



# Form 3E – Hydrodynamic Separator As-Built Certification

## City of Prattville Review

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

Required Attachments:  As-built Survey  H&H Calculations  Photographs  
 Maintenance Plan  Operation and Maintenance Agreement (OMA)

Approval Status:  Approved  Approved Contingent  Denied  Incomplete

Comments: \_\_\_\_\_

## Development Information

Date: \_\_\_\_\_

Name: \_\_\_\_\_ BMP ID: \_\_\_\_\_

Address or Location: \_\_\_\_\_

Required Attachments:  As-built Survey  H&H Calculations  Photographs  
 Maintenance Plan  Operation and Maintenance Agreement (OMA)

**Watershed:**  Noland Creek  Autauga Creek  Pine Creek  Fay Branch

## Stormwater Management BMP

BMP Type :  Detention Pond  Retention Pond  Underground Detention  
 Bioretention  Other: \_\_\_\_\_  
 Water Quality Only  
 Development has previously obtained a stormwater management waiver from the City and applicable documentation is attached.

## Hydrodynamic Separator

### Design

Manufacturer:  ADS  Hydro International  
 Contech  Oldcastle Infrastructure  
 Other: \_\_\_\_\_

Mode/Name: \_\_\_\_\_

WQ Function:  Pretreatment  Stand-alone  
 Other: \_\_\_\_\_

Configuration:  Inline w/System  Offline  
 Other: \_\_\_\_\_

Treatment Flow Rate: \_\_\_\_\_ cfs

Allowable Peak Inline Flow Rate: \_\_\_\_\_ cfs

Storage Capacity:  
 Sediment: \_\_\_\_\_ ft<sup>3</sup> OR \_\_\_\_\_ yd<sup>3</sup>  
 Floatables/Oil: \_\_\_\_\_ ft<sup>3</sup> OR \_\_\_\_\_ yd<sup>3</sup>

Storm Treatment Chamber:  
 Material: \_\_\_\_\_ Shape: \_\_\_\_\_  
 Diameter: \_\_\_\_\_ ft OR  
 Width: \_\_\_\_\_ ft Length: \_\_\_\_\_ ft  
 Bottom EL: \_\_\_\_\_ ft Top EL: \_\_\_\_\_ ft

### As-Built

Manufacturer:  ADS  Hydro International  
 Contech  Oldcastle Infrastructure  
 Other: \_\_\_\_\_

Mode/Name: \_\_\_\_\_

WQ Function:  Pretreatment  Stand-alone  
 Other: \_\_\_\_\_

Configuration:  Inline w/System  Offline  
 Other: \_\_\_\_\_

Treatment Flow Rate: \_\_\_\_\_ cfs

Allowable Peak Inline Flow Rate: \_\_\_\_\_ cfs

Storage Capacity:  
 Sediment: \_\_\_\_\_ ft<sup>3</sup> OR \_\_\_\_\_ yd<sup>3</sup>  
 Floatables/Oil: \_\_\_\_\_ ft<sup>3</sup> OR \_\_\_\_\_ yd<sup>3</sup>

Storm Treatment Chamber:  
 Material: \_\_\_\_\_ Shape: \_\_\_\_\_  
 Diameter: \_\_\_\_\_ ft OR  
 Width: \_\_\_\_\_ ft Length: \_\_\_\_\_ ft  
 Bottom EL: \_\_\_\_\_ ft Top EL: \_\_\_\_\_ ft

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Development Name: \_\_\_\_\_

Date: \_\_\_\_\_

BMP ID: \_\_\_\_\_

## Hydrodynamic Separator (continued)

### Design

#### Storm Treatment Chamber (continued):

	Shape	Size	Inv. EL
Inlet Pipe 1:	_____	_____ in	_____ ft
Inlet Pipe 2:	_____	_____ in	_____ ft
Inlet Pipe 3:	_____	_____ in	_____ ft
Outlet Pipe:	_____	_____ in	_____ ft

#### Maintenance Access Type:

Grate Inlet       Cleaning Port  
 Other: \_\_\_\_\_

### As-Built

#### Storm Treatment Chamber (continued):

	Shape	Size	Inv. EL
Inlet Pipe 1:	_____	_____ in	_____ ft
Inlet Pipe 2:	_____	_____ in	_____ ft
Inlet Pipe 3:	_____	_____ in	_____ ft
Outlet Pipe:	_____	_____ in	_____ ft

#### Maintenance Access Type:

Grate Inlet       Cleaning Port  
 Other: \_\_\_\_\_

## Outfall Location (if applicable)

### Design

Latitude: \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_"  
Longitude: \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_"

### As-Built

Latitude: \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_"  
Longitude: \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_"

## Owner's Information:

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Address: \_\_\_\_\_ Fax: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ E-mail: \_\_\_\_\_  
Comments: \_\_\_\_\_

## Home Owners Association (HOA) Information:

Not Applicable

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Address: \_\_\_\_\_ Fax: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ E-mail: \_\_\_\_\_

### HOA Board Members:

Name	Title	Phone	E-mail
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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Development Name: \_\_\_\_\_

Date: \_\_\_\_\_

BMP ID: \_\_\_\_\_

## **Professional Engineer Certification:**

By affixing my professional seal and signature on this form, I hereby certify that this stormwater management facility has been constructed in accordance with the approved design on file with the City of Prattville. I further certify that the drainage areas shown in the approved hydrology and hydraulic (H&H) calculations do in fact drain into this facility and that the post-development runoff mimics pre-development hydrology to the maximum extent practicable (MEP).

Company: \_\_\_\_\_

Seal:

Name: \_\_\_\_\_

E-mail: \_\_\_\_\_

Phone: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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# Form 3E – Hydrodynamic Separator As-Built Certification

## Supplemental Instructions

1. The developer / owner shall retain the services of a professional land surveyor to:
  - a. Perform a field survey of the hydrodynamic separator; and,
  - b. Develop an as-built drawing of the hydrodynamic separator.
  
2. The developer shall retain the services of a professional engineer to:
  - a. Use the as-built survey data to complete Form 3E – Hydrodynamic Separator As-built Certification Form; and,
  - b. Provide ALL required attachments:
    - As-Built Survey Drawing(s)
    - H&H Calculations
    - Photographs
    - Maintenance Plan
    - Operation and Maintenance Agreement (OMA)
    - All drawings provided with this form shall have a maximum scale of 1 inch = 100 feet
  
3. Form 3E – Hydrodynamic Separator As-built Certification Form shall be approved by the City prior to:
  - a. The issuance of a Certificate of Occupancy; and/or,
  - b. Prior to approval of the Final Plat.