

STATE OF MICHIGAN



JOHN ENGLER, Governor

**DEPARTMENT OF ENVIRONMENTAL QUALITY**

*"Better Service for a Better Environment"*

HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

INTERNET: [www.deq.state.mi.us](http://www.deq.state.mi.us)

RUSSELL J. HARDING, Director

REPLY TO:

SURFACE WATER QUALITY DIVISION  
KNAPPS CENTRE  
PO BOX 30273  
LANSING MI 48909-7773

*October 1, 2001*

CERTIFIED MAIL -- 7000 0520 0016 5014 0441

Ms. Malama Chock  
University of Michigan  
OSEH-CSSB  
1239 Kipke Drive  
Ann Arbor, Michigan 48109-1010

Dear Ms. Chock:

SUBJECT: NPDES Permit No. MI0053902  
UM MS4, various locations throughout University of Michigan Campus, Ann Arbor

Your National Pollutant Discharge Elimination System (NPDES) Permit has been processed in accordance with appropriate state and federal regulations. It contains the requirements necessary for you to comply with state and federal water pollution control laws.

REVIEW THE PERMIT EFFLUENT LIMITS AND COMPLIANCE SCHEDULES CAREFULLY. These are subject to the criminal and civil enforcement provisions of both state and federal law. Permit violations are audited by the Michigan Department of Environmental Quality and the United States Environmental Protection Agency and may appear in a published quarterly noncompliance report made available to agencies and the public.

Your monitoring and reporting responsibilities must be complied with in accordance with this permit. If applicable, Discharge Monitoring Report forms will be transmitted to you in the near future. These reports are to be submitted monthly or otherwise as required by your NPDES permit.

Any reports, notifications, or questions regarding the attached permit or NPDES program should be directed to the following address:

Mr. Linn Duling, District Supervisor  
Jackson District Office, SWQD, DEQ  
301 East Louis Glick Highway  
Jackson, Michigan 49201-1556  
Telephone: 517-780-7847

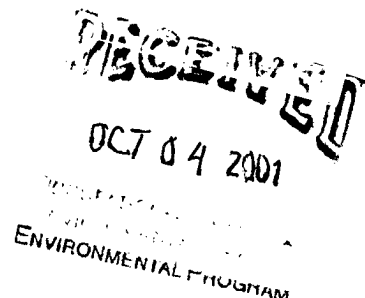
Sincerely,

*William E. McCracken*

William E. McCracken, P.E.  
Chief, Permits Section  
Surface Water Quality Division  
517-373-8088

Attachment: Permit

cc: EPA-Region 5  
208 Agency – Southeast Michigan Council of Governments  
Mr. Linn Duling, Jackson District Supervisor, SWQD (2)  
PCS Unit, SWQD  
Point Source Studies (Grand Rapids District Office), SWQD  
Files



**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AUTHORIZATION TO DISCHARGE UNDER THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq; the "Federal Act"), Michigan Act 451, Public Acts of 1994, as amended (the "Michigan Act"), Parts 31 and 41, and Michigan Executive Orders 1991-31, 1995-4 and 1995-18,

The University of Michigan  
OSEH-CSSB  
1239 Kipke Drive  
Ann Arbor, Michigan 48109-1010

is authorized to discharge from the municipal separate storm water drainage system ("drainage system") operated by the University of Michigan in

various locations within the University of Michigan, Ann Arbor Campus  
Ann Arbor, Michigan

designated as UM MS4

in accordance with conditions set forth in this permit to the receiving waters named Huron River, Allen Creek (Allen Drain), Traver Creek, and Miller's Creek (North Campus Drain).

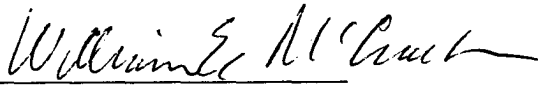
This permit takes effect on October 1, 2001. Any person who is aggrieved by this permit may file a sworn petition with the Office of Administrative Hearings of the Michigan Department of Environmental Quality, setting forth the conditions of the permit which are being challenged and specifying the grounds for the challenge. The Department may reject any petition filed more than 60 days after issuance as being untimely. If any condition of this permit is administratively challenged, the entire challenged permit is stayed and the previous permit will remain in effect until the Department takes final action after the Administrative Hearing.

This permit and the authorization to discharge shall expire at midnight, October 1, 2006. In order to receive authorization to discharge beyond the date of expiration, the permittee shall submit an application which contains such information and forms as are required by the Michigan Department of Environmental Quality to the Jackson District Supervisor of the Surface Water Quality Division by April 1, 2006.

In accordance with Section 324.3118 of the Michigan Act, the permittee shall make payment of a \$200.00 annual storm water fee to the Department, which shall be postmarked no later than March 15 of each year.

This permit is based on a complete application submitted on March 31, 2000. The provisions of this permit are severable. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term in accordance with applicable laws and rules. On its effective date this permit shall supersede National Pollutant Discharge Elimination System (NPDES) Permit No. MI0053902, expiring October 1, 2000.

Issued September 26, 2001.

  
William E. McCracken  
Chief, Permits Section  
Surface Water Quality Division

**PART I****Section A. Authorizations and Coverage Provisions****1. Authorized Discharges****a. Storm Water Discharges by the Permittee**

This permit authorizes the discharge of storm water, and non-storm water listed in Part I.A.1.c., to the waters of the state from all existing outfalls of the University of Michigan's drainage system as listed in Part II.F. of this permit. The discharge of storm water from new outfalls in the University of Michigan's drainage system is authorized only if installation and operation are in accordance with approved minimum measures requirements in Part I.B.3. – I.B.6.

**b. Discharges Authorized under other NPDES Permits**

The discharge of storm water commingled with discharges authorized under other NPDES permits is authorized under this permit.

**c. Non-Storm Water Discharges**

The following non-storm water discharges are authorized by this permit (unless such discharges are authorized under another NPDES permit), provided the permittee is implementing the storm water minimum measures as set forth in Part I.B. of this permit:

- 1) water line flushing,
- 2) landscape irrigation runoff,
- 3) diverted stream flows,
- 4) rising groundwaters,
- 5) uncontaminated groundwater infiltration (as defined by 40 CFR 35.2005(20)),
- 6) pumped groundwater (except for groundwater cleanups),
- 7) discharges from potable water sources,
- 8) foundation drains,
- 9) air conditioning condensate,
- 10) irrigation water,
- 11) springs,
- 12) water from crawl space pumps,
- 13) footing drains,
- 14) lawn watering runoff,
- 15) water from non-commercial car washing,
- 16) flows from riparian habitats and wetlands,
- 17) residential swimming pool discharges and other dechlorinated swimming pool discharges,
- 18) residual street wash waters, and
- 19) discharges or flows from emergency fire fighting activities.

