



Everglades West Coast Basin Management Action Plan Annual Meeting

December 18, 2018



Agenda

- Overview of the Everglades West Coast (EWC) Basin Management Action Plan (BMAP)
- Statewide Annual Report
- Stakeholder Presentations
- Water Quality Review
- Next Steps



Overview of EWC BMAP

EWC Total Daily Maximum Loads (TMDLs)

EWC BMAP Background



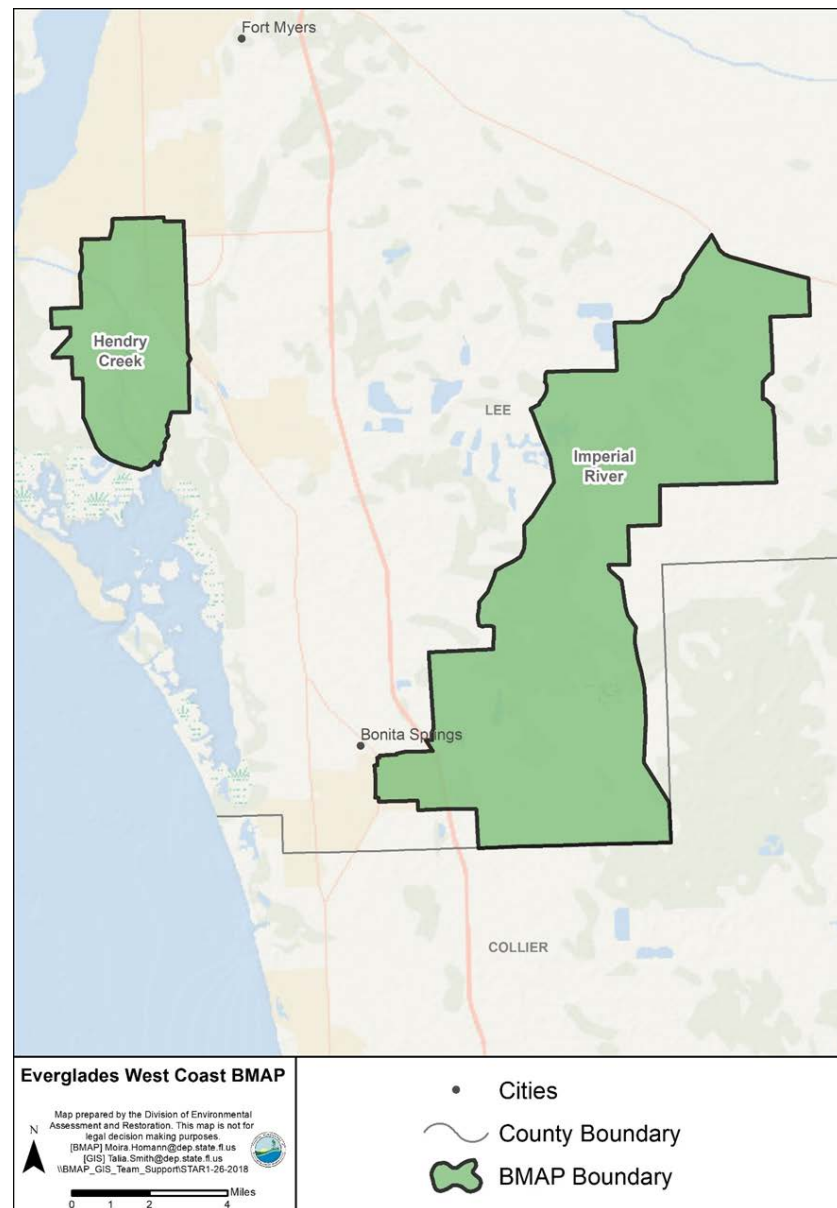
Everglades West Coast TMDLs

- Hendry Creek and Imperial River TMDLs adopted in 2008
 - Total nitrogen (TN) reductions
 - Dissolved oxygen (DO) impairments
- Target concentration 0.74 mg/L TN
 - 0.60 mg/L TN for Hendry WBID 3258B1



Everglades West Coast BMAP

- BMAP adopted in November 2012
- Total required reductions:
 - Hendry Creek:
44, 414 lbs/yr TN
 - Imperial River:
192, 202 lbs/yr TN
- Stakeholders:
 - Agriculture/Florida Department of Agriculture and Consumer Services
 - City of Bonita Springs
 - Florida Department of Transportation District 1
 - Lee County



12/19/2018



Statewide Annual Report (STAR)

