



Storm Water Detention/Retention Structures – Annual Inspection Form

(RETURN CHECKLIST BY THE MAY 31ST DUE DATE ANNUALLY)

If you have any questions regarding this checklist, please call the City of Berea Engineering Dept. at 440/826-5814.

Basin/Property Owner: _____

Basin/Structure Maintainer (usually owner): _____

Basin/Property Address: _____

Phone Number of Owner and Maintainer: _____

Basin/Structure Type (circle choice or write in below):
Rain Garden/Bioretenion; Wet Detention; Dry Detention; Other: _____

Inspection Date: _____

ANNUAL INSPECTION ITEMS

Circle "Yes" or "No" for all items below

- A. HAS DEBRIS OR TRASH ACCUMULATED IN BASIN OR STRUCTURE? YES NO
- B. ARE NOXIOUS WEEDS PRESENT? YES NO
- C. IS THERE EXPOSED SOIL NOT COVERED WITH VEGETATION, MULCH OR OTHER NON-ERODABLE MATERIAL? YES NO
- D. IS ALGAE OR STAGNANT MOISTURE PRESENT IN BASIN OR STRUCTURE? YES NO
- E. ARE UNPLEASANT ODORS EMERGING FROM BASIN OR STRUCTURE? YES NO
- F. HAS SEDIMENT ACCUMULATED IN BASIN OR STRUCTURE? YES NO
- G. IS SOIL EROSION PRESENT ALONG STANDING OR MOVING SURFACE WATER? YES NO
- H. IS SOIL EROSION PRESENT AT BASIN SIDES, INLET OR OUTLET? YES NO
- I. ARE HOLES PRESENT FROM ANIMALS OR UNDESIRABLE SOIL LOSS? YES NO
- J. ARE WET OR SOGGY AREAS PRESENT THAT PREVENT DESIRED VEGETATION FROM GROWING? YES NO
- K. IS RUNOFF ENTERING OR LEAVING THE BASIN OR STRUCTURE IN A MANNER THAT PREVENTS PROPER FUNCTION OF ITS INFLOW OR OUTFLOW SYSTEMS? YES NO
- L. DOES FLOW OUT OF BASIN OR STRUCTURE OCCUR IN A MANNER THAT CREATES EROSION OR DAMAGE TO ADJACENT PROPERTY? YES NO
- M. ARE THE BASIN OR STRUCTURE FUNCTIONS IMPAIRED? YES NO
- N. OTHER ITEMS AND COMMENTS: _____
- O. CORRECTIVE MEASURES FOR ALL YES ANSWERS ABOVE: _____

*** PLEASE PROVIDE PHOTOGRAPHS OF ALL COMPONENTS OF THE BASIN *
THESE SHALL BE IN .JPG FORMAT ON A CD**

- A. **ASSESSMENT OF ANY PIPE, RIPRAP AND STRUCTURES PRESENT:**
(i.e. IS THERE A NEED FOR REPLACEMENT OR MAINTENANCE OF BASIN OR STRUCTURE COMPONENTS?)

- B. GENERAL ASSESSMENT OF THE BASIN OR STRUCTURE:**
(i.e. DOES THE BASIN OR STRUCTURE APPEAR TO FUNCTION PROPERLY? MODIFICATIONS RECOMMENDED FOR IMPROVED FUNCTION?) _____
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- C. PRINCIPAL SPILLWAY, EMERGENCY SPILLWAY, EMBANKMENT, FLOWWAYS, SAFETY FEATURES**
(ACCESS EASEMENTS & AQUATIC PLANTS – ARE THESE FEATURES FUNCTIONING PROPERLY?) _____
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- D. ASSESSMENT OF BASIN OR STRUCTURE ELEVATIONS:**
(i.e. ARE CRITICAL INFLOW, OUTFLOW, OVERFLOW PATHS AND ELEVATIONS UNCHANGED FROM THE AS-BUILT PLANS?)
(NOTE: THE ELEVATION REASONABLENESS CHECK IS INTENDED TO BE A VISUAL CHECK FOR LARGE SETTLEMENT, CHANNEL EROSION, OR BASIN MODIFICATIONS, AND NOT A REQUIREMENT FOR A SURVEY.) _____
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- E. ASSESSMENT OF BASIN OR STRUCTURE VOLUMES:**
(i.e. IS THERE EVIDENCE OF BASIN CHANGES AFFECTING THE STORAGE VOLUME FROM THAT SHOWN ON THE AS-BUILT PLANS?)
(NOTE: THE VOLUME REASONABLENESS CHECK IS INTENDED TO BE A VISUAL CHECK FOR LARGE ACCUMULATIONS OF SEDIMENT OR BASIN MODIFICATIONS AND NOT A REQUIREMENT FOR A SURVEY.) _____
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- F. ARE THERE ANY OBSTRUCTIONS TO ACCESS EASEMENTS?** _____
- G. OTHER ITEMS AND COMMENTS:**

- H. CORRECTIVE MEASURES NEEDED:**

(ATTACH ADDITIONAL PAGES IF NEEDED TO PROPERLY DOCUMENT INSPECTION ABOVE.)

INSPECTIONS: IF THE STRUCTURE HAS AN ODNR DIV. OF WATER PERMIT, THE STRUCTURE SHALL BE INSPECTED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OHIO. ALL OTHER BASINS CAN BE INSPECTED BY A PROFESSIONAL ENGINEER, LOCAL SOIL & WATER CONSERVATION DISTRICT, CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL, OR A LANDSCAPE ARCHITECT.

THE INFORMATION PROVIDED IN THIS INSPECTION FORM IS AN ACCURATE AND CURRENT DESCRIPTION OF THE BASIN OR STRUCTURE AT THIS ADDRESS:

SIGNATURE OF PERSON COMPLETING THIS FORM

DATE

FIRM: _____

ADDRESS: _____

*INSPECTOR MUST SEAL OR CERTIFY
DOCUMENT HERE*

THIS INSPECTION FORM MUST BE RETURNED TO THE FOLLOWING ADDRESS ANNUALLY BY MAY 31st

**CITY OF BERA ENGINEERING DEPARTMENT
11 BERA COMMONS, BERA, OHIO 44017
PHONE: 440/826-5814**