Nothing in this permit authorizes discharges to the drainage system which result in violation of state Water Quality Standards.

**2. Discharges Requiring Separate Authorizations****a. Tracer Dye Discharges**

This general permit does not authorize the discharge of tracer dyes without approval from the Department. Requests to discharge tracer dyes shall be submitted to the Jackson District Supervisor of the Surface Water Quality Division in accordance with Rule 1097 (Rule 323.1097 of the Michigan Administrative Code).

**PART I****Section A. Authorizations and Coverage Provisions****b. Water Treatment Additives**

This permit does not authorize the discharge of water additives without approval from the Department. Water additives include any material that is added to water to condition or treat the water that discharges from the drainage system.

In the event a permittee proposes to discharge water additives, the permittee shall submit a request to discharge water additives to the Department for approval. Such requests shall be sent to the Great Lakes and Environmental Assessment Section, Surface Water Quality Division, Department of Environmental Quality, P.O. Box 30273, Lansing, Michigan 48909, with a copy to the Jackson District Supervisor. Instructions to submit a request electronically may be obtained via the Internet (<http://www.deq.state.mi.us/swq/gleas/gleas.htm> under SITE LINKS/Water Treatment Additives). Written approval from the Department to discharge such additives at specified levels shall be obtained prior to discharge by the permittee. Additional monitoring and reporting may be required as a condition for the approval to discharge the additive.

A request to discharge water additives shall include all of the following water additive usage and discharge information:

- 1) Material Safety Data Sheet;
- 2) the proposed water additive discharge concentration;
- 3) the discharge frequency (i.e. number of hours per day and number of days per year);
- 4) the monitoring point from which the product is to be discharged;
- 5) the type of removal treatment, if any, that the water additive receives prior to discharge;
- 6) product function (i.e., microbiocide, flocculant, etc.);
- 7) a 48-hour LC50 or EC50 for a North American freshwater planktonic crustacean (either *Ceriodaphnia sp.*, *Daphnia sp.*, or *Simocephalus sp.*); and
- 8) the results of a toxicity test for one other North American freshwater aquatic species (other than a planktonic crustacean) that meets a minimum requirement of Rule 323.1057(2) of the Water Quality Standards.

Prior to submitting the request, the permittee may contact the Great Lakes and Environmental Assessment Section by telephone at 517-335-4184 or via the Internet (<http://www.deq.state.mi.us/swq/gleas/gleas.htm> under SITE LINKS/Water Treatment Additives) to determine if the Department has the product toxicity data required by items 7 and 8 above. If the Department has the data, the permittee will not need to submit product toxicity data.

## PART I

### Section B. Storm Water Management Program – Minimum Measures

The permittee shall revise, implement and enforce the storm water management program designed to reduce the discharge of pollutants from the drainage system to the Maximum Extent Practicable (MEP), to protect water quality and to satisfy the appropriate water quality requirements of the Federal Act and the Michigan Act. The permittee shall submit for approval to the Jackson District Supervisor of the Surface Water Quality Division an approvable revised storm water management program plan. The submittal shall accompany the first annual report in accordance with Part I.C.1.b. The permittee shall continue to implement the storm water management program plan approved on December 15, 1999 until the revised storm water management program plan is approved. The permittee shall begin implementation of the revised storm water management program plan within one year after its approval, unless the Jackson District Supervisor specifies an alternate implementation date.

The revised storm water management program requires implementation of best management practices (BMPs) to comply with the minimum measures identified in this section. Minimum measures shall be carried out in a manner that is environmentally beneficial, technically feasible, and within the permittee's legal authority. If the permittee does not have the power or authority to comply with all minimum measures or parts thereof, the permittee may rely on another permitted public body that has the power or authority to carry out minimum measures or parts of minimum measures on the permittee's behalf. The specific measure(s) and a description of the area or portion of the drainage system that will be addressed by another permitted public body shall be identified by the permittee (see Part I.C.1.d.). The MEP requirement shall be met by implementation of BMPs to comply with the minimum measures for which the permittee has power or authority, plus cooperation with other permitted drainage system operators as necessary to assure compliance with all minimum measures in Part I.B., and a demonstration of effectiveness or environmental benefit for each BMP.

#### 1. Education and Outreach on Storm Water Impacts - Public Education Program

The permittee shall have a public education program to promote, publicize, and facilitate watershed education for the purpose of encouraging the public to reduce the discharge of pollutants in storm water. The public education program may involve combining or coordinating existing programs for public stewardship of water resources. Pollution prevention shall be encouraged. Appropriate BMPs for this minimum measure and measurable goals for each BMP shall be included in the report required under Part I.C.1.b. of this permit.

For Part I.B.1. only, "Public" shall be defined to include all persons associated with the university who potentially could affect the quality of storm water discharges, including, but not limited to, residents, university faculty and staff, visitors to the campus, contractors and vendors working on the campus, and commercial and industrial operations on campus.

The program shall be designed to accomplish the following, as appropriate, based on the potential impact on the watershed:

- a. Educate the public of hazards associated with illicit discharges and improper disposal of waste. Encourage public reporting of the presence of illicit discharges or improper disposal of materials into the permittee's drainage system. Common illicit discharges are construction site wastes and sediment; wastes from laboratory and research projects; painting, maintenance and cleaning wastes; motor vehicle fluids; and dormitory and food service wastes.
- b. Educate the public regarding acceptable application and disposal of pesticides, herbicides, and fertilizers.
- c. Educate the public concerning the ultimate discharge point and potential impacts of pollutants from the drainage system serving their places of residence.
- d. Educate the public about their responsibilities and stewardship in their watershed.
- e. Educate commercial and institutional entities likely to have significant storm water impacts. At a minimum, educate food service entities to prevent grease discharges to storm drains.

**PART I****Section B. Storm Water Management Program – Minimum Measures****2. Public Involvement/Participation**

Public input shall be encouraged in all aspects of the storm water management program. The following minimum actions shall be taken to encourage public input:

- a. The permittee shall follow local public notice requirements, as appropriate, when notifying the public that a storm water management program must be implemented.
- b. The permittee shall inform local stream or watershed protection organizations, if any, of activities under the storm water management program and shall allow them to review and comment on the storm water management program plan.

**3. Illicit Discharge Elimination Program**

The permittee shall develop, implement and enforce a program to prohibit and effectively eliminate illicit discharges, including discharges of sanitary wastewater, to the permittee's drainage system. Appropriate BMPs for this minimum measure and measurable goals for each BMP shall be included in the report required under Part I.C.1.b. of this permit.

"Illicit discharge" means any discharge or seepage that is not composed entirely of storm water into the drainage system, except for discharges specified in Parts I.A.1.b. and c. of this permit. Illicit discharges include dumping of motor vehicle fluids, hazardous wastes, grass clippings, leaf litter, domestic animal wastes, litter or unauthorized discharges of sewage, industrial waste, food services wastes, or any other non-storm water waste into the drainage system.

