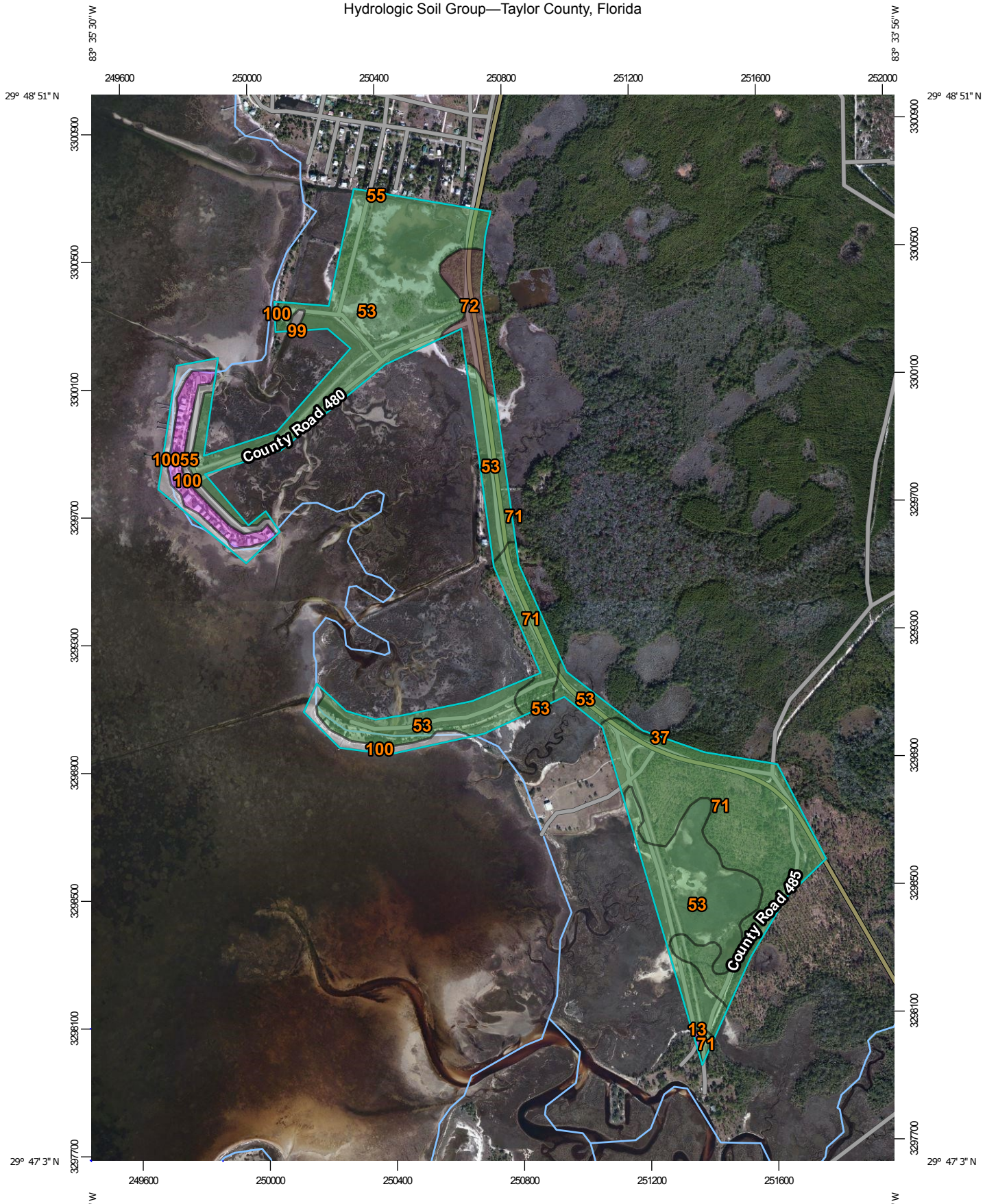


Map Scale: 1:16,300 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 200 400 800 1200

Feet: 0 500 1000 2000 3000

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

A

A/D

B

B/D

C

C/D

D

Not rated or not available

Soil Rating Lines

A

A/D

B

B/D

C

C/D

D

Not rated or not available

Soil Rating Points

A

A/D

B

B/D

C

C/D

D

Not rated or not available

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Taylor County, Florida
Survey Area Data: Version 16, Sep 19, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 9, 2010—Jan 22, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
13	Hurricane fine sand, 0 to 3 percent slopes	A	0.3	0.1%
37	Tooles and Meadowbrook soils, depressional	A/D	0.1	0.0%
53	Bayvi muck, 0 to 1 percent slopes, frequently flooded	A/D	126.6	56.1%
55	Arents, moderately wet, rarely flooded	A	8.9	3.9%
71	Leon fine sand, rarely flooded	A/D	66.7	29.6%
72	Chaires fine sand, rarely flooded	B/D	9.1	4.0%
99	Water		0.5	0.2%
100	Waters of the Gulf of Mexico		13.7	6.1%
Totals for Area of Interest			**225.8**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

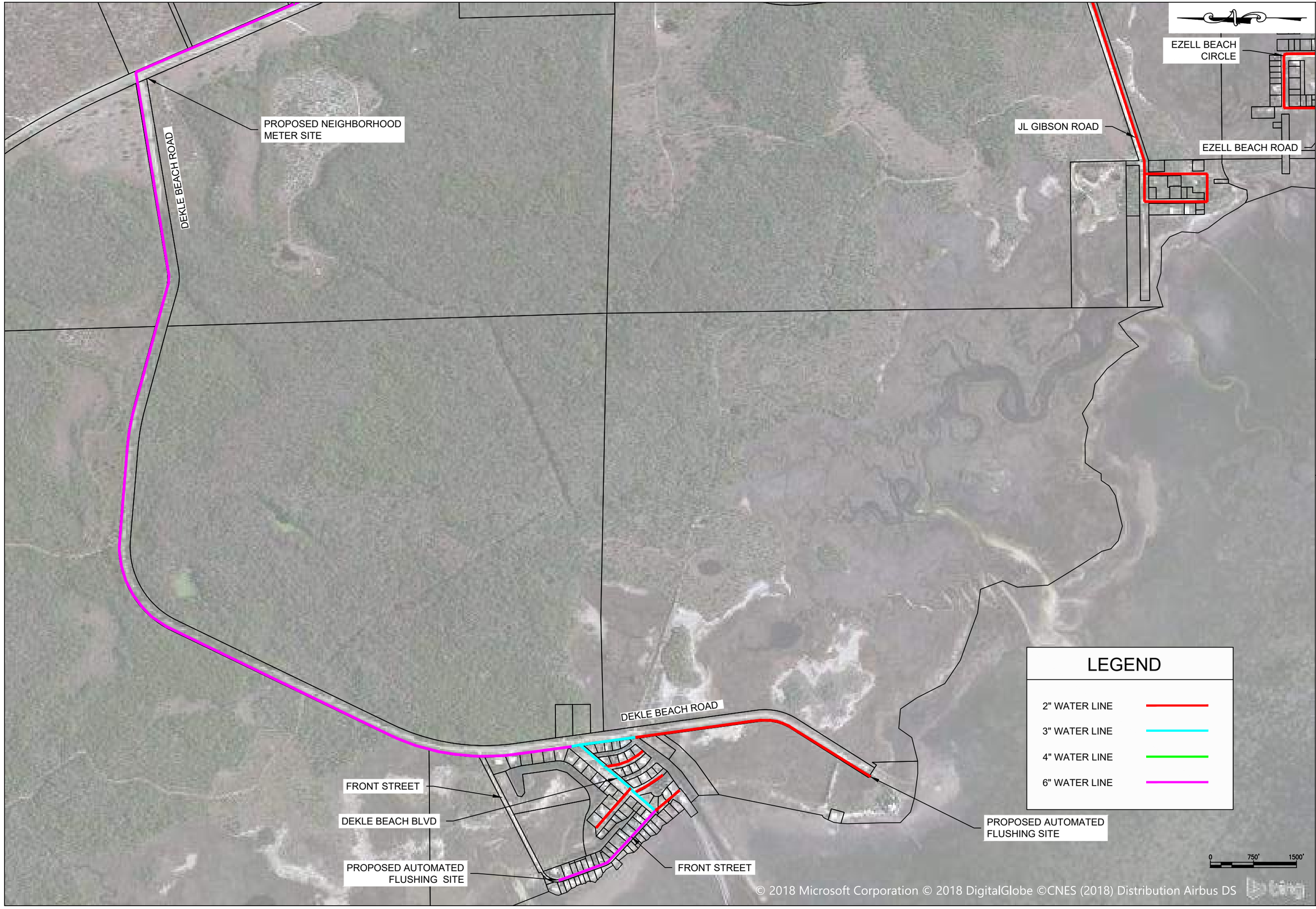
Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Figure 7

Existing Pipe Network and Improvements



Dewberry

20684 Central Ave. East,
Blountstown, FL 32424
850.674.3300

Project No.: 50083282
Sheet No.: FIGURE 7

Date: 09/2019
Designed: T. BURCH
Drawn: B. BEAUDETTE
Checked: J. BAXLEY

Seal:

COA# 8794

FIGURE 7 - EXISTING PIPE NETWORK AND IMPROVEMENTS

WATER SYSTEM IMPROVEMENT PROJECT
TAYLOR COASTAL WATER AND SEWER

TAYLOR COUNTY, FLORIDA

PROPOSED AUTOMATED FLUSHING SITE

GULF HAVEN DRIVE

JODY MORGAN ROAD

BEACH ROAD

PROPOSED NEIGHBORHOOD METER SITE

KEATON BEACH BOAT RAMP

PROPOSED WELL SITE

PROPOSED WATER TREATMENT AND STORAGE SITE

EXISTING WATER TREATMENT, STORAGE, AND WELL SITE

PROPOSED NEIGHBORHOOD METER SITE

PROPOSED NEIGHBORHOOD METER SITE

KEATON BEACH RV CAMPGROUND

PROPOSED NEIGHBORHOOD METER SITE

BEACH ROAD

EZELL BEACH CIRCLE

PROPOSED NEIGHBORHOOD METER SITE

DEKLE BEACH ROAD

JL GIBSON ROAD

EZELL BEACH ROAD

PROPOSED AUTOMATED FLUSHING SITE

LEGEND

- 2" WATER LINE
- 3" WATER LINE
- 4" WATER LINE
- 6" WATER LINE

0 750' 1500'

Dewberry

20684 Central Ave. East,
Blountstown, FL 32424
850.674.3300

Date: 09/2019
Designed: T. BURCH
Drawn: B. BEAUDETTE
Checked: J. BAXLEY

Project No.: 50083282
Sheet No.: FIGURE 7

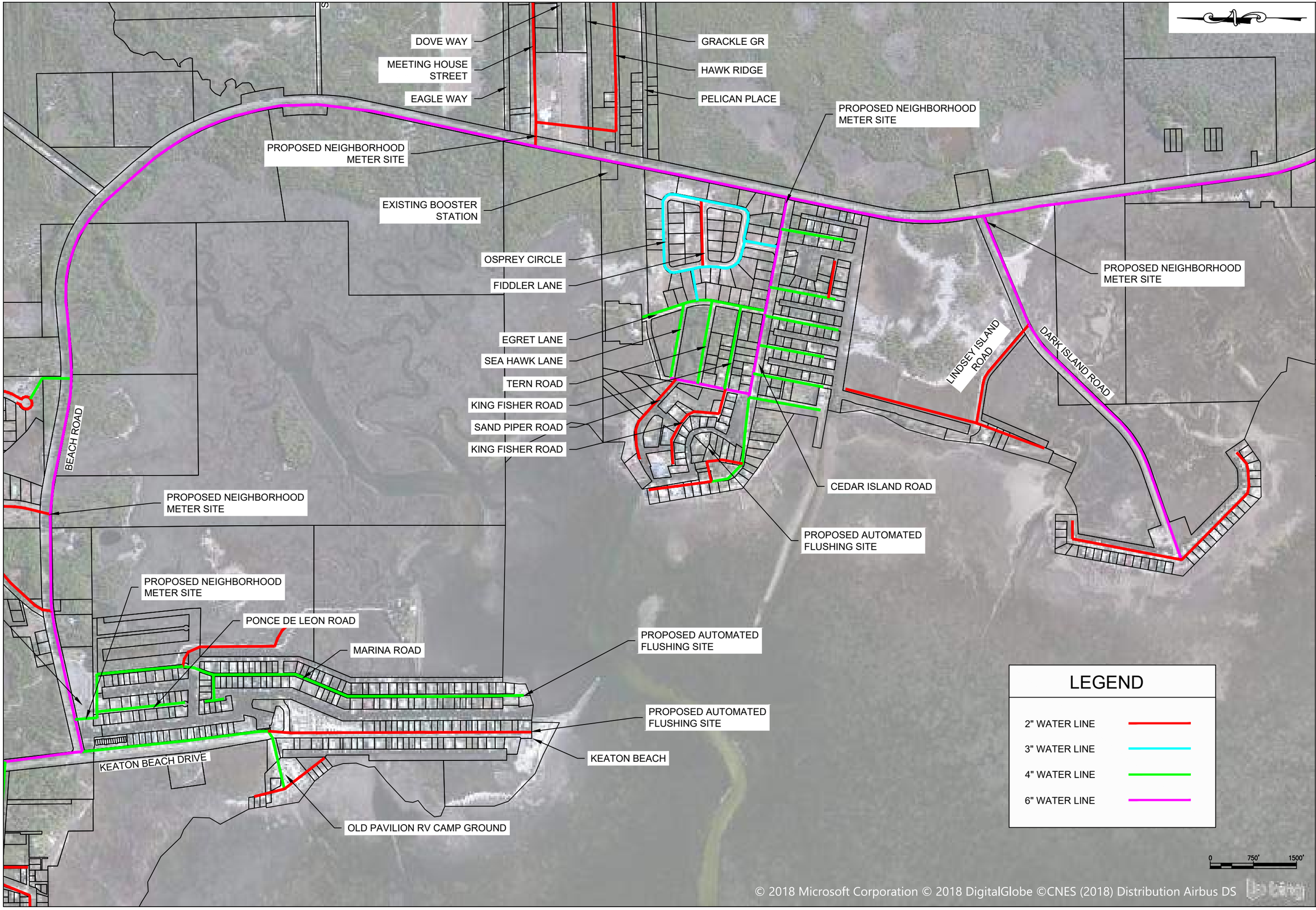
Seal:

COA# 8794

FIGURE 7 - EXISTING PIPE NETWORK AND IMPROVEMENTS

WATER SYSTEM IMPROVEMENT PROJECT
TAYLOR COASTAL WATER AND SEWER

TAYLOR COUNTY, FLORIDA



Dewberry

20684 Central Ave. East,
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COA# 8794

FIGURE 7 - EXISTING PIPE NETWORK AND IMPROVEMENTS

WATER SYSTEM IMPROVEMENT PROJECT
TAYLOR COASTAL WATER AND SEWER

TAYLOR COUNTY, FLORIDA

Appendix A

Florida Natural Area Inventory (FNAI)

1018 Thomasville Road
Suite 200-C
Tallahassee, FL 32303
850-224-8207
850-681-9364 fax
www.fnai.org

Florida Natural Areas Inventory

Biodiversity Matrix Query Results

UNOFFICIAL REPORT

Created 3/9/2018

(Contact the FNAI Data Services Coordinator at 850.224.8207 or kbrinegar@fnai.fsu.edu for information on an official Standard Data Report)

NOTE: The Biodiversity Matrix includes only rare species and natural communities tracked by FNAI.

Report for 1 Matrix Unit: 15146

Descriptions

DOCUMENTED - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit.

DOCUMENTED-HISTORIC - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit; however the occurrence has not been observed/reported within the last twenty years.

LIKELY - The species or community is *known* to occur in this vicinity, and is considered likely within this Matrix Unit because:

1. documented occurrence overlaps this and adjacent Matrix Units, but the documentation isn't precise enough to indicate which of those Units the species or community is actually located in; *or*
2. there is a documented occurrence in the vicinity and there is suitable habitat for that species or community within this Matrix Unit.

POTENTIAL - This Matrix Unit lies within the known or predicted range of the species or community based on expert knowledge and environmental variables such as climate, soils, topography, and landcover.

