



Wayne County, Michigan

First Annual Report

**Certificate of Coverage MIG610040
General Storm Water Discharge Permit
(MIG610000)**

Submitted to:

**State of Michigan Department of Environmental Quality
Surface Water Quality Division**

June 30, 2000

WAYNE COUNTY
ILLICIT DISCHARGE ELIMINATION PLAN
SUMMARY OF ACTIVITIES

The following Illicit Discharge Elimination Plan (IDEP) activities were completed by Wayne County in compliance with the County's General Storm Water Permit for the time period January 1, 1999 – April 30, 2000.

GENERAL ACTIVITIES (SECTION 7.1.1)

Pollution Complaint Reporting System (County-wide) (IDEP #1):

24 Hour Hot Line/Complaint Response: The Compliance and Public Affairs (CPA) Division of the Wayne County Department of Environment (WCDOE) continues to maintain a telephone "hotline" (888-223-2363) to log and coordinate response to environmental concerns and information requests of all types. Complaints are also received directly by all DOE divisions. During the reporting period, over eight hundred fifty (850) calls were handled through the hotline. In total, WCDOE received and responded to over *two thousand six-hundred (2,600)* complaints or inquiries involving air, land or water pollution concerns. Of this total, at least ninety (90) involved surface water quality and/or soil erosion complaints. Investigation of *three (3)* of these complaints resulted in the elimination of significant sanitary sewer overflows (SSOs) in the Rouge River watershed. A summary of calls received by WCDOE is provided in the *IDEP Appendix #1, Tab #1*.

Response to Emergency Spills, Etc.: Wayne County continued to assist with investigations of major spills, fish kills, and other "emergency" water quality issues in both County Drains and waters of the State. During the reporting period, Watershed Management Division (WMD) staff were involved in two (2) diesel fuel spills. The first involved a two thousand two-hundred (2,200) gallon spill into the Lower Rouge River. The second involved a spill into the Middle Rouge River. On four occasions WMD staff verified color changes (twice blue, twice red) to the Lower Rouge River as being caused by non-toxic dye releases from a paper manufacturing plant discharging to the Ypsilanti Communities Utility Authority (YCUA) wastewater treatment plant.

Coordinate Complaint Response: WCDOE continued efforts to improve complaint reporting, response and tracking by County departments and between the County and local communities. A variety of products were produced to promote and advertise the Environmental Hotline number including magnets; brochures in English, Arabic and Spanish; and public service announcements (PSAs) via cable TV public access channels (cross-reference PEP Activity #1).

In 1999, at the direction of WMD, the Rouge Program Office demonstrated and offered three (3) technical training sessions on the use of the two computer tools developed to assist with complaint response coordination, "IDEP Tracking Application" and the "Rouge Dataview CD". Over fifty (50) staff from the Rouge watershed communities and agencies attended the free training sessions (cross-reference PEP Activity #3). The intent of the "IDEP Application" is to facilitate the efforts of communities and agencies in tracking and reporting illicit discharge complaints and investigations. By offering and encouraging the use of a consistent tracking

database system, it is anticipated that coordination of the referral, follow-up and eventual elimination of illicit discharges will be more efficient and effective.

Internally, WCDOE is in the process of integrating the IDEP Tracking Application into the operations of all its divisions and establishing the network of staff to more efficiently refer complaint investigations between divisions and more effectively track and resolve all complaints and reported illicit discharges.

Illicit Discharge Detection Workshops (Rouge Watershed) (IDEP #2):

Beginning in 1999, the Watershed Management Division initiated a program designed to provide training for county and local community staff responsible for locating and eliminating illicit discharges to surface waters. The training program consists of four (4) modules: (A) Overview, (B) Basic Investigations, (C) Design Considerations, and (D) Advanced Investigations. Development included conceptualization, structure, format, key messages, examination, and certificate of successful completion. Our 12 years of experience with administering an illicit connection detection and elimination program were coupled with anticipated abilities / needs of local communities in designing the program. After Wayne County Watershed Management Division staff devised the draft program for each module, we solicited input from an “ad-hoc” review committee consisting of community, state, and county representatives. This committee reviewed the training program objectives and content to ensure that the program for each module was as beneficial as possible to all types of storm water management agencies. Wayne County’s Illicit Connection/Discharge Elimination Training Program includes presentations of technical information, “hands on” instruction in investigative techniques, and provision of software to aid in program management. Each participant receives a notebook (see *IDEP Appendix #2*) containing recommended standard operating procedures, field forms, and other useful information. A key goal of the training program is to facilitate partnerships with other local agencies to provide united, comprehensive, and cost-effective efforts to reduce improper discharges to our water resources.

During the reporting period, eight (8) workshops were conducted for local community and agency staff. The *Overview* and *Basic Investigation* (Outfall Survey) modules were presented at five (5) workshops. A summary of participants at these workshops is listed below:

Wayne County Communities	42
Wayne County Staff	3
Oakland County Communities	45
Oakland County Staff	24
Macomb County Communities	22
Macomb County Staff	22
St. Clair County Staff	2
Washtenaw County Communities	6
Washtenaw County Staff	9
Consultants Representing Various Communities	28
Michigan Department of Environmental Quality	1
<u>Portage, Michigan</u>	<u>1</u>
Total	205

The *Prevention of Construction Related Illicit Discharges* module was presented at three (3) workshops. A summary of participants at these sessions is listed below:

Wayne County Communities	40
Wayne County Staff	17
Oakland County Communities	15
Oakland County Staff	19
Macomb County Communities	0
Macomb County Staff	0
St. Clair County Staff	0
Washtenaw County Communities	4
Washtenaw County Staff	2
Consultants Representing Various Communities	8
Michigan Department of Environmental Quality	2
<u>Portage, Michigan</u>	<u>0</u>
Total	108

Efforts are underway to offer a fourth module of illicit discharge elimination training entitled: *Advanced Investigations*. In the future, it is anticipated that all four modules will be made available to local community and agency staff upon request, provided sufficient numbers of attendees exist. Wayne County WMD is currently considering establishing a “roundtable” of advisors for the management and continuation of the Illicit Discharge/Connection Training Program.

Coordination with other General Permit Participants (County-wide) (IDEP #3):

The illicit discharge elimination training program, described in #2 of this section and developed and implemented by Wayne County, provided new tools to all participants to facilitate coordination among county and local agencies in our mutual quest to eliminate improper discharges to surface waters. The Wayne County HotLine, described in #1, also provides a coordination mechanism. Additional information regarding coordination with others on illicit discharge elimination activities is given in #10 of this section.