"Illicit connection" means a physical connection to the drainage system that 1) primarily conveys illicit discharges into the drainage system or 2) is not authorized or permitted by the local authority (where a local authority requires such authorization or permit).

At a minimum, the Illicit Discharge Elimination Program shall include:

- a. A program to find, prioritize, and eliminate illicit connections and minimize illicit discharges to the permitted drainage system from commercial, industrial, institutional, public, and residential sources. The program to find illicit discharges and illicit connections shall include a strategy to conduct routine dry weather screening of enclosed storm water drains leading to all outfalls from the drainage system and to all connections into drainage systems operated by other public bodies.
- b. A program to minimize infiltration of ground water contaminated by seepage from sanitary sewers and on-site sewage disposal systems into the drainage system.
- c. The legal authority to prohibit discharges into the drainage system operated by the permittee. The permittee shall have the legal authority, which may be a combination of state statute, municipal statute, ordinance, permit, order, rules, regulations, or other means available to the permittee, for the purpose of:
  - 1) regulating the contribution of pollutants to the drainage system;
  - 2) regulating the rate at which water flows into the drainage system;
  - 3) prohibiting illicit connections and illicit discharges including the direct dumping or disposal of materials other than storm water into the drainage system;
  - 4) requiring compliance with ordinances, permits issued by the permittee, contracts or orders; and
  - 5) conducting all inspection, surveillance and monitoring procedures necessary to determine compliance with ordinances, permits issued by the permittee, contracts, orders, and the terms and conditions of this permit.

**PART I****Section B. Storm Water Management Program – Minimum Measures****4. Post Construction Storm Water Management Program for New Development and Redevelopment Projects**

The permittee shall revise, as necessary, implement and enforce a program to address storm water runoff from new development and redevelopment projects that discharge into the drainage system and: 1) disturb areas greater than or equal to one acre, or 2) disturb areas less than one acre but are part of a larger common plan of development or sale. The program shall ensure that controls are in place that will prevent or minimize water quality impacts, including resource impairment resulting from extreme flow conditions. Appropriate BMPs for this minimum measure and measurable goals for each BMP shall be included in the report required under Part I.C.1.b. of this permit.

Under the program for new development and redevelopment projects the permittee shall:

- a. Develop and implement a comprehensive storm water master plan for development, implementation, and enforcement of controls watershed-wide or jurisdiction-wide to protect the designated uses in all receiving waters from the effects commonly associated with urbanization. Common effects of urbanization include stream “flashiness” (higher peak flows and lower base flow), increased stream-bank erosion, increased stream temperature and pollutant load, reduced stream-bank vegetation, and degraded fish habitat. Example master plan controls for prevention of impacts from urbanization include policies and ordinances that provide requirements and standards for directing growth to identified areas, protecting sensitive areas such as wetlands and riparian areas, maintaining and/or increasing open space (including a dedicated funding source for open space acquisition), encouraging infill development in higher density urban areas and areas with existing infrastructure, and coordinating release rates for detention basins to minimize flow conditions that may cause stream bank erosion.
- b. Develop and implement ordinances, other regulatory mechanisms, or other means to address post construction storm water runoff from new development and redevelopment projects to the extent allowable under state or local law. Objectives of the ordinances, other regulatory mechanisms, or other means should be to protect receiving water quality from the impacts of development and limit the rate at which surface water runoff discharges from any specific site during and following development or redevelopment to not exceed the pre-development hydrologic regime. The ordinances, other regulatory mechanisms or other means shall include:
  - 1) Requirements for implementation of appropriate non-structural and/or structural BMPs. Non-structural BMPs are preventative actions that involve management and source controls. Examples include: buffers along sensitive water bodies, education programs for developers and the public about project designs that minimize water quality and quantity impacts, minimum disturbance of soils and vegetation, and restrictions on directly connected impervious areas. Structural BMPs are physical controls that improve water quality, including storage practices. Examples of structural BMPs include: wet ponds and extended-detention outlet structures; filtration practices such as grassed swales, sand filters and filter strips; and infiltration practices such as infiltration basins and infiltration trenches.
  - 2) Requirements for adequate long-term operation and maintenance of BMPs.
- c. Develop and implement a process for review of post-construction storm water BMPs in initial site plans, as applicable.
- d. Minimize the occurrence of illicit discharges and spills into the drainage system by reviewing site plans for commercial operations to ensure that storm drain inlets are adequately isolated from pollutant sources. Equipment washing and waste material handling shall not result in discharge of wastes to the drainage system. Polluting materials shall be handled only in areas that provide secondary containment in accordance with state and federal law.

**5. Construction Storm Water Runoff Control**

The permittee shall revise, as necessary, implement and enforce a program to address storm water runoff from areas of construction activity that discharge into the permittee's drainage system. Appropriate BMPs for this minimum measure and measurable goals for each BMP shall be included in the report required under Part I.C.1.b. of this permit.

Under the Construction Storm Water Runoff Control Program, the permittee shall:

**PART I****Section B. Storm Water Management Program – Minimum Measures**

- a. Notify the appropriate Soil Erosion and Sedimentation Agency and the Department in accordance with Part I.C.2.a. of this permit if a construction activity results in soil erosion and sedimentation that deposits or threatens to deposit solids into the drainage system. Take steps as necessary to prevent further deposit of solids into the drainage system.
- b. Review preliminary site plans to ensure adequate allowance for soil erosion and sedimentation controls, as appropriate.
- c. Have a procedure to receive and consider complaints or other information submitted by the public regarding construction site storm water runoff leading to the drainage system.

**6. Pollution Prevention/Good Housekeeping for University Operations**

The permittee shall develop and implement a program of operation and maintenance BMPs with the ultimate goal of preventing or reducing pollutant runoff from university operations to the maximum extent practicable. The permittee shall ensure that employees properly handle wastes, recyclables, chemicals, and equipment used on the job; maintain a clean work area; regularly maintain storm water controls, and identify and report various storm water pollution sources including illicit discharges, malfunctioning post-construction controls, and poor soil erosion and sedimentation controls at construction sites. The program shall include employee training to prevent and reduce storm water pollution through proper implementation of BMPs in accordance with this minimum measure. The program may be developed and implemented using BMP guidance and training materials that are available from federal, state or local agencies, or other organizations. Appropriate BMPs for this minimum measure and measurable goals for each BMP shall be included in the report required under Part I.C.1.b. of this general permit.

