Florida Department of Environmental Protection

Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

ANNUAL REUSE REPORT

Part I - Instructions

1. This form is to be submitted on or before January 1 following the completion of each fiscal year (October 1 through September 30). Submittal is required by Rule 62-610.870, F.A.C. This report will be used to develop and maintain a reuse inventory. It will not be used for determination of compliance with permit limitations, other than requirements to submit this report. If flow monitoring information is not available for individual reuse types or types of users, please provide your best estimates of flows allocated to individual reuse types or types of users.

2. Submit one copy (including all attachments) to each of the following three addresses:

   a. DEP Water Reuse Coordinator
   Mail Station 3540
   2600 Blair Stone Road
   Tallahassee, Florida 32399-2400

   b. The appropriate DEP district office (attention Domestic Wastewater Program).

   c. The appropriate water management district.

3. Please type or print legibly. Submit all pages of this form.

4. Completion of this report is required for all domestic wastewater facilities having permitted capacities of 0.1 mgd or larger which contribute reclaimed water to one or more reuse systems permitted under Chapter 62-610, F.A.C. This form is to be completed annually for each separate reuse system. For purposes of this form, "reuse system" means a network of pipes, pumping facilities, storage facilities, and appurtenances designed to convey and distribute reclaimed water from one or more domestic wastewater treatment facilities to one or more users of reclaimed water.

5. Use the units specified in the form. For flows, show annual average flows (in mgd). This can be obtained by averaging daily flows over a 365-day period, dividing the total annual volume by 365, or by averaging the 12 monthly average flow values.

6. Be sure to submit the required attachments (see Part X on pages 8 and 9 of this form).

7. The cover sheet of your permit will identify portions of your project classified as "reuse" and portions classified as "effluent disposal." Rule 62-610.810, F.A.C., lists the criteria for classifying projects (or portions of projects) as "reuse" or "effluent disposal."

Part II - General Information

1. Reporting Period: October 1, 2017 through September 30, 2018

2. Date Submitted _____

3. Person Completing This Form

   Name Fred Mehlos

   Title Reuse Coordinator

   Organization Destin Water Users Inc

   Mailing Address P.O. Box 308

   City/State/Zip Code Destin, Florida 32541

   Telephone (850) 837-6146

   E-mail fmehlos@dwuinc.com

4. Reuse System Name Goerge F. French Reclamination Facility

5. Domestic Wastewater Treatment Facilities Providing Reclaimed Water to This Reuse System

   a. Location of Facilities

      City Destin County Okaloosa

DEP District (check one):

- [x] Northwest (Pensacola)
- [ ] Northeast (Jacksonville)
- [ ] Southwest (Tampa)
- [ ] Central (Orlando)
- [ ] Southeast (West Palm Beach)
- [ ] South (Ft. Myers)

Water Management District (check one):

- [x] Northwest Florida (Havana)
- [ ] Suwannee River (Live Oak)
- [ ] Southwest Florida (Brooksville)
- [ ] St. Johns River (Palatka)
- [ ] South Florida (West Palm Beach)

b. Domestic Wastewater Treatment Facility Information

Enter the name of the facility, the DEP identification number, disinfection level,[a] permitted capacity, and annual average flow for each treatment facility providing reclaimed water to this reuse system.

Facility Name	DEP Identification Number	Disinfection Level [a]	Permitted Capacity (mgd)	Average Flow (mgd)
George F. French Rec Fac	FLA010194	Hi	6.0	3.323
Total Treated Wastewater			6	3.323

[a] Enter one of the following codes for disinfection level for each treatment facility:
HI = High-level disinfection, as described in Rule 62-600.440(5), F.A.C.
IM = Intermediate disinfection, as described in Rule 62-600.440(6), F.A.C.
BA = Basic disinfection, as described in Rule 62-600.440(4), F.A.C.
LL = Low-level disinfection, as described in Rule 62-600.440(7), F.A.C.
HB = High-level disinfection & basic disinfection for portions of the treated flow.
FT = Full treatment disinfection, as described in Rule 62-610.563(3)(b), F.A.C.

Part III - Reclaimed Water and/or Effluent Available for Reuse or Disposal

Source of Water	Average Flow (mgd)
Treated Wastewater [Enter the total from bottom of table in Part II]	3.323
Supplemental Water Supplies (Enter the flow for each supplemental water source added by the utility)	
Surface Water	
Stormwater	
Ground Water	.001
Drinking Water	
Demineralization Concentrate (Blended with final reclaimed water only)	
Water Recovered from ASR [b]	.003
Total Water Available for Reuse or Disposal [Should equal the total in Part VI of this form]	3.327

[b] Aquifer Storage and Recovery (ASR) - This activity is described in Rule 62-610.466, F.A.C. If you have an ASR system included in your permit for the reuse system, please make separate entries in both Part III (for the total average flow withdrawn from the ASR well) and in Part VI (for the total average flow injected into the ASR well).

