

DRAINAGE PLAN SUBMITTAL CHECKLIST

- 1. Completed *Application for Drainage Approval*.
- 2. Initial Drainage Approval review fee of \$250.00.
- 3. *Storm Water User Fee Credit Application Package*, if applicable, with User Fee Credit review fee(s).
- 4. 2 sets Site/Drainage plans which contain the following:
 - Name and location map of proposed project
 - Owner's name
 - Seal and signature of professional engineer/land surveyor responsible for completing the design
 - Date of plans
 - North arrow and scale
 - Existing and proposed site conditions, including contours, elevations, entire stormwater system with applicable inverts and elevations, storm sewer profiles, drainage flow arrows, pond cross section, utilities, building footprints and finished floor elevations, streets, drives, parking areas, easements, rights-of-way, property lines, bench marks, floodway/floodplain boundaries, all applicable construction/installation details, and erosion control measures and details.
- 5. Storm Water Pollution Prevention Plan (SWPPP) as applicable:
 - Rule 5 submittal requirements (see Fig 18)
 - \$100.00 plan review and \$50.00 inspection fees for Rule 5
 - Post-Construction Storm Water Quality submittal requirements
 - \$250.00 plan review and \$200.00 inspection fees for Post-Construction.
- 6. Technical Specifications
- 7. Technical Drainage Report which contains the following:
 - Summary of pre-developed and post-developed site conditions
 - Storm water runoff calculations including:
 - Drainage area calculation
 - Weighted runoff coefficient or curve number calculations
 - Time of concentration calculations showing overland (sheet) flow, shallow concentrated flow, and flow time in channel, gutter or pipe
 - Grate capacities
 - Storm pipe and open channel design calculations including:
 - Size of pipe and typical channel cross section
 - Pipe and channel slopes
 - Material and roughness coefficient
 - Velocities in feet per second (fps)
 - Capacities in cubic feet per second (cfs)
 - Storm pipe flow and hydraulic grade line calculations
 - Name of computer model used where applicable
 - Highlight pertinent data if computer printouts are submitted
 - Detention/Retention Design summary with outlet control structure information (outlet structure discharge rating curve, stage/storage/discharge information during storm event)
- 8. Completed *Certification of Sufficiency of Plan*

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APPLICATION FOR DRAINAGE APPROVAL

Bargersville Storm Water Utility

24 N. Main, P.O. Box 420

Bargersville, IN 46106

Initial fees of \$250 for drainage review, \$100 for Rule 5 review, \$50 for Rule 5 inspection, \$250 for post-construction review and \$200 for post-construction inspection is to be submitted with this application. Make checks payable to Bargersville Storm Water Utility. All items on checklist must be submitted for application to be complete.

Name of Project _____

Legal Address _____

Township _____ Parcel No. _____

Total Acres of Site _____ Disturbed Acres of Site _____ Impervious Area _____

Property Use (check one) _____ Proposed Subdivision
_____ Commercial/Industrial/Apartment
_____ Other

Owner Information

Name _____

Address _____

Contact Person _____

Telephone _____ Fax _____

Design Firm Information _____

Company Name _____

Address _____

Professional Engineer _____

Contact Person _____

Telephone _____ Fax _____

As owner, or an authorized representative of the owner, I agree to pay all fees incurred for the requested drainage review for the above project. (Initial drainage review fees are for the first one or two hours of review, as applicable. Addition review time for more complicated projects is charged at \$125 per hour.)

Printed Name and Title _____

Signature _____ Date _____

Address _____