The program, and all approved updates, shall satisfy the following requirements:

- a. **Structural Controls**  
Structural controls such as storm drain catch basins, vegetated swales, infiltration basins, sedimentation basins, and any controls installed or operated by the permittee to remove pollutants from storm water shall have routine maintenance, maintenance schedules, and long-term inspection procedures adequate to provide pollution removal effectiveness to the maximum extent practicable. Structural controls and cleaning schedules may need to be enhanced in the future if other control measures fail to adequately reduce the discharge of sediments, floatables and other pollutants that may be found in or discharging to or from drainage systems.  
  
The permittee shall describe and implement procedures for the proper disposal of operation and maintenance waste such as dredge spoil, accumulated sediments, floatables, and other debris the permittee removes from the drainage system.
- b. **Roadways**  
The permittee shall construct, operate and maintain its streets, roads, highways, parking lots and other large paved surfaces in a manner so as to reduce the discharge of pollutants, including those related to deicing activities, into the drainage system  
  
The procedural BMPs described shall, at a minimum, maintain effective street cleaning and catch basin maintenance programs. The street cleaning and catch basin maintenance programs shall be part of an overall plan to reduce the discharge of sediments, floatables, and associated pollutants into the drainage system. Salt and sand applied for improved traction shall be prevented from entering receiving streams to the maximum extent practicable.  
  
The permittee shall not discharge to waters of the state any wastewater generated from cutting, grinding, drilling or hydrodemolition of concrete or asphalt.
- c. **Fleet Maintenance**  
The permittee shall assure that vehicle maintenance activities do not impact storm water runoff quality. Vehicle maintenance activities include adding or changing fluids including fuel, lubrication, mechanical repairs, parts degreasing, and vehicle or equipment washing. Discharge of wash water is not authorized by this permit. Vehicles and equipment shall be maintained for clean and effective operation to prevent impacts on storm water quality.

**PART I****Section B. Storm Water Management Program – Minimum Measures**

- d. **Storm Sewer Labeling**  
The permittee shall provide permanent identification (e.g., label, color coding, or other identifying characteristic) for any outfall structure that the permittee constructs or installs after March 10, 2004 that discharges storm water to waters of the state. Following the addition of permanent identification, the primary operator of the drainage system shall be readily identifiable by observation of the outfall structure.
- e. **Flood Control Projects**  
The permittee shall ensure that new flood management projects assess the impacts on the water quality of the receiving water and, whenever possible, shall examine existing projects for incorporation of additional water quality protection BMPs.
- f. **Pesticides and Fertilizers**  
The permittee shall minimize the discharge of pollutants related to the storage, handling and use of pesticides, herbicides, and fertilizers on land that the permittee manages. BMPs required under this measure include employee training, and soil testing on all lands that the permittee fertilizes. Fertilizers shall be applied only in accordance with soil test results and recommendations.

**PART I****Section C. Program Assessment and Reporting****1. Annual Report and Storm Water Management Program Plan Submittal****a. Contact Person**

The permittee shall designate a storm water program manager to serve as the contact person for the Department regarding activities carried out to comply with this permit. The permittee may replace the program manager at any time and shall notify the Jackson District Supervisor within ten days after the replacement.

**b. First Year Report**

On or before October 1, 2002, the first annual report describing the progress toward compliance with requirements of this permit shall be submitted to the Jackson District Supervisor for approval. The report shall include an approvable storm water management program plan consisting of descriptions and schedules for best management practices (Part I.C.1.b.1) and measurable goals (Part I.C.1.b.2) for those best management practices. The first-year annual progress report shall include all of the following:

**1) Best Management Practices (BMPs)**

The permittee shall submit a listing of the BMPs that will be or have been implemented for each of the minimum measures identified in Part I.B. of this permit. The list shall include BMPs already implemented or proposed under the permittee's existing storm water management program and any additional BMPs or efforts needed to comply with the MEP requirement of this permit.

**2) Measurable Goals**

The permittee shall submit a description of the measurable goals for each of the BMPs identified in accordance with Part I.C.1.b.1. The measurable goals shall demonstrate results that relate to an environmental benefit. The submittal shall also identify the years (and months as appropriate) that proposed BMPs will be implemented, interim milestones for all BMPs, and the frequency of actions.

Interim milestones may include descriptions of BMP implementation or the results of BMP implementation. Descriptions of BMP implementation should be quantifiable if possible. Examples descriptions include: total miles of storm sewer lines or number of buildings inspected for illicit discharges; number of fliers mailed or informational programs conducted for public education; or number of streets swept or catch basins cleaned as a pollution prevention activity. Results of BMP implementation may describe results such as the number and types of illicit connections identified and corrected; survey results showing a change in public awareness of storm water issues; or the volume of solids removed during street sweeping and catch basin cleaning operations.

**3) Compliance Assessment**

The permittee shall describe the status of compliance with the storm water management program plan approved on December 15, 1999. Compliance status shall include reporting of program effectiveness as established under "Assessment of Storm Water Management Program Effectiveness" in Part III.A. of the previous NPDES storm water permit.

**4) Receiving Water Quality Status**

The permittee shall provide a description of the status of the water quality in the waters of the state within the permittee's political or territorial boundaries.

**5) Receiving Water Quality Stresses**

The permittee shall identify and prioritize the stresses on the waters of the state within the permittee's political or territorial boundaries.

**6) Revised Fiscal Analysis**

The permittee shall provide a summary of revisions, if necessary, to the fiscal analysis reported during the previous permit, pursuant to permit application requirements at 40 CFR 122.26(d)(2)(vi).

**7) Upcoming Activities**

The permittee shall provide a summary of the storm water activities to be implemented during the next annual reporting cycle.