Part IV - Reuse

For each reuse activity, enter the permitted capacity, average flows, and acreage. Do not duplicate any of these entries in Part V of this form. Using available flow records, other available information, and your best judgment, please allocate the average flows for all treatment facilities among the reuse types listed in this part. Make discrete entries (do not show ranges). Show totals at the bottom of the table.

Reuse Type	Reuse Sub-Type	Part	Capacity (mgd)	Flow (mgd)	Area (acres)
Public Access Areas & Landscape Irrigation	Golf Course Irrigation	III	1.2	.316	134.6
	Residential Irrigation	III		1.538	
	Other Public Access Areas	III		.410	
Agricultural Irrigation & Sprayfields	Edible Crops (Be sure to attach the inventory of edible crop irrigation. See Part X of this form.)	III			
	Grass, Pasture, Other Crops	II			
Ground Water Recharge & Indirect Potable Reuse	Rapid Infiltration Basins (Including Some Perc Ponds) [c]	IV	.5	.303	7.16
	Absorption Fields [c]	IV	1.3	.447	15.76
	Surface Water Augmentation (Discharge to Class I Waters)	V			
	Injection to Potable Aquifers	V			
Industrial	At Treatment Plant	VII			
	At Other Facilities	VII			
Toilet Flushing		III			
Fire Protection		III			
Wetlands					
Other (Specify)	WWTP On Plant Reuse		.047	.245	5.78
Total Reuse **[Enter total flow on Line 1 in Part VI of this form.]**			3.047	3.259	163.3

[c] To be considered "reuse," either of the following conditions must exist:

* There are multiple basins or absorption fields that are routinely wetted, dried, and maintained in accord with Part IV of Chapter 62-610, F.A.C., or
* Continuously-loaded ponds must meet the higher treatment/disinfection requirements in Rule 62-610.525, F.A.C.

If neither condition is met, the perc pond or absorption field is "effluent disposal" and should be recorded in Part V in this form (under "Other").

Part V - Effluent Disposal

For each effluent disposal activity, enter the permitted capacity and average flow. Do not duplicate any of these entries in Part IV of this form. Using available flow records, other available information, and your best judgment, please allocate the average flows for all treatment facilities among the effluent disposal types listed in this part. Make discrete entries (do not show ranges) for capacity and flow. Show totals at the bottom of the table.

Disposal Type	Disposal Sub-Type	Permitted Capacity (mgd)	Average Flow (mgd)
Surface Water Discharges	Ocean Outfall		
	To Coastal or Estuarine Waters		
	To Wetlands		
	To Other Surface Waters		
Deep Well Disposal			
Other (specify)	COD Pond		.046
Total Flow Disposed [Enter total flow on Line 2 in Part VI of this form.]		0	0.046

Part VI - Summary of Reuse and Disposal

Reuse or Disposal Activity	Average Flow (mgd)
1. **Reuse** (From bottom of Part IV of this form)	3.259
2. **Effluent Disposal** (From bottom of Part V)	0.046
3. **Flow Stored in ASR** (See note [b] on ASR in Part III.)	.019
Total (Should equal the total in Part III of this form.) [d]	3.324

[d] The totals in Parts III and VI will not be equal if one of the following conditions exists (check as appropriate):

☐ The reuse system includes an ASR system and the amounts injected and withdrawn during the year differ.

☐ The reuse system includes one or more reuse activities in which reclaimed water is returned to the treatment facility after its use, where it is then available for reuse or disposal.

Part VII – Reuse Activities, Numbers of Customers, and Backup Discharges

1. How many single-family residences have reclaimed water service? 602

2. How many golf courses are irrigated using reclaimed water? 2

3. How many parks or playgrounds are irrigated using reclaimed water? 0

4. How many schools are irrigated using reclaimed water? 0

5. Is reclaimed water used to flush toilets? ☐ Yes ☑ No If yes, list locations where reclaimed water is used for toilet flushing. _____

6. Is reclaimed water used for fire protection? ☐ No ☐ Yes, in sprinkler systems

   ☑ Yes, in fire hydrants ☐ Yes, other (please describe) _____

7. How many cooling towers use reclaimed water from this reuse system? 0

8. List or describe any unique or unusual uses of reclaimed water. The Morgan Sports Center has both an above ground irrigation and a sub surface disposal system.

9. Is there a surface water discharge that serves as a backup discharge for the reuse system?

   ☑ No

   ☐ Yes, a Limited Wet Weather Discharge permitted under Rule 62-610.860, F.A.C.

   ☐ Yes, permitted under the APRICOT Act [Section 403.086(7), F.S.]

