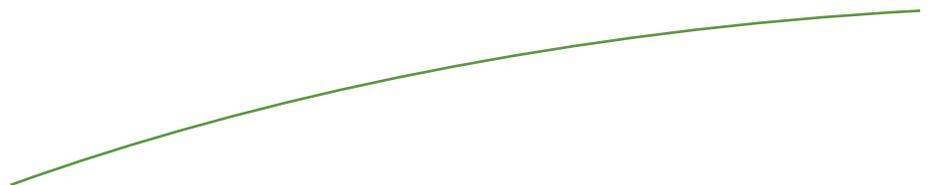




Appendix F

INDIVIDUAL HYDROLOGIC AND
HYDRAULIC ASSESSMENT REPORT FORM



INDIVIDUAL HYDROLOGIC & HYDRAULIC ASSESSMENT (IHHA) 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 target facility following the completion of the Individual Maintenance Plan (IMP) report form and prior to any work being conducted in the facility. Attach additional sheets if needed.

EXISTING CONDITIONS
<p>Description of creek/channel (limits of reach, surrounding land use and area, creek/channel geometry and vegetative condition):</p> <p>Note: See attached pictures</p>
<p>Hydrologic information (source of hydrologic information, summary of flow rates and return frequencies):</p>
<p>Hydraulic analyses (description of hydraulic models created for project):</p>
<p>Current Vegetated Condition:</p> <p>Note: Attach Model Output & Workmap</p>
<p>Ultimate Vegetated Condition:</p> <p>Note: Attach Model Output & Workmap</p>
<p>Maintained Condition - No sediment removed:</p> <p>Note: Attach Model Output & Workmap</p>

Maintained Condition - Sediment removed (if applicable):

Note: Attach Model Output & Workmap

MAINTENANCE IMPACTS

Hydraulics Results (Describe capacity of channel for each condition):

Note: Reference Profile

Ultimate Vegetated Condition:

Note: Reference Profile

Maintained Condition - No sediment removed:

Note: Reference Profile

Maintained Condition - Sediment removed (if applicable):

Note: Reference Profile

Areas within channel that can be avoided (this section can be completed upon completion of Individual Biological Assessment Form):

Would the velocity of storm water during a “bank-full” storm event exceed the velocities identified for unlined channels per Table 1-104.108 of the City’s Design Manual? If so, describe the appropriate form of erosion control (e.g., check dam or comparable mechanism). Is a downstream check dam or comparably mechanism required?

MITIGATION

Conclusion/Recommendations (Describe the limits of recommended maintenance, degree to which native vegetation within the facility can be retained, and capacity of maintained channel):

ADDITIONAL COMMENTS OR RECOMMENDATIONS

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LIST OF ATTACHMENTS (Check All That Apply):

- Site Photos
- Hydraulic Profiles for Current Vegetated Condition Model
- Hydraulic Profiles for Ultimate Vegetated Condition Model
- Hydraulic Profiles for Maintained Condition Model (No Sediment Removed)
- Hydraulic Profiles for Maintained Condition Model (Sediment Removed)
- Hydraulic Workmap
- Detailed Hydraulic Results for Current Vegetated Condition Model
- Detailed Hydraulic Results for Ultimate Vegetated Condition Model
- Detailed Hydraulic Results for Maintained Condition Model (No Sediment Removed)
- Detailed Hydraulic Results for Maintained Condition Model (Sediment Removed)

SITE PHOTOS:

Date of Site Visit:

See Hydraulic Workmap for picture locations and orientation.

1.	2.
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3.	4.
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Notes: _____

SITE PHOTOS:

Date of Site Visit:

See Hydraulic Workmap for picture locations and orientation.

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

7a.	7b.
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Notes: _____

SITE PHOTOS:

Date of Site Visit:

See Hydraulic Workmap for picture locations and orientation.

8.	9.
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10.	
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Notes: _____

HYDRAULIC PROFILE FOR
MAINTAINED CONDITION MODEL (NO SEDIMENT REMOVED)

HYDRAULIC PROFILE FOR
MAINTAINED CONDITION MODEL (SEDIMENT REMOVED)

DETAILED HYDRAULIC RESULTS FOR
CURRENT VEGETATED CONDITION MODEL

DETAILED HYDRAULIC RESULTS FOR
ULTIMATE VEGETATED CONDITION MODEL

DETAILED HYDRAULIC RESULTS FOR
MAINTAINED CONDITION MODEL (NO SEDIMENT REMOVED)

DETAILED HYDRAULIC RESULTS FOR
MAINTAINED CONDITION MODEL (SEDIMENT REMOVED)
