

Recommended Minimum Flows for the Homosassa River System - Appendices



October 30, 2012



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Southwest Florida Water Management District
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and

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with contributions by

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On the Cover: Aerial photograph of the Homosassa Main Springs pool and upper portion of the Homosassa River in 2001 (Southwest Florida Water Management District files).

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Appendix B – Basso, R. 2010. Predicted groundwater withdrawal impacts to Homosassa Springs based on numerical model results. Technical memorandum dated February 15, 2010. Southwest Florida Water Management District. Brooksville, Florida.

Appendix C – Wang, P. 2007. Shoreline mapping and bathymetric survey for the Homosassa River systems. University of South Florida. Tampa, Florida. Prepared for the Southwest Florida Water Management District. Brooksville, Florida.

Appendix D – Grabe, S.A. and Janicki, A. 2010. Characterization of macro-invertebrate communities of the Homosassa & Hall's Rivers. St. Petersburg, Florida. Prepared for the Southwest Florida Water Management District. Brooksville, Florida.

Appendix E – PBS&J. 2009. Vegetation mapping of the Homosassa River in support of minimum flows and levels establishment; final – January 2009. Tampa, Florida. Prepared for the Southwest Florida Water Management District. Brooksville, Florida.

Appendix F – Water & Air Research, Inc. 2010. Mollusc survey of the Homosassa River; Purchase Order #08POSOS1805. Gainesville, Florida. Prepared for the Southwest Florida Water Management District. Brooksville, Florida.

Appendix G – Culter, J.K. 2010. Evaluation of the spatial extent and relative density of barnacles in Crystal, Homosassa and Withlacoochee Rivers, Florida. Mote Marine Laboratory. Sarasota, Florida. Prepared for the Southwest Florida Water Management District. Brooksville, Florida.

Appendix H – Peebles, E.B., MacDonald, T.C., Burghart, S.E., Guenther, C., Matheson, R.E., Jr., and McMichael, R.H., Jr. 2009. Freshwater inflow effects on fish and invertebrate use of the Homosassa River estuary. University of South Florida College of Marine Science and Florida Fish and Wildlife Conservation Commission. St. Petersburg, Florida. Prepared for the Southwest Florida Water Management District. Brooksville, Florida.

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Appendix S – Hackney, C.T., Peterson, M.S. and Motz, L.H. 2010. Scientific review of the recommended minimum flows for the Homosassa River system scientific peer review report, October 17, 2010. Prepared for the Southwest Florida Water Management District. Brooksville, Florida.

Appendix T – Excerpt from the November 16, 2010 Southwest Florida Water Management District Governing Board Meeting Agenda and Meeting Information document concerning peer-review of proposed minimum flows for the Homosassa River system.

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Homosassa River system scientific peer review report, October 17, 2010. Prepared for the Southwest Florida Water Management District. Brooksville, Florida.

Appendix W – Correspondence and other relevant documents associated with stakeholder input and public outreach concerning development of proposed minimum flows for the Homosassa River system and the District’s Springs Coast Minimum Flows and Levels Public Workshop series.

Appendix X – Watson, K.W., Yang, L., and Mades, D. 2011. Memorandum to Mr. Douglas A. Leeper, Southwest Florida Water Management District, dated February 8, 2011. Regarding: technical memo, use of a hydrodynamic model for evaluating salinities in the Homosassa River in support of MFLs development, P.O. 11POSOW0482. HSW Engineering, Inc. Tampa, Florida.

Appendix Y – Watson, K.W. and Yang, L. 2011. Memorandum to Mr. Douglas A. Leeper, Southwest Florida Water Management District, dated May 13, 2011. Regarding: technical memo, use of a hydrodynamic model for evaluating effects of sea level change on salinities in the Homosassa River in support of MFLs development, P.O. 11POSOW0482. HSW Engineering, Inc. Tampa, Florida.

Appendix Z – Watson, K.W. and Yang, L. 2011. Memorandum to Mr. Douglas A. Leeper, Southwest Florida Water Management District, dated November 7, 2011. Regarding: use of hydrodynamic and empirical models for evaluating salinity regimes in the Homosassa River in support of MFLs development, P.O. 11POSOW0482. HSW Engineering, Inc. Tampa, Florida.

Appendix AA – Heyl, M.G. 2012. Technical memorandum to file, dated February 29, 2012 (updated April 6 and October 24, 2012). Regarding: impact of flow on NO₃+NO₂ concentrations in seven Florida spring discharges. Southwest Florida Water Management District. Brooksville, Florida.

Appendix AB – Watson, K.W., and Yang, L. 2012. Memorandum to Mr. Douglas A. Leeper, Southwest Florida Water Management District, dated May 2, 2012. Regarding: use of the Homosassa hydrodynamic model for evaluating the 3 psu isohaline salinity regime through use of an adjusted flow record associated with a 3.2 inch sea level rise in support of MFLs development, PO 12P00000667. HSW Engineering, Inc. Tampa, Florida.