana 42 (Rule 6 permit #INRM00645)
- > **Terre Haute Wilbert Burial Vault Co.**, 509 E Preston St., Vault Company (Rule 6 permit #INRM02410)
- > **ThyssenKrupp Presta**, 1597 E Industrial Dr., Automobile Steering Components
- > **Tredegar**, 3400 Ft Harrison Rd., Plastic Films
- > **United Parcel Service**, 5596 E Margaret Dr. (Rule 6 permit #INRM00531)
- > **Wabash Valley Asphalt**, 400 N 10th St. (Rule 6 permit #INRM00624)
- > **XPO Logistics Freight Inc. XTH**, 3651 N Fruitridge Ave. (Rule 6 permit #INRM01174)

- iv. All facilities with Terre Haute Wastewater Utility discharge permits receive inspection by the City of Terre Haute's Industrial Pretreatment Coordinator/MS4 Coordinator at least one time each year to determine compliance with wastewater and stormwater discharge regulations.

- g) Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial storm water) permits.
- i. IDEM has not required any facility owned and operated by the co-permit group to obtain Rule 6 permit coverage.
- h) Provide a summary of complaints received and follow-up investigation results related to storm water quality issues during this reporting period.
- i. Summary of Stormwater Complaints & Actions during the Reporting Period of 12/01/18 to 12/31/20:
 - › 02/15/19 – Building inspector notified MS4 Coordinator of an unauthorized automotive repair shop being operated in a residential neighborhood in Terre Haute. Inspection was conducted by the MS4 Coordinator, Code Enforcement and the Building Inspector. The property owner was given 10 business days to remove the repair shop, clean the area, and provide proof of proper disposal of automotive fluids.
 - › 03/04/19 – IDEM complaint report #85636, caller reported illegal dumping of chemicals at a local body shop. MS4 Coordinator conducted an inspection and found no issues. All waste manifest paperwork was in order.
 - › 05/01/19 – Seelyville received anonymous report from a resident in Briar Ridge Mobile Home Park stating, “every time they flush the toilet at lot #40 they hear a splash and the smell in the area is unbearable. They have an onsite maintenance man that fixes nothing. They are afraid to say anything in fear of being evicted.” MS4 Coordinator inspected the site then contacted Dianna Peterson at the Indiana State Department of Health (she regulates and inspects mobile home parks).
 - › 05/02/19 – Caller reported stagnant pool water discharged from neighbor at 20 Todd Place into her back yard containing algae, odor, and causing flooding issues. MS4 Coordinator inspected the site then sent a certified letter to the homeowner containing BMP instructions to drain pool water to the street curb so the water can enter curb drain. Homeowner must call potw before starting this process annually.
 - › 06/13/19 – Call from City Code Enforcement stating a sewer overflow was coming from the lateral line cleanout of the Family Video store at 1101 South 25th Street. The MS4 Coordinator inspected the site then contacted the facility’s corporate office at 217-544-2093, to request the District Manager call a plumber for repairs and roto-rooter the line.
 - › 06/18/19 – Report from Karla Frounfelter at IDEM (Incident # 87337). Caller reported “strong smell of sewage from rear of building near ditch, shop floor drains to ditch, and oil barrels stored in livestock trailer leaking to ground.” MS4 Coordinator inspected the site. No sewage odor was detected in the stream, owner contacted hauler to pump out septic tank. Floor drains are connected to the septic tank. Horse trailer housed waste cooling oil, owner contracted disposal and provided copies of receipt for oil & septic tank disposal.
 - › 08/25/19 – the grease trap at a local restaurant overflowed in their parking lot. The MS4 Coordinator was called to inspect. Terre Haute Street Department spread sand on the lot to prevent traffic accidents. Stormwater drains were covered to prevent polluted discharge. The facility hired a contractor to remove the polluted sand and clean the parking lot.
 - › 10/28/19 – Wastewater Utility Director, Debbie Padgett, reported the new Main Lift construction site requires dewatering for the excavation from 10 wells average 10-12 MGD. Wells pulled plume of contaminated ground water on former Tangent Rail property (EPA cleanup site) to Wastewater Utility construction dewatering site and caused a fish kill in IP north lagoon with discharge to Wabash River. Site closed, excavation filled in, POTW working with IDEM and EPA.
 - › 11/08/19 – POTW construction foreman reported oily residue around dome shaped stormwater drain between sidewalk and 16th Street in front of home (violation of Sewer Use Ordinance Sec. 9-135), and excessive trash and auto parts found in right of way (violation of Sewer Use Ordinance Sec. 6-160). MS4 Coordinator inspected the site and sent a certified mail to the deeded homeowner and the current resident requiring they stop dumping waste in the stormwater drain immediately and clean up the right of way within 10 business days.
 - › 11/14/19 – Call received through the City’s 311-phone system stating, “Their neighbor has a suspicious pipe exiting the back of their home at 808 Putnam Street and they have been doing home repairs

without proper city permits.” The MS4 Coordinator and the City’s Building inspector talked to the tenants of the home. They have plans in place to correct the washing machine discharge within the next 7 to 10 days. There were no issues with the repairs that have been made, but future work needs permit or fines will be issued. Follow-up inspection was conducted on 12/02/19 and the washer drain was still coming out of the back of the house. MS4 Coordinator issued a warning via certified mail. The issue was corrected soon after this notice was received.

