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| --- |
| **PROJECT NAME**:  |
| Property Tax Identification #:  |
| Site Plan Review Date:  |
| Date Issued:  |
| Expiration Date:  |
| **NAME OF DEVELOPER/OWNER:**  | **ENGINEER/ARCHITECT:**  |
| Contact Person:  | Contact Person:  |
| Street Address:  | Street Address:  |
| City, State, Zip:  | City, State, Zip:  |
| Telephone:  | Telephone:  |
| Email:  | Email:  |
| **PROJECT LOCATION:**  | County:  |
| Street Address:  | Town – Range, Section:  |
| Village/City, State Zip:  | Name of Subdivision/Plat:  |
|   | Lot No:  |
| TYPE OF DEVELOPMENT:  |   |
| AREA OF DEVELOPMENT (ACRES):  |   |
| AREA OF CONTRIBUTING DRAINAGE DISTRICT (ACRES):  |   |
| AREA OF EXISTING ROOF AND PAVED (ACRES):  |   |
| TOTAL ROOF AND PAVED AFTER DEVELOPMENT (ACRES):  |   |
| OUTLET DRAIN:  |   |
| DESIGN IMPERVIOUS FACTOR (IF NEEDED):  |   |
| MAXIMUM ALLOWABLE DISCHARGE FROM SITE (CFS):  |   |
| ACTUAL RESTRICTED DISCHARGE (CFS):  |   |
| REQUIRED ON-SITE STORAGE (CUBIC FEET):  |   |
| STORAGE PROVIDED (CUBIC FEET):  |   |
| RESTRICTOR’S SIZE AND LOCATION:  |   |
| INSPECTION REQUIREMENTS:  |
| COMMENTS/COMPLIANCE REQUIREMENTS:  |
| ATTACHMENTS: Approved Plans  |
|  cc: Bridgeport Charter Township | PLEASE REFER TO BACK FOR ADDITIONAL INFORMATION REGARDING THIS PERMIT  |

**BRIDGEPORT CHARTER TOWNSHIP**

**STORM WATER DISCHARGE APPLICATION FORM**

## DRAINAGE PLAN CHECKLIST

In order for the Owner, Developer, or Builder to be in compliance with these guidelines he/she shall for review by Bridgeport Charter Township’s Engineer or designee, email complete sets of the site drainage and grading plan, and copies of the calculations for allowable discharge and on-site storage requirements, as prepared by a Registered Professional Engineer or Architect. A copy of the completed checklist will be sent with all submittals.

Each of the following items shall be included on the plan:

 Total acres of site.

 Total acres of watershed draining through the site outlet.

 Drainage district lines including sub-district lines contributing to individual storm sewers and rear lot drainage systems.

 Location of site including dimension to nearest intersection road or section line.

 Existing ground elevations at maximum 50' centers, including shots on perimeter of site and 50' beyond or contour lines at 1-foot intervals extending 50 feet beyond the site limits.

 Elevations of ground, edge of pavement, and buildings within 50' of site.

 Top of curb, gutter, ditch line, and centerline of road elevation at maximum 50' intervals.

 Existing storm catch basins, manholes, sewers, and culverts showing rim and invert elevation(s).

 Proposed elevations showing parking lot grades and control and building elevations.

 Lawn/landscape areas.

 Location, size, length, slope, and type of proposed storm sewer and rear lot drains.

 Rim and invert elevation(s) of proposed manholes and catch basins, including rear lot drainage.

 Location of on-site storage showing contour line for the top of storage elevation.

 Provide sufficient dimensions, cross-sections, profiles, tie downs, etc. to determine the location and size of proposed storm sewers and detention areas. This information will be used for verifying proposed detention volume calculations in grassed and paved areas.

 Location of restrictor and proposed restrictor detail(s).

 **\_\_\_\_\_\_\_\_** Location and elevation of the Emergency Overflow.

## DRAINAGE PLAN CHECKLIST

### DRAINAGE PLAN - CHECKLIST (Continued)

Each of the following items shall be included in the submitted calculations:

 Drainage District and impervious factor (if applicable and already established for the location of the site).

 Calculation of maximum allowable discharge (Obtain impervious factor from Bridgeport Charter

Township’s Engineer and/or SCPWC Engineer, if applicable).

 Calculation of on-site storage required.

 Calculation of storage volume provided.

 Calculation of restrictor size.

 Hydrologic & Hydraulic Calculations for sizing storm sewer systems, which will be maintained by a public agency.

 Hydrologic and Hydraulic calculations showing there will be no adverse impacts upstream or downstream of the proposed development.

Beyond Bridgeport Charter Township’s Storm Water Management Plan Design Standards, the Developer must submit applications for permits with all agencies that regulate storm water within the area of development. These may include Michigan Department of Transportation, Michigan Department of Environment, Great Lakes and Energy, Saginaw County Public Works Commissioner (SESC and/or Outlet Discharge Review, Approval and Inspection), or the Saginaw County Road Commission.