**PART I****Section C. Program Assessment and Reporting**

- 8) **Annual Budget**  
The permittee shall provide the previous fiscal year's annual expenditures and proposed budget for the fiscal year following the report.
- c. **Mid-Year Reports**  
On or before April 1, 2003, and annually thereafter, a mid year progress report shall be submitted to the Jackson District Supervisor. The mid-year progress report shall include a brief summary of information collected in accordance with Part I.C.1.e.1. for the period following the latest annual report.
- d. **Permitted Drainage System Operator Identification**  
Drainage systems can have multiple operators (co-operators). Often, no single drainage system operator has the power or authority to comply with all terms and conditions of this permit for its drainage system(s). If the permittee is not the sole permitted operator of a drainage system, then the permittee shall report under this part on or before April 1, 2003 to assure that all permitted co-operators are identified and that the terms and conditions of this permit can be met. The permittee shall not rely on a drainage system co-operator who has not applied for an NPDES permit for the portion of the drainage system co-operated with the permittee. Failure to report under this part, if applicable, is a violation of this permit.
- 1) **Notice of Reliance on a Co-operator**  
The permittee shall notify the Jackson District Supervisor of all drainage system co-operators that will be relied upon to satisfy terms and conditions of this permit for drainage system(s) co-operated with the permittee. Notification shall include the name of all permitted or imminently permitted co-operators and shall specify the permit terms and conditions that will be satisfied by each drainage system co-operator identified. The permittee is solely responsible for the terms and conditions of this permit unless notice is received under this part and the co-operator obtains an NPDES permit.
- A copy of the notice shall be sent to each drainage system co-operator named in the notice.
- 2) **Notice of Obligation to a Co-operator**  
The permittee shall notify the Jackson District Supervisor if its storm water measures will satisfy any terms and conditions of a permit held by another drainage system co-operator. Notification shall include the name of the other co-operator(s) and shall specify the permit terms and conditions that will be met for the other co-operator(s).
- 3) **Notice of Permitted Drainage System Operators Within Local Jurisdictions**  
The permittee shall submit to the Jackson District Supervisor a general description of each area or drainage system within the political or territorial boundaries of the University for which another drainage system operator is permitted or will imminently apply for a permit. A permittee that does not report under this part has sole responsibility to comply with the terms and conditions of this permit for all drainage system(s) within its political or territorial boundaries.
- e. **Subsequent Annual Reports**  
A report shall be submitted to the Jackson District Supervisor on or before October 1, 2003, and annually thereafter. The Jackson District Supervisor may approve an alternate date for annual report submittal if requested and adequately justified by the permittee. The annual progress reports shall contain the following information:
- 1) **Compliance Assessment**  
The permittee shall describe the status of compliance with permit conditions, including a report of illicit discharges and illicit connections removed, shall assess the appropriateness of all identified BMPs, and shall describe the progress towards achieving the identified measurable goals for each of the BMPs. This requirement replaces the "Assessment of Storm Water Management Program Effectiveness" in Part III.A. of the previous permit.
- 2) **Environmental Impacts**  
The permittee shall provide an assessment of the pollution reduction and probable receiving water quality impacts associated with program implementation. When applicable, a statement shall be included regarding any negative water quality impacts that may have occurred as a result of any illicit discharges or accidental spills during the past year.

## PART I

### Section C. Program Assessment and Reporting

3) Water Quality Assessment

The permittee shall provide an assessment of the water quality conditions within their jurisdiction.

4) Data and Results

The permittee shall provide a summary of all information collected and analyzed, including monitoring data, if any, during the annual reporting cycle.

5) Upcoming Activities

The permittee shall provide a summary of the storm water activities to be implemented during the next annual reporting cycle. The summary shall include schedules for elimination of any illicit connections identified but not disconnected prior to annual report submittal.

6) BMP Changes

The permittee shall describe any planned changes in identified BMPs or measurable goals for any of the minimum measures.

7) Notice of Changes in Reliance on Permitted Drainage System Operators.

The permittee shall describe any changes in the need to rely on other permitted drainage system operators to satisfy the terms and conditions of this permit, as defined in Part I.C.1.d.

8) Drainage System Changes

The permittee shall provide an update on areas added to the drainage system due to annexation or other statutory processes (if applicable).

9) Revised Fiscal Analysis

The permittee shall provide a summary of revisions, if necessary, to the fiscal analysis reported during the previous permit, pursuant to permit application requirements at 40 CFR 122.26(d)(2)(vi).

10) Annual Budget

The permittee shall provide the previous fiscal year's annual expenditures and proposed budget for the fiscal year following the report.

**PART I****Section C. Program Assessment and Reporting****2. Notification Requirements****a. Regulated Discharges into the Drainage System**

The permittee shall notify the Jackson District Supervisor, verbally, within 24 hours of becoming aware of any discharges to the drainage system that the permittee suspects may endanger health or the environment if the discharges are from facilities/sites that are not complying or will be unable to comply with the following:

- 1) requirements of an NPDES permit, including an individual permit, a general permit, or the Permit-by-Rule for storm water discharges from construction sites;
- 2) requirements of a State of Michigan permit for soil erosion and sedimentation control pursuant to Part 91 of P.A. 451 of 1994;
- 3) requirements of a State of Michigan permit for discharge of liquid wastes to groundwater pursuant to the Michigan Act;
- 4) requirements of Part 5 (Polluting Materials) of the administrative rules promulgated under the Michigan Act; or
- 5) Water Quality Standards.

Non-compliance as described above that does not pose imminent danger to health or the environment shall be reported by the permittee, either verbally or in writing, within five (5) days of the time the permittee becomes aware of it.

**b. Noncompliance Notification**

The permittee shall submit written documentation to the Jackson District Supervisor within 14 days of having knowledge of any reason the permittee is not complying with or will be unable to comply with any condition specified in this permit. Written documentation shall include the following information:

- 1) a description of the circumstances, including the type of noncompliance;
- 2) the period of noncompliance (if known), including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncompliance; and
- 3) for illegal discharges to the system, the estimated volume of discharge, a description of the type of pollutants in the discharge, the location of the discharge into the system, the location of the outfall from which the discharge enters waters of the state; identification of the parties responsible for the discharge, if known, and the facility or the construction site from which the discharge originated, if known.

**3. Identification of Additional Point Source Discharges of Storm Water**

If the permittee becomes aware of any drainage system discharge points it operates, which discharge either to waters of the state or to a drainage system operated by another public body, which were not on the list in Part II.F., the permittee shall provide the following information to the Jackson District Supervisor within 30 days of becoming aware of the discharge(s): the location of the discharge, if coverage of the additional storm water discharge is being requested, and the name of the receiving water or other drainage system operator that receives the discharge. This requirement may be satisfied by providing a map of the permittee's complete drainage system.

## PART I

### Section C. Program Assessment and Reporting

#### 4. Recordkeeping

The latest approved version of the Storm Water Management Program Plan developed in accordance with this general permit shall be retained by the permittee and available for inspection in accordance with Part II.D.7. of this general permit. All records and information resulting from the preparation of the annual progress reports, including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation, shall be retained by the permittee for a minimum of three years, or longer if requested by the Jackson District Supervisor or the Regional Administrator.

#### 5. Storm Water Management Program Modification

a. Modifications Requested by the Permittee

The approved Storm Water Management Program may be modified by the permittee as follows:

- 1) Modifications adding (but not subtracting or replacing) components, controls, or requirements to the approved Storm Water Management Program may be made by the permittee at any time upon written notification to the Jackson District Supervisor. Notification shall include a description of the modification.
- 2) Modifications replacing an ineffective or unfeasible BMP specifically identified in the Storm Water Management Program with an alternative BMP may be requested at any time by written notification to the Jackson District Supervisor. Unless denied by the Jackson District Supervisor, the modification shall be deemed approved and may be implemented by the permittee 60 days from submittal of the request. Such requests must include the following:
  - a) an analysis of why the BMP is ineffective or unfeasible (including cost prohibitive);
  - b) expectations on the effectiveness of the replacement BMP; and
  - c) an analysis of why the replacement BMP is expected to achieve the goals of the BMP to be replaced.

b. Modifications Required by the Permitting Authority:

The Department may require the permittee to modify the Storm Water Management Program as needed to:

- 1) address contributions by the drainage system discharges which impair receiving water quality;
- 2) include more stringent requirements necessary to comply with new state or federal statutory or regulatory requirements; or
- 3) include such other conditions deemed necessary by the Jackson District Supervisor to comply with the goals and requirements of the Federal Act or the Michigan Act.