- › 05/25/20 – Email report received from a citizen concerned about possible water pollution at Fowler Park in Vigo County stating, “An orange was streak seeping from the bottom of the mill into the channel from the mill and the bit of water downstream looked greasy.” The MS4 Coordinator responded that the orange streak on the bank of the waterway is likely iron-rich ground water seepage. That type of ground water is very common along the banks of the Wabash River as well as many smaller streams and creeks in the Wabash valley. It usually does have an odor and, as the bacteria break down the iron, you will see a film on the surface of calm waters.
- › 07/27/20 – Report received from local chemical company. Night operator drained a tank to the drywell at the front of the property instead of draining it to the facility’s treatment system. Facility management tested the contents of the drywell and found it to contain 284.8 ppm of ammonia with a pH of 7.84. Tank volume discharged was approximately 1,800 gallons. Staff pumped the water to the treatment system with a submersible pump. The industry notified IDEM spill response for guidance on proper handling of water that remained in the drywell.
- › 07/29/20 – City Legal Department received a call from a citizen reporting, “His neighbor has built a dam along the property line that causes all of the storm water drainage from the neighbor’s yard to run onto the reporting party’s yard.” The MS4 Coordinator cannot address issues like these. They were advised to look into civil action against the adjacent property owner if they have damages. The Indiana Court of Appeals recites the “common enemy doctrine,” which states “that surface water which does not flow in defined channels is a common enemy and that each landowner may deal with it in such a manner as best suits his own convenience.” The only limit is that the landowner may not collect the water and unleash it all at once; but almost anything short of that is fair game (Ind. Ct. App. Mar. 22, 2018).
- › 08/10/20 – IDEM report (RM 92504) stating, “The neighbor is dumping oil or some other unknown liquid in a subdivision in Riley, Indiana.” Although this area is outside the MS4 urbanized area, the MS4 Coordinator conducted a site inspection and spoke to the concerned parties. No signs of recent illegal dumping were detected and the call seems more like a neighborly dispute. Some old staining was found on the pavement, but there was no definitive evidence that it was caused by the accused and could be from the garbage truck or other sources. The reporter said that another neighbor confronted the suspected polluter and they have not had any new spills for months. MS4 Coordinator provided the caller with the Wastewater Utility contact information and asked that they call, text or email if any more liquid is illegally dumped in the area.
- › 09/16/20 – Received a call through the City’s 311 reporting system stating, “Their neighbor has a camper parked on the street that is letting raw sewage flow freely into the stormwater drain.” MS4 Coordinator conducted a joint inspection with the City’s Code Enforcement Officer and Building inspector. Multiple violation were detected including, illegal business operation, untagged vehicles, illegal dumping, and accumulation of refuse on the property. The owner removed the camper from the site within 24-hours of the inspection.
- › 10/01/20 – Reported by Terre Haute Engineering Department. Contractors mowing Lost Creek for the City of Terre Haute reported oily, reddish liquid in the bottom for the dry creek at the bridge over Lost Creek at 13th Street. The MS4 Coordinator inspected the site and determined the substance was waste fryer oil. Investigation around the stormwater collection system area revealed the source of the oil was the Marine Corp League on 16th Street. Their fryer oil bin was damaged and released the entire contents (250-300 gallons) to the stormwater system. Cleanup was conducted in lieu of fines. The facility hired contractors to remove oil from the stormwater pipes from 16th Street to the 13th Street outfall, remove oil from riprap and stream bottom, remove gravel at spill location, and pressure wash storm drain and pavement.

- › 10/01/20 – Terre Haute Wastewater Utility Sewer crew supervisor reported a broken force main in the private sewer system at Sam’s Club was leaking sewage on the pavement and into the stormwater drain inlet. The POTW used their vac truck to clean and remove wastewater from the pavement in order to keep odors under control until the facility could complete repairs.

i) Other:

- i. The co-permittees have no additional information to report under this Program Management section.

PART E: PUBLIC EDUCATION AND OUTREACH - MINIMUM CONTROL MEASURE

17. Identify the best management practices (BMPs) for public education and outreach included in your Storm Water Quality Management Plan (SWQMP) Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this minimum control measure including timetables and measurable goals during this reporting period.
 - i. The timetables for development and implementation for each BMP of this MCM were completed and measurable goals attained in 2019 but 2020 was lacking due to COVID restrictions. A summary for this reporting period is show below.
 - › Assessment of Public Awareness
 - The MS4 Coordinator administered 86 surveys at St Mary’s Earth day festival in 2019. Refer to [Attachment 2 - Public Survey Analysis](#) for results. Due to COVID, no public events were conducted in 2020.
 - West Terre Haute’s new Street Commissioner is working on a project to create and administer surveys at varying intervals to population of West Terre Haute during the next permit cycle.
 - › Stormwater Quality Brochures
 - Brochures are created and revised as needs change. Our measurable goal is to distribute 500 brochures per year. Approximately 1,500 brochures were distributed in 2019 at a variety of public events including Matter & Motion at IvyTech, Herb Festival, Gardener’s Gathering and Terre Haute Vigo County Fair. Brochures are included in “goody bags” at the Vigo County 5th Grade Conservation Field Days. COVID restrictions limited distribution efforts in 2020.
 - ISU Recycle Center offers printed materials or other promotional items to school groups touring the facility.
 - › Storm Drain Stenciling
 - Our measurable goal is to mark 200 drains per year. Terre Haute installed 1200 QR code markers in 2019 but did not install any in 2020 due to COVID. Rose-Hulman has 103 storm drain marked, any new drains are stamped with the appropriate wording and any drain found with missing markers were replaced. IvyTech has 21 drains that are painted. Seelyville has two drains and both are marked. West Terre Haute has no storm drain markers placed but they plan to acquire markers and install in 2021.
 - › Classroom Education Workshops
 - The 2019 5th grade field days and had an estimated turnout of 1,100 kids from the following schools: Consolidated, Davis Park, Deming, Devaney, Dixie Bee, Farrington Grove, Fayette, Franklin, Fuqua, Hoosier Prairie, Lost Creek, Meadows, Ouabache, Riley, Rio Grande, St. Patrick, Sugar Grove, Terre Town, and West Vigo. The MS4 Coordinator continues to participate in this event, demonstrating the effects of sediment runoff with the rainfall simulator.
 - In 2019, 63 students participated in the Envirothon challenge along with six advisors, and nine volunteers.

