

7.0 TECHNICAL APPENDICES

APPENDIX A STUDY RELATED DOCUMENTS

- A1 Salt Marsh Restoration Plan from USACOE
- A2 FEMA Map

APPENDIX B HYDROLOGY CALCULATIONS

- B1 Existing Condition Rational Method Calculations
 - a) High Confidence Events
 - i. HC 100-Year Storm Event
 - ii. HC 25-Year Storm Event
 - iii. HC 10-Year Storm Event
 - b) Expected Value (50% Confidence) Events
 - i. EV 100-Year Storm Event
 - ii. EV 2-Year Storm Event
- B2 Proposed Condition Rational Method Calculations
 - a) High Confidence Events
 - i. HC 100-Year Storm Event
 - ii. HC 25-Year Storm Event
 - iii. HC 10-Year Storm Event
 - b) Expected Value (50% Confidence) Events
 - i. EV 100-Year Storm Event
 - ii. EV 2-Year Storm Event
- B3 Existing Condition Small Area Unit Hydrograph Calculations
 - a) High Confidence Events
 - i. Infiltration Analysis
 - ii. HC 100-Year Storm Event
 - iii. HC 25-Year Storm Event
 - iv. HC 10-Year Storm Event
 - b) Expected Value (50% Confidence) Events
 - i. Infiltration Analysis
 - ii. EV 100-Year Storm Event
 - iii. EV 2-Year Storm Event
- B4 Proposed Condition Small Area Unit Hydrograph Calculations
 - a) High Confidence Events
 - i. Infiltration Analysis

- ii. HC 100-Year Storm Event
- iii. HC 25-Year Storm Event
- iv. HC 10-Year Storm Event
- b) Expected Value (50% Confidence) Events
 - i. Infiltration Analysis
 - ii. EV 100-Year Storm Event
 - iii. EV 2-Year Storm Event

APPENDIX C HEC-RAS MODELING

- C1 HEC-RAS Modeling Report for Northerly Arroyo Channel
- C2 HEC-RAS Modeling Report for Southerly Arroyo Channel under Existing Condition
- C3 HEC-RAS Modeling Report for Southerly Arroyo Channel under Proposed Condition

APPENDIX D WATER BUDGET ANALYSIS

- D1 Northerly Arroyo under Existing Condition
- D2 Northerly Arroyo under Proposed Condition
- D3 Southerly Arroyo under Existing Condition
- D4 Southerly Arroyo under Proposed Condition
- D5 ET Reference Material

APPENDIX E BEST MANAGEMENT PRACTICES

- E1 Site Design/LID BMPs
- E2 Source Control BMPs
- E3 LID / Treatment Control BMP Calculations