





**PROPOSED RETROFIT**

**Purpose of Retrofit:**

- Water Quality       Recharge       Channel Protection       Flood Control  
 Demonstration / Education       Repair       Other: \_\_\_\_\_

**Retrofit Volume Computations - Target Storage:**

**Retrofit Volume Computations - Available Storage:**

**Proposed Treatment Option:**

- Extended Detention       Wet Pond       Created Wetland       Bioretention  
 Filtering Practice       Infiltration       Swale       Other: \_\_\_\_\_

**Describe Elements of Proposed Retrofit, Including Surface Area, Maximum Depth of Treatment, and Conveyance:**

**SITE CONSTRAINTS**

**Adjacent Land Use:**

- Residential       Commercial       Institutional  
 Industrial       Transport-Related       Park  
 Undeveloped       Other: \_\_\_\_\_

**Possible Conflicts Due to Adjacent Land Use?**       Yes       No

**If Yes, Describe:**

**Access:**

No Constraints

Constrained due to

- Slope       Space  
 Utilities       Tree Impacts  
 Structures       Property Ownership  
 Other: \_\_\_\_\_

**Conflicts with Existing Utilities:**

- None  
 Unknown

**Yes**

**Possible**

- |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Sewer                    |
| <input type="checkbox"/> | <input type="checkbox"/> | Water                    |
| <input type="checkbox"/> | <input type="checkbox"/> | Gas                      |
| <input type="checkbox"/> | <input type="checkbox"/> | Cable                    |
| <input type="checkbox"/> | <input type="checkbox"/> | Electric                 |
| <input type="checkbox"/> | <input type="checkbox"/> | Electric to Streetlights |
| <input type="checkbox"/> | <input type="checkbox"/> | Overhead Wires           |
| <input type="checkbox"/> | <input type="checkbox"/> | Other: _____             |

**Potential Permitting Factors:**

- |                              |                                   |                                       |
|------------------------------|-----------------------------------|---------------------------------------|
| Dam Safety Permits Necessary | <input type="checkbox"/> Probable | <input type="checkbox"/> Not Probable |
| Impacts to Wetlands          | <input type="checkbox"/> Probable | <input type="checkbox"/> Not Probable |
| Impacts to a Stream          | <input type="checkbox"/> Probable | <input type="checkbox"/> Not Probable |
| Floodplain Fill              | <input type="checkbox"/> Probable | <input type="checkbox"/> Not Probable |
| Impacts to Forests           | <input type="checkbox"/> Probable | <input type="checkbox"/> Not Probable |
| Impacts to Specimen Trees    | <input type="checkbox"/> Probable | <input type="checkbox"/> Not Probable |

How many? \_\_\_\_\_

Approx. DBH \_\_\_\_\_

**Other factors:** \_\_\_\_\_

**Soils:**

- Soil auger test holes:       Yes       No  
 Evidence of poor infiltration (clays, fines):       Yes       No  
 Evidence of shallow bedrock:       Yes       No  
 Evidence of high water table (gleying, saturation):       Yes       No



**SKETCH**

A large, empty rectangular area with a thin black border, intended for a hand-drawn sketch or drawing.



**DESIGN OR DELIVERY NOTES**

Blank area for design or delivery notes.

**FOLLOW-UP NEEDED TO COMPLETE FIELD CONCEPT**

<input type="checkbox"/> Confirm property ownership	<input type="checkbox"/> Obtain existing stormwater practice as-builts
<input type="checkbox"/> Confirm drainage area	<input type="checkbox"/> Obtain site as-builts
<input type="checkbox"/> Confirm drainage area impervious cover	<input type="checkbox"/> Obtain detailed topography
<input type="checkbox"/> Confirm volume computations	<input type="checkbox"/> Obtain utility mapping
<input type="checkbox"/> Complete concept sketch	<input type="checkbox"/> Confirm storm drain invert elevations
<input type="checkbox"/> Other: _____	<input type="checkbox"/> Confirm soil types

**INITIAL FEASIBILITY AND CONSTRUCTION CONSIDERATIONS**

Blank area for initial feasibility and construction considerations.

**SITE CANDIDATE FOR FURTHER INVESTIGATION:**       YES       NO       MAYBE  
**IS SITE CANDIDATE FOR EARLY ACTION PROJECT(S):**       YES       NO       MAYBE  
**IF NO, SITE CANDIDATE FOR OTHER RESTORATION PROJECT(S):**       YES       NO       MAYBE  
 IF YES, TYPE(S): \_\_\_\_\_