

# Nature Coast Regional Water Authority

Greg Lang, Vice President  
Mittauer & Associates, Inc.

Presented to CKWSD, April 24, 2023



# Nature Coast Regional Water Authority

Established June 8, 2009

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## *Serving Dixie and Gilchrist Counties*

Thank you for your interest in Nature Coast Regional Water Authority. Nature Coast Regional Water Authority is dedicated to enhancing the quality of life in the Tri-County area by providing exceptional water service.

The Nature Coast Regional Water Authority holds their regularly scheduled meetings at the Fanning Springs City Hall, which is located at 17651 NW 90th Court, Fanning Springs, FL 32693. These meetings are held on the third Wednesday of each month at 4:00 p.m.

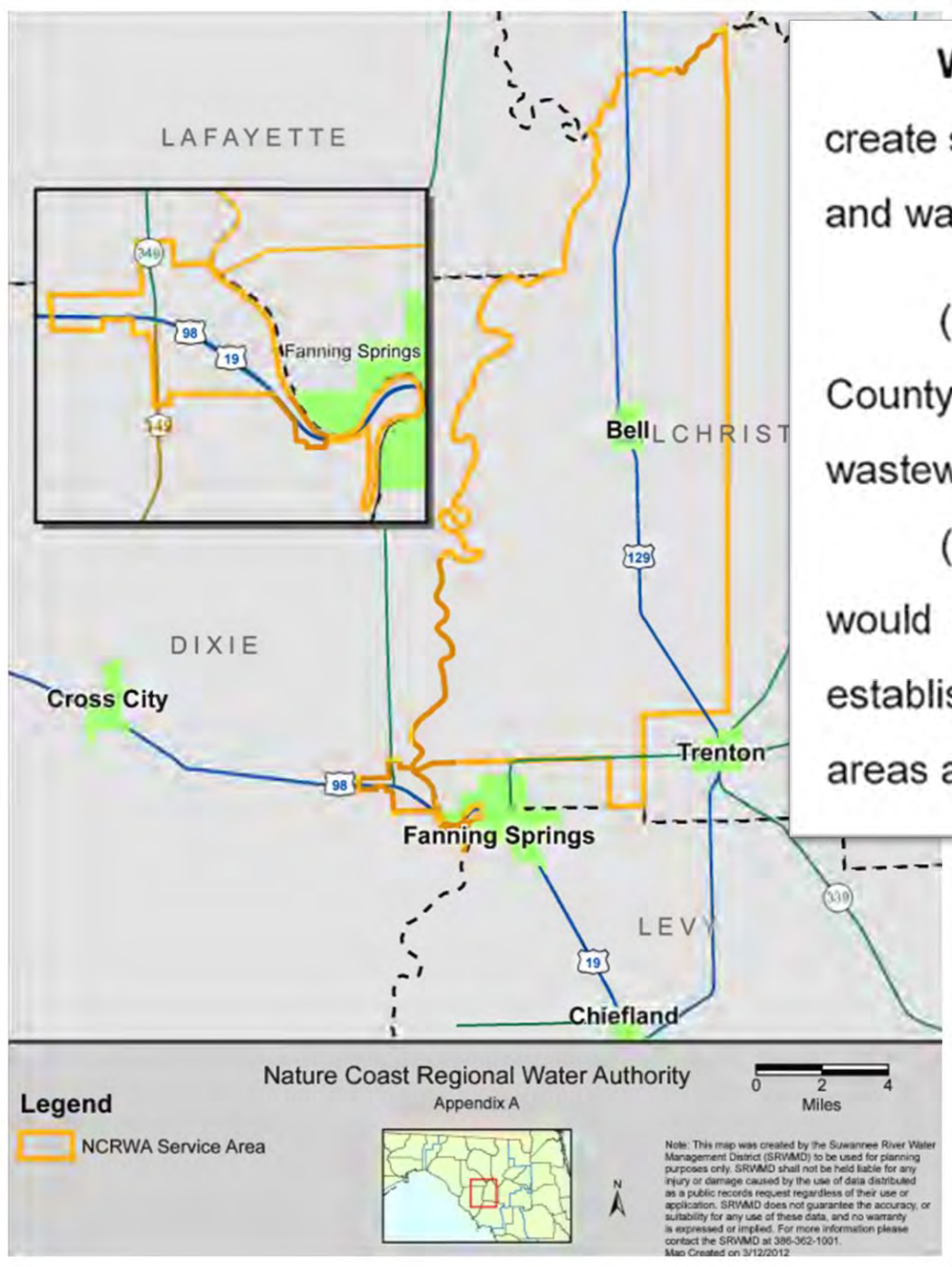
### **Members:**

City of Fanning Springs  
Town of Bell  
Dixie County  
Gilchrist County

*To make a Public  
Records Request or for  
general information  
please contact the  
Public Records  
Custodian:*