County-Issued Drainage-Related Permits (County-wide) (IDEP #4):

Wayne County Storm Water Management Ordinance: As described in our Storm Water General Permit, Wayne County drafted a proposed program to implement and enforce storm water management standards for those new development and re-development projects under the County’s jurisdiction. The proposed program was drafted during 1999-2000 by various Wayne County departments and consists of a Storm Water Ordinance, Administrative Rules, and Standards Manual. The program will apply to storm water aspects of all project that require Wayne County review or approval and projects designed by various departments within Wayne County. The proposed storm water ordinance program requires that storm water runoff from each development or re-development project must meet certain performance standards for flood protection and water resources protection. In February of 2000, the proposed program was distributed to local governments and other agencies that influence development and storm water management in the County, along with developers, MDEQ, and other interested parties. Two

workshops were held for community representatives and other stakeholders on March 21 and 24, 2000 to discuss the proposed program. Wayne County received 109 written comments on the proposed storm water ordinance program, and has prepared a comment response document that will be distributed to interested parties in early July 2000. The ordinance documents are currently undergoing revision to reflect the comments, and it is anticipated that the proposed program will be presented to the County Commission in fall of 2000. Copies of the February 2000 version of the proposed Storm Water Ordinance, Administrative Rules, and Standards Manual are presented in *IDEP Appendix #3*. The February 2000 draft documents were also distributed to Ms. Cathy Bean, MDEQ-Surface Water Quality Division, and other MDEQ staff.

Prevention of Future Illicit Connections: Wayne County is pursuing modification of County-issued permits to require certification that there are no discharges of potentially polluting materials to the County road and storm water drainage system. Wayne County is also pursuing a standard amendment to contracts for construction and maintenance of County facilities such that contractors will notify the County of suspicious discharges observed during the course of their work. These modifications, originally anticipated for completion during 1999, are scheduled for completion during 2000. This schedule amendment is necessary due to the unanticipated amount of work related to the development of the proposed County storm water management ordinance program.

Illegal Dumping Control (County-wide) (IDEP #5):

The County has been disseminating its Hotline Brochure which prominently features information about illegal dumping and advocates for persons witnessing dumping to contact the Wayne County Environmental Hotline and their local police agencies (cross-reference PEP #1). Messages calling attention to illegal dumping and requesting employees to report such activities have been broadcast over Wayne County's e-mail system (cross-reference PEP #2).

Our Good Neighbors United Initiative (GNUI) workgroup on illegal dumping has been meeting with local officials and industrial and citizen representatives to design strategies to discourage illegal dumping in our GNUI communities (cross-reference PEP #3). A pilot clean-up project was organized, coordinated and implemented under the GNUI by the WCDOE – Land Resources Management Division (LRM) in partnership with Great Lakes Steel, E.C. Levy Co., Inland Waters Co., Riverview Land Preserve, Capital Waste, McDonalds Corporation, Allied Waste, Grand Trunk Railroad, Conrail and the City of Ecorse. On December 4, 1999, a total of 110 cubic yards of solid waste and approximately 800 tires was removed from the area and properly disposed.

Future plans call for audio PSAs on illegal dumping to be created and broadcast via radio as well as creation of an illegal dumping brochure with emphasis on rewards for information provided leading to conviction.

Swimming Pool Inspections (County-wide) (IDEP #6):

The Wayne County Environmental Health Division (EHD) is responsible for annual inspections of over four hundred ninety two (492) existing public swimming pools located in separate sanitary sewer areas. Two-thirds of these inspections must be conducted in May and June each year. The EHD is also responsible for implementing the County's new OSDS ordinance, which

was initiated in February of 2000. Due to the amount of work related to the development and implementation of this new County ordinance, and because such a large number of swimming pools must be inspected within such a short period of time, the EHD was unable to modify its swimming pool inspection program to include review of backwash water system connections for illicit connections/discharges. It is anticipated that this modification can be made during the second year of the General Permit and the review of backwash water system connections will be integrated into all pool inspections over a period of years. Illicit connection inspections have been performed by the WMD, however, at thirty-three (33) of the 492 public swimming pools as part of their dye-testing inspection program. EHD has been reviewing the plans and specifications for new public swimming pools, or for existing pools undergoing extensive modifications, specifically for illicit connections. Pre-opening inspections on any new, or modified pools, will include verification that no illicit discharges exist.

LOCATE SOURCES OF ILLICIT DISCHARGES TO WAYNE COUNTY STORM DRAINAGE SYSTEMS (SECTION 7.1.2)

County-Owned Building Inspections (County-wide) (IDEP #7):

The Watershed Management Division has inspected and dye-tested a total of forty-three (43) buildings owned or leased by various Wayne County departments. Inspection efforts date back to 1985 and include seventeen (17) comfort stations, six (6) County road maintenance yards, and six (6) office facilities. During the reporting period, five (5) of the forty-three (43) building inspections occurred. *IDEP Appendix #1, Tab #7* identifies the specific facilities, results, and status of inspections.

Future plans involve developing a schedule and strategy, in conjunction with Wayne County Department of Public Services, for the dye-testing of all other County-owned buildings or facilities in separate sewer areas throughout the County.

In the year 2000, inspections and dye testing of County-owned buildings is expected to continue in the Rouge River Watershed. The focus is expected to be on Wayne County Parks buildings that have not previously been inspected. The rationale for targeting Parks buildings is their proximity to the River and the number of people using them.

Visual Observation (County-wide) (IDEP #8):

Pursuant to our Permit, Wayne County has initiated efforts to train all County “field” staff to identify and report suspicious discharges in the course of their duties. To date ninety-three (93) employees, primarily from the Roads, Parks, Public Works, and Air Quality divisions, have been trained to identify and report suspicious discharges (refer to *IDEP Appendix #1, Tab #8* for detail). Since this training was initiated there have been seven (7) referrals* from these divisions (4 - Roads; 3 - Public Works). Upon investigation by WMD, six (6) were confirmed to be illicit discharges; the 7th was determined to be a naturally occurring algae bloom within a road drain. Three of the confirmed illicit discharges (3 of 6) involved failing septic systems that have been referred to the Environmental Health Division and are being repaired. The other three (3) involved improper discharges into the storm sewer. Pollution prevention technical assistance information and advice has been provided to the property owners/managers and the improper discharges have been or are expected to be eliminated. (* Includes referrals received in May 2000)

During the reporting period (January 1999 – April 30, 2000), the Public Works Division performed a cursory inspection of all County Drains. Complete visual inspections for suspicious discharges and obstructions were performed on one hundred fifty-seven (157) County Drains (approximately 250 miles). The Public Works Division (DPW) also completed maintenance work on four hundred (400) County Drains resulting in the removal of over 3,900 cubic yards of debris. DPW received and responded to four hundred fifty-nine (459) complaints related to County Drains or natural watercourses. *IDEP Appendix #1, Tab #8* identifies County Drains inspected during the reporting period and presents the County Drain inspection schedule for year 2000.

