



*Florida Department of  
Environmental Protection*

# *Indian River Lagoon Basin Management Action Plans*

September 20, 2012



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# *Updates to the Draft BMAPs*





## *New Section on Other Restoration Plans*

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- New Section 1.5 was added to all three BMAPs.
- Describes how the BMAPs are related to the Surface Water Improvement and Management (SWIM) Plan and Comprehensive Conservation Management Plan (CCMP) for the IRL Basin.
- Links to the SWIM Plan and CCMP were also included in Appendix G with the other key websites.





## *New Consideration on Impaired Tributaries*

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- A new considerations bullet was added to all three BMAPs to note the impaired tributaries in each subbasin:
  - BRL – Sykes Creek/Barge Canal (draft TMDL);
  - North IRL – Turnbull Creek marine, Turnbull Creek freshwater, Horse Creek, Addison Creek, and Eau Gallie River; and
  - Central IRL – Crane Creek, Turkey Creek/Palm Bay, St. Sebastian River, South Prong St. Sebastian River, C-54 Canal, Horse Creek, and Goat Creek (draft TMDL).





## *Other Edits in All Three BMAPs*

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- Added text in all three BMAPs to better explain how the TMDL seagrass depth limit targets were developed and how the 10% deviation was determined (added to both the Executive Summary and TMDLs section in Chapter 1).
- The TMDL tables in the Executive Summary and Chapter 1 now include columns showing the project zones for each WBID.
- The Stakeholder Involvement section (Chapter 1) and Appendix G now include links to the FTP site for the meeting summaries.





## *Other Edits in the BRL BMAP*

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- Footnotes were added to Tables 12 and 13 in Section 4.4 (allocations) to note that the total required reductions do not match the TMDL stormwater reductions because reductions are only needed in the BRL B project zone.
- The footnotes also state that the 15% of the required reductions are based on the numbers in the tables, not the TMDL reductions.





## *Other Edits in the North IRL BMAP*

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- Footnotes were added to Tables 17-20 in Section 4.4 (allocations) to note that the numbers in these tables do not match the TMDL required reductions for stormwater sources because new area was added to three cities as part of the BMAP.
- A new research priority (Section 6.5) was added on the impacts to seagrass of sediment resuspension from boat traffic.





## *Other Edits in the Central IRL BMAP*

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- Text was added to Section 4.7.2 that discussions on the C-54 operations are still ongoing.
- The Sebastian River Improvement District monitoring station was added to the monitoring plan table and map (Section 5.4.2).
- North St. Lucie River Water Control District was added to the list of southern IRL stakeholders, and their monitoring station and projects were added to the BMAP (Chapter 6 and Appendix E).





# *Comments and Questions on the BMAPs*

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# *BMAP Adoption Process*





## *Public Meetings on the BMAPs*

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- Central IRL – Saturday, September 29<sup>th</sup> as part of National Estuaries Day at Harbor Branch in Fort Pierce.
- North IRL – Saturday, November 10<sup>th</sup> as part of IRL Day at The Lagoon House in Palm Bay.
- BRL – Wednesday, November 14<sup>th</sup> at 6:00 PM at the Cocoa Beach Public Library.





## *BMAP Policy Briefings*

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- Central IRL BMAP – St. Lucie County Commission on September 18<sup>th</sup>.
- Central IRL BMAP - Treasure Coast League of Cities meeting on September 19<sup>th</sup>.
  - Summarize feedback from these meetings.
- BRL and North IRL BMAPs – Space Coast League of Cities meeting on Monday, November 12<sup>th</sup>.
  - 7:00 PM at Dixie Crossroads in Titusville.





## *Individual Policy Briefings*

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- The following stakeholders asked for briefings to their commissions/councils:
  - Titusville – October 9<sup>th</sup>;
  - Indian River County – October 16<sup>th</sup>;
  - Vero Beach – October 16<sup>th</sup>;
  - Palm Bay – October 18<sup>th</sup>;
  - Brevard County – November 13<sup>th</sup>; and
  - Cocoa Beach – November 15<sup>th</sup> (tentative).





## *Reminder - Letters of Commitment*

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- Providing a letter of commitment or resolution of support for the BMAP is not required.
- Stakeholders in other basins have stated that having this letter provides a way to show support for the BMAP as staff and board/commission members change over time.
- An example letter and resolution were provided. The wording and format can be modified to meet each stakeholder's needs.
- The letter or resolution should be submitted by the end of the year (December 31<sup>st</sup>) for inclusion in Chapter 7 of the BMAPs.





# *Questions about the BMAP Adoption Process*

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## *Next Steps*





## *Sediment and Erosion Control Workshop*

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- Proposed workshop format:
  - 1.5 days of the standard training, with field demonstration, followed by 1 day workshop focused on erosion control.
- Because of the basin length, want to hold 2 workshops.
- Tentative dates November 13-15, or early December 2012.





## *BMAP Follow-up*

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- Contacted FWC and USFWS – no response to date.
- Update on status of algal blooms.
- Atmospheric deposition study.
- Water Control District enforcement of BMAP.
- Southern IRL WBIDs will be moved from Group 2 to Group 5 starting in 2014. Group 2 will be evaluated in 2013.





## *Questions on Next Steps*

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