- The Seelyville Plant Operator continues to reach out to the younger generation through field days and class visits.
- › Business & Industry Education Program
- Our measurable goal is to hold two presentations per year or provide outreach materials to target groups two times per year.
 - Annual inspections take place at Industrial facilities with regulated discharges to the city's sanitary sewer system. Industrial operators understand that education and training is available from the municipality, if desired. Auto shops, restaurants and dental offices receive targeted information specific to their activities. During this reporting period, the following number of inspections were completed: 394 food service inspections, 39 industrial inspections, 31 dental office inspections, and 30 automotive shop inspections.
- › Public Service Announcements
- Our measurable goal is to have two articles published per year. A minimum of two announcements are made before public events. Examples of published announcements are listed in [Attachment 3 - News Articles, Television Reports, and Event Announcements](#). Some of the education and outreach opportunities for the public include the following:
 - i. Vigo Co. SWCD PHISH group (People Helping to Improve Soil Health) formed in 2020. Members are from Vigo, Clay, Sullivan, and Putnam counties. They held five meetings to plan public outreach and had two training sessions. The Vigo Co. SWCD held Annual Meetings in 2019 and 2020 with roughly 100 people in attendance for both events. Only around 15 attendees were directly associated with storm water quality issues. The SWCD posts on their Facebook and website about opportunities to buy rain barrels through their organization, usually about five times each year.
 - ii. Earth Day at ISU includes live entertainment and educational activities about sustainability.
 - iii. The town of Seelyville mails annual Consumer Confidence Reports about drinking water quality with information about our MS4 group, well abandonment and other concerns regarding water quality.
 - iv. HCVCS recorded all meeting minutes and attendance at all public Board Meetings held in 2018, 2019, & 2020; & kept on file by the District's Attorney; attendance averages about 8 people per meeting. Five attendees for the 2018 publicly noticed Annual Meeting; six attendees for the 2019 publicly noticed Annual Meeting; seven attendees for the 2020 publicly noticed Annual Meeting.
 - v. West Terre Haute Storm Water has its own subsection within monthly town meetings, held: 01/13/2020, 02/10/2020, 05/11/2020, 06/08/2020, 07/13/2020, 08/10/2020, 09/14/2020, 10/13/2020, 11/09/2020, 12/14/2020 (Monthly meetings canceled 03/01/2020 through 05/01/2020 due to COVID 19)
- › Web Sites
- Current websites: <https://stormwaterwatch.com>, terrehautecleanwater.com, terrehaute.in.gov/departments/wastewater-utility/pollution-prevention, www.indstate.edu/university-engagement/sustainability, www.indstate.edu/facilities, www.rose-hulman.edu/about-us/facilities-operations/index.html, <https://seelyville.municipalimpact.com>, <http://www.vigocoswcd.org>
 - West Terre Haute and other entities operate social media pages that can be used for MS4 related information.

- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
 - i. MS4 websites do not get much traffic from the public.
 - ii. COVID affected all of the public education and outreach BMPs during this reporting period.

- c) Describe program BMPs that went beyond those identified in the SWQMP.
 - i. The MS4 continues to use our “Don’t Trash the ‘Bash” coloring t-shirts at public events. The front of the shirt shows rainwater picking up pollutants as it flows to the storm drain in the street in front of a residential home. This product continues to be a real crowd-pleaser, drawing many people to our educational booth at public events. The shirts are available in youth and adult sizes. Participants are asked to complete one of our public stormwater surveys in exchange for the free t-shirt.

- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
 - i. The storm drain markers that are being installed in Terre Haute include a QR Code that links to the stormwater pollution-reporting website. Users can snap a photo of pollution or other drainage issues and report the problem to the MS4 Coordinator instantly. Additionally the site is built to provide education about pollution prevention and the MS4 program.

- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
 - i. It is estimated that the Vigo County SWCD provides education and outreach to more than 3,000 people, annually. They organize the annual Vigo County 5th Grade Conservation Field Days at the fairgrounds, provide educational information at the 4-H Fair and participate in other local events like Earth Day celebrations, Creek Stomp, Enviro-thon, Dobbs Park & Nature Center Fishing Rodeo, Master Gardener’s meetings, and several rain garden presentations. Additionally, the SWCD collaborates with neighboring Vermillion, Clay and Sullivan counties to conducted education events outside our MS4 area.
 - ii. In addition to their participation in numerous public events, ISU Recycle Center offers tours of the recycling facility free of charge to student groups, businesses, clubs, and the public.
 - iii. Partnerships outside of the co-permit group are vital in achieving the goals of the public education and outreach MCM. The MS4 will continue to seek additional partnerships for environmental public education and work to develop a closer relationship with the current constituent list. Meeting our goals relies on partnerships with, or activities completed by, the following persons or organizations:
 - > Vigo County SWCD
 - > Terre Haute Urban Forester
 - > Terre Haute Department of Redevelopment
 - > ISU Institute for Community Sustainability & ISU Recycle Center
 - > Keep Terre Haute Beautiful & Trees Inc.
 - > White Violet Center for Eco-Justice

- f) Other:
 - i. No other items to discuss for this MCM

18. Identify the best management practices for public participation and involvement included in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period.
- i. The timetables for development and implementation for each BMP of this MCM were completed and measurable goals were attained in 2019. Measurable goals for this MCM include recording data including the volume of waste collected at community clean up and recycling events, the number of participants, the number of collection days, keeping the contact list up to date and tracking the number of stormwater related calls (*see 16h of this report for call summary*). COVID restrictions had a negative impact on participation and involvement activities in 2020. A summary for this reporting period is show below.
- › Storm Water Quality Contacts
 - The contact information for each co-permit entity is kept up to date by the MS4 Coordinator and shared with the State, as changes occur.
 - Contact information is included on brochures, surveys, presentations, and other materials.
 - › Community Clean-up Events
 - It is estimated that 200 to 300 people volunteer to help with community cleanup events annually and they collect more than 80 tons of trash and waste materials per year.
 - The City of Terre Haute’s cleanup events in 2019 collected 29.76 tons in the spring and 39.98 tons on the fall. The fall 2020 event collected 18.57 tons (Spring 2020 was cancelled – COVID).
 - ISU has several scheduled community trash pickup days each year.
 - Volunteers pick up trash along the Wabashiki Wetlands in West Terre Haute, annually and the town of West Terre Haute conducted a Town Clean Up Day on 05/30/2020.
 - Ivytech conducted cleanup events on 4/10/19, 11/13/19, 3/18/20 and 11/6/20.
 - › Recycling Programs
 - A one-day household hazardous waste and white goods collection event called Tox-Away Day, occurs annually at the Vigo County fairgrounds. In 2019, the event had 312 participants and collected 12,740 pounds of whitegoods, 610 gallons of oil/automotive fluids, 195 gallons of antifreeze, 5,375 pounds of chemicals, and 4,235 pounds of oil based paints. In 2020, they recorded 270 participants delivering 9,840 pounds of white goods, 450 gallons of oil/automotive fluids, 165 gallons of antifreeze, 4,852 pounds of chemicals, and 4,010 pounds of oil based paints.
 - The Vigo County Solid Waste Management District is open Monday through Friday from 8:00 to 3:30 for drive through drop off recyclables (closed on holidays). They collected 62.096 tons of materials in 2019 and 112.6 tons in 2020. They were closed in March and May of 2020. The 2020 increase is likely due to ISU closing for COVID. They also hold several e-waste collection days. In 2019, they collected 22,236 pounds of electronic waste at six events. In 2020, they collected 52,965 pounds at eight events. They will be increasing collections 12 per year starting in 2021.
 - Vigo Co. SWCD has two recycling bins located outside of their building open for public disposal of recyclable goods.
 - April is Tire Amnesty Days in Vigo County. The Vigo County Health Department collected 6,519 tires in 2019 and 4,815 tires in 2020.