   ☐ Yes, permitted under other rules governing surface water discharges

10. Do you require construction of reclaimed water piping in new residential or other developments?

    ☐ Yes ☑ No

11. Do you require connection to the reclaimed water system when reclaimed water service becomes available?

    ☐ Yes ☑ No

Part VIII – Cross-Connection Control Activities

Rule 62-610.469, F.A.C., imposes cross-connection control requirements on reuse systems permitted under Part III of Chapter 62-610, F.A.C. This includes requirements for the implementation of cross-connection control programs by all public water supply systems serving areas that are within the general reclaimed water service area. Color-coding, labeling, and separation distance requirements are included. In addition, inspections within the reclaimed water service area are required. For purposes of this form, "cross-connection" means a pipe-to-pipe connection between drinking water pipes and reclaimed water pipes.

1. Are all public water supply systems serving areas that are within the general reuse service area actively implementing and enforcing their cross-connection control programs? ☑ Yes ☐ No

   Have all of these cross-connection control programs been accepted by the DEP or the approved county health department? ☑ Yes ☐ No

2. How many illegal cross-connections have been identified during the reporting period? 1

   How many of these cross-connections have been eliminated? 1

   Please, attach a description of identified cross-connections and efforts taken to eliminate them.

3. How many new connections were made to the reclaimed water system during the reporting period? 4

   How many of the new reclaimed water connections were inspected at the time of initial connection? 4

4. How often are the reclaimed water connections of existing residential reclaimed water customers inspected (i.e., daily, weekly, monthly, annually)? Annually depending on workload

   How often are the reclaimed water connections of existing non-residential reclaimed water customers inspected (i.e., daily, weekly, monthly, annually)? Annually depending on workload

5. In addition to the number of new connections inspected in Item 3 above, how many existing connections were inspected during the reporting period? 17

Part IX - Rates Charged for the Use of Reclaimed Water

Please, list the fees charged for the use of reclaimed water. Please do not enter wastewater or sewer charges. If reclaimed water is provided at no cost, enter zeroes in both blanks. If the fee structure includes both flat rate and gallonage charge components, make a positive entry in both spaces. Make all entries in the units shown.

1. How much do you charge a single-family residential customer (assume a 0.2-acre lot) for the use of reclaimed water?

   Flat rate ($/month/connection) _____

   Gallonage charge (cents/1000 gal.) $.33

2. How much do you charge non-residential customers, such as golf courses, (assume 0.1 mgd on a 50-acre site) for the use of reclaimed water?

Flat rate ($/month/connection) _____

Gallonage charge (cents/1000 gal.) $.33

Part X - Required Attachments

Check, as appropriate, and attach the required documentation.

☐ **Inventory of Edible Crop Irrigation** - If reclaimed water is used to irrigate edible crops at commercial agricultural sites, attach a copy of the current edible crop irrigation inventory as required by Rules 62-610.475 and 62-610.870, F.A.C. The inventory shall include the following information:

a. Name of the agricultural operation.
b. Name and telephone number of the owner or operator of the agricultural operation.
c. Address of the agricultural operation.
d. Edible crops irrigated using reclaimed water.
e. Type of application (irrigation) method used.
f. Approximate area (acres) under irrigation using reclaimed water on which edible crops are grown.

☑ **Inventory of Storage Facilities** - If this reuse system was permitted under Part III of Chapter 62-610, F.A.C., attach a copy of the current inventory of storage facilities, as required by Rules 62-610.464, 62-610.830, and 62-610.870, F.A.C. The inventory shall include the following information:

a. Name or identifier for the storage system.
b. Location.
c. Function of the storage system (system storage or reject storage).
d. Type of facility (covered tank, uncovered tank, lined pond, unlined pond).
e. Indication of whether or not the storage facility is a water of the state or discharges to a water of the state.
f. Distance to the nearest public water supply well.
g. Distance to the nearest potable water supply well, which is not a public water supply well.
h. Volume of each storage tank/pond and the total storage volume of all storage tanks and ponds (in units of million gallons).

☑ **Summary of Public Notification Program** - If this reuse system was permitted under Part III of Chapter 62-610, F.A.C., attach a summary of the public notification program activities during the reporting period, as required by Rule 62-610.468(6), F.A.C. The summary shall include the following:

a. Details of written public notification activities (include copies of written notices).
b. Summary of activities involving the news media.
c. Use of advisory signs.
d. Other public notification activities.