STAR Background

STAR 2018 Progress

STAR 2019 Timeline



STAR Background

- Requirement under Section 403.0675 Florida Statutes (F.S.) to provide an annual update to the Governor and Legislature
- Summarizes accomplishments in the BMAPs statewide
- Reports on restoration projects and management strategies
- All BMAP reporting periods align with calendar year
- Submitted to the Governor and the Legislature by July 1 of each year
- Annual meetings → opportunity to highlight stakeholder activities



STAR 2018

First STAR submitted to the
Governor and the Legislature
June 29, 2018

<https://floridadep.gov/STAR>

***Florida Statewide Annual Report on
Total Maximum Daily Loads, Basin
Management Action Plans, Minimum
Flows or Minimum Water Levels, and
Recovery or Prevention Strategies***

Florida Department of Environmental Protection

Division of Environmental Assessment and Restoration
and
Office of Water Policy

June 2018

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Tallahassee, Florida 32399
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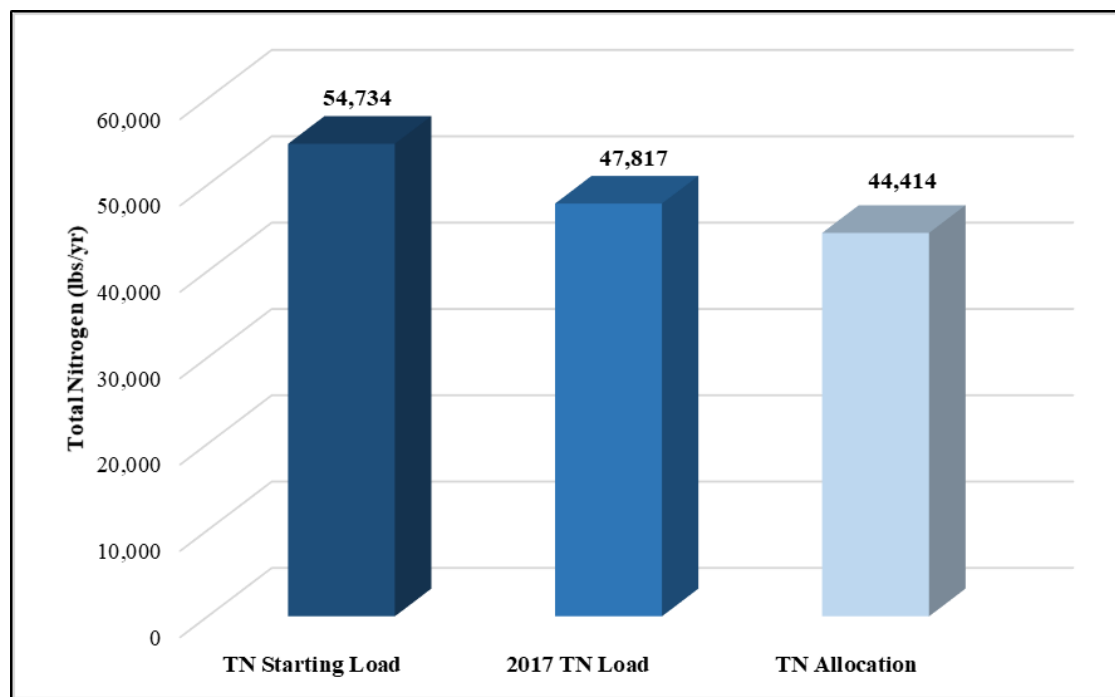


Progress Toward the TN TMDL

Hendry Creek

- Through December 31, 2017:

- 11 completed projects
- 2 underway/planned
- 6,917 lbs/yr TN in estimated reductions
- 67 % of reductions needed to meet the TMDL



