<table>
<thead>
<tr>
<th>Facility ID:</th>
<th>Date: <em><strong>/</strong></em>/___</th>
<th>Assessed by:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Name:</th>
<th>Address:</th>
<th>Photo IDs:</th>
</tr>
</thead>
</table>

### SECTION 1 - BACKGROUND INFORMATION (GIS)

#### BMP TYPE:
- [ ] Dry Detention Pond
- [ ] Extended Detention Pond
- [ ] Wet Pond
- [ ] Filter (specify: __________)
- [ ] Infiltration (specify: __________)
- [ ] Check if structure is underground

#### Year Constructed:

<table>
<thead>
<tr>
<th>Ownership</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Public</td>
</tr>
<tr>
<td>[ ] Private</td>
</tr>
<tr>
<td>[ ] Unknown</td>
</tr>
</tbody>
</table>

#### SITE CHARACTERIZATION

<table>
<thead>
<tr>
<th>Drainage Area (acres)</th>
<th>Impervious Cover (acres)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discerned from: Plan</td>
<td>County Data</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contributing Drainage Area (% land use): Note – All percentages should sum up to 100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial</td>
</tr>
<tr>
<td>Forested</td>
</tr>
<tr>
<td>Crop</td>
</tr>
</tbody>
</table>

| Water Quality Vol (From Design Plan): _____(ft³) |

### SECTION 2 - FIELD VISIT

| Rain in last 48 hrs? | Yes | No |
|证据 of high water table (e.g., excessive soil saturation)? | Yes | No |

### DESIGN ELEMENTS

#### FACILITY SIZE:
- Length: _____(ft)  
- Width: _____(ft)
- Surface Area: _____(ft²)
- Depth of WQ storage: _____(ft)

#### OBSERVED WQ STORAGE VOL:

<table>
<thead>
<tr>
<th>Facility Size:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hydraulic Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Off-line Facility</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Design Storm(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Water Quality</td>
</tr>
<tr>
<td>[ ] Flood Control</td>
</tr>
<tr>
<td>[ ] Channel Protection</td>
</tr>
<tr>
<td>[ ] Unknown</td>
</tr>
</tbody>
</table>

### DESIGN STORMS:

#### BMP SIGNAGE:
- [ ] None
- [ ] Flood Warning
- [ ] Stormwater Education
- [ ] No Trespassing
- [ ] Wildlife Habitat
- [ ] Public Property
- [ ] Do Not Mow
- [ ] Other: 

### OUTLET CHARACTERISTICS

#### PRIMARY OUTLET STRUCTURE:
- [ ] N/A – infiltration w/ no outlet
- [ ] Pipe
- [ ] Riser
- [ ] Weir
- [ ] Large Storm Overflow
- [ ] Open channel
- [ ] Large Storm By-pass
- [ ] Other: 

#### OUTLET FEATURES:
- [ ] N/A
- [ ] Trash Rack
- [ ] Pond Drain
- [ ] Inverted outlet pipe
- [ ] Hooded outlet
- [ ] Anti-vortex device
- [ ] Perforated pipe
- [ ] Gravel Diaphragm
- [ ] Micropool outlet
- [ ] Multiple outlet levels

Outlet includes restrictor?: [ ] Yes | [ ] No

#### OUTLET STRUCTURE CONDITIONS:
- Erosion at Outlet: [ ] None
- [ ] Slight
- [ ] Moderate
- [ ] Severe
- Outlet Clogging: [ ] None
- [ ] Slight
- [ ] Moderate
- [ ] Severe
- Structural Problems: [ ] None
- [ ] Slight
- [ ] Moderate
- [ ] Severe

#### CONDITIONS AT OUTFALL:
- [ ] Stream
- [ ] Closed storm sewer
- [ ] Surface channel
- [ ] Road ditch
- [ ] Other: 

Active Erosion: [ ] None
- [ ] Slight
- [ ] Moderate
- [ ] Severe

Trash: [ ] None
- [ ] Slight
- [ ] Moderate
- [ ] Severe

Sedimentation: [ ] None
- [ ] Slight
- [ ] Moderate
- [ ] Severe

Odor: [ ] None
- [ ] Slight
- [ ] Moderate
- [ ] Severe

Algae: [ ] None
- [ ] Slight
- [ ] Moderate
- [ ] Severe

Other WQ Problems: [ ] None
- [ ] Slight
- [ ] Moderate
- [ ] Severe

#### Emergency Spillway Type:
- [ ] Channel
- [ ] Riser Overflow
- [ ] Weir
- [ ] Other: 

### SITE CHARACTERIZATION

<table>
<thead>
<tr>
<th>Water Quality Vol (From Design Plan): _____(ft³)</th>
</tr>
</thead>
</table>
# Soil or Filter Media

