



# Form 4E – Hydrodynamic Separator Annual Inspection Form

## City of Prattville Review

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

Required Attachments:  Photographs  Maintenance Summary  Revised Maintenance Plan  
 Routine Inspection Reports  Form 5A for HOAs

Approval Status:  Approved  Approved Contingent  Denied  Incomplete

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

## Development Information:

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

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

Address or Location: \_\_\_\_\_ Latitude: \_\_\_\_° \_\_\_\_' \_\_\_\_"  
 \_\_\_\_\_ Longitude: \_\_\_\_° \_\_\_\_' \_\_\_\_"

Required Attachments:  Photographs  Maintenance Summary  Revised Maintenance Plan  
 Routine Inspection Reports  Form 5A for HOAs

Were additional inspections performed:  Yes  No

Routine Inspections \_\_\_\_\_ No. Inspections  Post Storm Inspections \_\_\_\_\_ No. Inspections  
 \_\_\_\_\_  cy  tons of sediment removed \_\_\_\_\_  bags  tons of trash removed

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

## Inspection Observations:

	NA	Yes	No		NA	Yes	No
1. Access Area:	<input type="checkbox"/>			3. Pretreatment:	<input type="checkbox"/>		
a. Separator accessible?		<input type="checkbox"/>	<input type="checkbox"/>	a. BMPs require maintenance?		<input type="checkbox"/>	<input type="checkbox"/>
b. Maintenance Port accessible?		<input type="checkbox"/>	<input type="checkbox"/>	b. BMPs require replacement?		<input type="checkbox"/>	<input type="checkbox"/>
c. Easement maintained?		<input type="checkbox"/>	<input type="checkbox"/>	4. Hydrodynamic Separator:	<input type="checkbox"/>		
2. Development/Drainage Area:	<input type="checkbox"/>			a. Floatables accumulated?		<input type="checkbox"/>	<input type="checkbox"/>
a. Areas of erosion?		<input type="checkbox"/>	<input type="checkbox"/>	b. Sediment accumulated?		<input type="checkbox"/>	<input type="checkbox"/>
b. Areas of litter?		<input type="checkbox"/>	<input type="checkbox"/>	c. Separator damaged?		<input type="checkbox"/>	<input type="checkbox"/>
c. Areas of other pollution?		<input type="checkbox"/>	<input type="checkbox"/>	d. Inlet pipes clogged/obstructed?		<input type="checkbox"/>	<input type="checkbox"/>
				e. Outlet pipe clogged/obstructed?		<input type="checkbox"/>	<input type="checkbox"/>

## Follow-up Actions:

No follow-up actions are required  Deficiencies noted and maintenance required

## Maintenance Needed:

Easement:	Access Port:	Surroundings:	Pretreatment:
<input type="checkbox"/> Clean	<input type="checkbox"/> Repair	<input type="checkbox"/> Clean	<input type="checkbox"/> Repair
<input type="checkbox"/> Repair	<input type="checkbox"/> Replace	<input type="checkbox"/> Repair	<input type="checkbox"/> Replace
Inlet Pipes:	Outlet Pipe:	Hydrodynamic Separator:	
<input type="checkbox"/> Clean	<input type="checkbox"/> Clean	<input type="checkbox"/> Repair	<input type="checkbox"/> Remove Sediment
<input type="checkbox"/> Repair	<input type="checkbox"/> Repair	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove Trash/Floatables

\_\_\_\_\_  cy  tons of sediment removed \_\_\_\_\_  bags  tons of trash removed



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

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

**Comments:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Owners 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
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Professional Engineer Certification:**

By affixing my professional seal and signature on this form, I hereby certify that this stormwater management facility provides the required water quality treatment and is being properly maintained in accordance with the City of Prattville post construction stormwater management requirements dated 21 March 2020. In my professional opinion, the stormwater management facility is functioning as it was designed.

By affixing my professional seal and signature on this form, I hereby certify that this stormwater management facility requires the above described maintenance in order to provide the required water quality treatment and/or to function as it was designed. Upon completion of the required maintenance activities, I shall reinspect the stormwater management facility and provide a supplemental Annual Inspection Form.

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

Seal: \_\_\_\_\_

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

Address: \_\_\_\_\_

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

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

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

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

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## Supplemental Instructions

1. The developer shall retain the services of a professional engineer to:
  - a. Inspect hydrodynamic separator(s) to determine:
    - If they are continuing to function as they were originally designed; and,
    - If any maintenance is required.
  - b. Complete Form 4E – Hydrodynamic Separator Annual Inspection Form; and,
  - c. Provide ALL required attachments:
    - Photographs
    - Maintenance Summary
    - Updated Maintenance Plan
    - Copies of Routine Inspections
2. Form 4E – Hydrodynamic Separator Annual Inspection Form shall be submitted to the City on an annual basis by 30 September of each year.
3. If maintenance is required to ensure that the hydrodynamic separator(s) function as they were originally designed, the developer / owner shall submit an updated Form 4E – Hydrodynamic Separator Annual Inspection Form when all maintenance activities have been completed.
4. The maintenance plan shall be revised if required due to clogging pipes, excessive sediment or trash accumulation, etc. Manufacturers typically recommend an inspection process which includes capacity measurement, cleaning process, and documentation, among other items. The maintenance plan shall address the following:
  - Routine inspections
  - Storm event inspections
  - Inspection process
  - Trash removal
  - Sediment Removal
  - Unclogging inlet/outlet pipe(s)
5. Home Owners Associations (HOAs) must also submit Form 5A – Home Owners Association (HOA) Escrow Account / Maintenance Request Form.