Additional Investigation (For County Departments) (IDEP #9):

Illicit Connection Investigations – Dye Testing: In support of the efforts to restore and protect Newburgh Lake and sustain and expand the Middle Rouge River canoeing area, the Wayne County Watershed Management Division (WMD) has been focusing dye-test inspection activities on commercial businesses and public facilities within the Middle Rouge River subwatersheds. Part of this effort includes education regarding pollution prevention and encouraging participation in the River Friendly Partners Program.

During the reporting period, five hundred twenty-nine (529) facilities were dye-tested resulting in identification of one hundred eight-six (186) illicit connections at thirty-two (32) different facilities. Dye-test inspections were performed in the communities of Plymouth, Plymouth Township, Westland, Livonia, Inkster, Wayne, Dearborn Heights, Canton Township and Northville Township; within the subwatersheds of Middle 2, Middle 3, Main 2, Lower 2 and Middle 1. During the reporting period, corrective actions of identified illicit connections have been verified at twenty-eight (28) facilities.

Since the inception of the program in 1987, Wayne County staff have inspected 4,380 facilities, and identified three hundred thirty-six (336) facilities with illicit connections. Confirmation of corrective action has occurred at two hundred seventy-six (276) of these facilities. Confirmation is pending at sixty (60) facilities (refer to *IDEP Appendix #1, Tab #9* for details).

Additional Investigation (For Communities) (IDEP #10):

In response to reports in November of 1998 from the Henry Ford Estate regarding incidents of excessive foam in the river, WMD staff performed field investigations and a tannin/lignin surfactant survey in areas upstream of the Henry Ford Dam. Field investigations in the area did identify several illicit discharges that have been corrected, and since investigations began, there have not been any reported incidents of excessive foam. The purpose of the tannin/lignin survey was to determine if excessive foam might be caused by natural causes. The tannin/lignin survey has been completed and the data is currently being analyzed.

At the request and in support of local community illicit discharge elimination efforts, WMD staff have collected over one hundred-seventy (170*) E.coli samples in the communities of Canton, Livonia, Plymouth Township and Westland. (* Includes sampling performed in May 2000)

MINIMIZE INFILTRATION OF SEEPAGE FROM SANITARY SEWERS AND SEPTIC SYSTEMS INTO WAYNE COUNTY'S SEPARATE STORM WATER DRAINAGE SYSTEM (SECTION 7.2)

Evaluation and Maintenance Program for Onsite Sewage Disposal Systems (County-wide) (IDEP #11):

As described in our General Permit, Wayne County developed a new ordinance to provide for regular inspection of onsite sewage disposal systems (OSDS). The ordinance and administrative rules, shown in *IDEP Appendix #1, Tab #11*, were promulgated on September 16, 1999 and provide for an evaluation of an OSDS prior to sale or transfer of property containing an OSDS. If OSDS (septic tanks and drain fields) have failed, the structures are required to be connected to available sewers or to be brought in compliance with County performance standards for OSDS. The ordinance and rules also require a septic tank evaluation each time a septic tank is pumped, noting condition of the tank, quantity pumped, disposal site, and written report. The ordinance and rules also provide for the maintenance of a county-wide OSDS database, which will facilitate record-keeping for these systems and providing information on OSDS to communities. Wayne County began implementing the new ordinance on February 1, 2000, and through April 30, 2000, forty (40) OSDS have been evaluated under this new program, and eleven (11) systems were identified as failing. During development and implementation of Wayne County's new OSDS management ordinance, Wayne County expended considerable effort educating the public and other stakeholders about the relationship of OSDS maintenance to water resources protection. This effort is described under Activity #5 of the "Public Education Plan, Summary of Activities" section of this report.

WAYNE COUNTY ***PUBLIC EDUCATION PLAN*** **SUMMARY OF ACTIVITIES**

The following Public Education Plan (PEP) activities were completed by Wayne County in compliance with the County's General Storm Water Permit for the time period January 1, 1999 – April 30, 2000.

Information Dissemination (PEP #1):

During the reporting period, the Wayne County departments and divisions continued working together to educate citizens, businesses and others on watershed awareness/storm water awareness through numerous public education activities and events.

The 2nd & 3rd Annual Rouge River Water Festivals were held in May of 1999 and May of 2000. Fifty-two (52) fifth grade classes from twenty-seven (27) schools in nine (9) Rouge River Watershed communities (nearly 1,400 students) participated in the 1999 event. There were thirty-six (36) presentations, twelve (12) assembled exhibits, and 135 volunteers at the 1999 Rouge Water Festival. In 2000, that number grew to over 1,600 students from thirty (30) schools in thirteen (13) watershed communities. There were sixty-four (64) separate presentations and ten (10) exhibits assembled by nearly 300 volunteers from local, state and regional organizations that gave testimony to the ways in which water impacts our daily lives and the world around us.

Between January 1999 and April 30, 2000, approximately thirty thousand (30,000) pieces of Storm Water Public Education (PE) Handout information and material was distributed at community events or festivals. *PEP Appendix #2* provides examples of the various brochures, flyers, magnets, posters and booklets used as Storm Water PE Handout information and material.

WCDOE staff facilitated and staffed the following Display Events: Liberty Day in Canton Township, Troy Days Festival, Plymouth Festival, AWESOME Day in Livonia, Unity in the Community in Clark Park Southwest Detroit, River Rouge Days, National Town Meeting in Detroit, Bloomfest in Detroit, SEMCOG Environmental Expo in Southfield, Soil Erosion Workshop in Troy, numerous WCDOE inservice training sessions, Rouge River Water Festival, and numerous other Public Participation events in the watershed. At the events "Storm Drains Aren't Garbage Cans" brochures, "Our Actions Affect the River" brochures, Rouge Repair Kits, Rouge Watershed Maps, magnets, and a variety of other informational materials were distributed.

Storm Water PE Handout information is also distributed via requests from phone calls, fax, website, e-mail, and letter on a continual basis. During the reporting period approximately twenty thousand (20,000) pieces of information were distributed to fill these requests for public education materials and technical information.

Storm Water PE Handout information is distributed to local businesses by WMD staff as part of their routine illicit connection investigation (dye-test inspection) activities. Businesses and institutions that pass their dye-test inspection are encouraged to participate in the *River Friendly*

Partners Program (RFPP). Examples of RFPP handout and recognition materials are provided in *PEP Appendix #2*.

Storm Water PE Handout information is now on display for both Wayne County employees, businesses and the general public at County owned facilities. Displays are maintained at ten (10) Wayne County offices including: Department of Environment, Wayne County Building, Health Department, Environmental Health, Wayne County Regional Educational Services Agency, Mental Health Department, Jobs & Economic Development, Parks, and Roads. There are efforts currently underway to expand this list to include additional locations. A listing and sampling of the various PE Handout material can be found in *PEP Appendix, Tab #1*.