☑ **Summary of Metering and Rate Structure** – As noted in 403.064(16), Florida Statutes, utilities implementing reuse projects are encouraged to meter use of reclaimed water by all end users and to charge for the use of reclaimed water based on the actual volume used when such metering and charges can be shown to encourage water conservation. Metering and the use of volume-based rates are effective water management tools for the following reuse activities: residential irrigation, agricultural irrigation, industrial uses, landscape irrigation, irrigation of other public access areas, commercial and institutional uses such as toilet flushing, and transfers to other reclaimed water utilities. As required by 403.064(16),

F.S., if this reuse system provides reclaimed water for any of the uses listed above, attach a summary of the utility's metering activities and the rate structure that the utility currently employs or plans to employ. The summary shall include the following:

a. Number of meters employed to monitor volume of reclaimed water used by customers.
b. If information is available, please provide per capita reclaimed water use for areas that meter and for unmetered areas. If available, please provide historical per capita usage data for before and after the utility began metering reclaimed water.
c. Provide information on the type of rate structure (i.e., inclining or declining block rates) for reclaimed water employed by the utility.
d. Provide a description of the utility's use of master meters (i.e., for a subdivision) or the use of individual meters (i.e., for single-family residential customers).
e. Provide a summary of the utility's plans for metering reclaimed water customers.

☐ **None of these items are required for this reuse system.**

Part XI - Permittee's Certification

I certify that the statements made in this report of reclaimed water utilization are true, correct, and complete to the best of my knowledge and belief.

Date: _____ _____
Signature

Phone: (850) 337-3911 Fred Mehlos
Name and Title (please print/type)

Company Name: Destin Water Users Inc.

Address: P.O. Box 308

City/State/Zip Code: Destin, Florida 32541

E-Mail: fmehlos@dwuinc.com

Destin Water Users Inc.
Reuse Report
2018

Packet “A”
Reuse Storage Facilities

Name & Identifier of Reuse Facilities

Pictured below are all three storage tanks that are owned and operated by DWU. They are numbered one thru three with number one being the closest. These tanks are located on our facility at 14 Industrial Park Lane in Destin, Florida. All three tanks are covered.

Type of Facility

DWU operates one offsite disposal pond. The pond is near the main offices of the City of Destin located at the southwest corner of the intersection of Indian Bayou Trail and Commons Dr. The pond is unlined and percolates into the sand and gravel aquifer and is not a water of the state. This water is not retrievable.

Function of Storage Facility

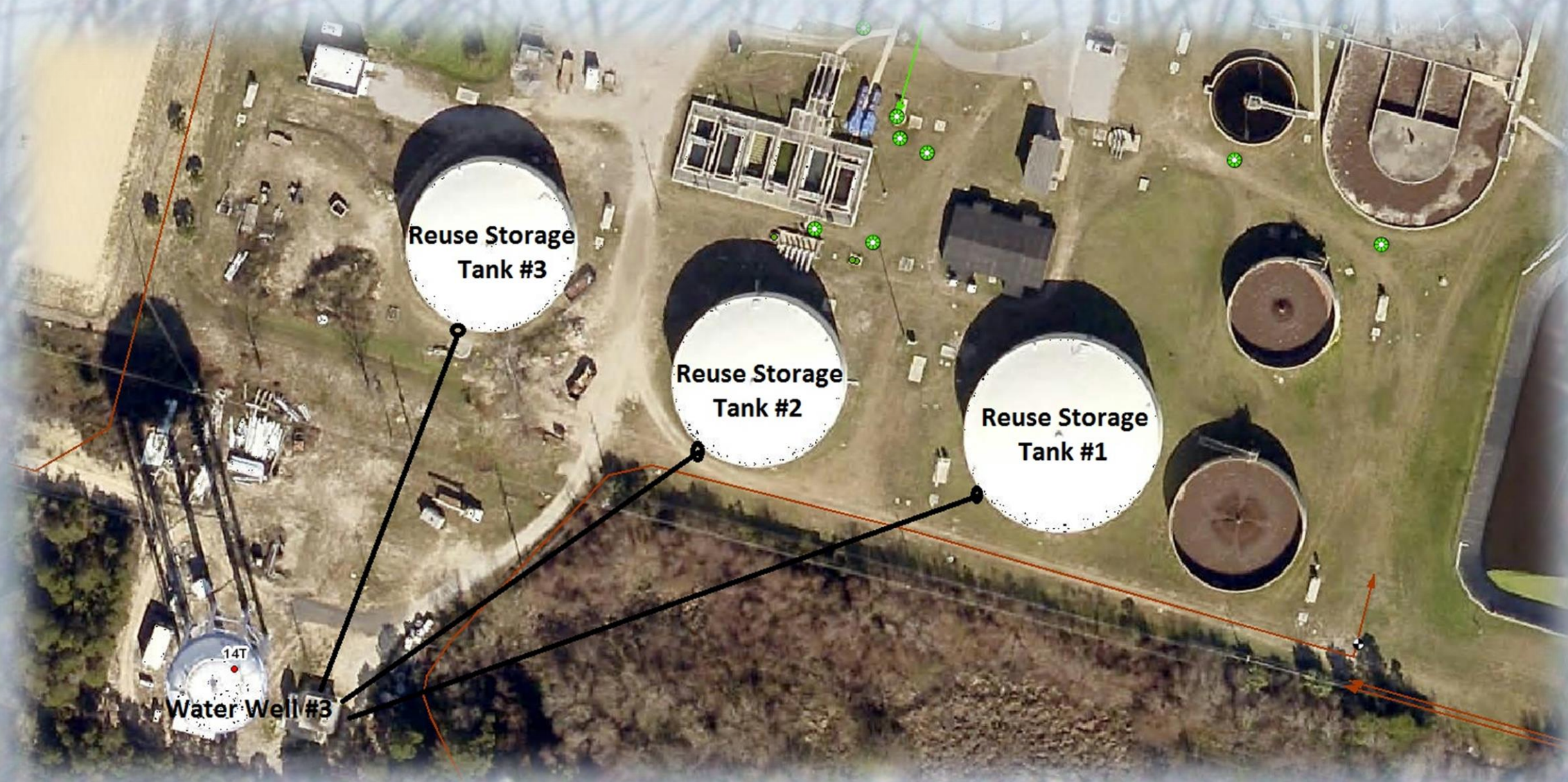
The facility has seven operating ASR wells onsite. These wells are used for both injection and recovery of reclaimed water. Pumped water from the wells is treated and can go directly to customers or supplement the existing storage tanks during high reuse demand.