#### 6. Expiration and Reissuance

If the permittee wishes to continue a discharge authorized under this permit beyond the permit's expiration date, the permittee shall submit a written request to the Jackson District Supervisor on or before April 1, 2006. A person operating under an expired permit shall continue to be subject to the terms and conditions of the expired permit until the permit is terminated, revoked, or reissued.

If this permit is terminated or revoked, all authorizations to discharge under the permit shall expire on the date of termination or revocation.

#### 7. Waste Load Allocation Reopener

If storm water controls are needed for the discharge based on waste load allocations that are part of "total maximum daily loads" (TMDLs) that address the pollutant(s) of concern, then the permit may be modified by the Department in accordance with applicable laws and rules.

## PART II

### Section A. Definitions

This list of definitions may include terms not applicable to this permit.

**Department** means the Michigan Department of Environmental Quality.

**District Supervisor:** The Jackson District Supervisor of the Surface Water Quality Division is located at the Jackson District Office-DEQ, Surface Water Quality Division, 301 East Louis Glick Highway, Jackson, Michigan 49201-1556, telephone: 517-780-7690 (fax: 517-780-7855).

**Division of Health Facility Services -- Health Facility Evaluation Section, Michigan Department of Consumer and Industry Services** mailing address is P.O. Box 30195, Lansing, Michigan 48909.

**Drainage System Operator:** See "Municipal Separate Storm Water Drainage System Operator".

**Drinking Water and Radiological Protection Division -- Environmental Health, Michigan Department of Environmental Quality** mailing address is P.O. Box 30630, Lansing, Michigan 48909-8130.

**Municipal Separate Storm Water Drainage System Operator** means a public body or statutory housing authority that owns a separate storm water drainage system, or has the power or authority to implement or carry out any of the minimum measures for storm water pollution control as listed in Part I.B. of this permit. There may be multiple drainage system operators within the same geographic area or for the same drainage system.

**On-Site Sewage Disposal System** means a natural system or mechanical device used to collect, treat, and discharge or reclaim wastewater from one or more dwelling units without the use of community-wide sewers or a centralized treatment facility.

**Polluting Materials** means oil and any material, in solid or liquid form, identified as polluting material under the Part 5 Rules of the Michigan Administrative Code.

**POTW** is a publicly owned treatment works as defined at 40 C.F.R. §403.3.

**Public Body** means the United States, the State of Michigan, city, village, township, county, school district, public college or university, single purpose governmental agency; or any other governing body which is created by federal or state statute or law.

**Regional Administrator** is the Region 5 Administrator, U.S. EPA, located at R-19J, 77 W. Jackson, Blvd., Chicago, Illinois 60604.

**Separate Storm Water Drainage System** means a system (including but not limited to roads, catch basins, curbs, gutters, parking lots, ditches, conduits, pumping devices, or man-made channels) that is designed or used for collecting or conveying storm water; is not a combined sewer where storm water mixes with sanitary wastes; and is not part of a POTW. The term does not include separate storm water drainage conveyances that serve an individual building or comparable discrete area. The system may convey the non-storm water discharges specified in Part I.A.1.b. through Part I.A.1.d.

**Statutory Housing Authority** means the governing body of a condominium association of co-owners or manufactured home community.

**Storm water** means storm water runoff, snow melt runoff, and surface runoff and drainage.

## PART II

### Section A. Definitions

**Waters of the State** means all of the following, but does not include drainage ways and ponds used solely for wastewater conveyance, treatment, or control:

- The Great Lakes and their connecting waters,
- All inland lakes,
- Rivers,
- Streams,
- Impoundments,
- Open drains, and
- Other surface bodies of water within the confines of the state.

**Water Quality Standards** means the Part 4 Water Quality Standards promulgated pursuant to Part 31 of Act No. 451 of the Public Acts of 1994, as amended, being Rules 323.1041 through 323.1117 of the Michigan Administrative Code.

## PART II

### Section B. Monitoring Procedures

#### 1. Representative Samples

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

#### 2. Test Procedures

Test procedures for the analysis of pollutants shall conform to regulations promulgated pursuant to Section 304(h) of the Federal Act (40 CFR Part 136 - Guidelines Establishing Test Procedures for the Analysis of Pollutants). For parameters not specified in the permit or covered by the regulations, test procedures shall be submitted for approval to the Jackson District Supervisor.

The permittee shall periodically calibrate and perform maintenance procedures on all analytical instrumentation at intervals to ensure accuracy of measurements. The calibration and maintenance shall be performed as part of the permittee's laboratory Quality Control/Quality Assurance program.

#### 3. Instrumentation

The permittee shall periodically calibrate and perform maintenance procedures on all monitoring instrumentation at intervals to ensure accuracy of measurements.

#### 4. Recording Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information: 1) the exact place, date, and time of measurement or sampling; 2) the person(s) who performed the measurement or sample collection; 3) the dates the analyses were performed; 4) the person(s) who performed the analyses; 5) the analytical techniques or methods used; 6) the date of and person responsible for equipment calibration; and 7) the results of all required analyses.

#### 5. Monitoring by Permittee

If the permittee monitors any pollutant from the storm water point source discharges identified in Part II.F., the results of such monitoring shall be provided to the Jackson District Supervisor with the Annual Progress Reports required by Part I.C.1.

## PART II

### Section C. Reporting Requirements

#### 1. Compliance Dates Notification

Within 14 days of every compliance date specified in this permit, the permittee shall submit a written notification to the Jackson District Supervisor indicating whether or not the particular requirement was accomplished. If the requirement was not accomplished, the notification shall include an explanation of the failure to accomplish the requirement, actions taken or planned by the permittee to correct the situation, and an estimate of when the requirement will be accomplished. If a written report is required to be submitted by a specified date and the permittee accomplishes this, a separate written notification is not required.

#### 2. Spill Notification

The permittee shall immediately report any spill or loss of any product, by-product, intermediate product, oils, solvents, waste material, or any other polluting substance which occurs to the surface waters or groundwaters of the state by calling the Jackson District Supervisor of the Surface Water Quality Division at 517-780-7690, or if the notice is provided after regular working hours call the Department of Environmental Quality's 24-hour Pollution Emergency Alerting System telephone number, 1-800-292-4706 (calls from out-of-state dial 1-517-373-7660); and within ten (10) days of the spill or loss, the permittee shall submit to the Jackson District Supervisor a full written explanation as to the cause and discovery of the spill or loss, clean-up and recovery measures taken, preventative measures to be taken, and schedule of implementation.