- West Terre Haute’s recycling dumpsters are open to the public and are filled to capacity 2 times per week.
 - The ISU Recycle Center was closed to the public beginning March 25, 2020 due to COVID-19 and has remained closed throughout the end of the fiscal year ending June 30, 2020. Overall recycle collection decreased by 38.4% from the previous year with 1,562,477 pounds received from the ISU drive through facility and the ISU Campus combined.
 - Rose-Hulman campus recycling is conducted during normal business hours. Education and outreach occur throughout the year with events and competitions between residence halls, class projects, and general notifications.
 - Ivy Tech uses separate bins provided by Republic Services for recycling.
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
- i. COVID impacted this BMP in 2020
- c) Describe program BMPs that went beyond those identified in the SWQMP.
- i. Nothing new to report
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
- i. Nothing new to report
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
- i. One new item for this reporting period - Vigo Co. SWCD has collaborated with newly formed group “PHISH” which focuses on soil health (*see Public Service Announcements in 17a for details*).
- f) Other:
- i. None

PART G: ILLICIT DISCHARGE DETECTION AND ELIMINATION - MINIMUM CONTROL MEASURE

19. Identify the best management practices for illicit discharge detection and elimination (IDDE) included in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period (mapping, screening, etc.).
- i. The timetables for development and implementation for each BMP of this MCM were completed and measurable goals attained. Measurable Goals include recording the linear feet or percentage of conveyance and outfalls mapped, the number and location of outfalls screened, the number and location of illicit discharges detected, and identifying industrial facilities. A summary for this reporting period is show below.
 - › Illicit Discharge Detection and Elimination
 - The most urbanized drainage channel in the MS4 area is Thompson Ditch. Thompson Ditch and the urbanized area along Lost Creek in North Terre Haute are screened once per permit period with the last inspection occurring in May of 2018 on Thompson Ditch and in October of 2018 on Lost Creek. No illicit discharges were detected during this screening.
 - The County Surveyor’s office conducts Annual Ditch Inspections and prepares written reports with images, notes and comments for all of the regulated drains.

- City and County employees are trained to recognize and report any signs of illicit discharge they may encounter while performing their daily activities.
- West Terre Haute inspects stormwater flap gates.
- With the help of the community and employees, the Town of Seelyville investigates reports suspected illicit discharges.
- Rose-Hulman's preventative maintenance is conducted and documented and the EHS staff routinely checks for issues including illicit discharges and erosion.
- IvyTech cleans and inspects storm drains monthly including the drainage pipes that outfall to their retention pond.

› Storm Sewer System Map

- Conveyance and outfall mapping was complete in December 2010. Nearly 14,000,000 linear feet of MS4 conveyances were mapped countywide. This includes the river and all of the lakes and streams, but not roadside ditches, curbs or gutters.
- The City of Terre Haute mapped 180 outfalls on Thompson Ditch and Lost Creek.
- Rose-Hulman has mapped all campus storm conveyance and outfalls. Updates are completed as changes are made to the conveyance system.
- IvyTech maintains mapping of all storm sewer locations and discharge points.
- West Terre Haute is developing a GIS Program for town to include storm water drains, illicit discharge potentials and location of lines. They have four flap gates that open to the wetland side of the levee.
- Honey Creek Vigo Conservation has 100% of the MS4 conveyance mapped in GIS. Outfalls have also been mapped.
- The County does not own and operate any qualifying systems that fall within the requirements. The majority of their system is made up of small ditching networks. Culvert pipes passing under county roads are mapped.

› Identification of Active Industrial facilities

- MS4 Coordinator updates list with the Wastewater Utility Industrial Pretreatment Coordinator and IDEM's Rule 6 Permits Coordinator prior to each biennial report. This information can be found in section 16 f of this report.
- City Engineer's office can add or remove industrial facilities to ArcGIS layers upon request.
- West Terre Haute has Identification of facilities as part of GIS program implementation.

- b) Describe implementation problems encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.
- i. There have been no implementation problems.
- c) Identify changes made to the IDDE Plan during this reporting period, if applicable.
- i. No changes to the IDDE Plan during this reporting period.
- d) Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.
- i. No updates or revisions to report.
- e) Describe level of mapping and screening completed to date. If there are unmapped or unscreened outfalls, provide a plan and a timetable for completion.
- i. The MS4 uses a GIS based map with regional map overlays. Mapping does not include private or mutual drains, yard swales that are not maintained by the MS4, or curbs and gutters. All known outfall conveyances with a pipe diameter of 12" or larger and open ditches with a 24" or larger

bottom width were mapped with GPS collection methods at or better than plus or minus 5 meters of accuracy.

- ii. The Town of Seelyville has purchased a GPS mapping system and is working toward updating mapping by the summer of 2021.
 - iii. Conveyance and outfall future mapping will include the New Academic Building at Rose-Hulman, which is scheduled to be completed late summer of 2021.
- f) Other:
- i. No additional information available for this MCM

PART H: CONSTRUCTION SITE STORM WATER RUN-OFF CONTROL - MINIMUM CONTROL MEASURE

20. List the best management practices for the construction site storm water run-off program identified in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period.
 - i. The timetables for development and implementation for each BMP of this MCM were completed and most measurable goals attained. Measurable goals include tracking the number type and location of BMPs installed, the number of training sessions, the number of plan reviews, resubmittals and approvals, the number of inspections, and the types of enforcement actions taken. A summary for this reporting period is show below.
 - > Construction Site Runoff Control
 - Temporary and permanent structural BMPs typically installed in this area include construction entrances, stream crossings, diversion structures, inlet protection, slope drains, sediment ponds, rock-lined and grass-lined channels, catch basins and drywells. Specific details are available upon request thru their offices. City of Terre Haute has recorded the installation of 360 structural BMPs during this reporting period. The latest edition of the Indiana Storm Water Quality Manual is the technical reference used by the MS4. All contractors are required to comply with the Indiana Storm Water Quality Manual. Ongoing maintenance and improvement is required of all BMPs throughout the construction process to ensure water quality is not compromised.
 - Vigo Country SWCD created document titled Project BMP Tracking that has all reporting for end of 2018 to 2020. Vigo Co. sites have installed various BMPs utilized such as silt fencing/straw wattles, inlet/outlet protection, dewatering devices, seeding, washout stations, etc.
 - In July 2020, Rose Hulman installed West of KIC Aqua Swirl to improve function of SW system. Rose Hulman also introduced Inlet protection in the form of straw matting, perimeter damming, and dandy bags are utilized within construction areas to control runoff.
 - West Terre Haute controls runoff control for new construction by inspection by MS4 personnel, when applicable.
 - > Construction EPSC Training
 - West Terre Haute has one MS4 certification held by a town employee named Jim Crowley. Current Street Commissioner Stephanie Stephens is planning to obtain licensing as soon as possible.
 - Members of the City Engineering Department, The Vigo County SWCD and the MS4 Group Coordinator all completed the NPDES MS4 Compliance and Enforcement training on September 20, 2019.