During the reporting period, the Website (www.rougeriver.com) experienced over 640,000 hits from people and businesses interested in obtaining information on the Rouge River or the Rouge River National Wet Weather Demonstration Project. We answered approximately 200 e-mailed questions from the site. The site is updated continually, and offers the most up-to-date information on the Rouge Project. Efforts are underway to provide information regarding each of the seven (7) subwatersheds.

WCDOE promoted the use of its Environmental Hotline (888-223-2363) for water quality complaints extensively throughout the County. A variety of products were produced to educate the public including: magnets with the “Storm Drains Aren’t Garbage Cans” message and hotline number, and brochures in English, Arabic and Spanish (cross-reference IDEP #1). An arrangement was made with the community organization ACCESS to field calls from the Arabic community.

Public Service Announcements (PSAs) promoting the use of the Environmental Hotline were produced, distributed, and broadcast on local cable TV access channels in the following communities: Allen Park, Canton, Dearborn, Dearborn Heights, Detroit, Ecorse, Garden City, Highland Park, Inkster, Lincoln Park, Livonia, Melvindale, Northville, Northville Twp., Plymouth Twp., Redford, River Rouge, Van Buren Twp., Wayne and Westland. We are working to have the Environmental Hotline PSA on every community cable TV access channel in the County. The development of other PSA topics and medium (e.g., billboards, newspaper ads) are being considered to promote the Environmental Hotline as well as other storm water/watershed awareness messages.

The WCDOE Watershed Management Division (WMD) staff distributed a letter to businesses in the Commerce Park Office/Business Complex in the City of Wayne about storm drain stenciling efforts and disseminating information regarding the ultimate discharge point, impacts and storm water pollution prevention tips. Their efforts lead to the stenciling of twenty-four (24) storm drains in the Commerce Park Complex located in the Lower 2 Subwatershed (cross-reference PEP Activity #3).

During the reporting period, WCDOE Land Resources Management Division (LRM) updated their listings of disposal points for various materials including motor oil, antifreeze, gasoline, and transmission fluid and distributes the information via display events and telephone calls. In the year 2000, LRM staff have already responded to over 50 telephone calls regarding the recycling and/or disposal of household hazardous waste materials.

Staff Training/Awareness (PEP #2):

Pollution prevention information is shared with Wayne County employees through the use of newsletters, electronic (e-mail) broadcast messages, posters, and manuals. Additionally, County staff have attended the IDEP training sessions (cross-reference IDEP #2 and IDEP #8) and are encouraged to attend other environmental workshops and pollution prevention training sessions.

The employee newsletters containing articles with storm water awareness, watershed awareness and/or pollution prevention information began running in the spring of 1999. To date six (6) editions of the WCDOE newsletter, one (1) edition of Department of Management & Budget newsletter, and one (1) edition of the Corporation Counsel newsletter have been published with storm water awareness articles. Approximately, five hundred (500) Wayne County employees have read each of these articles. Commitments and arrangements with other County Departments and Divisions (e.g. Roads, Personnel & Human Resources, Environmental Health, etc.) have been attained and it is expected that newsletter activity will continue and expand.

Over two hundred fifty (250) posters on watershed awareness (*Use Your Head You Live in A Watershed*) and pollution prevention (*Keeping Our Shop In Tune*) have been shared and are displayed at twenty six (26) Wayne County Parks, Roads, and DPW yards and other facilities. The *Environmental Guidebook for the Michigan Vehicle Service Industry*, published by the MDEQ – Environmental Assistance Division, was also distributed to the managers and foreman at County facilities where vehicle maintenance is performed.

Electronic (e-mail) broadcast messages related to watershed awareness began running over the Wayne County e-mail system in 1999. All County employees with e-mail accounts have received and been encouraged to participate in workshops co-sponsored by the WCDOE (e.g. Master Composters Training). A message encouraging employees to use the 24-Hour Environmental Hotline to report illegal dumping or get environmental information is being broadcast monthly to County employees through e-mail. The use of electronic broadcast messages will continue and expand.

A segment on pollution prevention and watershed awareness was included in the training program for Wayne County “field” staff on illicit discharge elimination (cross-reference IDEP #8). Therefore, in addition to being trained to identify and report suspicious discharges, the ninety-three (93) Parks, Roads and DPW employees, were given an overview of the Rouge restoration efforts and provided with information on how they can prevent illicit discharges both at home and at work. Changing their perception of the Rouge River and encouraging them to get involved was also an objective of the training. Similarly, public education staff participated in *Overview*, *Basic Investigations*, and the *Preventing Construction Related Illicit Discharges* training workshops at which twenty (20) Wayne County employees attended and were therefore given storm water awareness and pollution prevention information and training (cross-reference IDEP #2).

An inservice training session for all 350+ WCDOE employees was held on March 9, 2000. The tabletop model depicting various storm water pollution pathways and impacts (cross-reference

PEP #3) was displayed and presented by WMD staff, along with Storm Water PE Handout information.

In 1999, WCDOE instituted monthly all-day tours of DOE operations for select employees, hosted by the Department Director. The tour includes a discussion of pollution prevention activities, which can be used at home and at work, and the Storm Water PE Handout information is provided to participants. The monthly tours are currently scheduled through the end of 2000.

Five (5) staff from Wayne County DPW took part in the *Johnson Creek Streambank Stabilization Workshop and Demonstration Project* sponsored in 1999 by the Washtenaw County Drain Commissioner. Future training plans include recertification training for soil erosion and sediment control for all appropriate DPW field operation staff.

During the reporting period, fifty (50) staff from the Engineering Division and the Roads Division attended soil erosion and sedimentation control training / certification offered by the State of Michigan.

During the reporting period, two staff from the Watershed Management Division successfully obtained training and licensing as Certified Operator, Storm Water Permit, for both construction sites and industrial sites.

Leader-Watershed Approach (PEP #3):

By developing and promoting partnerships, facilitating coordination and hosting/co-hosting meetings and workshops, Wayne County has continued its mission of being a leader in the protection, restoration, and stewardship of streams, rivers, lakes, ponds, wetlands and ground water.

In 1999, at the direction of WMD, the Rouge Program Office demonstrated and offered three (3) technical training sessions on the use of the "IDEP Tracking" and the "Rouge Dataview" database/GIS tools. Over fifty (50) staff from Rouge watershed communities and agencies attended the training sessions (cross-reference IDEP #1).

WCDOE public education staff participated in the *Overview, Basic Investigation, and Prevention of Construction Related Illicit Discharge* modules of the IDEP Training Program as mentioned above. In addition to the basics of identifying illicit discharges, attendees (313) were all provided with information on how they can prevent illicit discharges both at home and at work. Again, changing the perception people have of the Rouge River and encouraging them to get involved was a key objective of the training (cross-reference IDEP #2).