Matrix Unit ID: 15146

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

3 **Likely** Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mesic flatwoods	G4	S4	N	N
Sandhill	G3	S2	N	N

Ursus americanus floridanus Florida Black Bear	G5T2	S2	N	N

Matrix Unit ID: 15146

30 **Potential** Elements for Matrix Unit 15146

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Amphiuma pholeter One-toed Amphiuma	G3	S3	N	N
Andropogon arctatus Pine-woods Bluestem	G3	S3	N	T
Calamovilfa curtissii Curtiss' Sandgrass	G3	S3	N	T
Calopogon multiflorus Many-flowered Grass-pink	G2G3	S2S3	N	T
Cistothorus palustris marianae Marian's Marsh Wren	G5T3	S3	N	SSC
Corynorhinus rafinesquii Rafinesque's Big-eared Bat	G3G4	S2	N	N
Drymarchon couperi Eastern Indigo Snake	G3	S3	LT	FT
Forestiera godfreyi Godfrey's Swampprivet	G2	S2	N	E
Gopherus polyphemus Gopher Tortoise	G3	S3	C	ST
Heterodon simus Southern Hognose Snake	G2	S2	N	N
Justicia crassifolia Thick-leaved Water-willow	G3	S3	N	E
Lachnocaulon digynum Bog Button	G3	S3	N	T
Lithobates capito Gopher Frog	G3	S3	N	SSC
Lupinus westianus Gulf Coast Lupine	G3	S3	N	T
Magnolia ashei Ashe's Magnolia	G2	S2	N	E
Neovison vison halilimnetes Gulf Salt Marsh Mink	G5T3	S3	N	N
Notophthalmus perstriatus Striped Newt	G2G3	S2	C	N
Panicum nudicaule Naked-stemmed Panicgrass	G3Q	S3	N	T
Phoebanthus tenuifolius Narrow-leaved Phoebanthus	G3	S3	N	T
Phyllanthus liebmannianus ssp. platylepis Pinewoods Dainties	G4T2	S2	N	E
Picoides borealis Red-cockaded Woodpecker	G3	S2	LE	FE
Platanthera integra Yellow Fringeless Orchid	G3G4	S3	N	E
Podomys floridanus Florida Mouse	G3	S3	N	SSC
Polygonella macrophylla Large-leaved Jointweed	G3	S3	N	T
Rhexia parviflora Small-flowered Meadowbeauty	G2	S2	N	E
Rhexia salicifolia Panhandle Meadowbeauty	G2	S2	N	T

Ruellia noctiflora Nightflowering Wild Petunia	G2	S2	N	E
Sarracenia leucophylla White-top Pitcherplant	G3	S3	N	E
Scutellaria floridana Florida Skullcap	G2	S2	LT	E
Xyris scabrifolia Harper's Yellow-eyed Grass	G3	S3	N	T

1018 Thomasville Road
Suite 200-C
Tallahassee, FL 32303
850-224-8207
850-681-9364 fax
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Florida Natural Areas Inventory

Biodiversity Matrix Query Results

UNOFFICIAL REPORT

Created 3/9/2018

(Contact the FNAI Data Services Coordinator at 850.224.8207 or kbrinegar@fnai.fsu.edu for information on an official Standard Data Report)

NOTE: The Biodiversity Matrix includes only rare species and natural communities tracked by FNAI.

Report for 10 Matrix Units: 15006 , 15007 , 15008 , 15074 , 15075 , 15076 , 15077 , 15143 , 15144 , 15145

Descriptions

DOCUMENTED - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit.

DOCUMENTED-HISTORIC - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit; however the occurrence has not been observed/reported within the last twenty years.

LIKELY - The species or community is *known* to occur in this vicinity, and is considered likely within this Matrix Unit because:

1. documented occurrence overlaps this and adjacent Matrix Units, but the documentation isn't precise enough to indicate which of those Units the species or community is actually located in; *or*
2. there is a documented occurrence in the vicinity and there is suitable habitat for that species or community within this Matrix Unit.

POTENTIAL - This Matrix Unit lies within the known or predicted range of the species or community based on expert knowledge and environmental variables such as climate, soils, topography, and landcover.

Matrix Unit ID: 15006

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

1 **Likely** Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
	G5T2	S2	N	N

Ursus americanus floridanus Florida Black Bear				

Matrix Unit ID: 15007

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

2 **Likely** Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mesic flatwoods	G4	S4	N	N
Ursus americanus floridanus Florida Black Bear	G5T2	S2	N	N

Matrix Unit ID: 15008

1 **Documented** Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Haliaeetus leucocephalus Bald Eagle	G5	S3	N	N

0 **Documented-Historic** Elements Found

2 **Likely** Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mesic flatwoods	G4	S4	N	N
Ursus americanus floridanus Florida Black Bear	G5T2	S2	N	N

Matrix Unit ID: 15074

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

0 **Likely** Elements Found

Matrix Unit ID: 15075

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

2 **Likely** Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mesic flatwoods	G4	S4	N	N
Ursus americanus floridanus Florida Black Bear	G5T2	S2	N	N

Matrix Unit ID: 15076

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

2 **Likely** Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mesic flatwoods	G4	S4	N	N
Ursus americanus floridanus Florida Black Bear	G5T2	S2	N	N

Matrix Unit ID: 15077

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

3 **Likely** Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mesic flatwoods	G4	S4	N	N
Sandhill	G3	S2	N	N
Ursus americanus floridanus Florida Black Bear	G5T2	S2	N	N

Matrix Unit ID: 15143

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

1 **Likely** Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Ursus americanus floridanus Florida Black Bear	G5T2	S2	N	N

Matrix Unit ID: 15144

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

1 **Likely** Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Ursus americanus floridanus Florida Black Bear	G5T2	S2	N	N

Matrix Unit ID: 15145

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

3 **Likely** Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mesic flatwoods	G4	S4	N	N
Sandhill	G3	S2	N	N
Ursus americanus floridanus Florida Black Bear	G5T2	S2	N	N

Matrix Unit IDs: 15006 , 15007 , 15008 , 15074 , 15075 , 15076 , 15077 , 15143 , 15144 , 15145

45 **Potential** Elements Common to Any of the 10 Matrix Units

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Acipenser oxyrinchus desotoi Gulf Sturgeon	G3T2	S2	LT	FT
Ammodramus maritimus peninsulae Scott's Seaside Sparrow	G4T3Q	S3	N	SSC
Amphiuma pholeter One-toed Amphiuma	G3	S3	N	N
Andropogon arctatus Pine-woods Bluestem	G3	S3	N	T
Calamovilfa curtissii Curtiss' Sandgrass	G3	S3	N	T
Calopogon multiflorus Many-flowered Grass-pink	G2G3	S2S3	N	T
Caretta caretta Loggerhead Sea Turtle	G3	S3	T	FT
Charadrius melodus Piping Plover	G3	S2	LT	FT
Chelonia mydas Green Sea Turtle	G3	S2S3	LE	FE
Cistothorus palustris marianae Marian's Marsh Wren	G5T3	S3	N	SSC
Corynorhinus rafinesquii Rafinesque's Big-eared Bat	G3G4	S2	N	N
Drymarchon couperi Eastern Indigo Snake	G3	S3	LT	FT
Forestiera godfreyi Godfrey's Swampprivet	G2	S2	N	E
Gopherus polyphemus Gopher Tortoise	G3	S3	C	ST
Gymnopogon chapmanianus Chapman's Skeletongrass	G3	S3	N	N
Heterodon simus Southern Hognose Snake	G2	S2	N	N
Justicia crassifolia Thick-leaved Water-willow	G3	S3	N	E
Lachnocaulon digynum Bog Button	G3	S3	N	T
Leitneria floridana Corkwood	G3	S3	N	T
Lithobates capito Gopher Frog	G3	S3	N	SSC
Litsea aestivalis Pondspice	G3?	S2	N	E
Lupinus westianus Gulf Coast Lupine	G3	S3	N	T
Magnolia ashei Ashe's Magnolia	G2	S2	N	E
Matelea floridana Florida Spiny-pod	G2	S2	N	E

Neovison vison halilimnetes Gulf Salt Marsh Mink	G5T3	S3	N	N
Nerodia clarkii clarkii Gulf Salt Marsh Snake	G4T3	S2	N	N
Notophthalmus perstriatus Striped Newt	G2G3	S2	C	N
Panicum nudicaule Naked-stemmed Panicgrass	G3Q	S3	N	T
Peucaea aestivalis Bachman's Sparrow	G3	S3	N	N
Phoebanthus tenuifolius Narrow-leaved Phoebanthus	G3	S3	N	T
Phyllanthus liebmannianus ssp. platylepis Pinewoods Dainties	G4T2	S2	N	E
Picoides borealis Red-cockaded Woodpecker	G3	S2	LE	FE
Pinguicula ionantha Godfrey's Butterwort	G2	S2	LT	E
Platanthera integra Yellow Fringeless Orchid	G3G4	S3	N	E
Podomys floridanus Florida Mouse	G3	S3	N	SSC
Polygonella macrophylla Large-leaved Jointweed	G3	S3	N	T
Rallus longirostris scottii Florida Clapper Rail	G5T3?	S3?	N	N
Rhexia parviflora Small-flowered Meadowbeauty	G2	S2	N	E
Rhexia salicifolia Panhandle Meadowbeauty	G2	S2	N	T
Ruellia noctiflora Nightflowering Wild Petunia	G2	S2	N	E
Sarracenia leucophylla White-top Pitcherplant	G3	S3	N	E
Scutellaria floridana Florida Skullcap	G2	S2	LT	E
Trichechus manatus West Indian Manatee	G2	S2	LE	FE
Xyris scabrifolia Harper's Yellow-eyed Grass	G3	S3	N	T
Xyris stricta var. obscura Kral's Yellow-eyed Grass	G3T3	S1	N	N

Appendix B

Fish and Wildlife Service (FWS) Report

United States Department of the Interior

FISH AND WILDLIFE SERVICE
North Florida Ecological Services Field Office
7915 Baymeadows Way, Suite 200
Jacksonville, FL 32256-7517
Phone: (904) 731-3336 Fax: (904) 731-3045

In Reply Refer To:
Consultation Code: 04EF1000-2018-SLI-0390
Event Code: 04EF1000-2018-E-00577
Project Name: TCWSD Water System Improvments

March 09, 2018

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- Migratory Birds

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

North Florida Ecological Services Field Office
7915 Baymeadows Way, Suite 200
Jacksonville, FL 32256-7517
(904) 731-3336

Project Summary

Consultation Code: 04EF1000-2018-SLI-0390

Event Code: 04EF1000-2018-E-00577

Project Name: TCWSD Water System Improvments

Project Type: WATER SUPPLY / DELIVERY

Project Description: Installation of new water lines, well, and water storage tank

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/29.823883917263203N83.57311619361045W

Counties: Taylor, FL

Endangered Species Act Species

There is a total of 8 threatened, endangered, or candidate species on this species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

Mammals

NAME	STATUS
West Indian Manatee *Trichechus manatus* There is **final** critical habitat for this species. Your location is outside the critical habitat. ***This species is also protected by the Marine Mammal Protection Act, and may have additional consultation requirements.*** Species profile: https://ecos.fws.gov/ecp/species/4469	Threatened

Birds

NAME	STATUS
Piping Plover *Charadrius melodus* Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is **final** critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot *Calidris canutus rufa* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Red-cockaded Woodpecker *Picoides borealis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7614	Endangered
Wood Stork *Mycteria americana* Population: AL, FL, GA, MS, NC, SC No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8477	Threatened

Reptiles

NAME	STATUS
Eastern Indigo Snake *Drymarchon corais couperi* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/646	Threatened
Loggerhead Sea Turtle *Caretta caretta* Population: Northwest Atlantic Ocean DPS There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1110	Threatened

Fishes

NAME	STATUS
Atlantic Sturgeon (gulf Subspecies) *Acipenser oxyrinchus (=oxyrhynchus) desotoi* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/651	Threatened

Critical habitats

There is 1 critical habitat wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
Piping Plover *Charadrius melodus* https://ecos.fws.gov/ecp/species/6039#crithab	Final

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

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1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see maps of where birders and the general public have sighted birds in and around your project area, visit E-bird tools such as the E-bird data mapping tool (search for the name of a bird on your list to see specific locations where that bird has been reported to occur within your project area over a certain timeframe) and the E-bird Explore Data Tool (perform a query to see a list of all birds sighted in your county or region and within a certain timeframe). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
American Oystercatcher *Haematopus palliatus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8935	Breeds Apr 15 to Aug 31
Bachman's Sparrow *Aimophila aestivalis* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/6177	Breeds May 1 to Sep 30

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Sep 1 to Jul 31
Black Rail *Laterallus jamaicensis* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/7717	Breeds Mar 1 to Sep 15
Black Skimmer *Rynchops niger* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/5234	Breeds May 20 to Sep 15
Bonaparte's Gull *Chroicocephalus philadelphia* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds elsewhere
Brown Pelican *Pelecanus occidentalis* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Jan 15 to Sep 30
Clapper Rail *Rallus crepitans* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Apr 10 to Oct 31
Common Loon *gavia immer* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/4464	Breeds elsewhere
Common Tern *Sterna hirundo* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/4963	Breeds elsewhere
Double-crested Cormorant *phalacrocorax auritus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/3478	Breeds Apr 20 to Aug 31

NAME	BREEDING SEASON
Eastern Whip-poor-will *Antrostomus vociferus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Aug 20
Gull-billed Tern *Gelochelidon nilotica* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9501	Breeds May 1 to Jul 31
Henslow's Sparrow *Ammodramus henslowii* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3941	Breeds May 1 to Aug 31
Herring Gull *Larus argentatus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Apr 20 to Aug 31
Kentucky Warbler *Oporornis formosus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 20 to Aug 20
King Rail *Rallus elegans* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8936	Breeds May 1 to Sep 5
Least Tern *Sterna antillarum* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Apr 20 to Sep 10
Lesser Yellowlegs *Tringa flavipes* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679	Breeds elsewhere
Magnificent Frigatebird *Fregata magnificens* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Marbled Godwit *Limosa fedoa* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9481	Breeds elsewhere

NAME	BREEDING SEASON
Nelson's Sparrow *Ammodramus nelsoni* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Northern Gannet *Morus bassanus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds elsewhere
Prairie Warbler *Dendroica discolor* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Jul 31
Prothonotary Warbler *Protonotaria citrea* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 1 to Jul 31
Red-breasted Merganser *Mergus serrator* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds elsewhere
Red-headed Woodpecker *Melanerpes erythrocephalus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10
Red-throated Loon *Gavia stellata* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Ring-billed Gull *Larus delawarensis* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds elsewhere
Royal Tern *Thalasseus maximus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Apr 15 to Aug 31
Rusty Blackbird *Euphagus carolinus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Seaside Sparrow *Ammodramus maritimus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 20

NAME	BREEDING SEASON
Semipalmated Sandpiper *Calidris pusilla* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Short-billed Dowitcher *Limnodromus griseus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9480	Breeds elsewhere
Swallow-tailed Kite *Elanoides forficatus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8938	Breeds Mar 10 to Jun 30
Whimbrel *Numenius phaeopus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9483	Breeds elsewhere
Willet *Tringa semipalmata* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 20 to Aug 5
Wilson's Plover *Charadrius wilsonia* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 1 to Aug 20
Wood Thrush *Hylocichla mustelina* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 31

Probability Of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in your project's counties during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

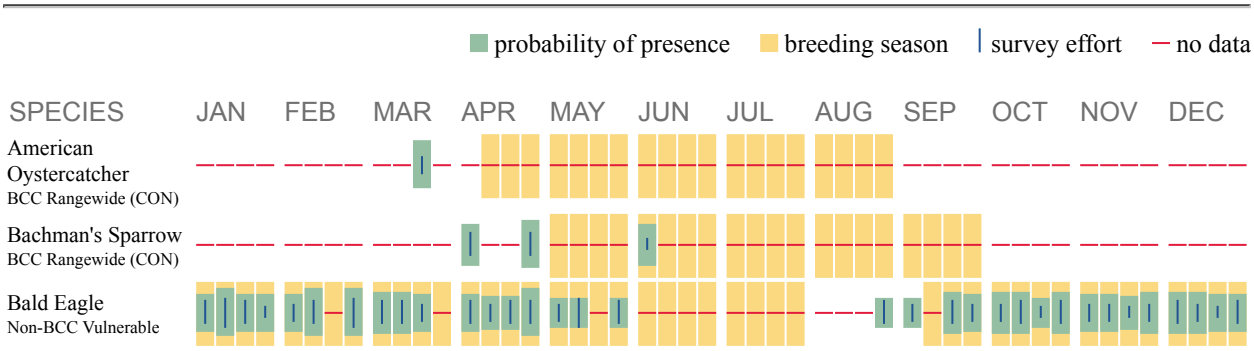
1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

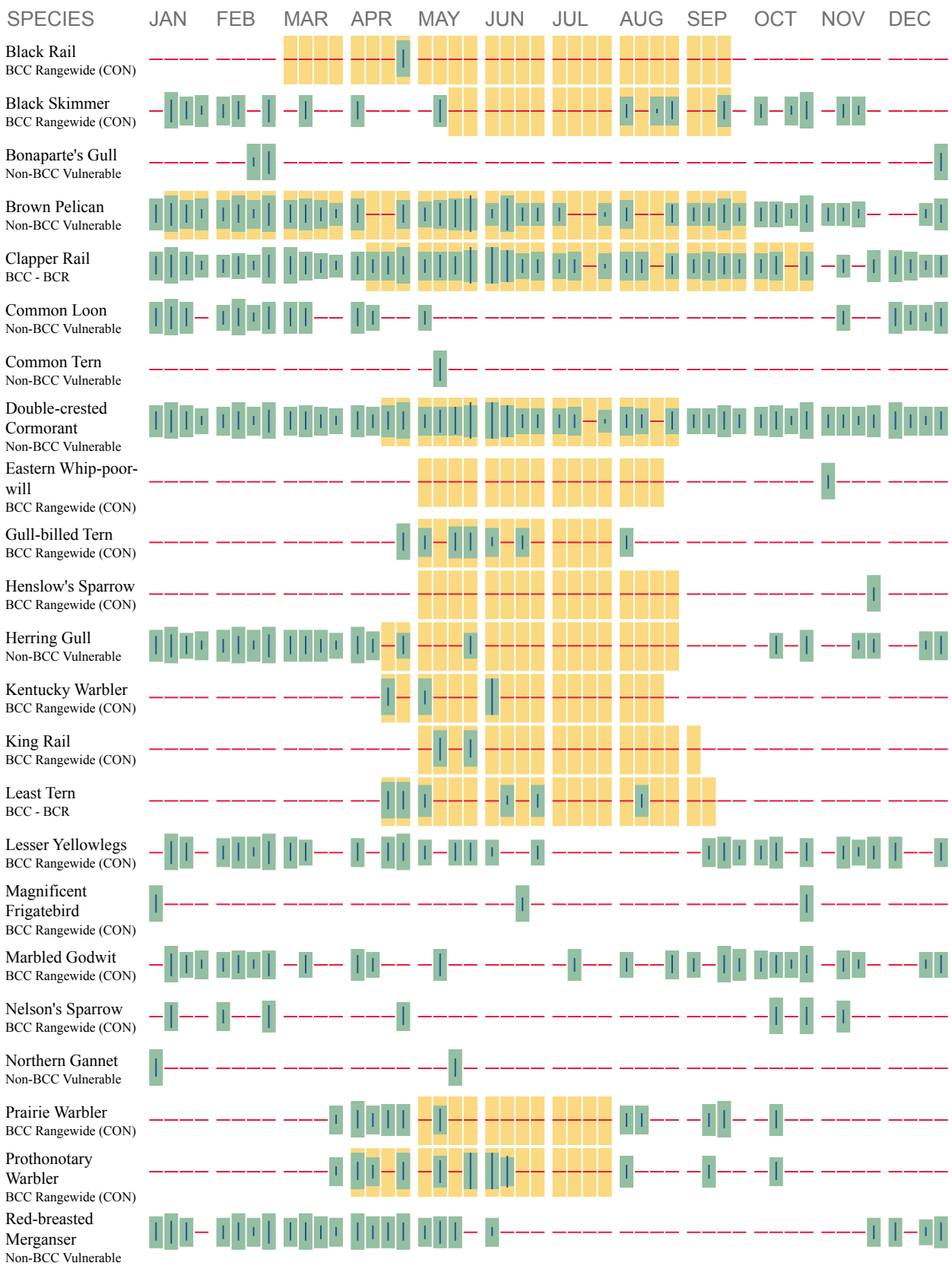
Breeding Season (■)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