**Type of Filter/Infiltration Media:** (check all that apply)
- Soil mix (in)
- Sand (in)
- Gravel (in)
- Large Stone (in)
- Organic material (in)
- Other
- N/A
- Unknown

Avg. depth of sediment build-up on surface? (in)

**Soil Media Sample:** Note – Complete during site investigation, if applicable
- Dominant Soil Type: clay | loam | sand | sand/loam
- Is the soil homogenous? Yes | No

## Vegetation

**General Observations:**
- Landscaped
- Aquatic Bench
- Invasive Species
- Plant Diversity

**Type of ground cover (% of Surface Area in Plan View up to low Outlet):**
- Trees
- Grasses/Perennials
- Ponded water
- Other:
- Managed Turf
- Bare Soil
- Shrubs
- N/A
- Mulch
- Emergent wetland

Depth of mulch, if present: Hardwood (in) | Pine Straw (in) | Other (in)

Rate degree of shading of BMP Surface Area by trees: Well Shaded | Some Shading | No Shading | N/A

## Inlet Characteristics

**Inlet #1:**
- Diameter/Width: (in)
- Type of Inlet: Open Channel | Closed Pipe
- Elevation difference between bottom of inlet and BMP surface: (in)

**Inlet Submersion:**
- Complete
- Partial
- None

**Inlet Conditions:**
- Inlet Erosion
- Inlet Clogging
- Structural Problems

**Inlet #2:**
- Diameter/Width: (in)
- Type of Inlet: Open Channel | Closed Pipe
- Elevation difference between bottom of inlet and BMP surface: (in)

**Inlet Submersion:**
- Complete
- Partial
- None

**Inlet Conditions:**
- Inlet Erosion
- Inlet Clogging
- Structural Problems

## Pretreatment

**Type of Pretreatment** (check all that apply)
- None
- Sediment Forebay (____ ft³)
- Grass Channel
- Riprap Channel or Apron

**Pretreatment Function**
- By design
- Incidental
- Is pretreatment functioning? Yes | No
- Is sediment removal necessary? Yes | No
- Signs of pretreatment bypass? Yes | No

**Severity:** Slight | Moderate | Severe

## General Design

**BMP Features** (check all that apply)
- Maintenance Access
- Fence
- Multi-cell
- Micropool
- Impermeable Liner

**Conveyance Through BMP**
- No Defined Channel
- Low Flow Channel
- Concrete | Eroded | Earthen | Other

**Length of Shortest Flow Path:** (ft)

Is BMP designed with a Permanent Pool? Yes | No
## PERFORMANCE

**GENERAL PROBLEMS:** (check all that apply)
- Maintenance Needed
- Water Bypass of Inlet
- Water Bypass of Outlet
- Incorrect Flow Paths
- Short-circuiting of treatment mechanism
- No or ineffective treatment
- Ineffective pretreatment
- Others ________________________
- Inappropriate underlying soil (infiltration)
- Erosion at Embankments
- Erosion within Facility
- Deposition within Facility
- Inappropriate Ponding of Water
- Clogged Pond Drain/Underdrain
- Clogged Media
- Inappropriate media material
- Inappropriate pretreatment
- Safety issue (Note: ___________

**WATER QUALITY IN FACILITY:** N/A

**EVIDENCE OF:**
- Geese
- Animal Burrows
- Mosquitoes
- BMP Alteration
- Algae
- Odor
- Turbidity
- Color
- Others ________________________