WCDOE staff organized and carried out the stenciling of twenty-four (24) storm drains within the Commerce Park Office/Business Complex, in the City of Wayne, Lower 2 Storm Water Management Area. All twenty (20) businesses within the Complex were given information regarding the ultimate discharge point, impacts and storm water pollution prevention tips.

A staff member from the WCDOE Watershed Management Division designed and built a tabletop-scale model depicting the various storm water pollution pathways and impacts. The

model has been used at various public education events including the *Rouge River Water Festivals* and all of the IDEP *Basic Investigation* training sessions.

WCDOE staff participated in all the discussions and coordinated the activities of SEMCOG and RPO staff in the development of the new Rouge Watershed logo and message, *Rouge River Ours to Protect*. WCDOE staff are currently coordinating efforts with the Rouge River Subwatershed Advisory Groups and the Wayne County Roads Division to develop and install watershed/river awareness signage at appropriate locations in Wayne County.

Local Presentations regarding Storm Water Awareness, Watershed Awareness and Pollution Prevention were made by WCDOE staff to local citizen groups including a cub scout pack from the city of Dearborn (approx. 50 children and adults) and two classes of the WCDOE's Master Composters training program.

The WCDOE Land Resources Management Division's (LRM), Soil Erosion and Sediment Control section developed the *Dirt Doctors* hands-on display and presentation. The *Dirt Doctors* performed at the 1999 & 2000 Rouge River Water Festivals and the 1999 Detroit Water and Sewage Department's waterfestival as well as the 1999 Outdoorama. To date, several hundred school-aged children have participated in the *Doctors'* performance and been made aware of the importance of preventing and controlling soil erosion and sedimentation.

Regional presentations regarding the General Permit and Watershed Management were given by WCDOE staff including participation in a legislative briefing in Lansing; the Michigan Water Environment Associations conference; the Borchardt Conference, in Ann Arbor; the Michigan Municipal League APWA Storm Water Workshop; and the Michigan Lakes and Streams, 38th Annual Conference.

Numerous National Outreach Presentations and meetings occurred. Presentations included EPA's Environmental Permitting Symposium, Cary, NC; the National Town Meeting for Sustainable America, Detroit, MI; TMDL Workshop, Rochester, NY; Association of Metropolitan Sewerage Agencies' (AMSA) 1999 Environmental National Policy Meeting, Washington, DC; AMSA's Summer Conference, Philadelphia, PA; Water Environment Federation (WEF) Specialty Conference, Salt Lake, UT; WEFTEC '99, New Orleans, LA. Meetings included Orange County, CA; URISA, FL; and Portland, OR.

Partnerships: Managing storm water helps to minimize flooding problems, erosion, and the loss of natural resources. A partnership between the County, local government, and other agencies that influence development and storm water management will ensure that such a program is effective.

In early 1999, Wayne County assisted in the formation of a new partnership called the *Rouge River Gateway Partnership*, a group of communities, businesses, and other organizations who are working to transform the lower Rouge River into a scenic recreation area that embraces the region's industrial history. Its mission is to create a model for redevelopment of historic and industrial communities through public/private partnerships. Its goals are to celebrate, support, and promote high quality, environmental restoration projects; to help empower communities to create unique, educationally significant recreational opportunities in our communities; to attract

new public and private investment in the region by building on the synergy of the Partnership; to expand the area as a world-class center for heritage tourism; and to promote sustainable manufacturing for the 21st century. Member partners include the cities of Allen Park, Dearborn, Detroit, and Melvindale; Edward C. Levy Company, Ford Motor Company, Henry Ford Community College, Henry Ford Museum & Greenfield Village, Michigan Consolidated Gas Company, Rouge Steel Company, The University of Michigan-Dearborn, and Wayne County. Part of the work of the Partnership is the development of a master plan for ecosystem restoration and recreational improvements along the seven-mile reach of the Rouge River from Ford Road in Dearborn to the Detroit River; this master plan is being sponsored by Wayne County. Wayne County is also working with the U.S. Army Corps of Engineers regarding potential restoration of the paved channel section of the Rouge as part of this effort. Wayne County secured a grant under the Clean Michigan Initiative to restore an oxbow of the Rouge as part of the Gateway initiative. The *Gateway Partnership* meets every two months to continue this planning effort.

In cooperation with the City of Detroit, General Motors, the President's Council on Sustainable Development, and others, Wayne County participated in planning and co-hosted the *National Town Meeting for Sustainable America* in May 1999. Approximately 3000 attendees participate in the NTM activities that included plenary sessions, workshop and technical sessions, guided tours, demonstrations and displays.

Funding was provided and Wayne County staff actively participated in and supported efforts of MDEQ's Rouge RAP Advisory Council (RRAC) and its subcommittees. Activities included assistance with Rouge River Report Card development: stakeholder input and editing; RAP Revision subcommittee participation, assistance with timeline and vision statement development; coordination/communication of RRAC activities with SWAG's, Rouge Steering Committee and RPO; Participation and/or chairmanship of RAP implementation subcommittees.

Wayne County actively supported and provided funding for all efforts of Friends of the Rouge (FOTR) including Rouge Rescue, Rouge Education Project, Rouge RiverWatch, and Frog & Toad Survey.

Publication Clearinghouse (PEP #4):

The *Storm Drains Aren't Garbage Cans/Our Actions* display panels were offered and have been distributed to thirty-eight (38) Rouge River Watershed communities. These display panels can be used to provide a public education message throughout the year at local festivals, libraries, city halls, schools, etc. Copies of the display panels can still be obtained by communities or agencies who have not previously received them. In addition, the outdoor display structure that WCDOE owns can be borrowed for events by local communities or agencies upon request.

The *Rouge Public Education Products* CD has been distributed to thirty-seven (37) Rouge River Watershed communities. This CD contains digital copies of essentially all of the public education materials developed by the Rouge Project. It can be used to create new public education materials and/or taken to a printer to mass produce an existing public education brochure or pamphlet. Copies of the *Rouge Public Education Products* CD are available upon request.

The *Images of the Rouge* CD, which contains 186 digital photos, or graphic images, to be used to create public education materials or presentations, was distributed to forty-one (41) Rouge River Watershed communities, three (3) Counties, MDEQ, and a variety of other stakeholders. Copies of the *Images* CD are still being made available upon request.

Multiple copies of existing Storm Water PE Handout information (e.g. Storm Drains Aren't Garbage Cans magnets, brochures and bags) have been provided to several Rouge Watershed communities on an "ad hoc" by request basis (refer to PEP Activity #1). In the future, WCDOE is considering offering centralized production of certain PE Handouts for distribution by local communities.