#### 3. Bioaccumulative Chemicals of Concern (BCC)

Consistent with the requirements of Rules 323.1098 and 323.1215 of the Michigan Administrative Code, the permittee is prohibited from undertaking any action that would result in a lowering of water quality from an increased loading of a BCC unless an increased use request and antidegradation demonstration have been submitted and approved by the Department.

#### 4. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities from which the authorized discharge emanates, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Jackson District Supervisor of the Surface Water Quality Division 30 days prior to the actual transfer of ownership or control.

## PART II

### Section D. Management Responsibilities

#### 1. Duty to Comply

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit.

It is the duty of the permittee to comply with all the terms and conditions of this permit. Any noncompliance with the Special Conditions, or terms of this permit constitutes a violation of the Michigan Act and/or the Federal Act and constitutes grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of an application for permit renewal.

#### 2. Facilities Operation

The permittee shall, at all times, properly operate and maintain all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes adequate laboratory controls and appropriate quality assurance procedures.

#### 3. Power Failures

In order to maintain compliance with the effluent limitations of this permit and prevent unauthorized discharges, the permittee shall either:

- a. provide an alternative power source sufficient to operate facilities utilized by the permittee to maintain compliance with the effluent limitations and conditions of this permit; or
- b. upon the reduction, loss, or failure of one or more of the primary sources of power to facilities utilized by the permittee to maintain compliance with the effluent limitations and conditions of this permit, the permittee shall halt, reduce or otherwise control production and/or all discharge in order to maintain compliance with the effluent limitations and conditions of this permit.

#### 4. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to the surface waters or groundwaters of the state resulting from noncompliance with this permit including, but not limited to, such accelerated or additional monitoring as necessary to determine the nature and impact of the discharge in noncompliance.

#### 5. Containment Facilities

The permittee shall provide facilities for containment of any accidental losses of concentrated solutions, acids, alkalies, salts, oils, or other polluting materials in accordance with the requirements of the Part 5 Rules (Rules 323.1151 through 323.1169 of the Michigan Administrative Code). For a Publicly Owned Treatment Work (POTW), these facilities shall be approved under Part 41 of the Michigan Act.

#### 6. Waste Treatment Residues

Residuals (i.e. solids, sludges, biosolids, filter backwash, scrubber water, ash, grit or other pollutants) removed from or resulting from treatment or control of storm water, shall be disposed of in an environmentally compatible manner and according to applicable laws and rules. These laws may include, but are not limited to, the Michigan Act, Part 31 for protection of water resources, Part 55 for air pollution control, Part 111 for hazardous waste management, Part 115 for solid waste management, Part 121 for liquid industrial wastes, Part 301 for protection of inland lakes and streams, and Part 303 for wetlands protection. Such disposal shall not result in any unlawful pollution of the air, surface waters or groundwaters of the state.

**PART II****Section D. Management Responsibilities****7. Right of Entry**

The permittee shall allow the Michigan Department of Environmental Quality, any agent appointed by the Department or the Regional Administrator, upon the presentation of credentials:

- a. to enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and
- b. at reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect process facilities, treatment works, monitoring methods and equipment regulated or required under this permit; and to sample any discharge of pollutants.

**8. Availability of Reports**

Except for data determined to be confidential under Section 308 of the Federal Act and Rule 2128 (Rule 323.2128 of the Michigan Administrative Code), all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department and the Regional Administrator. As required by the Federal Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Federal Act and Sections 3112, 3115, 4106 and 4110 of the Michigan Act.

## **PART II**

### **Section E. Activities Not Authorized by This Permit**

#### **1. Discharge to the Groundwaters**

This permit does not authorize any discharge to the groundwaters. Such discharge may be authorized by a groundwater discharge permit issued pursuant to the Michigan Act.

#### **2. Facility Construction**

This permit does not authorize or approve the construction or modification of any physical structures or facilities. Approval for such construction for a POTW must be by permit issued under Part 41 of the Michigan Act. Approval for such construction for a mobile home park, campground or marina shall be from the Drinking Water and Radiological Protection Division -- Environmental Health, Michigan Department of Environmental Quality. Approval for such construction for a hospital, nursing home or extended care facility shall be from the Division of Health Facility Services -- Health Facility Evaluation Section, Michigan Department of Consumer and Industry Services upon request.

#### **3. Civil and Criminal Liability**

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance, whether or not such noncompliance is due to factors beyond the permittee's control, such as accidents, equipment breakdowns, or labor disputes.

#### **4. Oil and Hazardous Substance Liability**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee may be subject under Section 311 of the Federal Act except as are exempted by federal regulations.

#### **5. State Laws**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Federal Act.

#### **6. Property Rights**

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize violation of any federal, state or local laws or regulations, nor does it obviate the necessity of obtaining such permits or approvals from other units of government as may be required by law.

## PART II

**Section F. Outfalls of the University of Michigan Drainage System**

The University of Michigan shall notify the Jackson District Supervisor of any outfalls that are newly identified or newly constructed as part of the University of Michigan's drainage system and are not on the following list:

OUTFALL ID#	SEWER SIZE	OPEN OR CLOSED	LOCATION OF DISCHARGE	NAME OF RECEIVING WATER	ULTIMATE RECEIVING WATER	UNIVERSITY OF MICHIGAN GRID CELL
O-1	12 IN.	CLOSED	SOUTH OF JEFFERSON AND DIVISION	CITY OF ANN ARBOR	ALLEN CR.	A-6
O-2	15 IN.	CLOSED	JEFFERSON AND THOMPSON	CITY OF ANN ARBOR	ALLEN CR.	A-6
O-3	15 IN.	CLOSED	WILLIAM AND THOMPSON	CITY OF ANN ARBOR	ALLEN CR.	A-6
O-4	60 IN.	CLOSED	S. DIVISION AND HILL	CITY OF ANN ARBOR	ALLEN CR.	A-7
O-5	48 IN.	CLOSED	S. DIVISION AND HILL	CITY OF ANN ARBOR	ALLEN CR.	A-7
O-6	24 IN.	CLOSED	SW OF S. DIVISION AND HOOVER	CITY OF ANN ARBOR	ALLEN CR.	A-7
O-7	24 IN.	CLOSED	SW OF S. DIVISION AND HOOVER	CITY OF ANN ARBOR	ALLEN CR.	A-7
O-8	24 IN.	CLOSED	E. OF GREEN AND HOOVER	CITY OF ANN ARBOR	ALLEN CR.	A-7
O-9	6 IN.	CLOSED	S. DIVISION AND HOOVER	CITY OF ANN ARBOR	ALLEN CR.	A-7
O-10	15 IN.	CLOSED	SYBIL AND HOOVER	CITY OF ANN ARBOR	ALLEN CR.	A-7
O-11	48 IN.	CLOSED	N. OF STADIUM BLVD.	CITY OF ANN ARBOR	ALLEN CR.	A-8
O-12	10 IN.	CLOSED	STATE ST. SPORTS SERVICE BLDG.	CITY OF ANN ARBOR	ALLEN CR.	A-8
O-13	10 IN.	CLOSED	STATE ST. SPORTS SERVICE BLDG.	CITY OF ANN ARBOR	ALLEN CR.	A-8
O-14	8 IN.	CLOSED	STATE ST. SE CORNER YOST	CITY OF ANN ARBOR	ALLEN CR.	A-8