The added volume pumped from the wells assists when demand outpaces supply especially in the Spring and Fall seasons.

Distance to Nearest Public Water Well

The storage tanks are numbered as shown in the picture. The distances from each tank to the nearest potable water well DWU #3, are as follows:

Tank #1 = 482 Feet
Tank #2 = 308 Feet
Tank #3 = 281 Feet



Distance to Public Water Wells cont.

The DWU ASR system is permitted under the FDEP UIC program. All seven wells are located on the Wastewater treatment plant property and are numbered based on the order they were drilled. The data below gives the distance between each well and DWU Drinking Water Well #3:

ASR #1 = 458 Feet
ASR #2 = 706 Feet
ASR #3 = 815 Feet
ASR #4 = 721 Feet
ASR #5 = 375 feet
ASR #6 = 406 Feet
ASR #7 = 495 Feet

The City of Destin Pond is 2,088 feet from DWU Well #2

There are no potable water wells within the storage facility that are used for non-public purposes.

Storage Capacities

The storage capacities for the three tanks, the city of Destin Pond and the ASR Wells are as follows:

Storage tank #1 = 2.1 MG
Storage Tank #2 = 2.1 MG
Storage Tank #3 = 2.3 MG
City of Destin Pond = 0.92 MG
ASR wells 1 thru 7 = 2.125 MGD

Total three day wet weather storage 13.78 MG. *

* The COD pond water is not retrievable.

Packet “B”
Public Notifications and Advisory Signs

Public notification for reuse is under 62.610-468. This packet will address that requirement.

Above is a typical reuse sign used by DWU in many locations within our service area.

With regards to the public notification portion on this rule the next five pages are from the “Reuse Information” section of the companies website. In the interest of space the pictures have been removed and the text slightly altered however, the web site copy will be full color and updated yearly.

Cross Connections

There was 1 cross connection between the potable and reclaimed water systems found during the 2017-2018 Reuse year. Below is a synopsis of the situation and it removal.

Tuesday, July 24, 2018

On June 6th of 2018 a cross connection was found at a residence within our service area. Co workers had found a BFP in the yard during a leak check and after some investigation a cross connection was found. At this time the reuse tap was closed and locked and the owner alerted of the situation. Having just purchased the property they were grateful especially after I explained what could happen with such an arrangement.

On June 11th I was contacted by an irrigation contractor to inspect the dis-connection from the potable water source and approve it before he buried it. All was done correctly, and the reuse tap was unlocked, and service restored.

Destin Water Users Reclaimed Water Customer Annual Report 2018

Per F.D.E.P. rule 62-610.468, we present the annual report.

Origins of Reclaimed Water

Time to clear up the mystery. What is Reclaimed water? It is not well water, ground water, storm water or water that comes out of a big hole in the ground that never runs dry. Reclaimed water is treated wastewater. So how do we do it? Let's find out. Reclaimed water starts as wastewater. It comes to the treatment plant located at 14 Industrial Park Lane through pipes that lead to our Pretreatment center to remove grit and trash before heading to our Equalization Basin.

Next phase is the actual treatment of the water via a biological system. The waste goes to a large aerated tank where bacteria break down the waste to simpler, more stable compounds.

Then off to clarification where the solid portion of the now stabilized wastes are allowed to settle on the bottom and the clear water flows over weirs around the top of the structure called a clarifier.