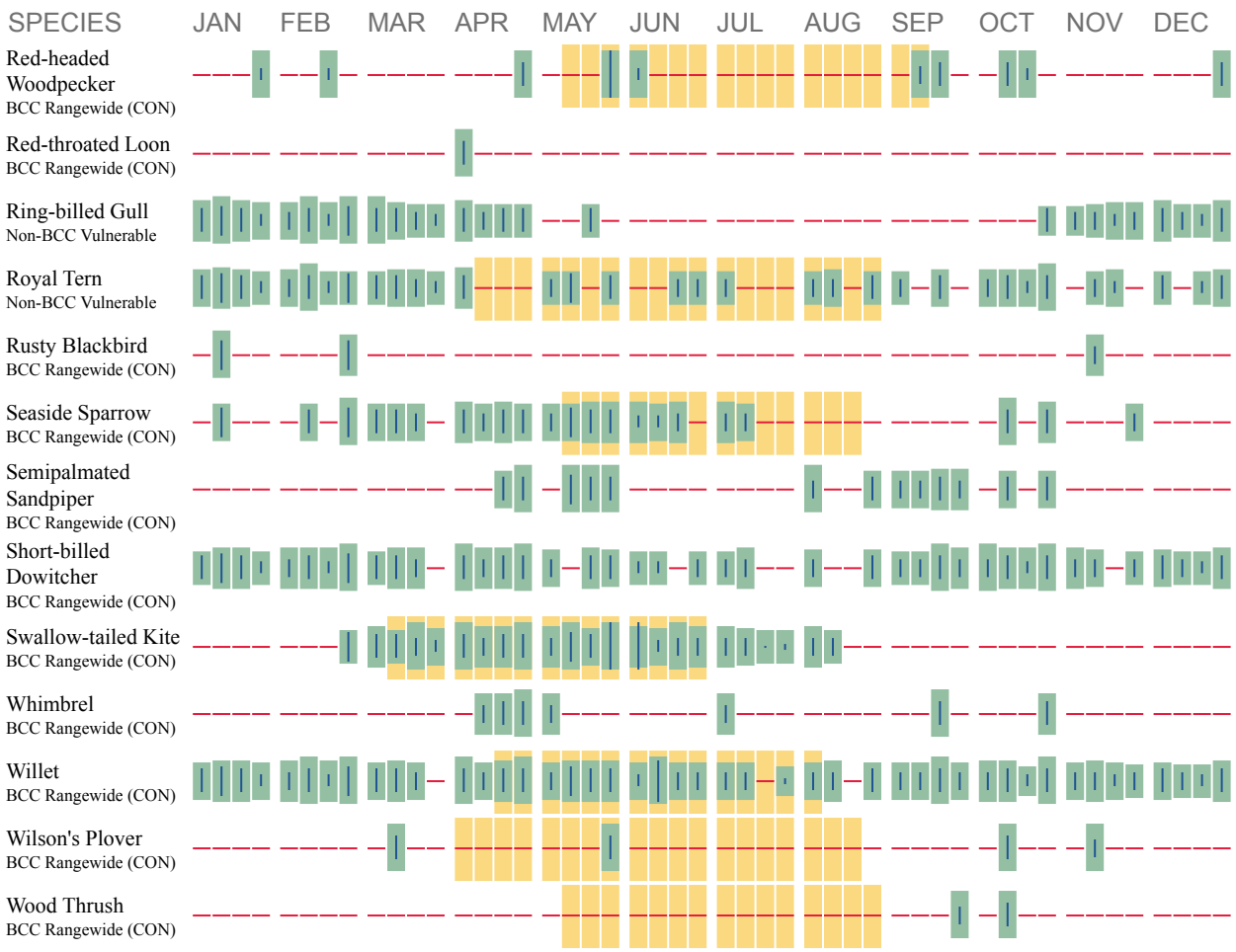
Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the counties of your project area. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information.




SPECIES
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Black Rail
BCC Rangewide (CON)
Black Skimmer
BCC Rangewide (CON)
Bonaparte's Gull
Non-BCC Vulnerable
Brown Pelican
Non-BCC Vulnerable
Clapper Rail
BCC - BCR
Common Loon
Non-BCC Vulnerable
Common Tern
Non-BCC Vulnerable
Double-crested Cormorant
Non-BCC Vulnerable
Eastern Whip-poor-will
BCC Rangewide (CON)
Gull-billed Tern
BCC Rangewide (CON)
Henslow's Sparrow
BCC Rangewide (CON)
Herring Gull
Non-BCC Vulnerable
Kentucky Warbler
BCC Rangewide (CON)
King Rail
BCC Rangewide (CON)
Least Tern
BCC - BCR
Lesser Yellowlegs
BCC Rangewide (CON)
Magnificent Frigatebird
BCC Rangewide (CON)
Marbled Godwit
BCC Rangewide (CON)
Nelson's Sparrow
BCC Rangewide (CON)
Northern Gannet
Non-BCC Vulnerable
Prairie Warbler
BCC Rangewide (CON)
Prothonotary Warbler
BCC Rangewide (CON)
Red-breasted Merganser
Non-BCC Vulnerable



Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

Migratory Birds FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.
Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very

helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures and/or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?
The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the counties which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the E-bird Explore Data Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?
The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?
To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird entry on your migratory bird species list indicates a breeding season, it is probable that the bird breeds in your project's counties at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects
For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?
If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the BGEPA should such impacts occur.

Appendix C

Water Use Data and Bacteriologic Test

TAYLOR COASTAL WATER & SEWER DISTRICT
18820 BEACH ROAD
PERRY, FL 32348
Phone/Fax: (850) 578-3043
www.tcwsd.org **tcwsd@fairpoint.net**

TO: TCWSD
FROM: RON BENNETT
DATE: 8/9/19
RE: SOURCE WATER BACTERIA

Historical Occurrence

From 2010 through 2019 the 6" well tested positive for bacteria 14 times and the 8" well tested positive for bacteria 6 times.

In May 2015, the 8" well was disinfected with chlorine due to bacteria in the system. Flush was conducted during the time to clean.

Because the 6" well is so close, the seepage through the limestone and infiltrates into the 8" well.

The 6" well is run each month onto the ground to keep Iron Bacteria from building up due to not being used as much as the 8" well. Constant attention to this well is needed to stop infiltration into the 8" well.

Samples on both wells are taken each month. Wells are flushed prior to those tests to help eliminate possible positive results. If flushing did not occur, more positive tests will occur.

Ron Bennett,
Water Operator

TAYLOR COASTAL WATER & SEWER DISTRICT
18820 BEACH ROAD
PERRY, FLORIDA 32348
Phone/Fax: (850) 578-3043
www.tcwsd.org tcwsd@fairpoint.net

MEMO

DATE: March 2, 2010

TO: Taylor Coastal Water & Sewer District

FROM: Jim Gooding, Water Operator

RE: Source Water Bacteria

Historical Occurrence

From 2000 through 2003, bacteria were not detected in both wells at the same time. The 8-inch well had nine (9) hits during that period. "Hit" means bacteria present in laboratory tests. The 6-inch well had six (6) hits. It took the 6-inch well one month to clear in July/August 2003. It took six weeks for the 8-inch well to clear in July/August of 2002. All other hits cleared within two weeks without chlorine sanitation.

In 2004, there were three (3) instances when both wells had bacteria in the source water and three (3) other hits with only one well being involved. Of these six hits, all but one was in September. The system had no bacteria hits in 2005. In 2006, both wells had hits in June but the wells cleared within three weeks without treatment.

In 2007, both wells tested positive for bacteria from January until October (10 months). There were no bacteria detected in wells in 2009. Bacteria were again found in both wells starting in February 2010. Occurrence of bacteria was verified by repeat samples.

Current Status:

The 6-inch well has been sanitized and repeat samples sent to the lab. Taylor Coastal Water & Sewer District has been calculating concentration times time (CT) to verify disinfection since January 2007 and will continue to report CT results on monthly reports. Currently, the 8-inch well has cleared based on samples tested 3/1/10. The 6-inch well still has bacteria. Additional repeat samples are planned for about the 15th of March.

Sincerely,

Jim Gooding, Water Operator

JG/ss

USAGE AND LOSS REPORT

Taylor Coastal Water & Sewer Distr

Month	Water Pumped	Water Sold	Water Loss Prct	Average Use	Active Meters	Zero Use Meters	Over 50000	40001 50000	30001 40000	20001 30000	10001 20000	8001 10000	6001 8000	4001 6000	2001 4000	1 2000
01-15	1,098,600	1,016,000	7.06	2,194	463	240	2	0	0	1	11	10	10	25	54	118
02-15	0	842,000	0.00	1,819	463	270	2	1	0	1	5	4	6	15	61	107
03-15	1,132,000	886,000	18.99	1,909	464	232	1	0	0	2	9	6	11	20	70	116
04-15	1,521,000	1,285,000	13.34	2,763	465	158	0	0	2	1	22	12	17	37	62	160
05-15	1,449,000	1,164,000	7.58	2,471	471	179	0	0	2	3	15	13	15	24	66	159
06-15	0	1,501,000	0.00	3,180	472	146	0	0	2	4	23	13	23	51	65	151
07-15	2,358,000	2,206,500	5.21	4,665	473	104	2	1	2	6	42	20	30	54	93	125
08-15	0	1,415,000	0.00	2,998	472	159	1	1	0	3	22	12	24	33	75	151
09-15	0	1,103,000	0.00	2,327	474	185	0	0	0	5	9	11	18	29	76	145
10-15	0	913,000	0.00	1,926	474	210	0	0	1	3	5	7	11	34	62	149
11-15	0	932,000	0.00	1,970	473	230	0	0	2	4	8	7	10	29	57	134
12-15	0	896,000	0.00	1,894	473	227	0	1	1	2	7	7	13	24	62	137

12 Month Totals

Total Water Pumped	7,558,600
Total Water Sold	14,159,500
Total Used for Fire/Flush	2,019,110
Total Water Loss	-8,620,010
Total Water Loss Percent	-114.04 %

Monthly Averages

Average Water Pumped	629,883
Average Water Sold	1,179,958
Average Used for Fire/Flush	168,259
Average Water Loss	-718,334
Average Water Loss Percent	-114.04 %
Average Customer Use	2,510

Qualified By: System Totals 01-15 to 12-15

Taylor Coastal Water & Sewer Dist.

USAGE AND LOSS REPORT

Taylor Coastal Water & Sewer Distr

Month	Water Pumped	Water Sold	Water Loss Prct	Average Use	Active Meters	Zero Use Meters	Over 50000	40001 50000	30001 40000	20001 30000	10001 20000	8001 10000	6001 8000	4001 6000	2001 4000	1 2000
01-16	1,134,000	868,000	9.89	1,827	475	246	0	0	0	2	10	5	16	28	52	124
02-16	0	714,000	0.00	1,503	475	251	0	0	0	2	5	8	6	24	45	143
03-16	1,197,000	915,000	10.78	1,922	476	226	1	1	0	2	8	4	11	32	57	140
04-16	1,300,000	1,083,000	13.54	2,261	479	190	1	0	0	1	9	11	17	42	67	146
05-16	0	1,253,000	0.00	2,610	480	163	0	0	1	1	25	7	21	35	67	166
06-16	0	1,687,000	0.00	3,478	485	136	0	1	2	5	26	17	26	45	77	152
07-16	0	2,213,500	0.00	4,545	487	99	0	0	4	6	46	25	30	69	83	126
08-16	1,874,000	1,524,000	12.97	3,123	488	141	0	0	1	4	25	13	25	41	89	150
09-16	0	1,687,000	0.00	3,471	486	148	0	1	2	4	25	14	36	51	69	144
10-16	0	772,000	0.00	1,618	477	236	0	0	0	1	5	9	13	20	61	141
11-16	0	953,000	0.00	1,990	479	231	0	0	1	0	15	11	7	29	63	130
12-16	0	880,000	0.00	1,830	481	223	0	0	0	0	13	9	9	31	59	136

12 Month Totals

Total Water Pumped	5,505,000
Total Water Sold	14,549,500
Total Used for Fire/Flush	495,845
Total Water Loss	-9,540,345
Total Water Loss Percent	-173.30 %

Monthly Averages

Average Water Pumped	458,750
Average Water Sold	1,212,458
Average Used for Fire/Flush	41,320
Average Water Loss	-795,029
Average Water Loss Percent	-173.30 %
Average Customer Use	2,515

Qualified By: System Totals 01-16 to 12-16

Taylor Coastal Water & Sewer Dist.

USAGE AND LOSS REPORT

Taylor Coastal Water & Sewer Distr

Month	Water Pumped	Water Sold	Water Loss Prct	Average Use	Active Meters	Zero Use Meters	Over 50000	40001 50000	30001 40000	20001 30000	10001 20000	8001 10000	6001 8000	4001 6000	2001 4000	1 2000
01-17	1,260,000	904,000	12.26	1,872	483	232	0	1	2	0	9	11	9	21	62	144
02-17	0	745,000	0.00	1,536	485	256	0	0	0	0	13	2	8	22	58	134
03-17	0	843,000	0.00	1,717	491	237	1	0	0	0	9	6	6	19	58	162
04-17	1,326,000	1,228,000	0.30	2,516	488	187	0	0	1	2	18	11	23	27	61	158
05-17	0	1,203,000	0.00	2,445	492	176	0	0	0	6	14	8	21	26	70	174
06-17	0	1,646,000	0.00	3,332	494	153	1	0	0	8	26	16	13	47	76	163
07-17	0	1,946,000	0.00	3,923	496	122	1	0	2	6	36	16	28	51	105	133
08-17	0	1,527,000	0.00	3,079	496	160	0	1	2	4	21	5	34	41	82	157
09-17	0	911,000	0.00	1,829	498	201	0	0	0	2	7	3	9	36	74	172
10-17	0	973,000	0.00	1,946	500	261	1	0	2	2	11	3	9	31	54	136
11-17	0	898,000	0.00	1,789	502	243	0	0	0	2	12	8	7	27	54	160
12-17	0	843,000	0.00	1,676	503	263	0	1	0	1	13	3	8	26	51	148

12 Month Totals

Total Water Pumped	2,586,000
Total Water Sold	13,667,000
Total Used for Fire/Flush	295,500
Total Water Loss	-11,376,500
Total Water Loss Percent	-439.93 %

Monthly Averages

Average Water Pumped	215,500
Average Water Sold	1,138,917
Average Used for Fire/Flush	24,625
Average Water Loss	-948,042
Average Water Loss Percent	-439.93 %
Average Customer Use	2,305

Qualified By: System Totals 01-17 to 12-17

Taylor Coastal Water & Sewer Dist.

USAGE AND LOSS REPORT

Taylor Coastal Water & Sewer Distr

Month	Water Pumped	Water Sold	Water Loss Prct	Average Use	Active Meters	Zero Use Meters	Over 50000	40001 50000	30001 40000	20001 30000	10001 20000	8001 10000	6001 8000	4001 6000	2001 4000	1 2000
01-18	0	845,000	0.00	1,670	506	288	0	0	0	1	12	4	19	25	51	119
02-18	1,193,000	960,000	18.44	1,909	503	247	0	0	1	3	11	5	12	29	65	142
03-18	0	996,000	0.00	1,968	506	231	0	0	2	1	10	4	19	29	69	153
04-18	0	1,188,000	0.00	2,334	509	207	2	1	0	2	12	7	10	27	69	182
05-18	0	1,184,000	0.00	2,317	511	199	0	0	1	1	23	7	19	27	64	177
06-18	0	1,234,000	0.00	2,420	510	179	0	0	0	4	15	7	18	49	61	189
07-18	0	1,969,000	0.00	3,853	511	128	0	0	4	9	25	19	37	41	104	152
08-18	0	1,784,000	0.00	3,491	511	164	2	0	3	4	20	12	24	48	68	174
09-18	0	1,385,000	0.00	2,705	512	216	1	0	1	1	7	7	12	32	64	180
10-18	0	1,223,000	0.00	2,389	512	226	1	1	2	1	20	7	13	29	61	164
11-18	0	779,000	0.00	1,524	511	279	1	0	1	1	6	2	12	16	57	145
12-18	0	917,000	0.00	1,795	511	276	1	0	0	4	4	2	9	28	44	161

12 Month Totals

Total Water Pumped	1,193,000
Total Water Sold	14,464,000
Total Used for Fire/Flush	28,000
Total Water Loss	-13,299,000
Total Water Loss Percent	-1,114.75 %

Monthly Averages

Average Water Pumped	99,417
Average Water Sold	1,205,333
Average Used for Fire/Flush	2,333
Average Water Loss	-1,108,250
Average Water Loss Percent	-1,114.75 %
Average Customer Use	2,365

Qualified By: System Totals 01-18 to 12-18

Taylor Coastal Water & Sewer Dist.