**Cheyenne Stemple**  
PO Box 2600  
Cross City, Florida 32628  
Phone: (352) 498-1426  
Fax: (352) 498-1277  
[ncrwa@att.net](mailto:ncrwa@att.net)

- Provide water and wastewater services
- Springs protection & aquifer recharge
- Protect environment & public health
- Support local jobs & economy



**WHEREAS**, the Authority has determined that it is in their best interest to create such a legal entity to acquire, own, improve, operate and maintain water and wastewater utilities, for the following reasons:

(1) It is in the best interest of certain unincorporated areas of Dixie County, Florida and Gilchrist County, Florida for the Authority to furnish water, wastewater, and reclaimed water utilities.

(2) The municipalities of Bell, Cross City, Fanning Springs, and Trenton would best be served by having the flexibility for the Authority to furnish or establish water, wastewater, and reclaimed water utilities in new development areas and wherever else deemed necessary.

**Current Membership:**

1. Dixie & Levy Counties
2. City of Fanning Springs
3. Town of Bell

# NCRWA powers & responsibilities

- Each Member has the power to acquire, own, improve, operate and maintain water & wastewater facilities pursuant to respective FL Constitutional powers
- NCRWA powers are granted by Sec. 163.01, Florida Statutes
- NCRWA has no taxing authority but may enter into debt obligations payable with pledged revenues
- Must provide the most cost-effective services to its members
- The municipality members may continue to provide water, wastewater and reclaimed water services within their utility service area boundaries
- Dixie County established a Service Area allowing NCRWA to provide potable water
- NCRWA shall have the absolute obligation to meet the water, wastewater & reclaimed water needs of Authority customers

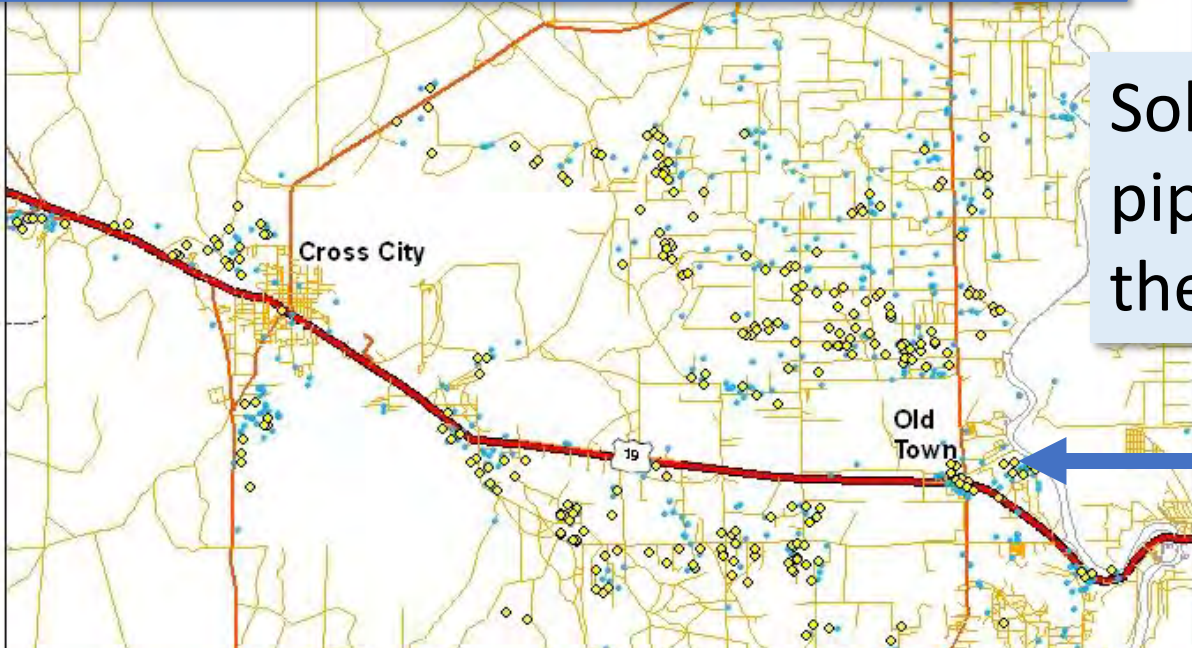
# NCRWA- Lessons Learned & Observations

- Board Members appointed by respective jurisdictions
- NCRWA Board Members are unpaid, dedicated volunteers
- NCRWA has no staff
- Mittauer & Associates duties:
  - All funding efforts
  - Engineering planning, design, permitting, bidding & award
  - Construction administration
  - Grant & Project management
  - Contracts compliance items
  - Financial reporting, tracking
- Multiple jurisdictions, service area w- significant challenges & opportunities
- NCRWA Members can & have changed since inception
- Important to have quality relationships with funding & regulatory agencies, legislators
- A project takes years of effort to plan, fund, design & construct
- Board Members and Consultant must have very low turnover to successfully see projects to the finish line

Problem: Unsafe Arsenic levels in drinking water wells, no fire hydrants.

