

Howey-in-the Hills Septic Tank Conversion Program





Distributed Sewer

No pumpouts or
drainfield
replacements

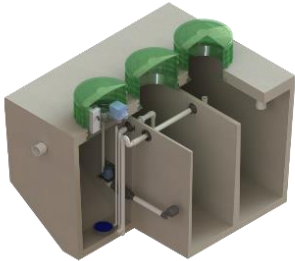
Provides nutrient treatment to protect our waterways

- Service provided by the City of St. Cloud
- Treatment unit installed and maintained by the City
- After installation, the only cost to homeowner is a monthly sewer bill



NOT A NEXT-GENERATION SEPTIC TANK

How does it work?



- Mini-wastewater treatment plants
- Rigorously field tested in Florida by state regulators
- Exceeds state treatment standards with 90% nitrogen removal to better protect waterways
- No risk of sewer overflows or clogging during power failures
- Continuously monitored and controlled by state licensed operators



Live View

Station ID: FL_LAK_1

Connection Status:

03-06-2019 09:08:07

ONLINE

Connection PLC: OK

Inbound Service: OK

Outbound Service: OK

Alarm Status: OK

Time Elapsed: 00:01:38

Time out: 00:10:00

ACTIVE DATA

CURRENT BATCH SIZE: 125 GAL

PROCESS STAGE (43): AIBRATE 3

TIME ELAPSED(STAGE): 01:02:41

TIME LEFT(STAGE): 05:57:18

LAST BATCH

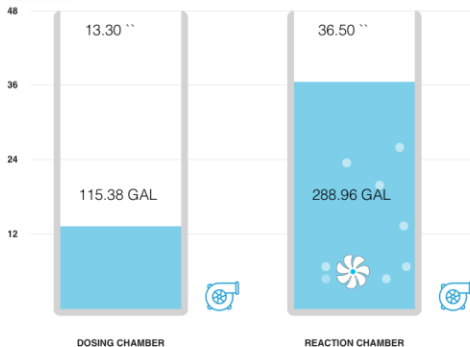
LAST BATCH SIZE: 125 GAL

START TIME(XFER): 12-21-02

END TIME(DISCH): 10/37/27

BATCH DURATION (Hours): 70:27

FLUID LEVELS



Filtered by

State:

County:

Operator:

Permit No:

Model No:

Filter...