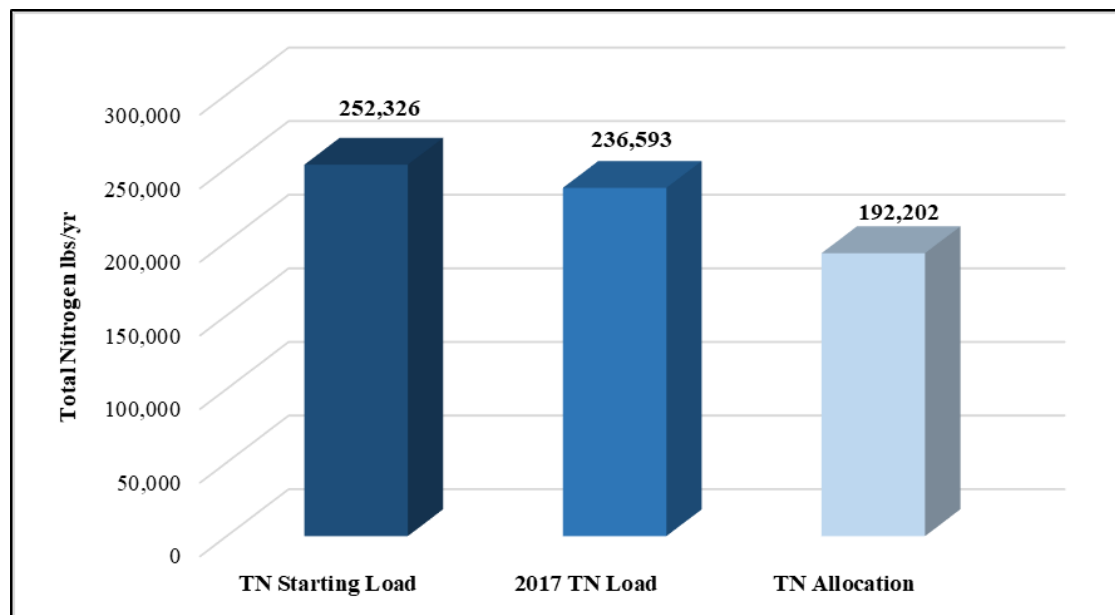


Progress Toward the TN TMDL

Imperial River

- Through December 31, 2017:

- 22 completed projects
- 2 underway/planned
- 15,733 lbs/yr TN in estimated reductions
- 26 % of reductions needed to meet the TMDL





STAR 2019 Timeline

November 2018

**Request for
review
project updates
through Dec. 31,
2018**

**January 15,
2019**

**Deadline for
project
information to
be submitted
to DEP**

**February
through June
2019**

**Draft Report
Compiled**

July 1, 2019

**Report
submitted to
Governor and
Legislature and
web posted**



Stakeholder Presentations



EWC Story Map

Everglades West Coast Basin Management Action Plan

[Introduction](#)[Overview](#)[Location](#)[Projects](#)[Progress](#)[Contacts & More Information](#)

INTRODUCTION

Welcome to the Everglades West Coast Basin Management Action Plan (BMAP) Story Map

A BMAP is the "blueprint" for restoring impaired waters by reducing pollutant loadings to meet the allowable loadings established in a Total Maximum Daily Load (TMDL). It represents a comprehensive set of strategies - permit limits on waste water facilities, urban and agricultural best practices, conservation programs, financial assistance and revenue generating activities, etc. - designated to implement the pollutant reductions established by the TMDL. This and other BMAP information can be found [here](#).

These broad based plans are developed with local stakeholders. They rely on local input and local commitment and they are adopted by Secretarial Order to be enforceable.

Please use the tabs above to navigate through this Story Map and learn more about the Everglades West Coast BMAP.

* The story map will display differently depending on the screen size and resolution being used. Story map best viewed in Chrome or Firefox.