After clarification the water travels to a Contact Chamber where we add chlorine to disinfect the water before it moves on.

Our disk filters have a cloth material which separates particulates from the water.

After filtration, the water moves to a second contact chamber where it is chlorinated once more for a final disinfection.

Finally, after the trip through the contact chamber, the now finished reuse water spills out to a channel where sampling occurs prior to the water flowing to our pumping system and out to our reuse customers or to storage.

Nature and Characteristics of Reclaimed Water

Reclaimed water does have some nutrients in it but not much. Our latest testing has shown the following numbers for our reclaimed water:

Nitrate = 5.0 mg/L
Phosphorus = 2.2 mg/L
Potassium = 12.9 mg/L

So if you saw our water on the shelf as fertilizer the numbers would read: 5.0-2.2-12.9
Low grade fertilizer? Maybe, the trouble is that these numbers will move around almost daily so reclaimed water is basically that, water. Continue fertilizing and if you're not sure check out your friendly garden center for advice.

Uses and Non-Uses of Reclaimed Water

Reclaimed water has additional uses depending on their application. Industrial and commercial uses include fire suppression while construction sites can use it for soil compaction and dust control. Concrete mixing, car washing and certain decorative features are also possible uses.

Each use has to be done in accordance with DEP rules and will be evaluated on a case by case basis.

Other Considerations

Over watering is our biggest issue. Once grasses are established they need only about 2 inches per week to stay healthy. Instead of just adding more water in hopes of a solution, check to see if the individual blades are folded onto themselves. Walk across your lawn and observe your footprints. Did they stay visible for a length of time? Both these observations indicate watering is needed.

Over-watering however, is a bit different. It can cause root rot and fungus that require additional work and possibly a fungicide treatment. So keep an eye on your lawn and remember more isn't always better when it comes to irrigating. Again, your friendly garden center will be your best friend should problems arise. Snap a picture and take it in.

Points of Interest

DWU continues to refine the operation of our ASR system (Aquifer Storage and Recovery). This system allows for additional storage of reclaimed water to help us maintain supplies during drier times of the year such as during the spring and fall.

If you have questions or comments please feel free to contact the reuse coordinator:

Fred Mehlos
850-337-3911
fmehlos@dwuinc.com

Advisory Signs

DWU is using three types of notification signs. They all meet DEP requirements for content, color and message in both English and Spanish. Below is the most common Reuse Sign. It can be found in many places throughout or service area, as seen in some of the pictures below.

Here is the “Effluent Sign”. This is found on the perimeter fence surrounding the treatment facility and advises of the presence of secondary effluents. The bottom picture is of the two signs on the entry gate to the wastewater treatment facility.

Lastly is the lake sign. This is found only on the perimeter fence surrounding the City of Destin pond. They are spaced roughly on each compass point. The bottom picture is on the north point on the city's fence.

Advisory Sign Placement

Sign placement has slowed down substantially over the years and has become more of a maintenance issue than that of additions. There are times when existing signs have to be moved due to everything from plant and tree growth to new ownership of a business.

As always the “Obvious but not Obnoxious” policy prevails. Business needs and City ordinances can be tricky but overall sign placement has been easy and remains so today.

DWU offers a standard sign package. It consists of the appropriate sign for the setting and a four foot green steel post for mounting. DWU offers these signs at no cost to the customer and maintains them as well. Customers and businesses can alter the sign to their tastes, and their cost, as long as the content remains. To date very few have asked for this option but two examples are below.

The sign on the left used a green text on white background. It was at the entrance to a gated community within our service area. Recently after some renovations they decided our purple text on white background would suffice. The right is for a new townhouse complex and it slightly hidden behind landscaping so not to detract form the curb appeal.

Packet “C”
Metering & Rate Structure

Reuse water has always been metered in some way. When the system was first set up, older meter designs were and still are used, but newer meters are being added yearly. Most customers have individual meters located near the property line at their respective taps. Others, gated communities, have a master meter. Total reuse meter count is about 406 at this time.

Kelly Plantation is a gated community in our service area with mostly single family homes and some townhouses. The reuse system was installed from the onset when the community was constructed so every lot has a reuse tap and members are required to connect to the reuse system. Individual wells are discouraged so very few exist.

Each owner has a single, unmetered tap from ¾ to 1 inch for delivery of the reclaimed water for use as irrigation only. This system is metered thru any one of or a combination of three “Mag” style meters. The picture below is on one of those meters. There has been talk of changing to another type of meter here due to some re-occurring problems but time will tell.