Co-Sponsor Workshops (PEP #5):

WCDOE sponsored the *Public Education Workshop for Rouge Watershed Communities* in October 1999. The focus of the workshops were: the How To's of Public Education, The Rouge Products CD, School Based Education, Rouge Information Technology, and Stewardship Opportunities. Approximately 100 people attended the workshops including local government staff, schoolteachers, and the general public. There were representatives from nineteen (19) communities, five (5) schools and nine (9) organizations.

WCDOE in coordination with WCDPS sponsored two workshops on March 21, 2000 and March 24, 2000 titled, *Proposed Wayne County Storm Water Management Ordinance*. These workshops targeted both the local community governments and businesses in the land development and building/construction industries. The workshops outlined the proposed ordinance, took public comment, answered questions, and gave information regarding storm water management and the timeline for Ordinance completion and implementation. There were approximately seventy (70) attendees to these workshops.

WCDOE in coordination with the Wayne County Environmental Health Department held workshops on March 31, 1999, April 16, 1999 and January 24, 2000 regarding the Wayne County Program for Evaluation and Maintenance of On-Site Sewage Disposal Systems (OSDS). These workshops were attended by local governmental staff, elected officials and business in the OSDS industry. Two workshops for realtors, etc. were held by EHD on December 8, 1999 and January 7, 2000. Workshops were also held for septage haulers and home inspectors on December 1, 1999 and December 15, 1999, respectively.

The WCDOE Land Resource Management Division (LRM) sponsored their 4th and 5th *Master Composters* Training Sessions in the spring of 1999 and in the spring of 2000. To date nearly 100 citizens have been trained in Master Composters healthy lawn and garden principles and practices. The training includes information on the availability, location and requirements for the disposal/management of grass clippings and leaf litter. Public education concerning the application and disposal of pesticides and fertilizers, the ultimate discharge point and potential impacts of storm water, and citizen responsibility and stewardship are all elements of the training workshops. Participants in the training have to attend four of the six (4 of 6) sessions offered, complete a take-home quiz and final exam, and complete eight (8) hours of public outreach volunteer work.

The WCDOE LRM division was also actively involved and a co-sponsor in the *Soil Erosion Workshop & Expo* held at the Northfield Hilton, Troy, Michigan on February 2000.

The WCDOE was a co-sponsor for the November 1999 7th *Annual Waste Reduction and Energy Efficiency Workshop* held in Livonia. There were approximately 450 people in attendance.

The WCDOE sponsored two *Rouge River Water Festivals* in May 1999, and May 2000. The workshops were both held at University of Michigan-Dearborn. There were 1,400 fifth grade students in attendance in 1999 and over 1,500 in 2000 (refer to PEP #1).

Drains Brochure/Integrate Public Education into DPW Operations (PEP #6):

Pursuant to the County's permit, a WCDOE Division of Public Works (DPW) Drains Brochure was developed and is being distributed to all Wayne County communities (refer to *PEP Appendix, Tab #6*). The brochure contains information regarding county Drains, Drain maintenance, Drain petition projects, and contact phone numbers.

Workshops: A Drains Workshop was held in April 2000 in Brownstown Township for the purpose of educating the local units of government on the operations of the Wayne County DPW in regards to Drain maintenance and operation. The communities of Brownstown, Flat Rock, Gibraltar, Rockwood, Taylor, Trenton, Woodhaven, Southgate, Allen Park, Wyandotte, Riverview, and Grosse Ile were invited to attend. Approximately ten (10) people were in attendance. There are plans to hold these workshops across the entire County as well as to better integrate storm water awareness information into these workshops.

Wayne County DPW participated in the Rouge Rescue (River Day) and Ecorse Creek cleanups in 1999 & 2000 providing several thousand dollars worth of staff time and heavy equipment. The DPW – Henry Ruff Field Operations Office and Maintenance Facility are participating in the River Friendly Partners Program. They have developed a Pollution Prevention Action Plan, initiated implementation of their plan and have pledged to continue their efforts to prevent pollution.

Integrate Public Education into Department of Public Services Operations

During 1999 significant strides were made to integrate Storm Water public education messages into Roads, Parks, and Permitting operations within Wayne County. Pursuant to the County's permit, public education plans have been developed for Roads and Parks divisions and are included in the *PEP Appendix*.

Integrate Public Education into Roads Division Operations (PEP #7)

Wayne County Roads continued their long-standing Adopt -a- Road program. During the reporting period, Roads has supported the activities of over 70 groups who have adopted more than 100 miles of road within the County. In the year 2000, public education regarding river stewardship and watershed awareness was directly integrated into the program via the distribution of public education packages (including the *Rouge River Repair Kit*) to all of the groups participating in the Program.

Watershed Awareness Signage: Roads Division is currently working with the WMD and Rouge Watershed communities to develop and install signs at major Rouge River crossings or at the watershed boundary. This program will assist with the public awareness of the watershed and significant river branches and tributaries.

Roads Staff Training: Pollution prevention materials developed by Wayne County's Rouge Project were distributed to all fifteen Roads Division maintenance yards in the County. The posters *Use Your Head You Live in a Watershed* (promoting watershed awareness) and *Vehicle Service Pollution Prevention* (illustrating best management practices to prevent illicit discharges from vehicle service facilities) were posted at appropriate locations at all Roads Division maintenance yards. A comprehensive manual, *An Environmental Guidebook for the Michigan Vehicle Service Industry* developed jointly by the Rouge Project and by the Michigan Department of Environmental Quality, was provided to the fifteen Road Division yards throughout the County. Fifty-two (52) staff from the Roads and Engineering Divisions received Watershed Awareness training from WMD via the IDEP Illicit Discharge Training (cross reference PEP #2)

Integrate Public Education into Parks Division Operations (PEP #8)

Signage – “Don’t Feed the Geese”: Ten (10) signs instructing visitors not to feed waterfowl have been in place and will be maintained near the Newburgh Lake, Nankin Lake and Wilcox Lake impoundments along the Middle Rouge River.

A variety of Storm Water PE Handout information and materials were distributed and are made available from the Parks Office. This information includes the “Storm Drains Aren’t Garbage Cans” and the “24-Hour Environmental Hotline” brochures as well as information that discourages feeding waterfowl.

The Parks Division continued to provide its educational programming focused on the natural environment (including the Rouge River and other water resources) for scout troops, school groups and families (refer to attached brochures). Approximately 7,427 children and 3,283 adults participated in these educational programs during the reporting period (Jan 1999 – April 30, 2000).

The Nankin Mills Interpretive Center and Historic Grist Mill has been open and interpretive displays are being developed. Many of these displays will focus on the important role water (specifically the Rouge River) has played in the history of southeast Michigan. In addition, the Rouge River/Rouge Project Interactive Computer Kiosk has been on display at the Nankin Mills Center since September 1999.