USAGE AND LOSS REPORT

Taylor Coastal Water & Sewer Distr

Month	Water Pumped	Water Sold	Water Loss Prct	Average Use	Active Meters	Zero Use Meters	Over 50000	40001 50000	30001 40000	20001 30000	10001 20000	8001 10000	6001 8000	4001 6000	2001 4000	1 2000
01-19	0	720,000	0.00	1,404	513	282	0	0	0	1	6	5	14	20	51	146
02-19	0	887,000	0.00	1,726	514	244	0	0	0	2	10	7	10	26	54	171
03-19	0	777,000	0.00	1,509	515	250	0	0	0	1	6	5	9	28	52	172
04-19	0	1,039,000	0.00	2,014	516	210	0	0	0	2	13	7	14	28	77	171
05-19	0	1,093,000	0.00	2,106	519	203	0	0	0	3	10	10	21	27	67	186
06-19	0	1,744,000	0.00	3,347	521	158	0	0	2	5	34	19	18	44	78	174
07-19	0	1,936,000	0.00	3,702	523	133	1	0	2	4	31	20	40	44	94	159
08-19	0	1,462,000	0.00	2,790	524	182	0	0	1	1	24	15	27	37	87	159
09-19	0	928,000	0.00	1,768	525	241	0	0	0	1	8	7	13	36	58	170

9 Month Totals

Total Water Pumped	0
Total Water Sold	10,586,000
Total Used for Fire/Flush	0
Total Water Loss	-10,586,000
Total Water Loss Percent	0.00 %

Monthly Averages

Average Water Pumped	0
Average Water Sold	1,176,222
Average Used for Fire/Flush	0
Average Water Loss	-1,176,222
Average Water Loss Percent	0.00 %
Average Customer Use	2,263

Qualified By: System Totals 01-19 to 09-19

Taylor Coastal Water & Sewer Dist.

PICK UP

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

62-550.730 Reporting Format. Effective 01/05, Revised 02/2010

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 354909 DW 1-4 Subcontract Lab ID: _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci

☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 1-18-18 | 1035

Analysis Date & Time: 1-18-18 | 1330
Sample Acceptance Criteria:
Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ 8 °C
Disinfectant Check: ☐ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements

_____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2 6 2 4 1 6 5

PWS Address 18820 Beach Road City Perry, Fl 32348
PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043
Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)

☑ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)

☐ DistributionRoutine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 1/18/2018 **A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count**

To be completed by collector of sample						To be completed by lab				
						Method: ☐ ~~COLITAG~~ ☑ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	Well 6	945	S	/	7.5		A	A		354909 DW 1
2	Well 8	915	S	/			A	A		DW 2
3	Keaton Beach	730	D	2.0			A	A		DW 3
4	Fish Creek	750	D	2.0	↓		A	A		DW 4

Average of disinfectant residuals for distribution routine and repeat samples*: _____
*Applies to consecutive non-community systems serving populations up to and including

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☑ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards and the results relate only to the samples.
Date & time PWS notified by lab of positive results: _____
Date & time DEP/DOH notified by lab of positive results: _____
Date Report Issued: 1-19-18
Lab Signature: Amy Lipscomb
Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required
Date Reviewed by DEP/DOH: _____
DEP/DOH Reviewing Official: _____

RECEIVED
By bobbitt_b at 8:42 am, Jan 25, 2018

DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)
Defined in Florida Administrative Code Rule 62-160, Table I

PICK UP

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

(62-550.730 Reporting Format Effective 01/95, Revised 02/2010)

FLOWERS CHEMICAL LABORATORIES INCORPORATED
812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 357529 DW 1-4 **Subcontract Lab ID:** _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci
☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 2-15-18 / 1105
Analysis Date & Time: 2-15-18 / 1300
Sample Acceptance Criteria:
Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ 9 °C
Disinfectant Check: ☐ Not Detected ☐ _____ mg/L
This sample does not meet the following NELAC requirements: _____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2 6 2 4 1 6 5
PWS Address 18820 Beach Road City Perry, Fl 32348
PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043
Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)
☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)
☒ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 2/15/18 **A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count**

To be completed by collector of sample						To be completed by lab				
						Method: ~~☒ COLITAG~~ ☑ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	8" WELL	0810	S	N/A	7.5		A	A		357529 DW 1
2	6" WELL	0800	S	N/A			A	A		DW 2
3	CEDAR ISLAND	0900	D	1.6			A	A		DW 3
4	DEKLE BEACH	0830	D	1.6			A	A		DW 4

Average of disinfectant residuals for distribution routine and repeat samples[5]: _____

[5]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other: _____
Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☒ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date & time PWS notified by lab of positive results: _____
Date & time DEP/DOH notified by lab of positive results: _____
Date Report Issued: 2-16-18
Lab Signature: Amy Lipscomb
Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required
Date Reviewed by DEP/DOH: _____
DEP/DOH Reviewing Official: _____

[1]DEP ... = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)
[4]Define ... ColiFormNorth2015.doc

PICK UP

DRINKING WATER MICROBIAL SAMPLE COLLECTION
& LABORATORY REPORT FORMAT

62-550.730 Reporting Format. Effective 01/08. Revised 02/2010

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 3575219 DW2 Subcontract Lab ID: _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci
☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 2-15-18 / 1105
Analysis Date & Time: 2-15-18 / 1300
Sample Acceptance Criteria:
Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ 9 °C
Disinfectant Check: ☑ Not Detected ☐ _____ mg/L
This sample does not meet the following NELAC requirements:
_____

Public Water System (PWS) Name: Big Bend Water Authority **PWS I.D.** 2 6 2 1 1 0 2
PWS Address P O Box 670 City Steinhatchee, Fl
PWS or PWS Owner's Phone # 352-498-3576 Fax # 352-498-3624
Collector: Garrett Dodd Collector's Phone # 352-356-3535

Type of Supply (check only one)
☑ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)
☑ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 2/15/18 **A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count**

To be completed by collector of sample						To be completed by lab				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Method: ☐ ☒ SM9223B - Colilert-18				
						Non Coliform	Total Coliform	E. coli or Enterococci	Q[2]	Lab Sample#
1	Heirs Residence	7:59a	G	1.3	8.02		A	A		3575219 DW2
2	2nd St / 3rd Ave	8:35a	G	0.40	8.07		A	A		DW3
3	River Avenue	8:19a	G	0.80	8.09		A	A		DW4
4	Well #5	8:50	G	X	7.43		A	A		DW5
5	Well #6	8:44a	G	X	7.38		A	A		

RECEIVED
By lomen_t at 8:42 am, Mar 09, 2018

Average (Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average)

Free chlorine or Total chlorine (circle one)

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other: _____
Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☒ A certified operator # 0012889 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date & time PWS notified by lab of positive results: _____
Date & time DEP/DOH notified by lab of positive results: _____
Date Report Issued: 2-16-18
Lab Signature: _____
Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Big Bend Water Authority ID# 2044

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required
Date Reviewed by DEP/DOH: _____
DEP/DOH Reviewing Official: _____

[1] DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)
[2] Defined in Florida Administrative Code Rule 62-160, Table I

PICK UP

RECEIVED
By lomen_t at 12:25 pm, Mar 16, 2018

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

62-550.730 Reporting Format Effective 10/05, Revised 12/2010

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 360234 DW 1-4 Subcontract Lab ID: _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci
☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 3/15/18 /1325
Analysis Date & Time: 3/15/18 /1510
Sample Acceptance Criteria:
Sample Preservation: ☒ On Ice ☐ Not On Ice ☐ 10 °C
Disinfectant Check: ☐ Not Detected ☐ _____ mg/L
This sample does not meet the following NELAC requirements.
_____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2624165
PWS Address 18820 Beach Road City Perry, Fl 32348
PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043
Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)
☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)
☒ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 3-15-18

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☐ COLITAG ☒ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q[4]	Lab Sample#
1	8" well	0755	S	N/A	7.5		A	A		360234 DW 1
2	6" well	0800	S	N/A	7.5		A	A		360234 DW 2
3	Kearan Beach	0815	D	1.4	7.5		A	A		360234 DW 3
4	Dark Island	0825	D	1.2	7.5		A	A		360234 DW 4

Average of disinfectant residuals for distribution routine and repeat samples[5]:

[5]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other: _____
Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☒ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards and the results relate only to the samples.

Date & time PWS notified by lab of positive results: _____
Date & time DEP/DOH notified by lab of positive results: _____
Date Report Issued: 3.16.18
Lab Signature: Donna Boggs
Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required
Date Reviewed by DEP/DOH: _____
DEP/DOH Reviewing Official: _____

[1]DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)
[4]Defined in Florida Administrative Code Rule 62-160, Table I

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

62-550.730 Reporting Format. Effective 08/05, Revised 02/2016)

PICK UP

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number 363762 DW 1-4 ...tract Lab ID: _____

Lab Receipt Date & Time: 4-19-18 | 1315

Analysis Date & Time: 4-19-18 | 1500

Sample Acceptance Criteria:

Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ 7 °C

Disinfectant Check: ☑ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements

_____

Analysis Requested: (check all that apply then circle appropriate selection below)

☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci

☐ Coliphage ☐ HPC ☐ Other: _____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2 6 2 4 1 6 5

PWS Address 18820 Beach Road City Perry, Fl 32348

PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043

Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)

☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System

☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)

☒ DistributionRoutine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey

☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 4-19-18

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☐ ~~DST/AG~~ ☑ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	Well 8"	0730	R		7.5		P	A		363762 DW 1
	R at DW-1 is 4-log approved. DRL									
2	Oak Ridge	0755	D		7.5		A	A		DW2
3	Cedar Island	0815	D		7.5		A	A		DW3
4	Well 6"	0740	R		7.5		A	A		DW4

Average of disinfectant residuals for distribution routine and repeat samples[5]:

[5]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other _____

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH

☒ A certified operator # 21427 ☐ Employed by a certified lab

☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards and the results relate only to the samples.

Date & time PWS notified by lab of positive results: 4.20.18@0953 notified Client OTD

Date & time DEP/DOH notified by lab of positive results: _____

Date Report Issued: 4-20-18

Lab Signature: Amy Lipscomb

Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY

☑ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required

Date Reviewed by DEP/DOH: 4/23/18

DEP/DOH Reviewing Official: D Lubinski

DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)

[5]Defined in Florida Administrative Code Rule 62-160, Table I

PICK UP

Copy to Row 5/22/18 ds

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

FLOWERS CHEMICAL LABORATORIES, INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 366207 DW 1-4 Subcontract Lab ID:

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/E. coli ☐ Total Coliform/Fecal ☐ Enterococci
☐ Coliphage ☐ HPC ☐ Other:

Lab Receipt Date & Time: 5-17-18/1115
Analysis Date & Time: 5-17-18 1415
Sample Acceptance Criteria:
Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ 7 °C
Disinfectant Check: ☐ Not Detected ☐ mg/L
This sample does not meet the following NELAC requirements:

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District PWS I.D.# 2624165
PWS Address 18820 Beach Road City Perry, Fl 32348
PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043
Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)
☐ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other

Reason for Sampling: (check all that apply)
☐ DistributionRoutine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other:

Sample Collection Date: 5- -18

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☐ COLITAG ☑ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type*	Disinfect Res'd mg/L	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	Well 8"	7:00	S	N/A	7.5		A	A		366207 DW 1
2	Well 6"	6:50	S	N/A	7.5		A	A		2
3	Keaton Beach	7:45	D	1.2	7.5		A	A		3
4	Cedar Island E	7:30	D	1.0	7.5		A	A		4

Average of disinfectant residuals for distribution routine and repeat samples*:

☐ Supervised by cert operator # ☐ Employed by a certified lab ☐ Authorized representative of water supplier

RECEIVED
By bobbitt_b at 10:17 am, Jun 19, 2018

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.
Date & time PWS notified by lab of positive results:
Date & time DEP/DOH notified by lab of positive results:
Date Report Issued: 5-18-18
Lab Signature: Amy Apocamo
Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report
Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required
Date Reviewed by DEP/DOH:
DEP/DOH Reviewing Official:

*DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)
Defined in Florida Administrative Code Rule 62-160, Table I

DRINKING WATER MICROBIAL SAMPLE COLLECTION
& LABORATORY REPORT FORMAT

PICK UP

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 369390 DW-4 **Subcontract Lab ID:** _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci
☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 6-21-18 / 1110
Analysis Date & Time: 6-21-18 / 1330
Sample Acceptance Criteria:
Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ 10 °C
Disinfectant Check: ☑ Not Detected ☐ _____ mg/L
This sample does not meet the following NELAC requirements:

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2624165
PWS Address 18820 Beach Road City Perry, Fl 32348
PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043
Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)
☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other

Reason for Sampling: (check all that apply)
☒ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 6-21-18 A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Method: ~~COLITAG~~ ☑ SM9223B - Colilert				
						Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	DEKEI BEACH	6:53	D	1.0	7.5		A	A		369390 DW1
2	DARK ISLAND	7:30	D	1.0	7.5		A	A		DW2
3	6" well	6:30	S		7.5		P	A		DW3
4	8" well		S		7.5		P	A		DW4
		6:35				—	—	—		

Average of disinfectant residuals for distribution routine and repeat samples[1]: _____
[1]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average
Free chlorine or Total chlorine (circle one).
Disinfectant Residual Analysis Method: ☑ DPD Colorimetric ☐ Other _____
Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☑ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.
Date & time PWS notified by lab of positive results: 6-22-18 @ 0845 by phone Cmf
Date & time DEP/DOH notified by lab of positive results: _____
Date Report Issued: 6-22-18
Lab Signature: _____
Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required
Date Reviewed by DEP/DOH: _____
DEP/DOH Reviewing Official: _____

R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)

DRINKING WATER MICROBIAL SAMPLE COLLECTION
& LABORATORY REPORT FORMAT

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 372290 DW 1-4 **Subcontract Lab ID:** _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci
☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 7-19-18 / 1125
Analysis Date & Time: 7-19-18 / 1400
Sample Acceptance Criteria:
Sample Preservation: ☐ On Ice ☐ Not On Ice ☐ _____ C
Disinfectant Check: ☐ Not Detected ☐ _____ mg/L
This sample does not meet the following NELAC requirements:

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2624165
PWS Address 18820 Beach Road City Perry, Fl 32348
PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 576-3043 Fax # (850)578-3043
Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)
☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other

Reason for Sampling: (check all that apply)
☒ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other

Sample Collection Date: 7-19-18

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type*	Disinfect Res'd (mg/L)	pH	Method: ~~☐ COLITAG~~ ☐ SM9223B - Colilert				
						Non Coliform	Total Coliform	E coli or Enterococci	Q*	Lab Sample#
1	8" well	910	S	X	7.5		A	A		372290 DW1
2	6" well	915	S	X			A	A		DW2
3	Cedar Island	8:45	D	1.2			A	A		DW3
4	Gibson Road	9:00	D	1.2			A	A		DW4

Average of disinfectant residuals for distribution routine and repeat samples*:

*Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other _____
Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☒ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date & time PWS notified by lab of positive results: _____
Date & time DEP/DOH notified by lab of positive results: _____
Date Report Issued: 7.20.18
Lab Signature: Amy Lipscomb
Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required
Date Reviewed by DEP/DOH: _____
DEP/DOH Reviewing Official: _____

*Sample Type Codes: D = Distribution (Routine Compliance), C = Repeat or Check, R = Raw, N = Entry to Distribution, P = Plant Tap, S = Special (clearance, etc.)