- Rose Hulman requires that all contractors comply with the Indiana Storm Water Quality Manual regardless of project footprint. Rose-Hulman maintains a good relationship and understanding with our contractors. EHS conducts frequent inspections during projects and communicates any shortcomings to the contractor who must perform abatement. Contractors provide training for their employees that outlines expectations that concern illicit discharges and MS4 activities.
- › Plan Review
 - Plan review training is achieved thru participation in annual IDEM meetings, Road School, webinars, on-site inspections with State Regulators, and training sessions presented by neighboring MS4 entities.
 - › Inspection
 - Terre Haute conducted 50 inspections.
 - Vigo Co SWCD conducted 51 inspections. Vigo Co. SWCD requires contractors have a hired site inspector that will routinely survey the site for any BMP issues after any rainfall event of 0.5 in or greater.
 - Rose-Hulman and ISU both have their own inspectors that walk the sites weekly to communicate any shortcomings to the contractor. In 2019, Rose-Hulman conducted 45 inspections, including 16 inspections with issues to correct and in 2020, 50 inspections including 17 inspections with issues to correct.
 - › Enforcement
 - Escalating enforcement actions are based on the severity of the infraction and efforts to comply. Actions may include a verbal warning, a written warning, a written Notice of Non-Compliance, a Stop Work Order, or revocation of the site's building permit. Additional enforcement actions may include Injunctive Relief, Compensatory Action, and/or Civil Penalty.
 - In West Terre Haute, the town attorney is currently reviewing adoption of county enforcement and steps needed to finalize.
- b) Describe program implementation partnerships and explain successes and barriers during this reporting period.
- i. The MOU with VCSWCD was renewed on August 8, 2018 and the MOU with City Engineer was renewed on August 7, 2018.
- c) Identify the number of construction sites permitted during this reporting period and identify the number and type of enforcement actions taken against construction site operators during the same period.
- i. The City completed 107 reviews with no required resubmittals. They issued 90 approvals.
 - ii. The County completed 37 SWPPPs with five that needed resubmittal before approval.
 - iii. Vigo Co. SWCD had one issue with the Main Lift Station project that needed early release from its Rule 5 permit. Other problems occurred with various issues the pandemic caused.
 - iv. The Town of Seelyville collaborated on the recent construction of the Casey's Gas Station to ensure continued storm water run-off compliance.
 - v. There has been no need to continue enforcement efforts after verbal notification of deficiencies. Contractors have been prompt with their corrective actions.
- d) Identify the number and types of training opportunities that were provided to contractors, developers and builders during this reporting period.
- i. The MS4 typically hosts one erosion control workshop annually. Due to competition for spring workshop attendees from neighboring MS4 communities, the Terre Haute co-permit group opted to move our annual training event to the fall of each year during the previous reporting period. This move resulted in a decline in participation. We were making the transition back to spring training when COVID hit our area and led to an inability to conduct in-person training

events. We encouraged plan reviewers, inspectors, contractors and plan preparers to seek additional training opportunities and certifications such as those offered through EnviroCert or other online programs.

- e) MS4 personnel responsible for plan review, inspection and enforcement of construction activities shall receive, at a minimum, annual training addressing appropriate control measures, inspection protocol and enforcement procedures. Identify training provided to MS4 personnel responsible for these activities during this reporting period.
 - i. In addition to the training provided by the MS4, the plan reviewers/inspectors attend the LTAP Stormwater Drainage Conference, the MS4 Annual Meetings, INDOT Road School, stormwater webinars, Hoosier River Watch, Clay Co. Contractors Breakfast, IASWCD Annual Conferences and other events, when offered. COVID restrictions limited many of these in-person training events during this reporting period.
- f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.
 - i. No new revisions to report.
- g) Other:
 - i. The City has purchased new software which will be used for tracking plan review, permitting, and conducting inspections electronically.

PART I: POST-CONSTRUCTION STORM WATER RUN-OFF CONTROL - MINIMUM CONTROL MEASURE

21. List the BMPs for post-construction storm water run-off control identified in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP in the SWQMP including timetables and measurable goals during this reporting period.
 - i. The timetables for development and implementation for each BMP of this MCM were completed and measurable goals attained. The measurable goals include recording the location and descriptions of structural BMPs, and tracking inspections, improvements and maintenance. A summary for this reporting period is show below.
 - › Post-Construction Storm Water Quality Control
 - Information regarding the number, type and location of structural and non-structural BMPs installed, inspected, maintained or improved to function properly is maintained by the City and County Engineers office. Specific details are available upon request thru the engineer's office.
 - Vigo County utilized street sweeping and truck washing as the two primary forms of non-structural BMPs.
 - Indiana State, in an effort to reduce the number of maintenance items in each zone, has been converting some large plant beds back to turf with more maintenance friendly plantings. The Hines Hall Project was to extend the sidewalk to minimize wear and tear from utility vehicles and improve drainage. This is one of three hardscape and paver projects completed this year related to drainage issues. The other two were at the Theatre Project and the main paver path between the Fountain and the Quad.
 - The number of storm water wetlands, wet ponds and bio-retention cells in the county, the type of structure and/or wetland, structure size and the number of acres drained by them:
 - i. Cottage Condos PHIII - Wet Pond - 3.9 Acres, Terre Vista Glen - Wet Pond - 6.6 Acres, The Woods on Sidenbender - Wet Pond - 2.4 Acres.

Additional information may be determined by the City or County Engineer's office by reviewing submitted plans, as-built drawings, GIS information or map overlays, upon request.

- ii. In West Terre Haute, the Wabashiki Wetlands is a 2,600-acre wetland fed by two retention ponds located in West Terre Haute. One drains directly to Wetlands (North) and the other (South) drains to Sugar Creek on 40.

- The number of grass swells installed, their length and the number of acres drained by them.