# NCRWA- PROJECT No. 1

Solution: Design and construct a pipeline from Fanning Springs across the Suwannee River to Dixie County



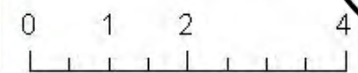
Old Town, Dixie County

Funding Total: \$2.1 million (100% grant)

1. FDEP Grant
2. SRWMD Grant
3. WQ Trust Fund Grant



**MITTAUER & ASSOCIATES, INC.**  
CONSULTING ENGINEERS & PROJECT FUNDING SPECIALISTS



Nature Coast Trail -  
Suwannee River Bridge

Old Town

River Walk of  
Fanning Springs

Fanning Springs  
State Park

Fanning  
Springs

Suwannee River

Suwannee River

# SRF OLD TOWN WATER SYSTEM EXTENSION, PHASE 1 FOR NATURE COAST REGIONAL WATER AUTHORITY (NCRWA)

M & A Project No. 0904-03-1

### DRAWING INDEX

SHEET NO.	TITLE
1	COVER
2	GENERAL NOTES, MISCELLANEOUS & PROJECT CONTACTS
3	NOT MAP
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**NCRWA BOARD OF DIRECTORS**

**MIKE CASSEY**  
CHAIRMAN

**BOBBY CROSSBY**  
VICE CHAIRMAN

**DAN CAVANAH**  
TREASURER

**SHILLA WATSON**  
BOARD MEMBER



**MITTAUER ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
5801 WELLS ROAD, CHICAGO PARK, FLORIDA 32022  
TEL: 704-270-0300 FAX: 704-270-0302  
JANUARY, 2015



05/03/2018





Problem: 27 septic tanks serving 100 RV sites. Otter Springs has elevated levels of nitrates

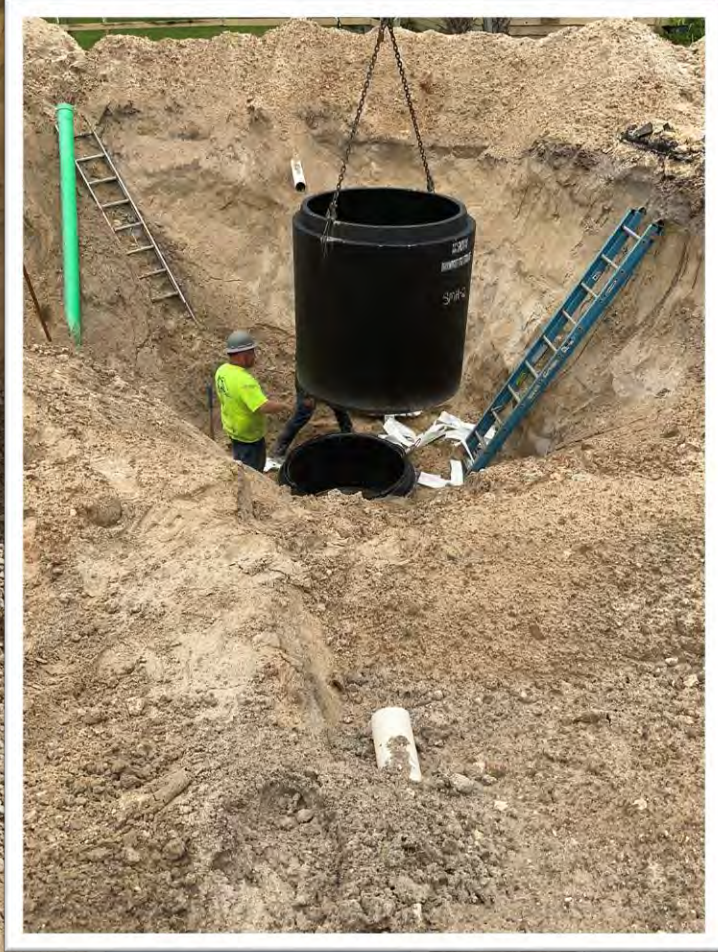
Solution: Design and construct a wastewater collection system, pump station and DWTU system, decommission 27 septic tanks

Funding: \$2 million DEP Springs Restoration (100% grant)