Defined in Florida Administrative Code Rule 62-160, Table I

DRINKING WATER MICROBIAL SAMPLE COLLECTION
& LABORATORY REPORT FORMAT

PICK UP

FLOWERS CHEMICAL LABORATORIES INCORPORATED
812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 375052 DW 1-4 **Subcontract Lab ID:**

Lab Receipt Date & Time: 8/16/18 / 1035

Analysis Date & Time: 8/16/18 / 1400

Sample Acceptance Criteria:

Sample Preservation: ☒ On Ice ☐ Not On Ice ☐ 10 °C

Disinfectant Check: ☒ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements:

Analysis Requested: (check all that apply then circle appropriate selection below)

☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci

☐ Coliphage ☐ HPC ☐ Other: _____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2624165

PWS Address 18820 Beach Road City Perry, Fl 32348

PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043

Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)

☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System

☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other

Reason for Sampling: (check all that apply)

☒ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey

☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other

Sample Collection Date: 8-16-18

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☐ COLITAG ☒ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type*	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	Well 8	0630	S	N/A	7.5		P	A		375052 DW
2	Well 6	0650	S	N/A	7.5		P	A		DW 2
3	Keaton Beach	7:15	D	1.2	7.5		A	A		DW 3
4	Sawgrass Bay EST.	7:30	D	1.8	7.5		A	A		DW 4

Average of disinfectant residuals for distribution routine and repeat samples*:

*Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other: _____

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH

☒ A certified operator # 21427 ☐ Employed by a certified lab

☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date & time PWS notified by lab of positive results: notified client 8.17.18 @ 0845 DTB

Date & time DEP/DOH notified by lab of positive results: _____

Date Report Issued: 8.17.18

Lab Signature: Donna Buggs

Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY

☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required

Date Reviewed by DEP/DOH: _____

DEP/DOH Reviewing Official: _____

*DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (Investigative Only)

C:\Users\Dodie\Desktop\WTColiForm2018.xls Page 1 of 1

RECEIVED
By bobbitt_b at 10:47 am, Aug 17, 2018

REVIEWED
By Adriana Marceaux at 11:04 am, Aug 17, 2018

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

PICK UP

FLOWERS CHEMICAL LABORATORIES INCORPORATED
812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 378571 DW 1-4 **Subcontract Lab ID:**

Lab Receipt Date & Time: 9/20/18/1130
Analysis Date & Time: 9/20/18/1400
Sample Acceptance Criteria:
Sample Preservation: ☒ On Ice ☐ Not On Ice ☐ 7 °C
Disinfectant Check: ☒ Not Detected ☐ ____ mg/L
This sample does not meet the following NELAC requirements:

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci
☐ Coliphage ☐ HPC ☐ Other:

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2624165
PWS Address 18820 Beach Road City Perry, Fl 32348
PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043
Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)
☐ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other

Reason for Sampling: (check all that apply)
☐ DistributionRoutine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other

Sample Collection Date: 9-20-18

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☐ COLITAG ☒ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q[4]	Lab Sample#
1	well #8	0700	S	N/A	7.5		A	A		378571 DW 1
2	well #6	0715	S	N/A			P	A		378571 DW 2
3	CEDAR ISAND	0745	D	1.4			A	A		378571 DW 3
4	EZELL BEACH	0800	D				A	A		378571 DW 4

Average of disinfectant residuals for distribution routine and repeat samples[3]:

[3]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other:
Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☒ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.
Date & time PWS notified by lab of positive results: Notified Client 9/21/18 DTB
Date & time DEP/DOH notified by lab of positive results:
Date Report Issued: 9.21.18
Lab Signature: Donna Buggs
Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required
Date Reviewed by DEP/DOH:
DEP/DOH Reviewing Official:

[1]D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)

RECEIVED
By bobbitt_b at 3:32 pm, Sep 21, 2018

REVIEWED
By Adriana Marceaux at 12:02 pm, Sep 25, 2018

PICK UP

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

(62-550.730 Reporting Format Effective 01/05, Revised 02/2010)

FLOWERS CHEMICAL LABORATORIES INCORPORATED
812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 381412 DW 1-4 Subcontract Lab ID: _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci
☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 10/18/18 / 1100
Analysis Date & Time: 10-18-18 / 1300
Sample Acceptance Criteria:
Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ 16 °C
Disinfectant Check: ☑ Not Detected ☐ _____ mg/L
This sample does not meet the following NELAC requirements: _____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2624165
PWS Address 18820 Beach Road City Perry, Fl 32348
PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043
Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)
☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)
☐ DistributionRoutine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 10-18-18 **A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count**

To be completed by collector of sample						To be completed by lab (Method: ~~COLITAG~~ ☑ SM9223B - Colilert)				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q[4]	Lab Sample#
1	well 8	630	R	N/A	7.5		A	A		381412 DW 1
2	Well 6	650	R	N/A			A	A		DW 2
3	Keaton Beach	715	D	1.6			A	A		DW 3
4	Fish Creek	730	D	1.2			A	A		DW 4

Average of disinfectant residuals for distribution routine and repeat samples[5]:
[5]Complete for community and non-transient non-community systems serving populations up to and including 4,000. Do not include raw or plant samples in the average.
Free chlorine or Total chlorine (circle one).
Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other: _____
Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☒ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.
Date & time PWS notified by lab of positive results: _____
Date & time DEP/DOH notified by lab of positive results: _____
Date Report Issued: 10.19.18
Lab Signature: Donna Burgess
Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required
Date Reviewed by DEP/DOH: _____
DEP/DOH Reviewing Official: _____

[1]DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)

DRINKING WATER MICROBIAL SAMPLE COLLECTION
& LABORATORY REPORT FORMAT

PICK UP

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 383903 DW 1-4 Subcontract Lab ID: _____

Lab Receipt Date & Time: 11-15-18 / 1130

Analysis Date & Time: 11-15-18 / 1400

Sample Acceptance Criteria:

Sample Preservation: ☒ On Ice ☐ Not On Ice ☐ 9 C

Disinfectant Check: ☒ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements:

_____

Analysis Requested: (check all that apply then circle appropriate selection below)

☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci

☐ Coliphage ☐ HPC ☐ Other: _____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2624165

PWS Address 18820 Beach Road City Perry, Fl 32348

PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043

Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)

☐ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System

☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)

☐ DistributionRoutine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey

☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 11-15-18

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Method: ~~☐ SOLITAC~~ ☐ SM9223B - Colilert				
						Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	Well 6	0825	S	N/A	7.5		P	A		383903 DW 1
2	Well 8	0826	S	N/A			A	A		DW 2
3	Cedar Island	0820	D	1.4			A	A		DW 3
4	Dakie Beach	0800	D	1.4			A	A		DW 4

Average of disinfectant residuals for distribution routine and repeat samples[5]: _____

[5]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other _____

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH

☒ A certified operator # 21427 ☐ Employed by a certified lab

☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date & time PWS notified by lab of positive results: 11-16-18 @ 0811 AM

Date & time DEP/DOH notified by lab of positive results: _____

Date Report Issued: 11-16-18

Lab Signature: _____

Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY

☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required

Date Reviewed by DEP/DOH: _____

DEP/DOH Reviewing Official: _____

REVIEWED
By Adriana Marceaux at 11:25 am, Nov 19, 2018

RECEIVED
By bobbitt_b at 11:16 am, Nov 19, 2018

R = Raw, N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)

PICK UP

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

(62-550.730) Reporting Format Effective 01/05, Revised 02/2010

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 387239 DW 1-4 **Subcontract Lab ID:**

Lab Receipt Date & Time: 12-20-18/1100

Analysis Date & Time: 12-20-18 / 1430

Sample Acceptance Criteria:

Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ ____ C

Disinfectant Check: ☑ Not Detected ☐ ____ mg/L

This sample does not meet the following NELAC requirements:

Analysis Requested: (check all that apply then circle appropriate selection below)

☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci

☐ Coliphage ☐ HPC ☐ Other:

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2 6 2 4 1 6 5

PWS Address 18820 Beach Road City Perry, Fl 32348

PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043

Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)

☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System

☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other

Reason for Sampling: (check all that apply)

☒ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey

☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other

Sample Collection Date: 12-19-18

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☐ ~~COLITAG~~ ☑ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	8" well	1115	S	N/A	7.5		A	A		387239 DW1
2	6" well	1120	S	N/A	7.5		A	A		DW2
3	Keaton Beach	1150	D	1.4	7.5		A	A		DW3
4	Ezell Beach	1200	D	1.4	7.5		A	A		DW4

Average of disinfectant residuals for distribution routine and repeat samples[3]:

[3]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH

☒ A certified operator # 21427 ☐ Employed by a certified lab

☐ Supervised by cert operator # ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date & time PWS notified by lab of positive results:

Date & time DEP/DOH notified by lab of positive results:

Date Report Issued: 12.21.18

Lab Signature: Donna Bugs

Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY

☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required

Date Reviewed by DEP/DOH:

DEP/DOH Reviewing Official:

[1]DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)
[1]Defined in Florida Administrative Code Rule 62-160, Table I

PICK UP

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 389543 DW 1-4 **Subcontract Lab ID:** _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci
☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 1/17/19 / 1040
Analysis Date & Time: 1/17/19 / 1330
Sample Acceptance Criteria:
Sample Preservation ☑ On Ice ☐ Not On Ice ☐ 6 C
Disinfectant Check: ☑ Not Detected ☐ _____ mg/L
This sample does not meet the following NELAC requirements:

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2 6 2 4 1 6 5
PWS Address 18820 Beach Road City Perry, Fl 32348
PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043
Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)
☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)
☒ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 1/17/19 A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☐ – ☑ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q[4]	Lab Sample#
1	8" Well	750	S	N/A	7.5		A	A		389543 DW 1
2	6" Well	750	S	N/A			A	A		389543 DW 2
3	Keaton Beach	7:30	D	1.4			A	A		389543 DW 3
4	Fish Creek	7.40	D	1.4			A	A		389543 DW 4
		7		1.4						

Average of disinfectant residuals for distribution routine and repeat samples[3]:
[3]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.
Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method ☒ DPD Colorimetric ☐ Other: _____
Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☒ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards and the results relate only to the samples.
Date & time PWS notified by lab of positive results: _____
Date & time DEP/DOH notified by lab of positive results: _____
Date Report Issued: 1.18.19
Lab Signature: Donna Briggs
Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required
Date Reviewed by DEP/DOH: _____
DEP/DOH Reviewing Official: _____

[1]DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)
[4]Defined in Florida Administrative Code Rule 62-160, Table I

PICK UP

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 392598 DW 1-4 Subcontract Lab ID: _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci

☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 2-21-19 / 1055

Analysis Date & Time: 2-21-19 / 1230

Sample Acceptance Criteria:

Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ _____ °C
Disinfectant Check: ☑ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements

_____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2624165

PWS Address 18820 Beach Road City Perry, Fl 32348

PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043

Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)

☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)

☒ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 2-21-19 A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☐ ☑ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q[4]	Lab Sample#
1	Well 8 well is 4-log treated	810	S	N/A	7.5		P	A		392598 DW
2	Well 6	805	S	N/A			A	A		DW2
3	Cedar Island	7.45		1.6			A	A		DW3
4	Dekle Beach	800		1.4			A	A		DW4

Average of disinfectant residuals for distribution routine and repeat samples[3]:

[3]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other: _____

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☒ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date & time PWS notified by lab of positive results: contacted Ron Bennett @ 0706 - 2/22/19 DTB

Date & time DEP/DOH notified by lab of positive results: _____

Date Report Issued: 2.22.19

Lab Signature: Amy Spacomb

Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

RECEIVED
By bobbitt_b at 2:08 pm, Feb 26, 2019

DEP/DOH USE ONLY

☒ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required

Date Reviewed by DEP/DOH: 3/1/2019

DEP/DOH Reviewing Official: D Lubinski

[1]DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)
[2]Defined in Florida Administrative Code Rule 62-160, Table I

DRINKING WATER MICROBIAL SAMPLE COLLECTION
& LABORATORY REPORT FORMAT

PICK UP

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 3952961 DW 1-4 Subcontract Lab ID: _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci

☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 3-21-19 / 1050

Analysis Date & Time: 3-21-19 / 1330

Sample Acceptance Criteria:

Sample Preservation ☑ On Ice ☐ Not On Ice ☐ 12 °C

Disinfectant Check: ☑ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements:

_____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2624165

PWS Address 18820 Beach Road City Perry, Fl 32348

PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043

Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)

☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)

☑ DistributionRoutine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey

☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 3-21-19

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☐ _____ ☑ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type*	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q^	Lab Sample#
1	Well 8	0730	S	N/A	7.5		A	A		3952961 DW 1
2	Well 6	0735	S	N/A			A	A		DW2
3	Kenton Beach	0750	D	1.2			A	A		DW3
4	Dark Island	0808	D	1.4			A	A		DW4

Average of disinfectant residuals for distribution routine and repeat samples^: _____

^Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☑ DPD Colorimetric ☐ Other: _____

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☑ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards and the results relate only to the samples.

Date & time PWS notified by lab of positive results: _____

Date & time DEP/DOH notified by lab of positive results: _____

Date Report Issued 3-22-19

Lab Signature: Amy Upscomb

Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY

☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required

Date Reviewed by DEP/DOH: _____

DEP/DOH Reviewing Official: _____

*DEP Sample Type Codes: D = Distribution (Routine Compliance), C = Repeat or Check, R = Raw, N = Entry to Distribution, P = Plant Tap, S = Special (clearance, etc.)
^Defined in Florida Administrative Code Rule 62-160, Table I

DRINKING WATER MICROBIAL SAMPLE COLLECTION
& LABORATORY REPORT FORMAT

PICK UP

FLOWERS CHEMICAL LAB LABORATORIES INCORPORATED
812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878
FLDOH Lab Certification #E82405

Report Number: 398008 DW 1-4 Subcontract Lab ID: _____

Lab Receipt Date & Time: 4.18.19 / 1147

Analysis Date & Time: 4.18.19 / 1330

Sample Acceptance Criteria:

Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ 6 °C

Disinfectant Check: ☐ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements: _____

Analysis Requested: (check all that apply then circle appropriate selection below)

☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci

☐ Coliphage ☐ HPC ☐ Other: _____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District PWS I.D.# 2624165

PWS Address 18820 Beach Road City Perry, Fl 32348

PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043

Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)

☑ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System

☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)

☑ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey

☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 4-18-19

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab ☑ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type*	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	Well 8"	0745	S	NA	7.5		A	A		DW1
2	Well 6"	0730	S	NA	7.5		A	A		DW2
3	Cedar Island	0715	D	1.4	7.5		A	A		DW3
4	Oakridge	0700	D	1.6	7.5		A	A		DW4

Average of disinfectant residuals for distribution routine and repeat samples*:

Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one)

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other _____

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH

☒ A certified operator # 21427 ☐ Employed by a certified lab

☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards and the results relate only to the samples.

Date & time PWS notified by lab of positive results: _____

Date & time DEP/DOH notified by lab of positive results: _____

Date Report issued: 4.19.19

Lab Signature: _____

Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY

☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required

Date Reviewed by DEP/DOH: _____

DEP/DOH Reviewing Official: _____

DEP Sample Type Codes: D = Distribution (Routine Compliance), C = Repeat or Check, R = Raw, N = Entry to Distribution, P = Plant Tap, S = Special (Clearance, etc.)
(Defined in Florida Administrative Code Rule 62-550, Table I)

PICK UP

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

62-550.730 DW Reporting Format Effective 10/95, Revised 02/2010

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 400693 DW 1-4 Subcontract Lab ID: _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci

☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 5-16-19/1430

Analysis Date & Time: 5-16-19 / 1600

Sample Acceptance Criteria:

Sample Preservation: ☒ On Ice ☐ Not On Ice ☐ 6 °C
Disinfectant Check: ☐ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements.

_____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2624165

PWS Address 18820 Beach Road City Perry, Fl 32348

PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043

Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)

☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)

☒ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 5-16-19 **A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count**

To be completed by collector of sample						To be completed by lab				
						Method: ☐ ~~COLITAG~~ ☒ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	8" well	0740	S	N/A	7.5		A	A		400693 DW1
2	6" well	0730	S	N/A	7.5		A	A		DW2
3	Keaton Beach		D		7.5		A	A		DW3
4	Cedar Island	07:50	D		7.5		A	A		DW4

Average of disinfectant residuals for distribution routine and repeat samples[5]: _____

[5]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other: _____

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☒ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards and the results relate only to the samples.

Date & time PWS notified by lab of positive results: _____

Date & time DEP/DOH notified by lab of positive results: _____

Date Report Issued: 5.17.19

Lab Signature: Donna Boggs

Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY

☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required

Date Reviewed by DEP/DOH: _____

DEP/DOH Reviewing Official: _____

[1]DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special [illegible]

[4]Defined in Florida Administrative Code Rule 62-160, Table I

PICK UP

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

62-550.730 Reporting Format. Effective 01/05. Revised 02/2010)

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 403909 DW 1-4 Subcontract Lab ID: _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci

☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 6-20-19 / 1040

Analysis Date & Time: 6-20-19 / 1300

Sample Acceptance Criteria:

Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ 6 °C

Disinfectant Check: ☐ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements:

_____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District **PWS I.D.#** 2624165

PWS Address 18820 Beach Road City Perry, Fl 32348

PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043

Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)

☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)

☑ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☒ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 06/20/19

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☐ ~~SOLITAC~~ ☑ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q[+]	Lab Sample#
1	Dekle	0740	D	1.0	7.5		A	A		DW1
2	Dark Island	0800	D	1.0	7.5		A	A		2
3	6" well	0818	S	N/A	7.5		A	A		3
4	8" well	0810	S	N/A	7.5		A	A		4

Average of disinfectant residuals for distribution routine and repeat samples[5]:

[5]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☑ DPD Colorimetric ☐ Other: _____

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☑ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date & time PWS notified by lab of positive results: _____

Date & time DEP/DOH notified by lab of positive results: _____

Date Report Issued: 6.21.19

Lab Signature: _____

Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY

☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required

Date Reviewed by DEP/DOH: _____

DEP/DOH Reviewing Official: _____

[1]DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)
[5]Defined in Florida Administrative Code Rule 62-160, Table I

DRINKING WATER MICROBIAL SAMPLE COLLECTION
& LABORATORY REPORT FORMAT

PICK UP

FLOWERS CHEMICAL LABORATORIES, CORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone/fax: 850-973-6878

FLDOH Lab Certification #E82405

Report Number: 406900 Dw 1-4 Subcontract Lab ID: _____

Analysis Requested: (check all that apply then circle appropriate selection below)
☒ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci
☐ Coliphage ☐ HPC ☐ Other: _____

Lab Receipt Date & Time: 7-18-19 / 1045
Analysis Date & Time: 7-18-19 / 1300
Sample Acceptance Criteria:
Sample Preservation: ☒ On Ice ☐ Not On Ice ☐ 6 C
Disinfectant Check: ☒ Not Detected ☐ _____ mg/L
This sample does not meet the following NELAC requirements: _____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer District PWS I.D.# 2624165
PWS Address 18820 Beach Road City Perry Fl 32348
PWS or PWS Owner's Phone # WTP (850)578-2080 Office (850) 578-3043 Fax # (850)578-3043
Collector: Ron Bennett Collector's Phone # (850)843-7621