The Wayne County Parks website was brought on-line in 1999 and includes and promotes Interpretive and Naturalist programming, events, and facilities as well as offers the viewer direct links to rougeriver.com and other environmental websites. Since coming on-line the website has experienced 35,451 hits.

Integrate Public Education with County-Issued Permits (PEP #9)

Public Education efforts have been integrated into the efforts and activities associated with the County's Storm Water Ordinance and the OSDS Ordinance refer to IDEP #4, IDEP #11 and PEP Activity #5.

A Storm Water Management Standards Manual is being developed in conjunction with the Storm Water Ordinance. The Manual is itself a public education/information piece. It is being written in plain English and formatted with the intent of being user-friendly. When completed the Manual will provide guidance for the design of different storm water management facilities and provide other useful storm water management information. Distribution will primarily occur via Wayne County offices responsible for issuing storm water drainage related permits (e.g. Wayne County Engineering – Permit Office and Land Resource Management – Soil Erosion, Sediment Control).

In conjunction with the newly promulgated OSDS Ordinance the Environmental Health Division is developing a packet of educational materials for owners of OSDS systems. These materials will be provided to all homeowners requesting OSDS permits (new or repair). In addition, these materials will be available to the OSDS inspectors being identified and certified as part of the OSDS Ordinance.

During 1999, LRM developed and began distributing a *Soil Erosion and Sedimentation Control Program Information Packet* as well as a new brochure entitled; *Soil Erosion, Sediment Pollution, and Your New Home*. The Information Package has been distributed (and is available for their distribution) to local community buildings/public service officials. It contains important information on obtaining a soil erosion control permit and implementing soil erosion control practices. The new brochure is being distributed as part of the Information Package as well separately to owners of newly constructed homes. This brochure emphasizes the importance of soil erosion control and outlines how owners of newly constructed homes can practice soil erosion control techniques until their yard has been stabilized. The brochure is also posted/available on the WCDOE website “<http://www.wcdoe.com>”.

WAYNE COUNTY

WATERSHED PLANNING

SUMMARY OF ACTIVITIES

The following Watershed Planning activities, such as those outlined in the Public Participation Plans for Rouge subwatersheds within Wayne County, were completed by Wayne County in compliance with the County's General Storm Water Permit for the time period January 1, 1999 – April 30, 2000.

Subwatershed Advisory Groups (SWAGs) Participation: Wayne County Department of Environment staff continues to represent Wayne County in the monthly meetings held by the six (6) Rouge Subwatershed Advisory Groups (SWAGs) in the County. In addition, Wayne County assisted with the formation of and participates in the Ecorse Creek Watershed Advisory Group, which was organized in 1999 to begin working collectively on flooding and water quality issues in the watershed.

Public Participation Activities: A summary of planned Public Participation Process Activities has been prepared (refer to *PPP Appendix #1*) and is being carried out. During the reporting period, Wayne County actively participated in the planning, promotion, and implementation of the subwatershed public participation events held in the Middle 3 and Lower 2 subwatersheds. These events were held March 23, 2000 and April 5, 2000. Wayne County's involvement has included informational displays regarding the Environmental Hotline as well as recreational opportunities in the Rouge River Watershed and presentation of the *Rouge River Report Card*, on behalf of the Rouge RAP Advisory Council.

Rouge RAP Advisory Council: Wayne County staff continued their active participation on the RRAC and provided significant assistance in the development of the Rouge Report Card produced during 1999.

Rouge Watershed Steering Committee: The Wayne County Department of Environment represents Wayne County and provides staff resources to the Rouge Steering Committee, which was reorganized in 1999 to provide a forum for both federal grant management oversight and discussion of watershed-wide issues. Bi-monthly meetings were held on May 11, July 27, September 27, and November 15, 1999. In the year 2000, to accomplish its purpose, six bi-monthly meetings will be held beginning January 20, March 16, May 18, July 20, September 21, and November 16, 2000. Summary notes on watershed-wide issues are available on request.

**WAYNE COUNTY
FIRST ANNUAL REPORT, GENERAL STORM WATER PERMIT**

INVENTORY OF APPENDICES

IDEP APPENDIX #1: Illicit Discharge Elimination Plan Annual Report

IDEP #1: Pollution Complaint Reporting

- Summary table of all WCDOE pollution complaints received
- Summary of efforts to advertise the WCDOE Hotline telephone number
- Wayne County Department of Environment “Hotline” Brochure
- Letter to/for Cable Access Public Service Announcement for WCDOE “Hotline”
- *IDEP GIS Application Training Workshop* flyer

IDEP #2: Illicit Discharge Detection Workshops

- Summary of IDEP Workshop attendance
- Copies of workshop announcements and listing of attendees
- Handouts from IDEP Workshops (see IDEP Appendix #2)

IDEP #3: Coordination with Other Participants

- Cross-reference to other IDEP and PEP activities and appendices

IDEP #4: County-Issued Drainage-Related Permits

- Copy of Proposed *Wayne County Storm Water Ordinance Package* (See IDEP Appendix #3)

IDEP #5: Illegal Dumping Control

- Copies of Good Neighbors United Initiative, Illegal Dumping Task Force materials

IDEP #6: Swimming Pool Inspections

- Summary memorandum from Wayne County Environmental Health Division (memo from S. Tackitt to K. Cave)

IDEP #7: County-Owned Building Inspections

- Table summarizing all of the buildings inspected, results of inspection and status of corrections

Inventory of Appendices (Continued)

IDEP #8: Visual Observation

- Summary of training sessions for County staff regarding identifying and reporting suspicious discharges
- Table summarizing County Drains inspected during the reporting period
- Summary of County Drain inspections scheduled for Year 2000

IDEP #9: Additional Investigation for County Departments

- Various tables and graphs summarizing the Watershed Management Division illicit connection inspections

IDEP #10: Additional Investigation for Communities

- Summary results of Watershed Management Division “tannin/lignon” special study
- Summary of Watershed Management Division sampling data results

IDEP #11: Onsite Sewage Disposal Systems

- Summary provided by Environmental Health Division (memo from S. Tackitt to K. Cave)
- Wayne County Enrolled Ordinance No. 99-527 “Wayne County On-Site Sewage Disposal System Evaluation and Maintenance Ordinance”
- Administrative Rules for the Wayne County On-Site Sewage Disposal System Evaluation and Maintenance Ordinance

IDEP Appendix #2: Illicit Discharge Elimination Training Program

Handouts from the Wayne County Illicit Discharge Elimination Training Program for local communities and other interested agencies. The training program consists of four modules, supported by the following handouts:

- Overview
- Basic Investigations
- Advanced Investigations (under development)
- Design Considerations and Plan Review
- Summary of Wayne County and Washtenaw County ordinances for management of on-site sewage disposal systems
- Case Studies

Inventory of Appendices (Continued)

IDEP Appendix #3: Wayne County Storm Water Ordinance Package, February 4, 2000 draft

- Storm Water Management Ordinance
- Storm Water Management Administrative Rules
- Storm Water Management Standards Manual

PEP Appendix #1: Public Education Plan Annual Report

PEP #1: Information Dissemination

- Summary table, Information Dissemination activities for 1999
- Summary table, Information Dissemination activities for January - April 2000
- Summary listing of Public Education Handout items (Items included in PEP Appendix #2)
- Listing of pollution prevention informational displays in various County offices
- Rouge Project website statistics, 1999 and 2000
- Letter to/for Cable Access Public Service Announcement for WCDOE "Hotline"
- Materials from Rouge Water Festivals, 1999 and 2000:
- 1999: Map, School List, Presenter/Exhibit List
- 2000: (3) Brochures, Teacher List, Presenter/Exhibitor List, Letter
- Pictures
- Summary of locations for used oil disposal/recycling, compiled by Land Resources Management Division

PEP #2: Staff Training

- Summary table, Staff Training activities for 1999
- Summary table, Staff Training activities for January - April 2000
- Supplemental information on staff training activities
- Copies of WCDOE Newsletters
- Copy of Corporation Counsel Newsletter
- Pictures from DOE Inservice Training Session
- Summary of environmentally-friendly vehicle service training efforts by County staff, conducted by WMD
- Examples of Wayne County webmaster pollution prevention messages for composting, household hazardous waste disposal, Rouge Water Festival, WCDOE Hotline

Inventory of Appendices (Continued)

PEP #3: Advocate/Leader for Watershed Management

- Summary table, Watershed Management Advocate/Leader activities for 1999
- Summary table, Watershed Management Advocate/Leader activities for January - April 2000
- Wayne County Department of Environment, "General Description & Mission" brochure
- Good Neighbors United Initiative (GNUI) brochures (2) and GNUI poster contest pictures
- *National Town Meeting* informational documents and pictures
- *Rouge Gateway Partnership* Documents - newspaper articles and brochure
- Summary of appearances by Wayne County "Dirt Doctors"
- Pictures of WMD "Illicit Detection Connection Model"
- Pictures of DOE storm drain stenciling effort at DOE-Wayne office park

PEP #4: Publication Clearinghouse

- Summary table, Publication Clearinghouse activities during 1999
- Summary table, Publication Clearinghouse activities during January - April 2000
- Listing of Clearinghouse items (Items included in PEP Appendix #2)

PEP #5: Co-sponsor workshops

- Summary table, Storm Water Management Workshops co-sponsored by Wayne County during 1999
- Summary table, Storm Water Management Workshops co-sponsored by Wayne County during January - April 2000
- *Rouge River Connections: Public Education Workshop for Watershed Communities* (October 27, 1999) brochure and list of attendees
- *Wayne County Storm Water Management Workshop* announcements, agenda and attendees
- Wayne County *Master Composter* class schedules, speakers and attendees for 1999 and 2000
- *Soil Erosion Workshop & Expo* brochure

PEP #6: Public education activities integrated into Division of Public Works activities

- *Wayne County Drains* brochure

PEP #7: Public education activities integrated into Roads Division activities

- Public Education Plan for Roads Division (including schedule)
- Listing of year 2000 *Adopt-a-Road* participants and road mileage covered
- Listing of storm water education materials distributed to *Adopt-a-Road* groups

Inventory of Appendices (Continued)

PEP #8: Public education activities integrated into Parks Division activities

- Public Education Plan for Parks Division (including schedule)
- *Naturalist programming* brochures for 1999
- *Crosswinds Marsh Visitor Guide*
- *Wayne County Parks Year 2000 Special Events and Interpretive Programs Schedule* brochure
- Wayne County Parks Website statistics

PEP #9: Public education activities integrated into County-issued permits

- First page and distribution list for proposed Wayne County Storm Water Management Ordinance package (package included in IDEP Appendix #3)
- Excerpts from Environmental Health Divisions summary report specific to public education efforts
- Copy of Land Resource Management Division information package for Soil Erosion and Sedimentation Control permit applicants, including new brochure for homeowners

PEP Appendix #2: Public Education Handouts and Clearinghouse Items

Storm Water Public Education (PE) Handouts (PEP Activity #1):

- *Wayne County 24-hour Hotline* brochure (English, Spanish, and Arabic)
- *Wayne County 24-hour Hotline* magnets
- *Storm Drains Aren't Garbage Cans* brochure
- *Storm Drains Aren't Garbage Cans* magnets
- *When It Rains* brochure
- *Rouge Public Recreation Areas and Activities* map
- *Our Actions Affect the Rouge River* flyer (Business)
- *Our Actions Affect the Rouge River* flyer (Residential)
- *Rouge River Activity Book*
- *Rouge Repair Kit* (book)
- *Are These Products in Your Home?* brochure
- *Use Your Head You Live in A Watershed* poster
- *DemoBulletin 1 on Storm Water Management*
- *DemoBulletin 2 on CSOs*
- *DemoInfo: Combined Sewer Overflows*
- *DemoInfo: Rouge Education Project*
- *DemoInfo: GIS*
- *DemoInfo: Septic Systems*
- *DemoInfo: Storm Water Management: Best Management Practices*

Inventory of Appendices (Continued)

- *DemoInfo: The Watershed*
- *DemoInfo: Wetlands*
- *Downspout Disconnection* brochure
- *Keeping Your Shop in Tune* poster- Vehicle Service Business Employee Education
- *Keeping Your Shop in Tune* poster- Vehicle Service Business Customer Awareness
- *Rouge Friendly Business Program* manuals for:
 - Businesses (General)
 - Vehicle Service Businesses
 - Metal Machining Businesses
 - Food Related Businesses
 - Home Repair and Maintenance Contractors
 - Construction Related Businesses
- Home Composting
- Lawn Maintenance Guidelines

Clearinghouse Materials (PEP Activity #4):

- *DataView* CD
- *Images of the Rouge* CD
- *Rouge Public Education Products* CD
- *Storm Drains Aren't Garbage Cans* bag
- *Storm Drains Aren't Garbage Cans* magnet
- *Storm Drains Aren't Garbage Cans* brochure
- *Rouge River Activity Book*
- *Use Your Head You Live in A Watershed* poster

PPP APPENDIX #1: Public Participation Process Annual Report

- Summary of Wayne County public participation activities
- Copies of announcements and presentations on *Rouge Report Card* by Wayne County staff during public participation events held during the reporting period