



Appendix G

INDIVIDUAL WATER QUALITY ASSESSMENT
FORM



INDIVIDUAL WATER QUALITY ASSESSMENT REPORT

Site Name/Facility: _____

Master Program Map No.: _____

Date: _____

Civil Engineer (name, company, phone number): _____

Register Civil Engineer Number & Expiration Date (place stamp here): _____

Instructions: This form must be completed for each facility prior to the completion of the Individual Maintenance Plan and prior to any work being conducted in the facility. Attach additional sheets if needed.

| EXISTING CONDITIONS |
|---|
| <p>Description of creek/channel geometry (length, width, and depth):</p> |
| <p>Description of Sediment Sampling Activities (location(s), depth, shipment/deliverer to laboratory(s)):</p> <p><small>Note: Attach Chain of Custody Sheet(s), Table of Chemical Analysis Results, and Laboratory Sieve Analysis Results</small></p> |
| <p>Description of Flow Measurement Activities (location(s) and equipment):</p> <p><small>Note: Attach Field Notes and Model Calculation Worksheets</small></p> |
| <p>Description of Volume Measurement Activities (interval, total number, equipment):</p> <p><small>Note: Attach Field Notes and Model Calculation Worksheets</small></p> |
| <p>Description of Water Quality Sampling Activities (location(s), shipment/delivery to laboratory(s)):</p> <p><small>Note: Attach Chain of Custody Sheet(s) and Table of Chemical Analysis Results</small></p> |
| <p>Description of Wetland Assessment (Existing) Activities (personnel, general conditions):</p> <p><small>Note: Attach Field Notes and Scoring Sheet(s)</small></p> |

Description of Wetland Assessment (Recovery) Activities (personnel, general conditions):

Note: Attach Field Notes and Scoring Sheet(s)

Sediment Pollutant Loading Estimates:

Note: Attach Estimate of Gravel and Cobble Calculations and Sediment Pollutant Loading Calculations

MAINTENANCE IMPACTS

Evaluation of Benefits / Impacts:

Are there constituents that have potential impacts greater than benefits?

Yes No

If so, identify constituents here and compare measured concentrations to thresholds.

Note: Attach Model Calculation Worksheet showing all constituents.

MITIGATION

If impacts are identified, list potential mitigation efforts (e.g., BMPs type(s) and number(s)) that may be implemented in the watershed:

Note: Attach Model Calculation Worksheet.

ADDITIONAL COMMENTS OR RECOMMENDATIONS

LIST OF ATTACHMENTS (Check All That Apply):

- Site Photos
- Chain of Custody Sheet(s) for Sediment Sampling
- Analytical Results of Sediment Sample(s)
- Chain of Custody Sheet(s) for Water Column Sampling
- Analytical Results of Water Column Sample(s)
- Flow Measurement Model
- Volume Measurement Model (Existing Condition)
- Wetland Land Assessment Scoring Sheet (Existing Condition)
- Wetland Land Recovery Assessment Scoring Sheet (Maintained Storm water facility)
- Sieve Analysis Laboratory Results
- Sediment Pollutant Loading Model (Load Removal in Sediment)
- Potential Water Quality Impacts Model and Comparison to Benefits
- Potential Mitigation Efforts Model

SITE PHOTOS

Date of Site Visit:

See notes below for picture locations and orientation.

| | |
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| 1. | 2. |
|----|----|

| | |
|----|----|
| 3. | 4. |
|----|----|

Notes: _____

SITE PHOTOS

Date of Site Visit:

See notes below for picture locations and orientation.

| | |
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| 5. | 6. |
|----|----|

| | |
|----|----|
| 7. | 8. |
|----|----|

Notes: _____

SITE PHOTOS

Date of Site Visit:

See notes below for picture locations and orientation.

| | |
|----|----|
| 5. | 6. |
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| 7. | 8. |
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Notes: _____

CHAIN OF CUSTODY SHEET(S) FOR SEDIMENT SAMPLING CONDITION

ANALYTICAL RESULTS OF SEDIMENT SAMPLE(S)

CHAIN OF CUSTODY SHEET(S) FOR WATER COLUMN SAMPLING

ANALYTICAL RESULTS OF WATER COLUMN SAMPLE(S)

FLOW MEASUREMENT MODEL

VOLUME MEASUREMENT MODEL (EXISTING CONDITION)

WETLAND LAND ASSESSMENT SCORING SHEET (EXISTING CONDITION)

**WETLAND LAND RECOVERY ASSESSMENT SCORING SHEET (MAINTAINED
STORM WATER FACILITY)**

SIEVE ANALYSIS LABORATORY RESULTS

SEDIMENT POLLUTANT LOADING MODEL (LOAD REMOVAL IN SEDIMENT)

**POTENTIAL WATER QUALITY IMPACTS MODEL AND COMPARISON
TO BENEFITS**

POTENTIAL MITIGATION EFFORTS MODEL