Type of Supply (check only one)
☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)
☒ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 07/18/2019

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method ☐ - ☒ SM9223B - Colilert				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type*	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	Well 8"	0835	S		7.5		A	A		Dw 1
2	Well 6"	0830	S		7.5		A	A		2
3	Dekle Beach	0745	D	1.4	7.5		A	A		3
4	Dark Island	0800	D		7.5		A	A		4

Average of disinfectant residuals for distribution routine and repeat samples*:
Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.
Free chlorine or Total chlorine (circle one).
Disinfectant Residual Analysis Method: ☒ DPD Colorimetric ☐ Other _____
Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☒ A certified operator # 21427 ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards and the results relate only to the samples.
Date & time PWS notified by lab of positive results: _____
Date & time DEP/DOH notified by lab of positive results: _____
Date Report Issued: 7.19.19
Lab Signature: Amy Popscano
Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District
18820 Beach Rd
Perry, Fl 32348

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required
Date Reviewed by DEP/DOH: _____
DEP/DOH Reviewing Official: _____

DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)
*Defined in Florida Administrative Code Rule 62-550, Table I. ...mNorth2015.doc

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

PICK UP

(62-550) 730 Reporting Format Effective 01/95, Revised 02/2010

FLOWERS CHEMICAL LABORATORIES INCORPORATED

812 SW Harvey Greene Dr., Madison, FL 32340
Phone: (850)-973-6878 Fax: (850)253-2671

FLDOH Lab Certification #E82405

Report Number: 409720 DW 1-4 Subcontract Lab ID: _____

Analysis Requested (check all that apply)
☐ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci
☐ Other: _____

Lab Receipt Date & Time: 8-15-19 / 1050

Analysis Date & Time: 8-15-19 / 1400

Sample Acceptance Criteria:
Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ 6 °C
Disinfectant Check: ☐ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements:
_____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer Dist **PWS I.D.** 2624165

PWS Address 18820 Beach road City Perry FLA- 32348

PWS or PWS Owner's Phone # 850 578 3043 Fax # 850 578 3043

Collector: Ron Bennett Collector's Phone # 850 843 7621

Type of Supply (check only one)
☑ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)
☑ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 8-15-19

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☐ SM9223B - Colilert-18				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q[4]	Lab Sample#
1	Keaton Beach	0730	D	1.2	7.5		A	A		DW 1
2	Sawgrass Bay Est.	0745	D	1.2			A	A		DW 2
3	PUMP 8		S	N/A			A	A		DW 3
		0805								
4	PUMP 6	0800	S	N/A			A	A		DW 4

Average of disinfectant residuals for distribution routine and repeat samples[5]:

[5]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☐ DPD Colorimetric ☐ Other: _____

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH
☐ A certified operator # _____ ☐ Employed by a certified lab
☐ Supervised by cert operator # _____ ☐ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date & time PWS notified by lab of positive results: _____

Date & time DEP/DOH notified by lab of positive results: _____

Date Report Issued: 8.16.19

Lab Signature: Donna Bugg

Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

Taylor Coastal Water & Sewer District.
18820 Beach Rd Perry FLA 32348

TCWSD@fairpoint.net

DEP/DOH USE ONLY
☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required

Date Reviewed by DEP/DOH: _____

DEP/DOH Reviewing Official: _____

[3]DEP Sample Type Codes: D = Distribution (Routine Compliance); C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)

[4]Defined in Florida Administrative Code Rule 62-160, Table 1

,KING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORT FORMAT

62-550.730 Reporting Format. Effective 01/95, Revised 02/2010

PICK UP

FLOWERS CHEMICAL LABORATORIES INCORPORATED
812 SW Harvey Greene Dr., Madison, FL 32340
Phone: (850)-973-6878 Fax: (850)253-2671

FLDOH Lab Certification #E82405

Report Number: 4/3072 DW 1-4 Subcontract Lab ID: _____

Lab Receipt Date & Time: 9/19/19 1100

Analysis Date & Time: 9/19/19 1630

Sample Acceptance Criteria:

Sample Preservation: ☑ On Ice ☐ Not On Ice ☐ 7 °C

Disinfectant Check: ☐ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements: _____

Analysis Requested (check all that apply)

☑ Total Coliform/*E. coli* ☐ Total Coliform/Fecal ☐ Enterococci

☐ Other: _____

Public Water System (PWS) Name: Taylor Coastal Water & Sewer Dist **PWS I.D.** 2624165

PWS Address 18820 Perry FLA City Perry

PWS or PWS Owner's Phone # 850 578 3043 Fax # 850 578 3043

Collector: Ron Bennett Collector's Phone # 850 843 7621

Type of Supply (check only one)

☑ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System

☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other _____

Reason for Sampling: (check all that apply)

☐ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey

☐ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other _____

Sample Collection Date: 9-19-19

A = Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count

To be completed by collector of sample						To be completed by lab				
						Method: ☑ SM9223B - Colilert-18				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type[1]	Disinfect Res'd (mg/L)	pH	Non Coliform	Total Coliform	E. coli or Enterococci	Q*	Lab Sample#
1	8" Well	0800	S	N/A	7.5		A	A		DW 1
2	6" Well	0830	S	N/A			A	A		2
3	CEDAR FSWD	0817	D	2.0			A	A		3
4	Ezell Beach	0825	D	2.0			A	A		4

Average of disinfectant residuals for distribution routine and repeat samples[5]: _____

[5]Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: ☐ DPD Colorimetric ☐ Other: _____

Person performing disinfectant analysis is: ☐ Employed by DEP or DOH ☐ Employed by a certified lab

☐ A certified operator # _____ ☐ Authorized representative of water supplier

☐ Supervised by cert operator #

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date & time PWS notified by lab of positive results: _____

Date & time DEP/DOH notified by lab of positive results: _____

Date Report Issued: 9.20.19

Lab Signature: _____

Title: Technical Director or Lab Designee

Name and Mailing Address of Person to Receive Report

TCWSO@FairPoint.net

DEP/DOH USE ONLY

☐ Satisfactory
☐ Incomplete Collection Information
☐ Repeat Samples Required
☐ Replacement Samples Required

Date Reviewed by DEP/DOH: _____

DEP/DOH Reviewing Official: _____

[1]DEP Sample Type Codes: D = Distribution (Routine Compliance), C = Repeat or Check; R = Raw; N = Entry to Distribution; P = Plant Tap; S = Special (clearance, etc.)

[4]Defined in Florida Administrative Code Rule 62-160, Table I

Appendix D

2019 TCWSD Financial Audit and Profit & Loss Report

TAYLOR COASTAL WATER AND SEWER DISTRICT

ANNUAL FINANCIAL REPORT

For the Fiscal Year Ended September 30, 2019

TAYLOR COASTAL WATER AND SEWER DISTRICT

ANNUAL FINANCIAL REPORT

For the Fiscal Year Ended September 30, 2019

TABLE OF CONTENTS

INTRODUCTORY SECTION

TAYLOR COASTAL WATER AND SEWER DISTRICT

LIST OF PRINCIPAL OFFICIALS

September 30, 2019

CHAIRMAN	Lynn Aibejeris
VICE CHAIRMAN	Gennie Malone
SECRETARY	Lynette Senter
COMMISSIONERS	Diane Carlton Steve Spradley Steve Brown Willie Huxford
DISTRICT ATTORNEY	Mike Smith

FINANCIAL SECTION

Powell & Jones
Certified Public Accountants

Richard C. Powell, Jr., CPA
Marian Jones Powell, CPA

1359 S.W. Main Blvd.
Lake City, Florida 32025
386 / 755-4200
Fax: 386 / 719-5504
admin@powellandjonescpa.com

INDEPENDENT AUDITOR'S REPORT

To the Board of Commissioners
Taylor Coastal Water and Sewer District
Perry, Florida

Report on the Financial Statements

We have audited the accompanying financial statements of the business-type activities of Taylor Coastal Water and Sewer District (the District), as of and for the year ended September 30, 2019, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities of the Taylor Coastal Water and Sewer District, as of September 30, 2018, and the respective changes in financial position, and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and pension schedules listed in the table of contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Taylor Coastal Water and Sewer District's basic financial statements. The schedule of expenditures of federal awards and state financial assistance is presented for purposes of additional analysis and is not a required part of the basic financial statements.

The schedule of expenditures of federal awards is the responsibility of management and was derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated March 31, 2020, on our consideration of the Taylor Coastal Water and Sewer District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Taylor Coastal Water and Sewer District's internal control over financial reporting and compliance.

Report on Summarized Comparative Information

We have previously audited Taylor Coastal Water and Sewer District's 2018 financial statements, and our report dated June 3, 2019, expressed an unmodified opinion on those audited financial statements. In our opinion, the summarized comparative information presented herein as of and for the year ended September 30, 2018, is consistent, in all material respects, with the audited financial statements from which it has been derived.

Powell & Jones

POWELL & JONES
Certified Public Accounts
March 31, 2020

TAYLOR COASTAL WATER AND SEWER DISTRICT

Management's Discussion and Analysis

September 30, 2019

The management of the Taylor Coastal Water and Sewer District (the District) offers readers of our financial statements the following narrative overview and analysis of our financial activities for the year ended September 30, 2019.

Basic Financial Statements

Our basic financial statements are prepared using proprietary fund (enterprise fund) accounting principles which is the same basis of accounting as private-sector business enterprises. The District is operated under one enterprise fund. Under this method of accounting, an economic resources measurement focus and the accrual basis of accounting is used.

Revenue is recorded when earned and expenses are recorded when incurred. The basic financial statements include a statement of net position, a statement of revenues, expenses and changes in net position, and a statement of cash flows. These are followed by notes to the financial statements.

The statement of net position presents information on the District's assets and liabilities, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating.

The statement of revenues, expenses and changes in net position reports the operating revenues and expenses and nonoperating revenues and expenses of the District for the fiscal year with the difference - the net income or loss - being combined with any capital grants to determine the net change in assets for the fiscal year. That change combined with the net position at the end of the previous year total to the net position at the end of the current fiscal year.

The statement of cash flows reports cash and cash equivalent activities for the fiscal year resulting from operating activities, capital and related financing activities, noncapital and related financing activities and investing activities. The net result of these activities added to the beginning of the year cash balance total to the cash and cash equivalent balance at the end of the current fiscal year.

Condensed Financial Information

Condensed financial information from the statements of net position at September 30, 2019 and 2018, and revenues, expenses and changes in net position for the years then ended, follows:

TAYLOR COASTAL WATER AND SEWER DISTRICT
CONDENSED STATEMENT OF NET POSITION
September 30, 2019
(With Summarized Financial Information for September 30, 2018)

	September 30,	
Net position	2019	2018
Current and other assets	$ 1,223,600	$ 1,087,018
Capital assets, net	4,417,849	4,632,216
Total assets	5,641,449	5,719,234
Deferred outflows	27,344	43,942
Current liabilities	105,720	75,142
Long-term liabilities	1,323,988	1,396,358
Total liabilities	1,429,708	1,471,500
Deferred inflows	40,277	14,272
Net position:		
Invested in capital assets, net of related debt	3,163,310	3,349,133
Restricted	898,820	828,245
Unrestricted	136,678	100,026
Total net position	$ 4,198,808	$ 4,277,404

	For the Fiscal Year Ended September 30,	
Change in net position	2019	2018
Operating revenue:		
Revenue from water and sewer services	$ 576,001	$ 593,232
Miscellaneous	10,243	$ -
Total operating revenues	586,244	593,232
Operating expenses:		
Personnel services	145,312	165,035
Operating expenses	385,927	381,776
Total operating expenses, excluding depreciation	531,239	546,811
Depreciation	252,656	242,452
Total operating expenses, including depreciation	783,895	789,263
Operating loss	(197,651)	(196,031)
Net nonoperating revenue (expense)	(49,736)	(53,710)
Loss before capital contributions	(247,387)	(249,741)
Customer grinder pump contributions	78,000	42,000
FEMA grant revenue	90,791	243,112
EPA grant revenue	-	140,635
Change in net position	(78,596)	176,006
Beginning of year net position	4,277,404	4,101,398
End of year net position	$ 4,198,808	$ 4,277,404

During the year ended September 30, 2019, net position decreased by $78,596, due to less grant revenue than the prior year.

Capital Assets and Debt Administration

Capital Assets

At September 30, 2019, the District had $4.4 million invested in capital assets, consisting primarily of its water supply system and sewer system.

Capital Assets at September 30, 2019 and 2018

	2019	2018
Land	$ 279,337	$ 279,337
Construction in progress	77,146	-
Buildings and improvements	8,066,666	8,096,439
Equipment	162,121	171,205
	8,585,270	8,546,981
Accumulated depreciation	(4,167,421)	(3,914,765)
Capital assets, net	$ 4,417,849	$ 4,632,216

Debt Outstanding

At year-end, the District had $1,241,442 in revenue bonds outstanding versus $1,266,209 last year. The decrease of $24,767 is due to the District making scheduled payments on the revenue bonds.

Financial Contact

The District's financial statements are designed to present users (citizens, taxpayers, customers, and creditors) with a general overview of the District's finances and to demonstrate the District's accountability. If you have questions about the report or need additional financial information, please contact the District's Office Manager at 18820 Beach Road, Perry, Florida 32348.

BASIC FINANCIAL STATEMENTS

TAYLOR COASTAL WATER AND SEWER DISTRICT
STATEMENT OF NET POSITION
September 30, 2019
(With Summarized Financial Information for September 30, 2018)

	2019	2018
ASSETS		
Current Assets		
Cash	$ 1,185,971	$ 974,736
Inventory of supplies	27,083	48,613
Accounts receivable, net	817	57,171
Prepaid expenses	9,729	6,498
Total current assets	1,223,600	1,087,018
Capital Assets		
Land	279,337	279,337
Construction in progress	77,146	-
Buildings and improvements	88,485	80,190
Water system	1,305,037	1,337,425
Sewer system	6,673,144	6,678,824
Machinery and equipment	162,121	171,204
	8,585,270	8,546,980
Accumulated depreciation	(4,167,421)	(3,914,765)
Total capital assets, net of accumulated depreciation	4,417,849	4,632,215
Total assets	5,641,449	5,719,234
DEFERRED OUTFLOWS OF RESOURCES	27,344	43,942
LIABILITIES		
Current liabilities		
Accounts payable	1,459	9,183
Accrued liabilities	16,617	33,234
Accrued interest payable	58,977	4,698
Current portion of long-term debt	28,667	28,027
Total current liabilities	105,720	75,142
Long-term Liabilities		
Retirement payable	1,165	1,279
Contract payable	16,000	18,754
Pension liability	80,951	121,269
CSB notes payable	9,197	13,081
2005A Revenue Bonds payable	317,495	325,015
2005B Revenue Bonds payable	538,000	550,000
2011A Revenue Bonds payable	361,180	366,960
Total long-term liabilities	1,323,988	1,396,358
Total liabilities	1,429,708	1,471,500
DEFEERED INFLOWS OF RESOURCES	40,277	14,272
NET POSITION		
Invested in capital assets, net of related debt	3,163,310	2,121,215
Restricted for debt service	109,306	92,102
Restricted for system expansion	789,514	736,143
Unrestricted	136,678	1,327,944
Total net position	$ 4,198,808	$ 4,277,404

TAYLOR COASTAL WATER AND SEWER DISTRICT
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
For the Fiscal Year Ended September 30, 2019
(With Summarized Financial Information for the Fiscal Year Ended September 30, 2018)

	2019	2018
OPERATING REVENUES		
Water services	$ 267,138	$ 264,332
Sewer services	290,529	290,444
Connection fees	14,900	14,078
Penalties	3,435	4,045
Miscellaneous	10,243	20,333
Total operating revenues	586,244	593,232
OPERATING EXPENSES		
Personnel services	145,312	165,035
Operating expenses	385,927	381,776
Depreciation	252,656	242,452
Total operating expenses	783,895	789,263
Operating loss	(197,651)	(196,031)
NONOPERATING REVENUES (EXPENSES)		
Interest revenue	4,543	2,537
Interest expense	(54,279)	(56,247)
Total nonoperating revenues (expenses)	(49,736)	(53,710)
Loss before capital contributions	(247,387)	(249,741)
CAPITAL CONTRIBUTIONS		
Grinder pump contributions	78,000	42,000
DEP grant revenue	-	38,250
EPA grant revenue	-	102,385
FEMA grant revenue	90,791	242,112
Total capital contributions	168,791	425,747
Change in net position	(78,596)	176,006
Net position at beginning of year	4,277,404	4,101,398
Net position at end of year	$ 4,198,808	$ 4,277,404

TAYLOR COASTAL WATER AND SEWER DISTRICT
STATEMENT OF CASH FLOWS
For the Fiscal Year Ended September 30, 2019
(With Summarized Financial Information for the Fiscal Year Ended September 30, 2018)

	2019	2018
Cash flows from operating activities:		
Cash received from customers	$ 660,897	$ 717,996
Cash payments to suppliers for goods and services	(385,116)	(576,834)
Cash payments for employee services	(145,312)	(152,668)
Net cash provided (used) by operating activities	130,469	(11,506)
Cash flows from capital and related financing activities:		
Additions to capital assets	(38,290)	(142,407)
Capital grants	90,791	556,056
Grinder pump contributions	78,000	42,000
Interest paid on debt	(54,279)	(56,247)
Net cash provided by capital and related financing activities	76,222	399,401
Cash flows from investing activities:		
Investment proceeds	4,543	2,537
Net cash provided by investing activities	4,543	2,537
Net increase in cash and cash equivalents	211,235	390,432
Cash and cash equivalents, beginning of year	974,736	584,303
Cash and cash equivalents, end of year	$ 1,185,971	$ 974,736
Reconciliation of operating loss to net cash provided by operating activities:		
Operating gain (loss)	$ (197,651)	$ (278,483)
Adjustments to reconcile operating gain to net cash provided by operating activities:		
Depreciation	252,656	242,452
(Increase) decrease in current assets:		
Customer and grant receivables	56,354	154,724
Inventories	21,530	(8,436)
Deferred outflows	16,598	3,202
Prepaid expenses	(3,231)	(1,192)
Increase (decrease) in current liabilities:		
Accounts payable	(7,724)	(35,995)
Deferred inflows	26,005	(2,286)
Pension liability	(40,318)	(74,423)
Accrued liabilities	6,250	(11,068)
Net cash provided by operating activities	$ 130,469	$ (11,506)

NOTE 1. DESCRIPTION OF ENTITY

Description of Operations

The Taylor Coastal Water and Sewer District (the District) is a special district unit of government created by Ordinance 2000-10 on October 2, 2000, by the Board of County Commissioners of Taylor County, Florida. The purpose of the District is to acquire, construct, operate and maintain a water and sewer system to serve unincorporated areas of Taylor County and other customers and users as the District may determine. The initial Commissioners of the District were the governing board of Taylor Coastal Utilities, Inc., a not-for-profit entity located in Taylor County, Florida. The initial water and sewer system was operated and maintained by Taylor Coastal Utilities, Inc. The District is involved in a large sewer project to include areas of unincorporated Taylor County, Florida. On July 3, 2003, the entire existing water system operated and maintained by Taylor Coastal Utilities, Inc. was transferred by bill of sale, warranty deed and assignment of easements to the District for a sum of $10. The District currently serves approximately 507 water customers, 487 of which also receive sewer service.