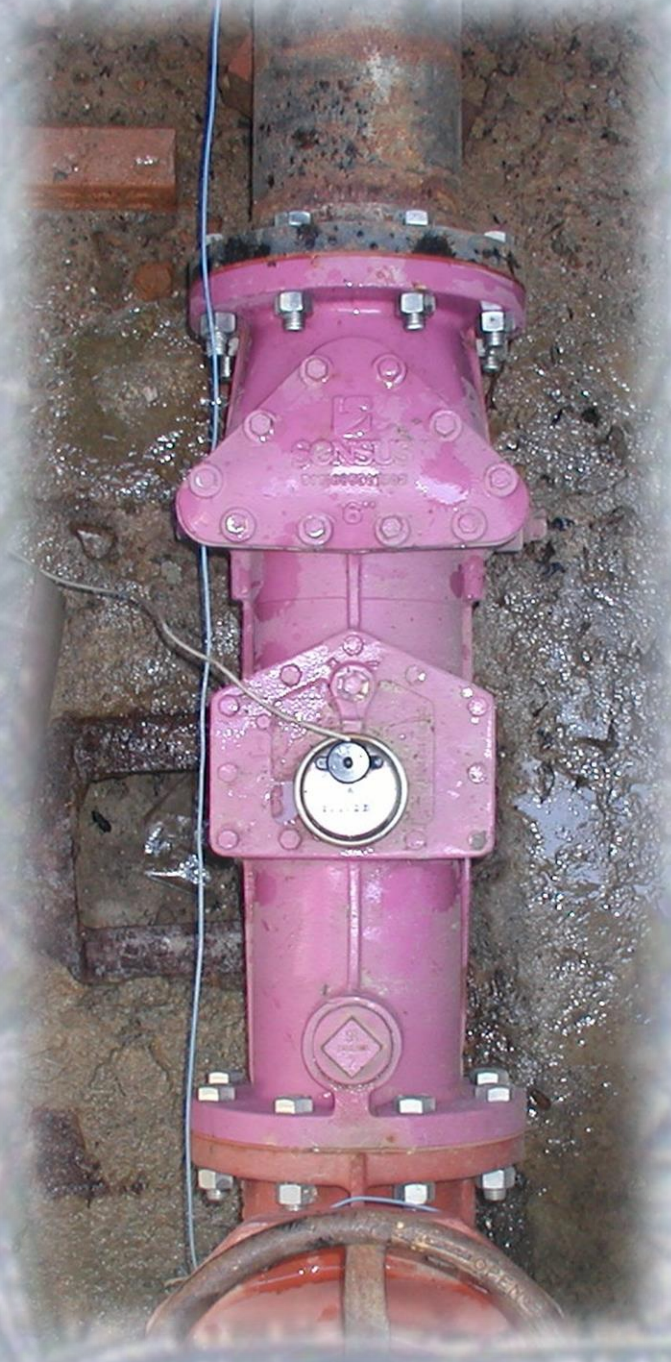
One change this year over past years is the agreement with the HOA to go from a per thousand gallon charge to an annualized rate.