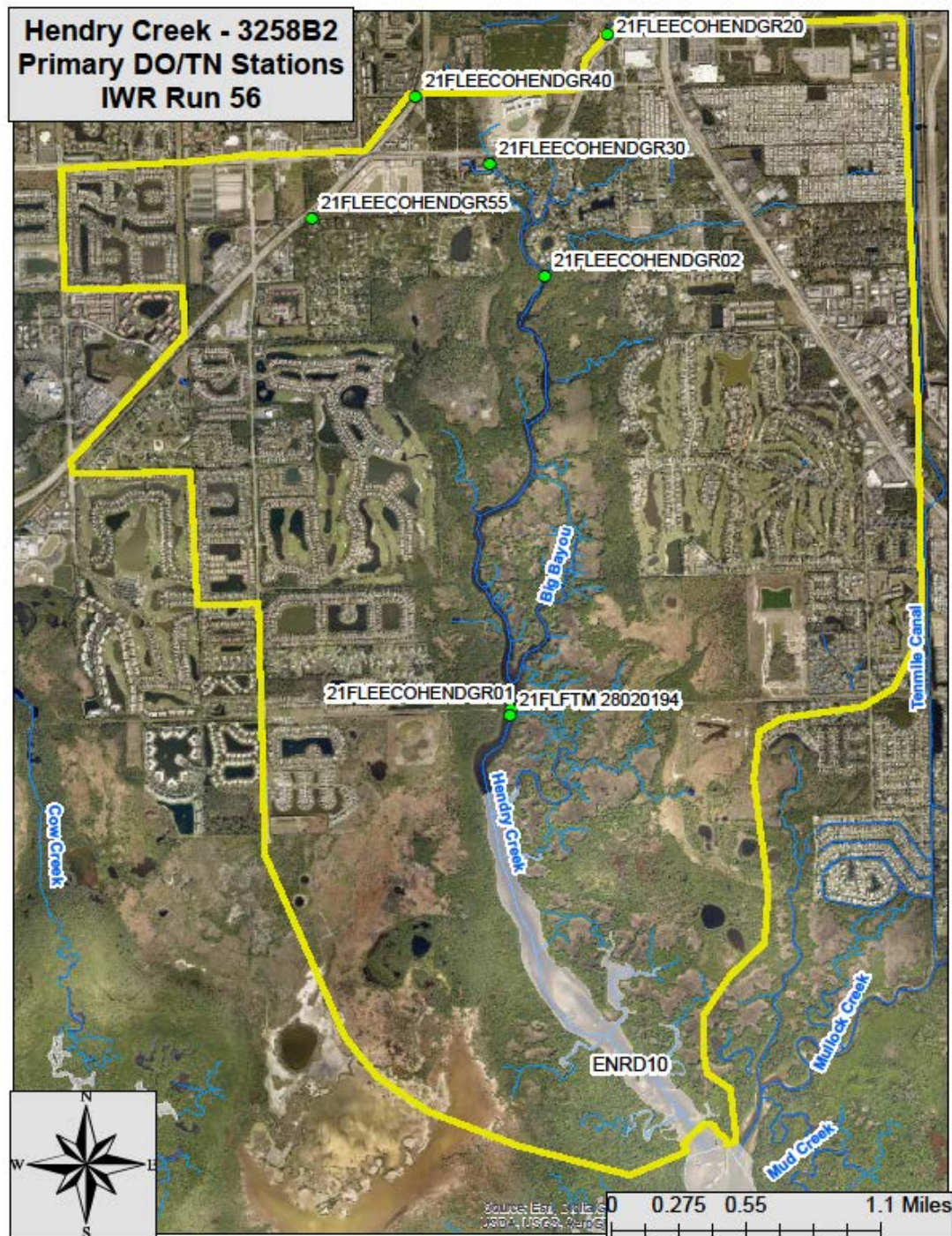


Water Quality Review

Watershed Assessment Section
Group 1 Impaired Waters Assessment



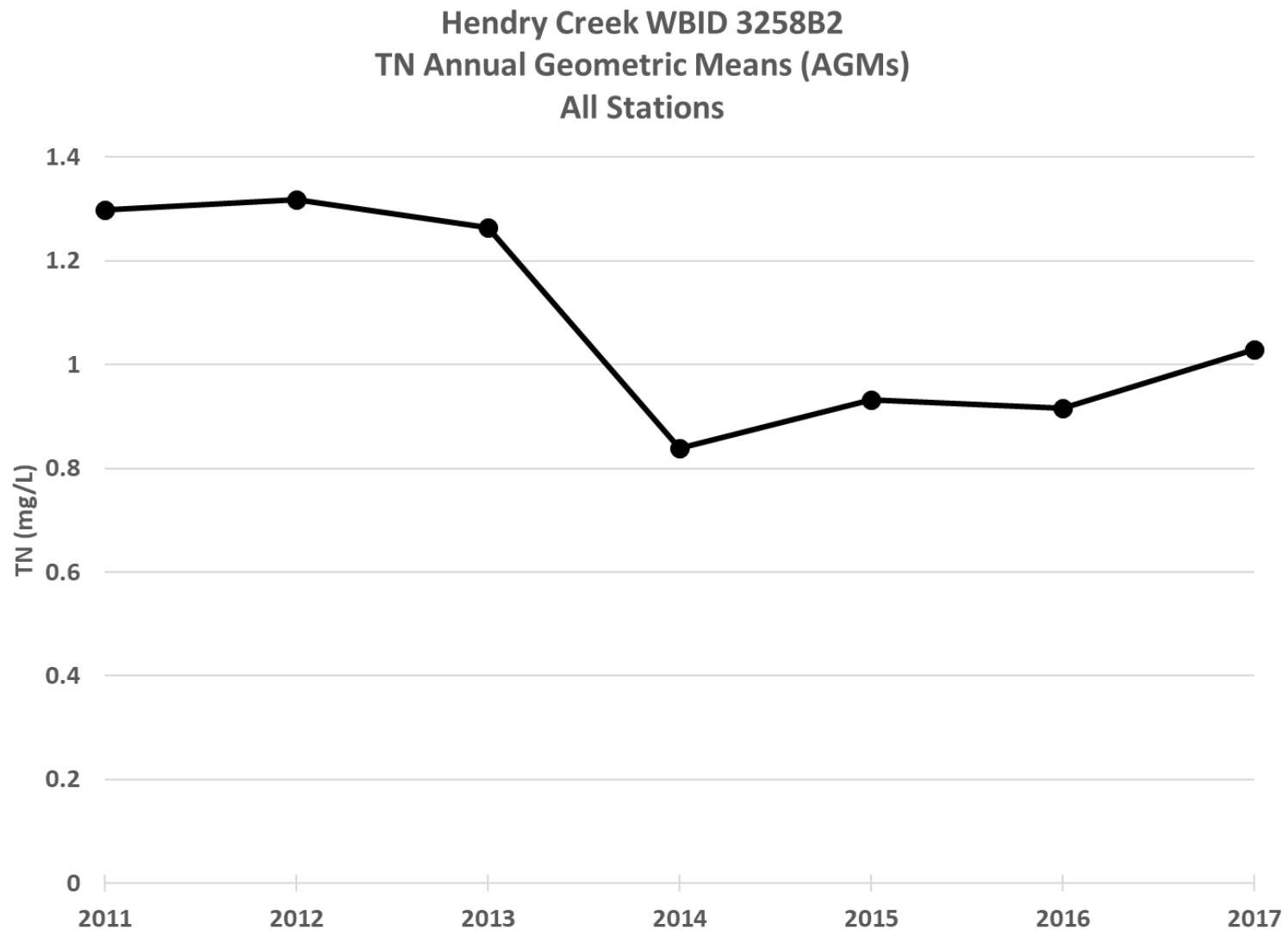