Reporting Entity

In evaluating how to define the District, for financial reporting purposes, management has considered all potential component units. The decision to include a potential component unit in the reporting entity was made by applying the criteria set forth in GAAP. The basic, but not the only, criterion for including a potential component unit within the reporting entity is the governing body's ability to exercise oversight responsibility. The most significant manifestation of this ability is financial interdependency. Other manifestations of the ability to exercise oversight responsibility include, but are not limited to, the selection of governing authority, the designation of management, the ability to significantly influence operations, and accountability for fiscal matters. A second criterion used in evaluating potential component units is the scope of public service. Application of this criterion involves considering whether the activity benefits the government and/or its citizens, or whether the activity is conducted within the geographic boundaries of the government and is generally available to its citizens. A third criterion used to evaluate potential component units for inclusion or exclusion from the reporting entity is the existence of special financing relationships, regardless of whether the government is able to exercise oversight responsibilities. Based upon the application of these criteria, management determined that no potential component units existed which should be included within the reporting entity.

The District is a component unit of Taylor County, Florida. It is legally separate from other Taylor County agencies, but its governing body is appointed by the Taylor County Board of County Commissioners.

NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

a. Basis of Presentation and Accounting

The District's basic financial statements are presented on the accrual basis of accounting and conform to accounting principles generally accepted in the United States of America. The District has elected under GASB Statement No. 20, *Accounting and Financial Reporting for Proprietary Funds and Other Governmental Activities That Use Proprietary Fund Accounting*, to apply all applicable GASB pronouncements as well as any applicable pronouncements of the Financial Accounting Standards Board, or any Accounting Research Bulletins issued on or before November 30, 1989, unless these pronouncements conflict with or contradict GASB pronouncements.

The accounts of the District are organized on the basis of a proprietary fund type, specifically an enterprise fund. The activities of this fund are accounted for with a separate set of self-balancing accounts that comprise the District's assets, liabilities, net position, revenues and expenses. Enterprise funds account for activities (i) that are financed with debt that is secured solely by a pledge of the net revenues from fees and charges of the activity; or (ii) that are required by laws or regulations that the activity's costs of providing services, including capital costs (such as depreciation or debt service), be recovered with fees and charges, rather than with taxes or similar revenues; or (iii) that the pricing policies of the activity establish fees and charges designed to recover its costs, including capital costs (such as depreciation or debt service).

The accounting and financial reporting treatment applied to the District is determined by its measurement focus. The transactions of the District are accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets and all liabilities associated with the operations are included on the statements of net position. Net position (i.e., total assets net of total liabilities) are segregated into invested in capital assets, net of related debt; restricted for debt service; and unrestricted components.

Management of the District has made certain estimates and assumptions relating to the reporting of assets and liabilities and revenues and expenses to prepare these financial statements in conformity with generally accepted accounting principles. Actual results may differ from those estimates.

b. Cash Equivalents and Investments

The District considers all highly liquid investments (including restricted cash and investments) with maturities of three months or less when purchased to be cash equivalents. This includes bank certificates of deposit.

Investments are presented at fair value. Short-term investments generally mature or are otherwise available for withdrawal in less than one year. Restricted investments, which consist primarily of U.S. government securities designated for specific projects and required to be segregated pursuant to debt covenants, and restricted cash, which consists of a money market account, and is presented as restricted cash.

c. Material and Supplies

Materials and supplies inventory consist principally of spare parts that are recorded and expensed when purchased. Year end inventory is recorded at weighted average cost.

d. Capital Assets

The cost of additions to the utility plant and major replacements of retired units of property is capitalized. The District defines capital assets as assets with an initial, individual cost of more than $500 and an estimated useful life in excess of two years. Cost includes direct labor, outside services, materials and transportation, employee fringe benefits, overhead, and interest on funds borrowed to finance construction. The District did not capitalize interest during the current fiscal year. As applicable in a fiscal year, the cost and accumulated depreciation of property sold or retired is deducted from capital assets, and any profit or loss resulting from the disposal is credited or charged in the nonoperating section of the statements of revenues, expenses and changes in net position. The cost of current repairs, maintenance, and minor replacements is charged to expense.

Depreciation has been provided over estimated useful lives of the assets using the straight-line method. The estimated useful lives are as follows:

Structures, pumps and other improvements	20 – 30 years
Office furniture, fixture and equipment	7 years

e. Long-Term Debt and Issuance Costs

Long-term debt is reported at face value, net of applicable discounts and deferred loss on refunding. Costs related to the issuance of debt are deferred and amortized over the lives of the various debt issues. Losses occurring from advance refundings of debt are deferred and amortized as interest expense over the remaining life of the old bonds, or the life of the new bonds, whichever is shorter.

f. Operating Revenues and Expenses

Operating revenues and expenses consist of those revenues that result from the ongoing principal operations of the District. Operating revenues consist primarily of charges for services. Nonoperating revenues and expenses consist of those revenues and expenses that are related to financing and investing type of activities and result from nonexchange transactions or ancillary activities. When an expense is incurred for purposes for which there are both restricted and unrestricted net position available, it is the District's policy to apply those expenses to restricted net position to the extent such are available and then to unrestricted net position.

g. Net Position

Net position comprises the various net earnings from operating income, nonoperating revenues and expenses, and capital contributions. Net position is classified in the following three components:

Invested in capital assets, net of related debt - This component of net position consists of capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes or other liabilities that are attributable to the acquisition, construction or improvement of those assets. If there are significant unspent related debt proceeds at year-end, the portion of the debt attributable to the unspent proceeds is not included in the calculation of invested in capital assets, net of related debt. Rather, that portion of the debt is included in the same net position component as the unspent proceeds.

Restricted - This component of net position consists of constraints imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.

Unrestricted net position - This component of net position consists of net position that does not meet the definition of "restricted" or "invested" in capital assets, net of related debt."

NOTE 3. CASH

a. Cash

Cash is presented on the accompanying statements of net position as of September 30, 2019, as follows:

Cash and cash equivalents	$ 1,185,971
Total cash and equivalents	$ 1,185,971

b. Deposits

The financial institution in which the District's monies are deposited is certified as a "Qualified Public Depository," as required under the Florida Security for Public Deposits Act. This law requires every qualified public depository to deposit with the State Treasurer eligible collateral equal to or in excess of an amount to be determined by the State Treasurer. Therefore, the District's total deposits are insured by the Florida Depository Insurance Corporation and the Bureau of Collateral Securities, Division of Treasury, State Department of Insurance. The law requires the State Treasurer to ensure that funds are entirely collateralized throughout the fiscal year.

Section 218.415, *Florida Statutes*, authorizes the District to invest in the Local Government Surplus Funds Trust, direct obligations of the United States Government, obligations unconditionally guaranteed by the United States, time deposits and savings accounts of Florida Qualified Depositories, and Securities and Exchange Commission restricted money market funds with the highest credit quality rating from a nationally recognized rating agency. At year end, the District's invested funds were in a certificate of deposit at the "Qualified Public Depository" described above.

For financial reporting purposes, investments are categorized to give an indication of the level of custodial credit risk assumed by the District at year-end. Category 1 includes investments that are insured or registered, or for which the securities are held by the District or its agent in the District's name. At year end the District's investments was classified as Category 1.

NOTE 4. CUSTOMER AND OTHER ACCOUNTS RECEIVABLE

Customer and other accounts receivables were as follows:

Utility services accounts	$ 817
Net	$ 817

Based upon collection history, the District has determined an allowance for doubtful accounts is not required for these receivables.

NOTE 5. CAPITAL ASSETS

Capital asset activity for the fiscal year ended September 30, 2019, follows:

	Balance Sept. 30, 2018	Reclassification Increases	Reclassification Decreases	Balance Sept. 30, 2019
Capital assets, not being depreciated:				
Land	$ 279,337	$ -	$ -	$ 279,337
Construction in progress	-	77,146	-	77,146
Total capital assets not being depreciated:	279,337	77,146	-	356,483
Capital assets, being depreciated:				
Water system	1,337,424	-	(32,388)	1,305,036
Sewer system	6,678,824	-	(5,680)	6,673,144
District building	80,192	8,293	-	88,485
Equipment	171,204	-	(9,083)	162,121
	8,267,644	8,293	(47,151)	8,228,786
Less: accumulated depreciation	(3,914,765)	-	(252,656)	(4,167,421)
Total capital assets being depreciated	4,352,879	8,293	(526,310)	4,061,365
Total capital assets	$ 4,632,216	$ 85,439	$ (526,310)	$ 4,417,849

Depreciation for the year was $252,656.

On June 22, 2012, the District was granted approximately twelve acres of land from the Suwannee River Water Management District. The deed of conveyances requires the property to be exclusively used as a wellfield and to house the District's offices, and contains a reverter clause if those uses are not maintained.

NOTE 6. ACCOUNTS PAYABLE AND ACCRUED EXPENSES

Accounts payable and accrued expenses were as follows:

Contractors and vendors	$ 18,076
Accrued interest	58,977
Total	$ 77,053

NOTE 7. LONG-TERM DEBT

Revenue Bonds - The District has issued bonds where the income derived from the acquired constructed assets is pledged to pay debt service. The following revenue bonds were outstanding at September 30, 2019:

Water and Sewer System Revenue Bonds, Series 2005A - The District issued the 2005A Series Bonds to refinance debt previously owed to USDA Rural Development by the Taylor Coastal Utilities, Inc.

Revenues derived from the operation of the water and sewer system are pledged to service this debt. The outstanding balance at September 30, 2019, was $324,715. The Bond Certificates mature annually from September 1, 2008 through September 1, 2044. The interest rate on the certificates is 4.25%.

Water and Sewer System Revenue Bonds, Series 2005B - The District issued the 2005B Series Bonds to pay off the interim financing notes issued July 18, 2003. Revenues derived from the operation of the water and sewer system are pledged to service this debt. The outstanding balance at September 30, 2019, was $550,000. The Bond Certificates will mature annually from September 1, 2008 through September 1, 2044. The interest on the certificates is 4.25%.

Water and Sewer System Revenue Bonds, Series 2011A – The District issued the 2011A Series Bonds to refinance debt previously owed to Capital City Bank by the Taylor Coastal Water and Sewer District. Revenues derived from the operation of the water and sewer system are pledged to service this debt. The outstanding balance at September 30, 2019 was $366,727. The Bond certificates mature annually from September 1, 2011 through September 1, 2050. The interest rate on the certificates is 4.375%.

Reserve Account - A reserve account is required by the two bond issues to accumulate sufficient funds to be used for: (a) repair and replacement of the water and sewer systems due to catastrophe, (b) construction of improvements to increase net revenues, and (c) payment of any principal and interest if the funds of the debt service account are insufficient. A yearly set aside amount of $5,826 is to be made until a maximum reserve amount of $58,159 is accumulated for the Revenue Bonds. At September 30, 2019, $78,984 had been set aside in this reserve.

Revenue bond debt service requirements to maturity, including $871,895 of interest, are as follows:

Fiscal Year Ending September 30	Series 2005A	Series 2005B	Series 2011A	Total
2020	21,809	36,375	21,834	80,018
2021	21,469	35,823	21,834	79,126
2022	21,129	36,270	21,834	79,233
2023	21,789	35,675	21,834	79,298
2024	21,407	36,080	21,834	79,321
2025-2028	85,675	144,646	87,336	317,657
2029-2033	105,818	180,731	109,170	395,719
2034-2038	107,007	181,314	109,170	397,491
2039-2043	106,964	180,498	109,170	396,632
2044-2048	19,520	36,491	109,170	165,181
2049-2050	-		43,661	43,661
	532,587	903,903	676,847	2,113,337
Interest amount	(207,872)	(353,903)	(310,120)	(871,895)
Total	$ 324,715	$ 550,000	$ 366,727	$ 1,241,442

A schedule of changes in long-term debt follows:

	Balance October 1, 2018	Increase	Decrease	Balance September 30, 2019	Due Within One Year
Series 2005A	$ 331,935	$ -	$ (7,220)	$ 324,715	$ 7,220
Series 2005B	562,000	-	(12,000)	550,000	12,000
Series 2011A	372,274	-	(5,547)	366,727	5,547
CSB loan payable	16,874	-	(3,777)	13,097	3,900
Pension liability	121,269	-	(40,318)	80,951	-
	$ 1,404,352	$ -	$ (68,862)	$ 1,335,490	$ 28,667

NOTE 8. LONG-TERM CONTRACT PAYABLE

On July 5, 2002, Taylor Coastal Utilities, the predecessor entity, entered into a contract with a developer whereby the District would reimburse the developer $500 per water connection fee as vacant lots were sold. As of September 30, 2019, the District's liabilities to the developer were $16,000, representing 32 unsold lots with water service.

NOTE 9. CITIZENS STATE BANK COMMERICAL PROMISSORY NOTE

The District entered into a note on October 11, 2017 for the purchase of a 2017 Ford F-150. The note will be paid according to the following schedule: 59 consecutive payments of principal and interest in the amount of $386 per month. Interest will begin to accrue at the inception date of the note with fixed annual interest at 5.5%. The future minimum payments at September 30, 2019, are as follows:

September 30,	Principal	Interest	Minimum Payments
2020	$ 3,900	$ 732	$ 4,632
2021	4,234	398	4,632
2022	4,240	161	4,401
2023	723	368	1,091
	$ 13,097	$ 1,659	$ 14,756

NOTE 10. RISK MANAGEMENT

The District is exposed to various risks of loss related to torts, theft of, damage to and destruction of assets, errors and omissions; and natural disasters for which the District carries commercial insurance. Insurance against losses are provided for the following types of risk:

- Workers' Compensation and Employer's Liability
- General and Automobile Liability
- Real and Personal Property Damage
- Public Officials' Liability

NOTE 11. CONTINGENT LIABILITIES

Amounts received or receivable from grantor agencies are subject to audit and adjustment by grantor agencies, principally the State and Federal governments. Any disallowed claims, include amounts already collected, may constitute a liability of the applicable funds. The amount, if any, of expenditures which may be disallowed by the grantor cannot be determined at this time, although the District expects such amounts, if any, to be immaterial.

NOTE 12. COMPARATIVE DATA

Comparative total data for the prior year have been presented in the accompanying financial statements in order to provide an understanding of changes in the District's financial position and operations. However, comparative data and related disclosures have not been presented in all statements because their inclusion would make certain statements unduly complex and difficult to understand. Certain elements of the prior year data have been reclassified for comparability purposes.

NOTE 13. SUBSEQUENT EVENTS

In March 2020, the World Health Organization made the assessment that the outbreak of a novel coronavirus (COVID-19) was characterized as a pandemic. As a result, uncertainties have arisen that may have a significant negative impact on the operating activities and results of the Country. The occurrence and extent of such an impact will depend on future developments, including (i) the duration and spread of the virus, (ii) government quarantine measures, (iii) voluntary and precautionary restrictions on ravel or meetings, (iv)the effects on the financial markets, and (v) the effects on the economy overall, all of which are uncertain.

NOTE 14. RETIREMENT PLANS

Florida Retirement System:

General Information - All of the District's employees participate in the Florida Retirement System (FRS). As provided by Chapters 121 and 112, Florida Statutes, the FRS provides two cost sharing, multiple employer defined benefit plans administered by the Florida Department of Management Services, Division of Retirement, including the FRS Pension Plan ("Pension Plan") and the Retiree Health Insurance Subsidy ("HIS Plan"). Under Section 121.4501, Florida Statutes, the FRS also provides a defined contribution plan ("Investment Plan") alternative to the FRS Pension Plan, which is administered by the State Board of Administration ("SBA"). As a general rule, membership in the FRS is compulsory for all employees working in a regularly established position for a state agency, District government, district school board, state university, community college, or a participating city or special district within the State of Florida. The FRS provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. Benefits are established by Chapter 121, Florida Statutes, and Chapter 60S, Florida Administrative Code. Amendments to the law can be made only by an act of the Florida State Legislature.