- i. Sycamore Crossings Road (City Project) - 170 LF - 0.25 Acres drained

) Operational and Maintenance Plan for Structural Storm Water BMPs

- Post construction operation and maintenance plan must be submitted with the SWPPP and a notarized maintenance agreement. BMPs must be from a preapproved list in the Standards & Specifications document.
- The Standards and Specifications document will be updated as necessary to include new information and remove outdated or ineffective BMPs from the preapproved list.
- The MS4 has not detected nor been notified of any post-construction structural BMP malfunctioning after installation.

- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility during this reporting period.

- i. None

- c) Describe program implementation partnerships and explain successes and barriers.

- i. The Vigo County SWCD and the City of Terre Haute Engineering Department are responsible for the review and final approval of post-construction storm water quality control plans. Post construction BMPs shall be inspected and maintained in good condition by the owner, in accordance with the Terre Haute Standards and Specifications, the Indiana Storm Water Quality Manual, and/or the post construction operations and maintenance manual to provide the intended storm water quality benefits. Following construction completion, maintenance of BMPs shall be the long-term responsibility of the facility's owner. The Authorized Enforcement Agency has the authority to perform long-term, post construction inspection of all public or privately owned BMPs. Additionally, each permit entity is responsible for the inspection and enforcement of post-construction BMPs in their jurisdiction. If the City or County believes these inspections are unsatisfactory, they reserve the right to inspect and enforce the ordinance as they see fit.

- d) MS4 area personnel responsible for implementation of the post-construction minimum control measure shall receive, at a minimum, annual training. Identify training provided for this minimum control measure during this reporting period.

- i. The post-construction topic is a training aspect of the Vigo County Erosion and Sediment Control annual training event, IDEM annual meetings and other training events that MS4 personnel attend. (COVID restrictions limited in-person events in 2020)

- e) Identify updates or revisions to the post-construction storm water ordinance or other regulatory mechanism made during this reporting periods.

- i. None

- f) Other:

- i. No additional items to discuss for this MCM

22. List the best management practices for municipal operations pollution prevention and good housekeeping identified in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP in the SWQMP including timetables and measurable goals during this reporting period.
- i. The timetables for development and implementation for each BMP of this MCM were completed and most measurable goals were attained. Measurable goals include tracking linear feet or percentage and location of MS4 conveyance cleaned and repaired, volume of material collected from cleaning, number and location of outfalls remediated from scouring conditions, tracking fertilizer and pesticide application and other municipal operation SWPPP activities. COVID restrictions limited most person-to-person contact in 2020.
 - › The BMPs of our SWPPP are listed as Storm Water Systems/BMP Cleaning, Street Sweeping, Remediation of Outfall Scouring Conditions, Materials Storage, Spill Prevention and Response, Vehicle and Equipment Maintenance, Vehicle Washing, Pesticide and Fertilizer Use, Recycling and Disposal, and Flood Management Projects. A summary for this reporting period is show below.
 - Each of the inlets and catch basins in the Terre Haute Sanitary District are cleaned 20-25 times every year by the Wastewater Utility Collections Department. The sanitary district has 383 miles of sanitary sewer, 87 miles of storm sewer and 156 miles of combined sewer. Terre Haute Street Department sweeps approximately 700 curb miles of streets. They provide the MS4 Coordinator with daily street sweeping reports listing which streets were swept, washout locations and estimated cubic yards of materials collected per day. The street sweepings and inlet and catch basin cleanings collected total nearly 3,000 tons of landfilled material annually.
 - West Terre Haute implemented regular housekeeping checks and cleaning. They maintained leak prevention and containment vessels and only used environmentally certified on-site fluid disposal contractors for removal of waste (Oil, Equipment Fluids, etc.). West Terre Haute has a materials storage program implemented to assure that all materials with potential to enter storm drain have both passive and responsive measures. All liquids are within containment units and have leak/spill clean-up kits accessible nearby. The only exception is outside diesel fuel storage tank (400 gallon) which has plans to be placed in containment unit in the spring. They schedule street sweeping four to 8 times a month. West Terre Haute recycled 110 gallons of oil and 15 oil filers in 2020. In West Terre Haute, the municipality uses no fertilizers. They do have limited pesticide use in areas least likely to end up in storm drain. Storage of pesticides only to be at 500 W National in proper containment area. West Terre Haute has sand in a covered building that is used to provide grit on slick spots. If salt mix is needed, they have their distribution trucks loaded at the County garage. West Terre has contracted with Castle Carwash for vehicle washing needs.
 - The Town of Seelyville strives to maintain Best Management Practices, continues indoor salt storage program, and utilizes concrete barrier walls for storage piles in order to prevent run-off. After regular inspection of our storm management system, the Town replaced 80 feet of pipe within their storm water area. New employees have been trained on emergency spill kits and their locations.
 - ISU has a salt storage building on campus that allows for mixing and loading under a roof inside the building. At Indiana State University, all turf on the main campus is mowed in-house. Surplus properties are mowed through a contract

service. Campus turf is managed organically, except for a small percentage of herbicide treatment for invasive weeds. Grounds maintain all recreational sports athletic fields and the non-playing field areas of intercollegiate athletics facilities. Repair of all campus fence installations are also maintained and coordinated. The ISU Campus was involved in the national RecycleMania 2020 competition, which was a ten-week period from January 19, 2020 through March 28, 2020. The total amount of recycle material collected during the period from campus was 51,861 pounds. This is a 28% decrease in materials collected compared to the previous.