# NCRWA- PROJECT No. 2



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PROJECT FUNDING SPECIALISTS





DWTU tanks (3) at 20,000 Gallons each



DWTU tanks installed w/ controls building and fencing

Absorption beds- last stop in treatment train



Lysimeters installed in absorption bed to measure nutrient reduction



Pump Station-Wet Well

Problem: Lancaster CI has a WWTF that does not meet nutrient reductions limits

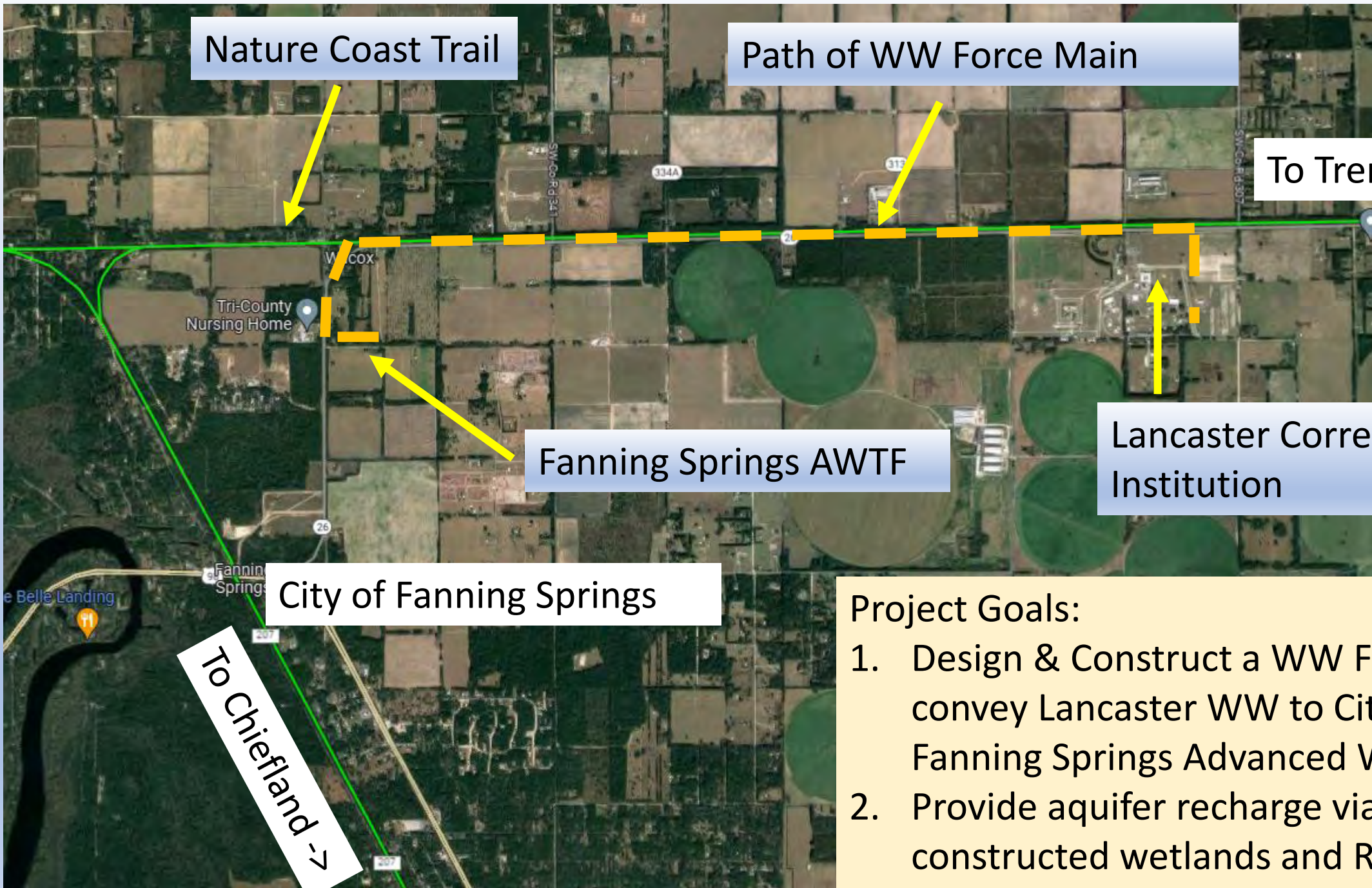
## NCRWA- PROJECT No. 3

Solution: Design and construct a wastewater forcemain to the City of Fanning Springs AWTF

Funding: \$3 million DEP Wastewater & Federal (ARPA) (100% grant)







Nature Coast Trail

Path of WW Force Main

To Trenton ->

Tri-County Nursing Home

Fanning Springs AWTF

Lancaster Correctional Institution

City of Fanning Springs

To Chiefland ->

- Project Goals:
1. Design & Construct a WW FM to convey Lancaster WW to City of Fanning Springs Advanced WWTF
  2. Provide aquifer recharge via constructed wetlands and RIBS