## PART II

OUTFALL ID#	SEWER SIZE	OPEN OR CLOSED	LOCATION OF DISCHARGE	NAME OF RECEIVING WATER	ULTIMATE RECEIVING WATER	UNIVERSITY OF MICHIGAN GRID CELL
O-15	8 IN.	CLOSED	STATE ST. NE CORNER YOST ARENA	CITY OF ANN ARBOR	ALLEN CR.	A-8
O-16 (U-20)	30 IN.?	OPEN	NW OF FULLER AND GLEN STREETS	HURON RIVER	HURON RIVER	B-4
O-17	18 IN.	CLOSED	SOUTH UNIVERSITY AND CHURCH ST.	CITY OF ANN ARBOR	ALLEN CR.	B-6
O-18	24 IN.	CLOSED	MONROE AND OAKLAND	CITY OF ANN ARBOR	ALLEN CR.	B-7
O-19	30 IN.	CLOSED	HILL AND EAST UNIVERSITY	CITY OF ANN ARBOR	ALLEN CR.	B-7
O-20	10 IN.	CLOSED	CHURCH AND HILL	CITY OF ANN ARBOR	ALLEN CR.	B-7
O-21	6 IN.	CLOSED	E. OF WILLIAM AND EAST UNIVERSITY	CITY OF ANN ARBOR	ALLEN CR.	B-7
O-22	6 IN.	CLOSED	HALFWAY BETWEEN E. UNIVERSITY AND CHURCH ST. ON WILLARD	CITY OF ANN ARBOR	ALLEN CR.	B-7
O-23	6 IN.	CLOSED	SOUTH OF WILLARD AND CHURCH	CITY OF ANN ARBOR	ALLEN CR.	B-7
O-24 (U-7)	30 IN.	OPEN	EAST OF NICHOLS DR.	HURON RIVER	HURON RIVER	C-4
O-25 (U-19-A)	30 IN.?	OPEN	EAST OF NICHOLS DR.	HURON RIVER	HURON RIVER	C-4
O-26 (U-10)	30 IN.	OPEN	EAST OF NICHOLS DR.	HURON RIVER	HURON RIVER	C-5
O-27 (U-21)	6 IN.	OPEN	N. OF NICHOLS DR.	HURON RIVER	HURON RIVER	C-5
O-28	36 IN.	OPEN	WEST OF PLYMOUTH AND BROADWAY	TRAVER CR.	HURON RIVER	C-2

## PART II

OUTFALL ID#	SEWER SIZE	OPEN OR CLOSED	LOCATION OF DISCHARGE	NAME OF RECEIVING WATER	ULTIMATE RECEIVING WATER	UNIVERSITY OF MICHIGAN GRID CELL
O-29	12 IN.	OPEN	SOUTH OF GILBERT AND BAITS	RETENTION POND	HURON RIVER	C-3
O-30	42 IN.	CLOSED	FULLER AND BONISTEEL	CITY OF ANN ARBOR	HURON RIVER	C-4
O-31 (U-13)	27 IN.	CLOSED	EAST OF MCINTYRE	PARKE DAVIS CITY OF ANN ARBOR	MILLER CR.	D-2
O-32 (U-12)	12 IN.	CLOSED	EAST OF MCINTYRE (NORTHWOOD 4)	PARKE DAVIS CITY OF ANN ARBOR	MILLER CR.	D-2
O-33	36 IN.	OPEN	NE OF BISHOP AND PLYMOUTH	RETENTION POND	RETENTION POND	D-2
O-34	15 IN.	CLOSED	BEAL AND GLAZIER WAY	CITY OF ANN ARBOR	MILLER CR.	D-4
O-35	15 IN.	CLOSED	BEAL AND GLAZIER WAY	CITY OF ANN ARBOR	MILLER CR.	D-4
O-36	18 IN.	OPEN	SE OF BAXTER AND HURON PARKWAY	MILLER CR.	HURON RIVER	E-2
O-37	10 IN.	OPEN	SE OF BAXTER AND HURON PARKWAY	MILLER CR.	HURON RIVER	E-2
O-38	10 IN.	OPEN	SE OF BAXTER AND HURON PARKWAY	MILLER CR.	HURON RIVER	E-2
O-39	24 IN.	OPEN	SOUTH OF BAXTER RD. EAST OF I.T.I.	MILLER CR.	HURON RIVER	E-2
O-40	18 IN.	OPEN	SOUTH OF BAXTER RD. (PROPERTY CONTROL)	MILLER CR.	HURON RIVER	E-2
O-41	42 IN.	OPEN	SOUTH OF BAXTER RD. (NE CORNER OF INCINERATOR)	MILLER CR.	HURON RIVER	E-2
O-42	4 IN.	OPEN	SOUTH OF BAXTER EAST OF I.T.I.	MILLER CR.	HURON RIVER	E-2

## PART II

OUTFALL ID#	SEWER SIZE	OPEN OR CLOSED	LOCATION OF DISCHARGE	NAME OF RECEIVING WATER	ULTIMATE RECEIVING WATER	UNIVERSITY OF MICHIGAN GRID CELL
O-43	4 IN.	OPEN	SOUTH OF BAXTER EAST OF I.T.I.	MILLER CR.	HURON RIVER	E-2
O-44	18 IN.	OPEN	SOUTH OF BAXTER	MILLER CR.	HURON RIVER	E-2
O-45	10 IN.?	OPEN	NE OF HUBBARD AND HURON PARKWAY	MILLER CR.	HURON RIVER	E-3
O-46 (U-17)	18 IN.	OPEN	EAST OF HUBBARD AND HURON PARKWAY	MILLER CR.	HURON RIVER	E-3
O-47	12 IN.	OPEN	EAST OF HURON PARKWAY (SW CORNER NORTHWOOD 5)	MILLER CR.	HURON RIVER	E-3
O-48	24 IN.	OPEN	SW OF HUBBARD AND HURON PARKWAY	MILLER CR.	HURON RIVER	E-3