- At Rose-Hulman employees within the facilities shop wash bay that is equipped with a catch basin and oil water separator wash vehicles and equipment. Management reviews variances with this procedure. Rose recycled 110 gallons of used anti-freeze, 495 gallons of used oil and (3) 55 gallon drums of oily absorbents which include oil filters. They installed inlet protection near the Student Union where liquids and waste have a potential to enter the stormwater system from the food service dumpsters. The inlet protection is inspected regularly and is replaced annually. Street sweeping is conducted twice each year, and is usually scheduled the week of Homecoming and Commencement. Daily and weekly cleaning occurs by mechanically blowing debris collecting in campus roadways back into surrounding lawns. Rose collected approximately 1,200 pounds of material in 2019 and approximately 1,000 pounds of debris in 2020 from street sweeping efforts. Rose has bulk ice melt utilized on campus stored at the Hulman Farm grounds shop under a covered area to minimize stormwater exposure. Facilities, Grounds, Custodial, and Lab Technicians are provided training annually within the reporting period. Spill kits are located a fueling and oil storage areas. At Rose Hulman Fertilizer and pesticides are applied to roughly 30 acers of campus. These materials are stored within the Grounds Services Shop. Pesticides and Fertilizers are applied, handled, and stored in accordance with The Office of the Indiana State Chemist guidance requirements. Rose Hulman Campus Recycling has collected the following approximate amount material for recycling. 2019 – E-scrap 8,924 pounds, Batteries 2,042 pounds, Scrap Metal 47,860 pounds, Cardboard and other Recyclables (aluminum, paper, plastics) 50.54 tons. 2020 – E-scrap 6,822 pounds, Batteries 1,214 pounds, Scrap Metal 75,450 pounds, Cardboard and other Recyclables (aluminum, paper, plastics) 73.86 tons.
 - The MS4 group is continuing to remind fire departments that they cannot discharge soapy water to the storm drainage system.
 - Some MS4 entity members are a part of the area-planning group. They will suggest and promote the installation and use of pollution prevention devices, where applicable. Additionally, new projects must meet the requirements of the construction & post-construction ordinances. BMP practices installed include seed, mulch, erosion protection, flap-gate maintenance, new drainage pipes, etc.
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility as it relates to pollution prevention and good housekeeping at MS4 owned and operated facilities during this reporting period.
- i. COVID restrictions caused issues with face-to-face training opportunities.
- c) Identify stormwater BMPs installed or initiated at MS4 owned and operated facilities.
- i. Chemical inventories are maintained by each facility. Generalized material inventories are part of the site specific SWPPPs. All materials are stored in a manner that prevents the accidental contamination of storm water. Storage facilities are constructed or retrofitted to protect

materials for exposure to precipitation and runoff. Secondary containment is used inside and outside the facilities.

- ii. The majority of the hazardous waste in the MS4 is from universities. All waste is properly managed and documented. Specific amounts of hazardous materials are maintained by each entity.
 - iii. All deicing materials are protected from the weather. Stockpiles of materials are contained in appropriate storage buildings. Bagged materials are kept on pallets, shelves or impervious surfaces away from rainwater and snow melt.
 - iv. The fueling areas at municipal facilities include secondary containment or double walled tanks. All fueling areas have spill cleanup materials nearby. The use of secondary containment trays and pans at all facilities continues to be strongly encouraged.
 - v. Some City and County departments have indoor wash bays others use commercial facilities. West Terre Haute and Seelyville use commercial facilities. ISU, Rose-Hulman and IvyTech all have indoor wash bays with floor drains tied to oil water separators.
 - vi. Vehicles and equipment are kept on regular maintenance schedules to check for and repair any leaks that may develop promptly.
 - vii. All municipal facilities with runoff control plans conduct periodic self-inspections.
- d) Identify and describe appropriate storm water training provided to MS4 employees. Employees are required to have a minimum training once per year.
- i. Personnel responsible for the application of chemicals in public areas like golf courses are certified applicators with the office of the Indiana State Chemist and they receive annual training. Other personnel using over-the-counter weed killer or other similar products receive more generalized training on proper handling use and disposal. Each facility is responsible for their own equipment calibration and application tracking records.
 - ii. All personnel involved with maintenance, fueling, material handling and storage, grounds keeping, and other similar jobs where pollutants may meet stormwater receive training with periodic refresher courses. In most cases, general training for employees responsible for material storage includes walking thru the facility with the employees taking time to point out and discuss proper storage procedures. Additional training utilized has included web-based videos, DVDs, or printed materials.
- e) Other:
- i. The MS4 Coordinator conducted annual inspections at the MS4 owned and operated facilities that have a potential to pollute stormwater in 2019 and 2020 and provided printed training materials.
 - ii. The Coordinator plans to update/streamline the site-specific pollution prevention plans before the next permit period begins.

PART K: CERTIFICATION AND SIGNATURE

The individual listed in "PART A: GENERAL INFORMATION – MS4 OPERATOR" must sign the following certification statement:

"By signing this annual report, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Type or Print Name: Debra Padgett

Signature: Debra Padgett

03/26/2021
(mm/dd/yyyy)

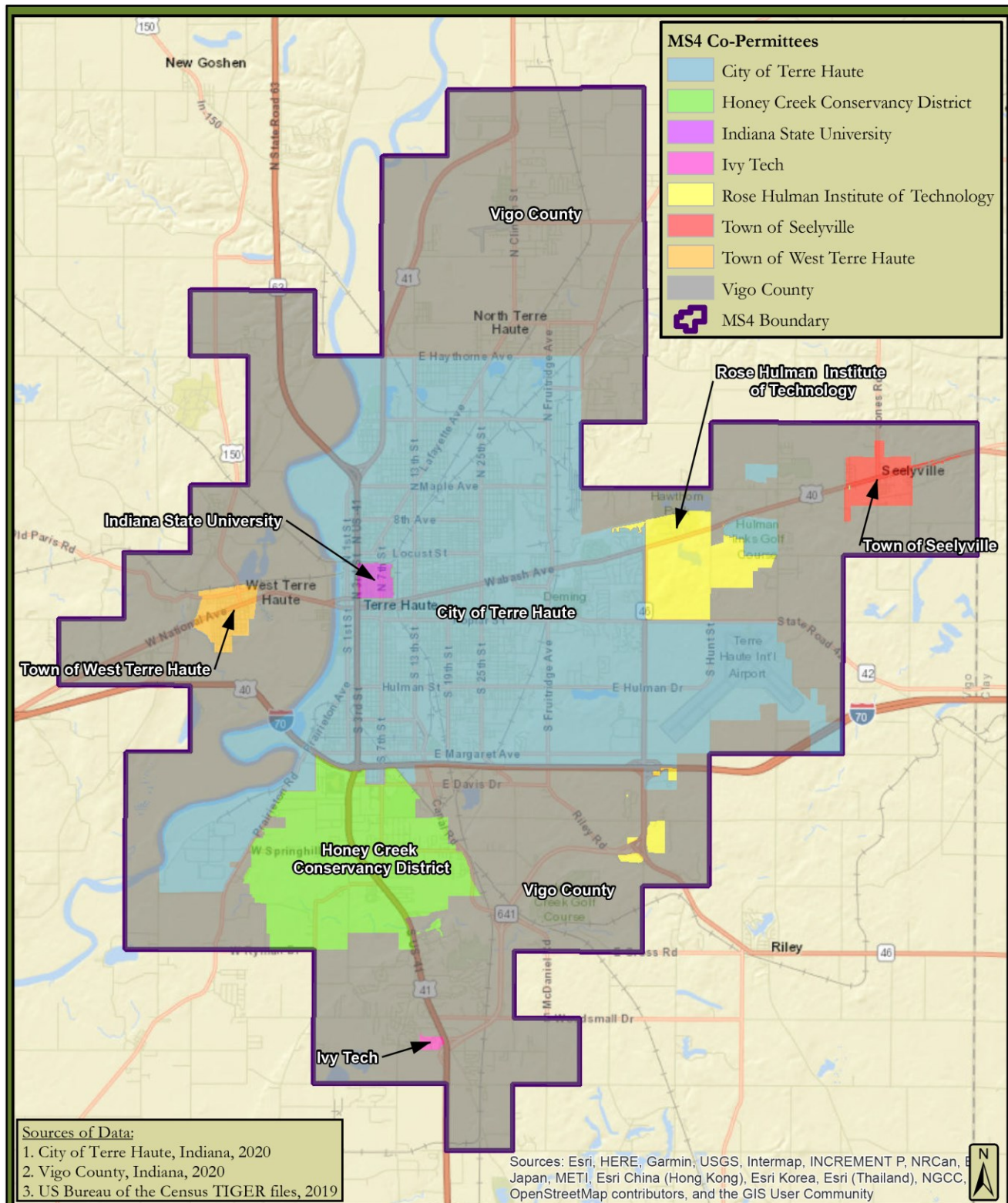
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Attachment 1 - Current Map of MS4 Boundary Areas