Hendry Creek TN/DO Stations





Hendry Creek

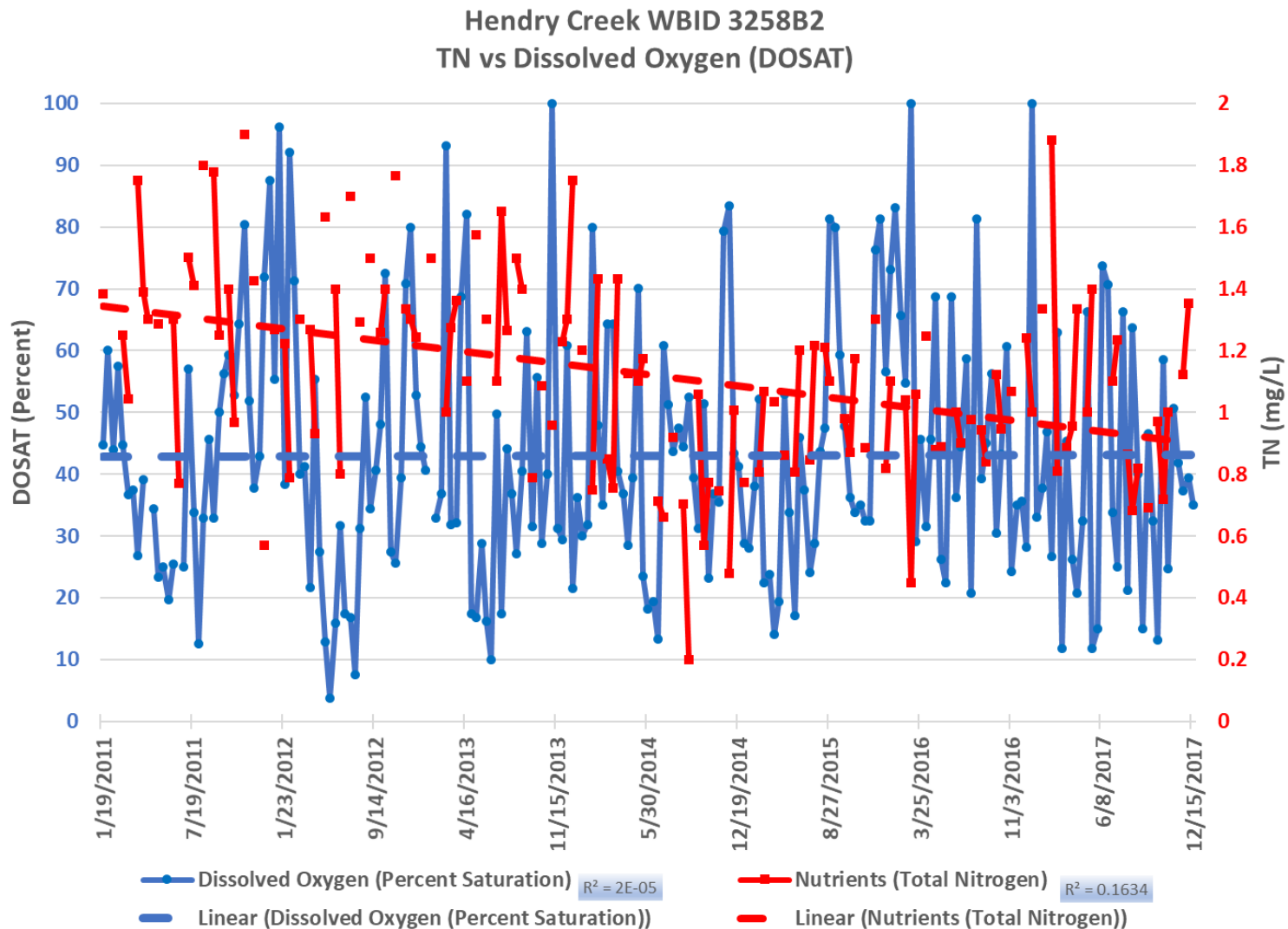
TN Target ≤ 0.74 mg/L





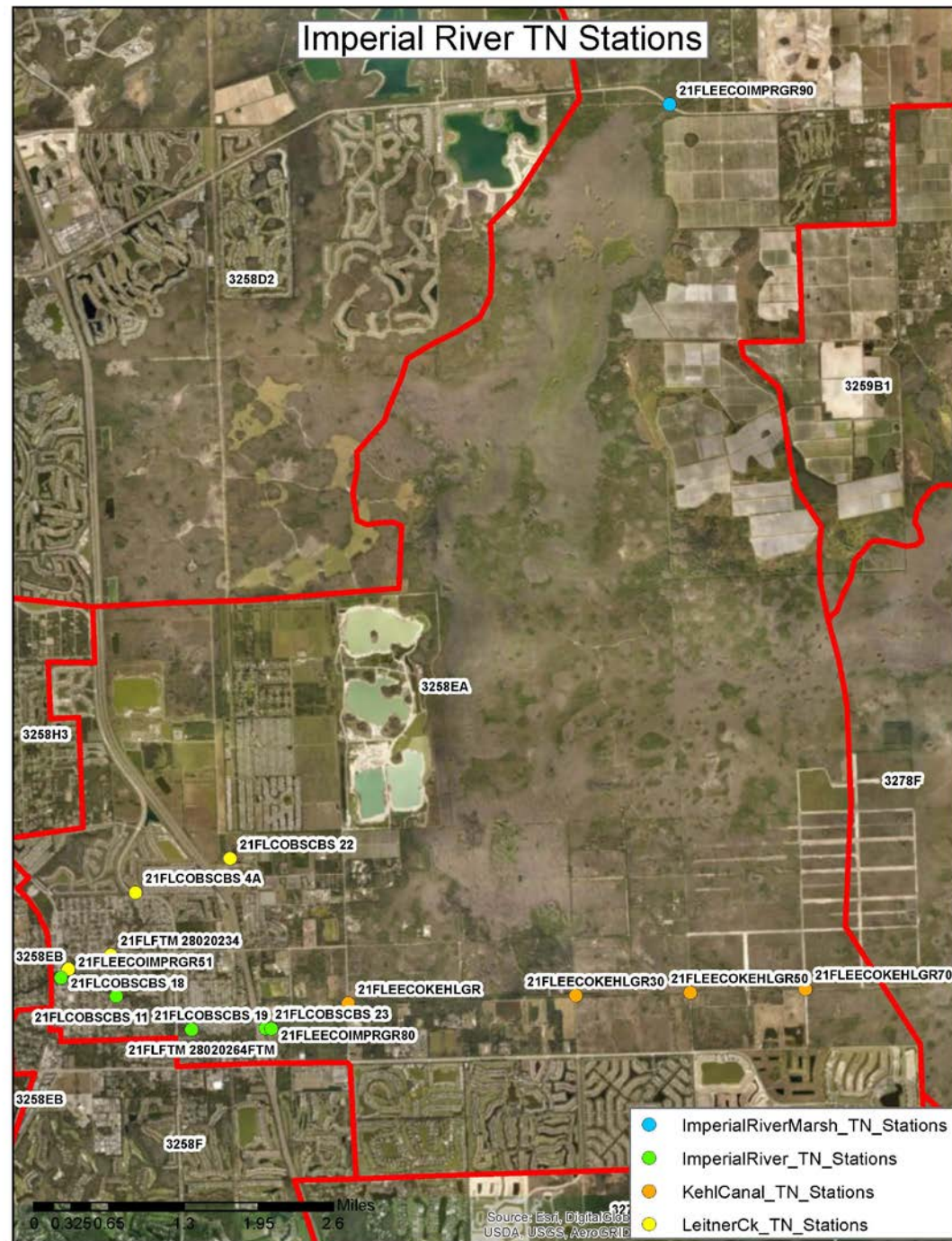