Commons Drive East and West

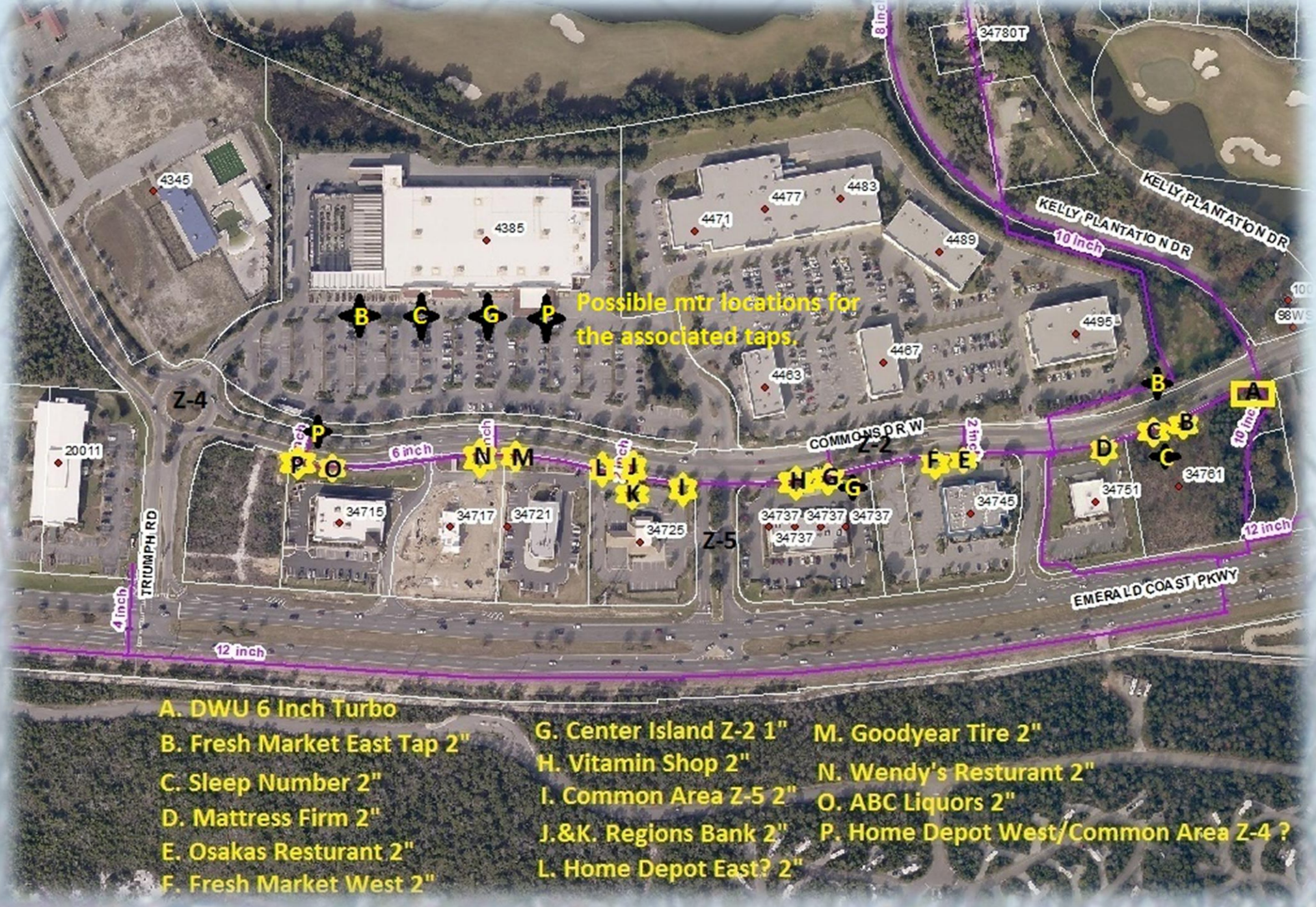
Commons Drive runs parallel to the North of U.S. Hwy 98 here in Destin. Although there are other parts of Commons Drive with reclaimed water the main entrance to Kelly Plantation is often used as a midpoint for the East-West consideration. The reuse line feeding each leg of the Kelly Plantation Commercial comes from one of two taps close to the main gate. Commons West starts at the main entrance and runs West for about a mile. Commons East runs East from the main entrance to where it dead ends at SR 293, most of which is also irrigated with reclaimed water.

Commons Dr. West

Commons Dr. West runs from the Kelly Plantation main entrance west to Triumph Drive and all customers are commercial businesses. This section of the reuse system is master metered by a single six inch "Turbo" type meter located in a vault just east of the ten inch reuse line that feeds Kelly Plantation from the south. Last summer the association asked for estimates to individually meter this area. In June of this year they accepted the Destin Water Users bid and new Sensus Omni style meters were purchased to be installed on each individual business. The last meter was set about the end of July and all are now in service. The master meter below is still in place and will probably stay until all monthly flow data comes close enough to allow its removal from the system.



The top picture is as of Commons Dr West and where the new meters were placed as of July 2018. At present, most businesses have accounts set up with DWU but the Kelly Plantation Commercial Association still represents these businesses. As soon as the association clears itself of this area, DWU will take over all billing and the association will step back permanently.



Like many other places within the service area we used the two inch Sensus Omni meter for this project.

Commons Dr. East

Commons East is also all commercial but its customers all have individual meters. They are older SR and Turbo type meters from five eights to two inch's. Although the meters are aging, they continue to work and provide the utility with a higher degree of measurement over master metering or no meter at all. There are plans to retrofit these with the newer “Omni” meters over time so to increase accuracy. Below are some images of meters still used on this part of the system.

Gulfshore Dr. & Holiday Isle

Holiday Isle is a peninsula that turns south off of U.S. Hwy 98 in Destin, and then runs west for the rest of its length. The reuse taps serve a mix of condos, beach resorts, townhouses and single family homes. While the first section is mostly condos the Holiday Isle Improvement Association, which takes up about 60% of the western part of the peninsula, it consists of condos and single family dwellings. Also included are substantial common areas along both sides of Gulf Shore Dr.

Gulfshore Dr. and Holiday Isle cont.

Holiday Isle has three meter types covering its reuse taps. Top right here is the most numerous and is a Sensus SR2. This meter is 5/8” and serves virtually all our single family dwellings.

The middle picture is of the Sensus Omni meter. It is a 2-inch meter and is found on virtually all the condos and common areas throughout Holiday Isle.

Last at the bottom right is the older Sensus SR type meter. There are not many left, but a few are taking care of some of the smaller common areas.