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 115 West Washington Street
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 (t) 317.266.8000 (f) 317.632.3306

PROJECT: SWQMP - Part C Updates
TITLE: MS4 Boundary

PROJECT NO. 18-0350
APPROX. SCALE 1"=10,000'
DATE: 05/2020
EXHIBIT 1

86 surveys administered at St Mary's Earth Day, April 27, 2019 Storm Water Quality Awareness Survey Results

Please answer the following questions by checking the appropriate box next to each question. Thank you!

1. The Clean Water Coalition should place the following level of importance on addressing storm water pollution problems:

High (41/72%) Moderate (15/26%) Low (0/0%)

2. What is the largest source of storm water pollution in Indiana?

Industrial Waste (7/12%)
 Sediment (suspended dirt particles) (10/18%)
 Pesticides & herbicides (18/32%)
 I am not sure (24/42%)



3. A watershed is:

A swamp or marshy area (4/7%)
 A large flooding event (4/7%)
 An area of land that drains to a common point (49/86%)



4. Where does the stormwater that enters a storm drainage system go?

Straight to the creek (20/35%)
 To the wastewater treatment plant (23/40%)
 Into the ground (6/11%)
 I am not sure (10/18%)

5. Muddy water from construction sites can seriously affect the health of a stream.

True (49/86%) False (1/2%) I am not sure (6/11%)

6. Allowing grass clippings, oil, detergent or other substances to enter the storm sewer system can harm fish and other aquatic life.

True (55/96%) False (1/2%) I am not sure (2/4%)

7. The state and federal government provide funding assistance to help cities and towns comply with costly storm water programs.

True (20/35%) False (13/23%) I am not sure (24/42%)

8. I would describe my level of awareness of the local programs for recycling and used oil/toxic waste drop off as:

Unaware (12/21%) Somewhat aware (37/65%) Well informed (8/14%)



9. I would describe my participation in recycling and toxic waste drop-off programs as:

Rare to never (10/18%) Moderate (33/58%) Frequent (14/25%)

10. If I had more information about pollution prevention and recycling programs I would participate:

No more (2/4%) A little more (31/54%) A lot more (24/42%)

11. How much money would you be willing to spend each month for local programs to reduce pollution and improve waterways?

\$1 - \$3 (22/39%) \$4 - \$6 (17/30%) \$7 - \$9 (12/21%) None (5/9%)

Attachment 3 - News Articles, Television Reports, and Event Announcements

2/5/2019	Local college receives recognition as sustainable campus	WTHI-TV
4/17/2019	ISU gets a head start of Earth Day celebrations	WTHI-TV
6/14/2019	Filtration plant expected to improve West Terre Haute water quality	WTWO/WAWV
6/31/2019	Group presents plan to improve Otter Creek Watershed	Tribune Star
8/4/2019	ISU receives STARS silver rating for sustainability efforts	Tribune Star
7/31/2019	Group presents plan to improve Otter Creek Watershed	Tribune Star
9/12/2019	Vigo County 5th graders learn how to better take care of the environment in field trip	WTHI-TV
9/26/2019	Wabash Valley kids explore the Wabash River	WTHI-TV
10/9/2019	Cleanup crews' hard work deserves crackdown on illegal dumping	Tribune Star
10/13/2019	ISU to offer new sustainable cities program in August 2020	WTHI-TV
11/26/2019	Qihao Weng selected as fellow of American Association for the Advancement of Science	ISU Today
1/5/2020	Wabash River blessed by local church	WTHI-TV
1/25/2020	Mark Bennett: Healthy Rivers Initiative a highlight of former governor's legacy	Tribune Star
1/30/2020	Riverscape celebrates 10 years of Healthy River Initiative	WTHI-TV
2/13/2020	Mark Bennett: A healthy river improves life along Wabash and beyond	Tribune Star
3/8/2020	Volunteers come together to clean up Terre Haute	WTHI-TV
5/6/2020	Terre Haute gets \$300,000 grant from EPA	Tribune Star
5/6/2020	Several Wabash Valley communities receive EPA money to clean contaminated properties	WTHI-TV
5/7/2020	Vigo County tire amnesty program starts Monday	Tribune Star
5/16/2020	Volunteers clean up downtown Terre Haute	WTHI-TV
6/8/2020	Grant to improve soil conservation practices in Indiana	WTHI-TV
7/3/2020	Old junkyard becomes home to pollinator habitat in Indiana	AP
7/9/2020	Tips to conserve water and save money during the Summer months	WTHI-TV
9/16/2020	Vigo County natural resources topic of Sept. 24 event	Tribune Star
10/2/2020	Some water wells may be close to drying out	WTHI-TV
10/3/2020	City of Terre Haute completes their semi-annual clean-up	WTWO/WAWV
10/6/2020	Duke Energy awards \$235K in environmental grants	Tribune Star
10/11/2020	Wabashiki Fish and Wildlife Area will be making some changes	WTHI-TV
11/7/2020	Woods students, volunteers brave strong winds to clean up WTH Wetlands	Tribune Star
12/6/2020	Mike Lunsford: The 'scared space' of the wetlands	Tribune Star
12/6/2020	ISU coach leads cleanup of Wabashiki	Tribune Star