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>1=NONE</th>
<th>2 - FEW</th>
<th>3 – SEVERAL</th>
<th>4-SEVERE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRASH</td>
<td>No evidence of trash</td>
<td>A few pieces of trash throughout BMP</td>
<td>Trash accumulation near inlet/outlet</td>
<td>Lots of trash in BMP or BMP used for storage</td>
</tr>
<tr>
<td>BMP BANK EROSION</td>
<td>No noticeable erosion</td>
<td>Slight erosion &lt; 5% of bank affected</td>
<td>Moderate erosion ~15% of bank affected</td>
<td>Banks severely eroded, &gt;25% of bank affected</td>
</tr>
<tr>
<td>SEDIMENT DEPOSITION</td>
<td>No sediment deposition</td>
<td>Areas of minor sediment deposition</td>
<td>Areas of some deposition, may be severe near inlet/outlets</td>
<td>Lots of deposition resulting in pond bottom clogging</td>
</tr>
<tr>
<td>SURFACE SLOPE</td>
<td>0-1% BMP surface slope</td>
<td>1-3% BMP surface slope or steeper slopes with check dams,</td>
<td>3-5% BMP surface slope with no check dams,</td>
<td>&gt;5% surface slope;</td>
</tr>
<tr>
<td>SIDE SLOPES</td>
<td>BMP side slopes 3:1 or flatter</td>
<td>BMP side slopes 2:1</td>
<td>Steep BMP side slopes</td>
<td>Risk of side slope failure</td>
</tr>
<tr>
<td>STRUCTURAL</td>
<td>No evidence of structural damage</td>
<td>Minor problems (e.g., bank slump, eroded channels)</td>
<td>Moderate structural problems – failure pending</td>
<td>Structural failures (e.g., bank failure, blowout)</td>
</tr>
<tr>
<td>VISIBILITY</td>
<td>High visibility, near high-traffic areas</td>
<td>Some visibility, near traffic areas</td>
<td>Limited visibility, near low traffic areas</td>
<td>No visibility, behind buildings or fences</td>
</tr>
<tr>
<td>ACCESSIBILITY</td>
<td>Maintained access area for vehicles</td>
<td>Access area designated, but not maintained</td>
<td>Access for vehicles not designated</td>
<td>Access for vehicles not possible</td>
</tr>
<tr>
<td>VEG COVER</td>
<td>No mowing in/around BMP</td>
<td>Mowing along BMP edges but areas of no mow in BMP bottom</td>
<td>Mowed turf vegetation</td>
<td>BMP bottom has large areas of bare soil</td>
</tr>
<tr>
<td>TREES</td>
<td>Healthy and established</td>
<td>Slightly stressed</td>
<td>Stressed</td>
<td>Dead</td>
</tr>
<tr>
<td>GROUND COVER</td>
<td>Healthy and established</td>
<td>Slightly stressed</td>
<td>Stressed</td>
<td>Dead</td>
</tr>
<tr>
<td>SHRUBS</td>
<td>Healthy and established</td>
<td>Slightly stressed</td>
<td>Stressed</td>
<td>Dead</td>
</tr>
<tr>
<td>EMERGENT WETLAND</td>
<td>Healthy and established</td>
<td>Slightly stressed</td>
<td>Stressed</td>
<td>Dead</td>
</tr>
</tbody>
</table>

**OVERALL PERFORMANCE SCORE** (circle one number)

- Excellent design and function, no general problems with performance
- BMP is well designed, but is undersized or has a few performance problems
- BMP is adequately designed, several problems with performance are noted
- Poor BMP design, severe performance problems or failure

<table>
<thead>
<tr>
<th>Score</th>
<th>10</th>
<th>9</th>
<th>8</th>
<th>7</th>
<th>6</th>
<th>5</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>
**FIELD NOTES**

**GOOD OR INTERESTING DESIGN FEATURES:**

**PHOTO #’S:**

**POOR OR PROBLEMATIC DESIGN FEATURES:**

**PHOTO #’S:**

**SECTION 3 – DESIGN PLAN VERIFICATION**

<table>
<thead>
<tr>
<th>PLAN AVAILABLE:</th>
<th>As-built</th>
<th>Other: ____</th>
</tr>
</thead>
</table>

Do field observations match design plans/as-builts? Describe any differences.

<table>
<thead>
<tr>
<th>Item</th>
<th>N/A</th>
<th>Yes</th>
<th>No</th>
<th>If no, describe:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil type in facility</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pretreatment type and size</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signage</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low-flow channel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions/volume</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inlet type, #, and sizing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outlet type, #, and sizing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vegetation composition</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other features</td>
<td></td>
<td></td>
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</tbody>
</table>