Hendry Creek

TN vs DOSAT





Imperial River TN/DO Stations

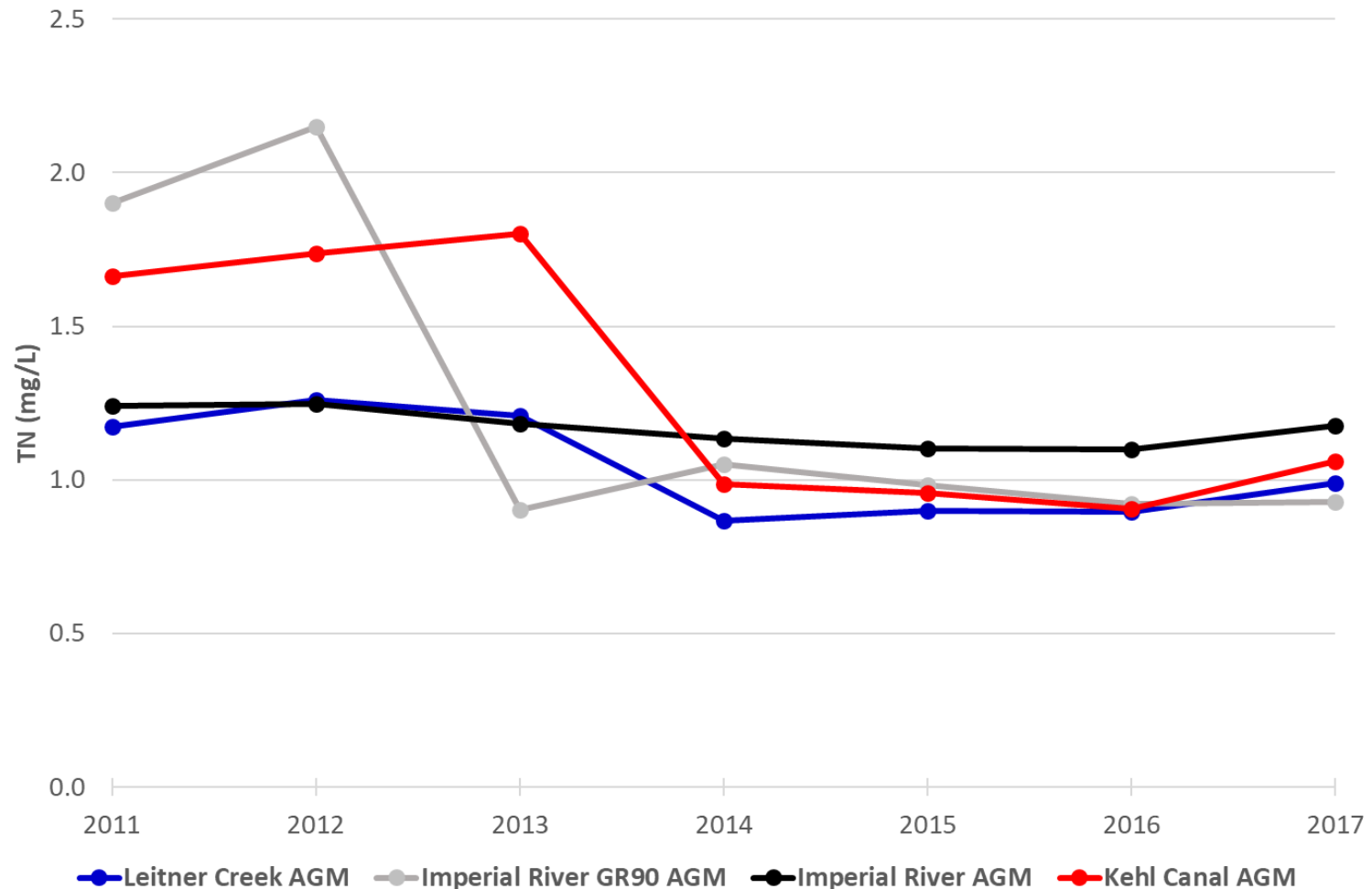




Imperial River

TN Target ≤ 0.74 mg/L

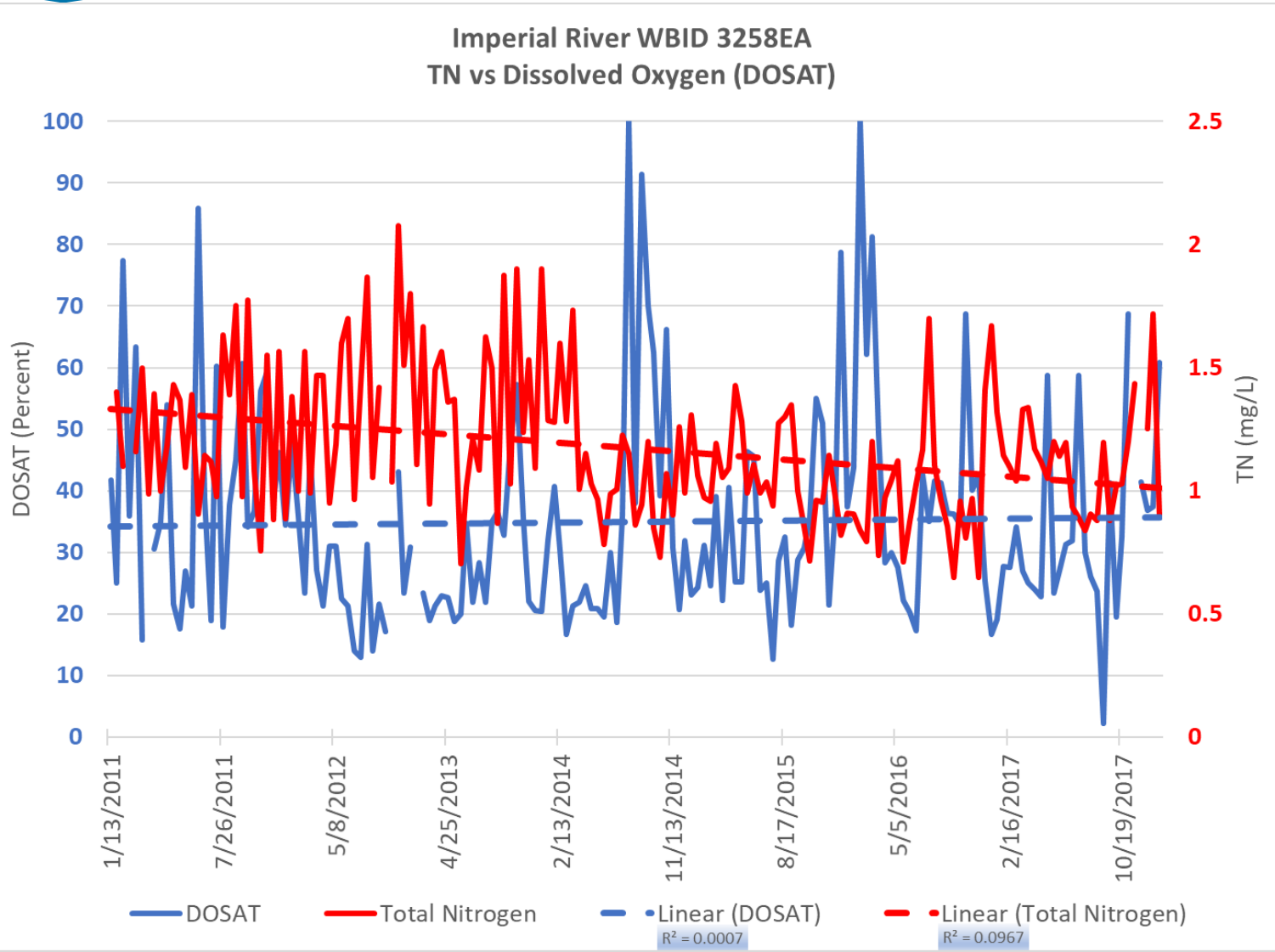
Imperial River WBID 3258EA
TN Annual Geometric Means (AGMs)





Imperial River

TN vs DOSAT





Contact Information

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Next Steps

- *Submit STAR project updates by January 15th*
- *STAR finalized June 2019*



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