Status

Online Stations: 0

In Alarms: 1

Offline Stations: 0

Total Stations: 0

AUTO

PAUSE

SKIP

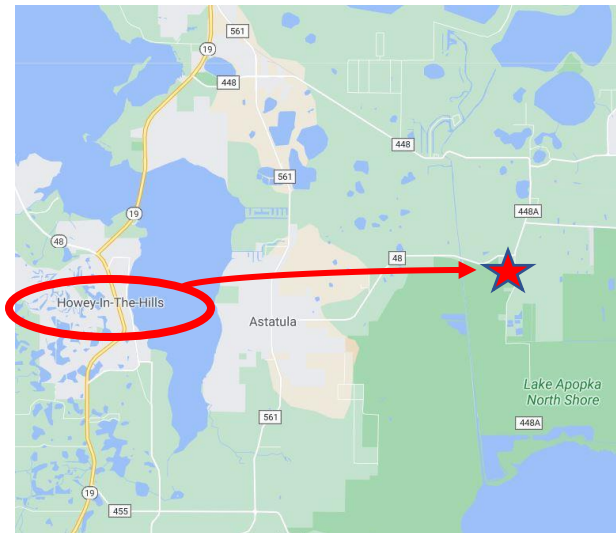
START OK

ABORT

RESET

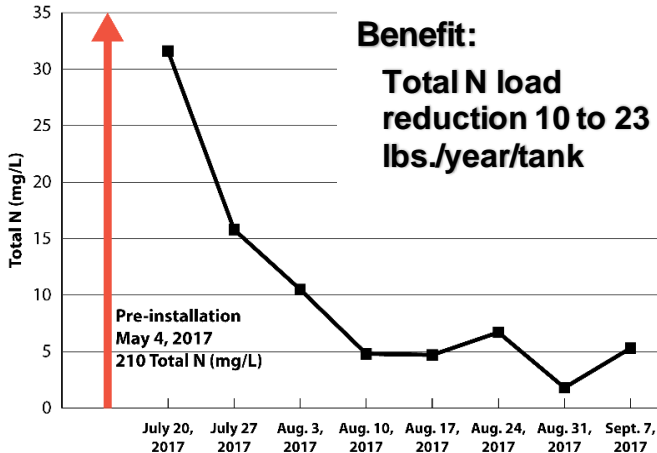
Proven Right Here in Central Florida

- Lake Apopka Field Station
- 3 Year Testing Program
- FDEP Managed



SJRWMD Distributed Wastewater Treatment System Pilot Project

TN Reduction



Performance Dashboard

OnSyte
PERFORMANCE™

 SUPERADMIN

 ONSYTE-1



Statistics



Capacity:
13400.00 **GPD**

(Online Stations)



Avg. Daily Flow
5549.43 **GPD**

(Online Stations)



Total Volume Treated
2005150.00 **GAL**

(Online Stations)



GPD per Site
326.44



% Capacity
41.41

NR

Total Nitrogen Removed(Nr) in lbs
1489.15

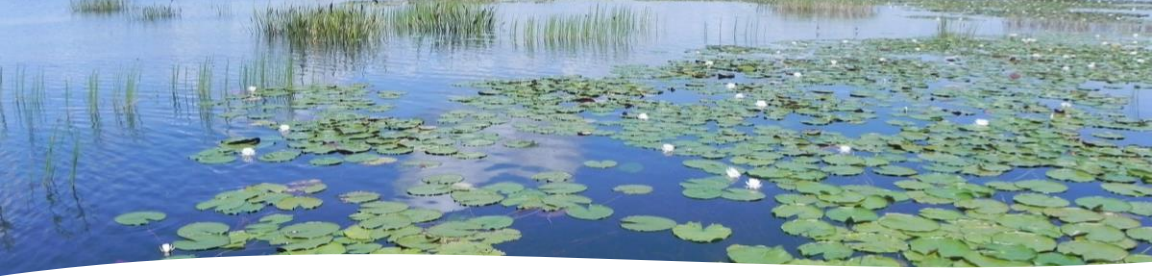
R

Nitrogen Reduction % (R)
89



Septic to Distributed Sewer Grant Funding Available from FDEP

- Reduces Septic Tank pollution
- Minimizes Homeowner Cost

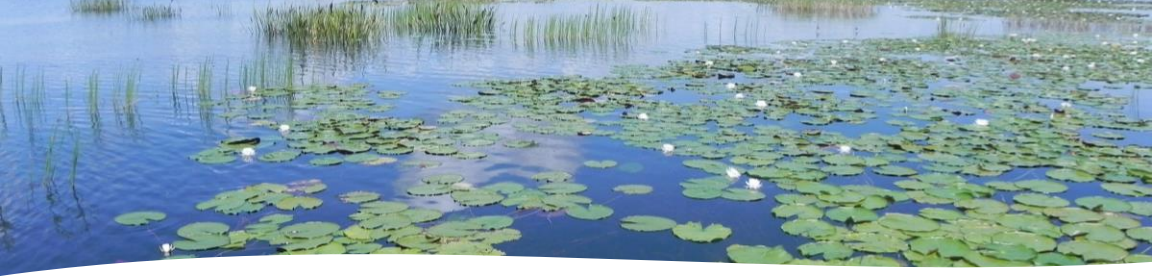


What's Happening Now?



COMMUNITY ENGAGEMENT

- **Voluntary participation!**
- Focused effort closest to waterways
- Educate citizens
 - Flyer campaign
 - Dedicated webpage
 - Community meeting



What's next?



- **Volunteer!**
- Screening Visit
- Inspection
- Written Estimate
- Installation
- Sewer Customer



Septic to Distributed Sewer Conversion

- Electrical Connection
- Drainfield Work (Optional)
- Abandon Septic Tank
- Installation of DWTU
- Commissioning
- Site Restoration (Sod or Mulch)
- Ongoing Service



Questions?