The State of Florida annually issues a publicly available financial report that includes financial statements and required supplementary information for the FRS. The latest available report may be obtained by writing to the State of Florida Division of Retirement, Department of Management Services, P.O. Box 9000, Tallahassee, Florida 32315-9000, or from the Web site:

www.dms.myflorida.com/workforce_operations/retirement/publications.

Pension Plan

Plan Description – The Pension Plan is a cost-sharing multiple-employer defined benefit pension plan, with a Deferred Retirement Option Program ("DROP") for eligible employees.

Benefits Provided - Benefits under the Pension Plan are computed on the basis of age, average final compensation, and service credit. For Pension Plan members enrolled before July 1, 2011, Regular

class members who retire at or after age 62 with at least six years of credited service or 30 years of service regardless of age are entitled to a retirement benefit payable monthly for life, equal to 1.6% of their final average compensation based on the five highest years of salary, for each year of credited service. Vested members with less than 30 years of service may retire before age 62 and receive reduced retirement benefits. Special Risk Administrative Support class members who retire at or after age 55 with at least six years of credited service or 25 years of service regardless of age are entitled to a retirement benefit payable monthly for life, equal to 1.6% of their final average compensation based on the five highest years of salary, for each year of credited service. Special Risk class members (sworn law enforcement officers, firefighters, and correctional officers) who retire at or after age 55 with at least six years of credited service, or with 25 years of service regardless of age, are entitled to a retirement benefit payable monthly for life, equal to 3.0% of their final average compensation based on the five highest years of salary for each year of credited service. Senior Management Service class members who retire at or after age 62 with at least six years of credited service or 30 years of service regardless of age are entitled to a retirement benefit payable monthly for life, equal to 2.0% of their final average compensation based on the five highest years of salary for each year of credited service. Elected Officers' class members who retire at or after age 62 with at least six years of credited service or 30 years of service regardless of age are entitled to a retirement benefit payable monthly for life, equal to 3.0% (3.33% for judges and justices) of their final average compensation based on the five highest years of salary for each year of credited service.

For Plan members enrolled on or after July 1, 2011, the vesting requirement is extended to eight years of credited service for all these members and increasing normal retirement to age 65 or 33 years of service regardless of age for Regular, Senior Management Service, and Elected Officers' class members, and to age 60 or 30 years of service regardless of age for Special Risk and Special Risk Administrative Support class members. Also, the final average compensation for all these members will be based on the eight highest years of salary.

As provided in Section 121.101, Florida Statutes, if the member is initially enrolled in the Pension Plan before July 1, 2011, and all service credit was accrued before July 1, 2011, the annual cost-ofliving adjustment is three percent per year. If the member is initially enrolled before July 1, 2011, and has service credit on or after July 1, 2011, there is an individually calculated cost-of-living adjustment. The annual cost-of-living adjustment is a proportion of three percent determined by dividing the sum of the pre-July 2011 service credit by the total service credit at retirement multiplied by three percent. Plan members initially enrolled on or after July 1, 2011, will not have a cost-of-living adjustment after retirement.

In addition to the above benefits, the DROP program allows eligible members to defer receipt of monthly retirement benefit payments while continuing employment with a FRS employer for a period not to exceed 60 months after electing to participate. Deferred monthly benefits are held in the FRS Trust Fund and accrue interest. There are no required contributions by DROP participants

Contributions – Effective July 1, 2011, all enrolled members of the FRS, other than DROP participants, are required to contribute three percent of their salary to the FRS. In addition to member contributions, governmental employers are required to make contributions to the FRS based on state-wide contribution rates established by the Florida Legislature. These rates are updated as of July 1 of each year. The employer contribution rates by job class for the periods from October 1, 2018 through June 30, 2019 and from July 1, 2019 through September 30, 2019, respectively, were as follows: Regular—8.26% and 8.47%; Special Risk Administrative Support—34.98% and 38.59%; Special Risk—24.50% and 25.48%; Senior Management Service—24.06% and 25.41%; Elected Officers—48.70% and 48.82%; and DROP participants—14.03% and 14.60%. These employer contribution rates include 1.66% and 1.66% HIS Plan subsidy for the periods October 1, 2018 through June 30, 2019 and from July 1, 2019 through September 30, 2019, respectively.

The District's contributions, including employee contributions, to the Pension Plan totaled $8,128 for the fiscal year ended September 30, 2019.

Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions – At September 30, 2019, the District reported a liability of $54,425 for its proportionate share of the Pension Plan's net pension liability. The net pension liability was measured as of July 1, 2019, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of July 1, 2019. The District's proportionate share of the net pension liability was based on the District's 2018-19 fiscal year contributions relative to the 2017-2018 fiscal year contributions of all participating members. At June 30, 2019, the District's proportionate share was .000158035 percent, which was a decrease of .000102598 percent from its proportionate share measured as of June 30, 2018.

For the fiscal year ended September 30, 2019, the District recognized pension expense of $11,573. In addition, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

Description	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	$ 3,228	$ 34
Changes in assumptions	13,979	-
Net diffference between projected and actual earnings on Pension Plan investments	-	3,011
Changes in proportion and differences between Town Pension Plan contributions and proportionate share of contributions	1,869	18,584
Town Pension Plan contributions subsequent to the measurement date	1,844	-
Total	$ 20,920	$ 21,629

The deferred outflows of resources related to the Pension Plan, totaling $1,844 resulting from District contributions to the Plan subsequent to the measurement date, will be recognized as a reduction of the net pension liability in the fiscal year ended September 30, 2019. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to the Pension Plan will be recognized in pension expense as follows:

Fiscal Year Ending September 30,	
2020	$ (926)
2021	(279)
2022	(675)
2023	(509)
2024	(131)
Thereafter	(33)
	$ (2,553)

Actuarial Assumptions – The total pension liability in the June 30, 2019 actuarial valuation was determined using the following actuarial assumption, applied to all period included in the

measurement:

Inflation	2.60%
Salary increases	3.25% ,average, including inflation
Investment rate of return	6.90% ,net pension plan investment, including inflation

Mortality rates were based on the Generational RP-2000 with Projection Scale BB tables.

The actuarial assumptions used in the July 1, 2019, valuation were based on the results of an actuarial experience study for the period July 1, 2008 through June 30, 2013.

The long-term expected rate of return on Pension Plan investments was not based on historical returns, but instead is based on a forward-looking capital market economic model. The allocation policy's description of each asset class was used to map the target allocation to the asset classes shown below. Each asset class assumption is based on a consistent set of underlying assumptions and includes an adjustment for the inflation assumption. The target allocation and best estimates of arithmetic and geometric real rates of return for each major asset class are summarized in the following table:

Asset Class	Taget Allocation (1)	Annual Aritmetic Return	Compound Annual (Geometric Return)	Standard Deviation
Cash	1.00%	3.30%	3.30%	1.20%
Fixed income	18.00%	4.10%	4.10%	3.50%
Global equity	54.00%	8.00%	6.80%	16.50%
Real estate (property)	10.00%	6.70%	6.10%	11.70%
Pricate equity	11.00%	11.20%	8.40%	25.80%
Stategic investments	6.00%	5.90%	5.70%	6.70%
Total	100.00%			
Assumed inflation - Mean			2.60%	1.70%

(1) As outlined in the Pension Plan's investment policy

Discount Rate - The discount rate used to measure the total pension liability was 6.90%. The Pension Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the discount rate for calculation the total pension liability is equal to the long-term expected rate of return.

Sensitivity of the District's Proportionate Share of the Net Position Liability to Changes in the Discount Rate - The following represents the District's proportionate share of the net pension liability calculated using the discount rate of 6.90%, as well as what the District's proportionate share of the net pension liability would be if it were calculated using a discount rate that is one percentage point lower (5.90%) or one percentage point higher (7.90%) than the current rate:

	Decrease 5.90%	Current Discount Rate 6.90%	Increase 7.90%
District's proportionate share of the net pension liablility	$ 94,083	$ 54,425	$ 21,304

Pension Plan Fiduciary Net Position - Detailed information regarding the Pension Plan's fiduciary net position is available in the separately issued FRS Pension Plan and Other State-Administered Systems Comprehensive Annual Financial Report.

Payables to the Pension Plan - At September 30, 2019, the District reported a payable in the amount of $3,659 for outstanding contributions to the Pension Plan required for the fiscal year ended September 30, 2019.

HIS Plan

Plan Description – The HIS Plan is a cost-sharing multiple-employer defined benefit pension plan established under Section 112.363, Florida Statutes, and may be amended by the Florida legislature at any time. The benefit is a monthly payment to assist retirees of State-administered retirement systems in paying their health insurance costs and is administered by the Florida Department of Management Services, Division of Retirement.

Benefits Provided – For the fiscal year ended September 30, 2019, eligible retirees and beneficiaries received a monthly HIS payment of $5 for each year of creditable service completed at the time of retirement, with a minimum HIS payment of $30 and a maximum HIS payment of $150 per month. To be eligible to receive these benefits, a retiree under a State-administered retirement system must provide proof of health insurance coverage, which may include Medicare.

Contributions – The HIS Plan is funded by required contributions from FRS participating employers as set by the Florida Legislature. Employer contributions are a percentage of gross compensation for all active FRS members. For the fiscal year ended September 30, 2019, the HIS contribution for the period October 1, 2018 through June 30, 2019 and from July 1, 2019 through September 30, 2019 was 1.66% and 1.66%, respectively. The District contributed 100% of its statutorily required contributions for the current and preceding three years. HIS Plan contribution are deposited in a separate trust fund from which payments are authorized. HIS Plan benefits are not guaranteed and are subject to annual legislative appropriation. In the event legislative appropriation or available funds fail to provide full subsidy benefits to all participants, benefits may be reduced or cancelled.

The District's contributions to the HIS Plan totaled $2,183 for the fiscal year ended September 30, 2019.

Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions – At September 30, 2019, the District reported a liability of $26,526 for its proportionate share of the HIS Plan's net pension liability. The net pension liability was measured as of June 30, 2019, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of July 1, 2018. The District's proportionate share of the net pension liability was based on the District's 2018-19 fiscal year contributions relative to the 2017-18 fiscal year contributions of all participating members. At June 30, 2019, the District's proportionate share was .000237075 percent, which was an decrease of .000166976 percent from its proportionate share measured as of June 30, 2018.

For the fiscal year ended September 30, 2019, the District recognized pension expense of $37. In addition the District reported deferred outflows of resources and deferred in flows of resources related to pensions from the following sources:

Description	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	$ 322	$ 32
Changes in assumptions	3,071	2,168
Net difference between projected and actual earnings on HIS Plan investments	17	-
Changes in proportion and differences between Town HIS Plan contributions and proportionate share of contributions	2,504	16,448
Town HIS Plan contributions subsequent to the measurement date	510	-
Total	$ 6,424	$ 18,648

The deferred outflows of resources related to the HIS Plan, totaling $510 resulting from District contributions to the HIS Plan subsequent to the measurement date, will be recognized as a reduction of the net pension liability in the fiscal year ended September 30, 2019. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to the HIS Plan will be recognized in pension expense as follows:

Fiscal Year Ending September 30,	
2020	$ (5,427)
2021	(4,343)
2022	(2,377)
2023	1,726
2024	(314)
Thereafter	(1,999)
	$ (12,734)

Actuarial Assumptions – The total pension liability in the July 1, 2019, based upon an actuarial valuation on July 1, 2018, was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.60%
Salary increases	3.25% ,average, including inflation
Municipal bond rate	3.50%

Mortality rates were based on the Generational RP-2000 with Projection Scale BB tables.

The actuarial assumptions used in the July 1, 2018, valuation were based on the results of an actuarial experience study for the period July 1, 2008 through June 30, 2019.

Discount Rate - The discount rate used to measure the total pension liability was 3.50%. In general, the discount rate for calculating the total pension liability is equal to the single rate equivalent to discounting at the long-term expected rate of return for benefit payments prior to the projected depletion date. Because the HIS benefit is essentially funded on a pay-as-you-go basis, the depletion date is considered to be immediate, and the single equivalent discount rate is equal to the municipal bond rate selected by the HIS Plan sponsor. The Bond Buyer General Obligation 20-Bond Municipal Bond Index was adopted as the applicable municipal bond index.

Sensitivity of the District's Proportionate Share of the Net Position Liability to Changes in the Discount Rate - The following represents the District's proportionate share of the net pension liability calculated using the discount rate of 3.50%, as well as what the District's proportionate share of the net pension liability would be if it were calculated using a discount rate that is one percentage point lower (2.50%) or one percentage point higher (4.50%) than the current rate:

	Decrease 2.50%	Current Discount Rate 3.50%	Increase 4.50%
District's proportionate share of the net pension liablility	$ 30,281	$ 26,526	$ 23,399

Pension Plan Fiduciary Net Position - Detailed information regarding the HIS Plan's fiduciary net position is available in the separately issued FRS Pension Plan and Other State-Administered Systems Comprehensive Annual Financial Report.

Payables to the Pension Plan - At September 30, 2019, the District reported a payable in the amount of $736 for outstanding contributions to the HIS Plan required for the fiscal year ended September 30, 2019.

Investment Plan

The SBA administers the defined contribution plan officially titled the FRS Investment Plan. The investment Plan is reported in the SBA's annual financial statements and in the State of Florida Comprehensive Annual Financial Report.

As provided in Section 121.4501, Florida Statutes, eligible FRS members may elect to participate in the Investment Plan in lieu of the FRS defined benefit plan. District employees participating in DROP are not eligible to participate in the Investment Plan. Employer and employee contributions, including amounts contributed to individual member's accounts, are defined by law, but the ultimate benefit depends in part on the performance of investment funds. Benefit terms, including contribution requirements, for the Investment Plan are established and may be amended by the Florida Legislature. The Investment Plan is funded with the same employer and employee contribution rates that are based on salary and membership class (Regular Class, Elected District Officers, etc.), as the Pension Plan. Contributions are directed to individual member accounts, and the individual members allocate contributions and account balances among various approved investment choices. Costs of administering the Investment Plan, including the FRS Financial Guidance Program, are funded through an employer contribution of 0.04 percent of payroll and by forfeited benefits of plan members. Allocations to the investment member's accounts during the 2018-19 fiscal year, as established by Section 121.72, Florida Statutes, are based on a percentage of gross compensation, by class, as

follows: Regular class 3.30%, Special Risk Administrative Support class 3.30%, Special Risk class 11.00%, Senior Management Service class 4.95% and District Elected Officers class 8.34%.

For all membership classes, employees are immediately vested in their own contributions and are vested after one year of service for employer contributions and investment earnings. If an accumulated benefit obligation for service credit originally earned under the Pension Plan is transferred to the Investment Plan, the member must have the years of service required for Pension Plan vesting (including the service credit represented by the transferred funds) to be vested for these funds and the earnings on the funds. Non-vested employer contributions are placed in a suspense account for up to five years. If the employee returns to FRS-covered employment within the five-year period, the employee will regain control over their account. If the employee does not return within the five-year period, the employee will forfeit the accumulated account balance. For the fiscal year ended September 30, 2017, the information for the amount of forfeitures was unavailable from the SBA; however, management believes that these amounts, if any, would be immaterial to the District.

After termination and applying to receive benefits, the member may rollover vested funds to another qualified plan, structure a periodic payment under the Investment Plan, receive a lump sum distribution, leave the funds invested for future distribution, or any combination of these options. Disability coverage is provided; the member may either transfer the account balance to the Pension Plan when approved for disability retirement to receive guaranteed lifetime monthly benefits under the Pension Plan, or remain in the Investment Plan and rely upon that account balance for retirement income.

The District's had no pension expense for the Investment Plan for the fiscal year ended September 30, 2019.

REQUIRED SUPPLEMENTARY INFORMATION

REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULE OF TAYLOR COASTAL WATER AND SEWER DISTRICT PROPORTINATE SHARE OF NET PENSION LIABILITY

FLORIDA RETIREMENT SYSTEM AND HEALTH INSURANCE SUBSIDY PROGRAM

LAST 10 FISCAL YEARS*

	2019	2018	2017	2016	2015
City's proportion of the FRS net pension liability (asset)	0.000158035%	0.000260633%	0.000265166%	0.000272310%	0.000252002%
City's proportionate share of the FRS net pension liability (asset)	$ 54,425	$ 78,504	$ 78,461	$ 68,758	$ 32,549
City's proportion of the HIS net pension liability (asset)	0.000237075%	0.000404051%	0.000412866%	0.000423084%	0.000364239%
City's proportionate share of the HIS net pension liability (asset)	26,526	42,765	44,145	49,309	37,147
City's proportionate share of the total net pension liability (asset)	$ 80,951	$ 121,269	$ 122,606	$ 118,067	$ 69,696
City's covered-employee payroll	$ 122,941	$ 130,808	$ 132,618	$ 151,607	$ 135,891
City's proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll	65.85%	92.71%	92.45%	77.88%	51.29%
Plan fiduciary net position as a percentage of the total pension liability	78.22%	79.86%	83.89%	96.00%	96.00%

Note 1) The amounts presented for each year were determined as of the June 30 year end of the Florida Retirement System

*GASB 68 requires information for 10 years. However, until a full 10-year trend is compiled, only those years for which information is available is presented.

REQUIRED SUPPLEMENTARY INFORMATION
SCHEDULE OF TAYLOR COASTAL WATER SEWER DISTRICT CONTRIBUTIONS
FLORIDA RETIREMENT SYSTEM AND HEALTH INSURANCE SUBSIDY PROGRAM
LAST 10 FISCAL YEARS*

	2019	2018	2017	2016	2015
Contractually required FRS contribution	$ 6,932	$ 6,424	$ 9,440	$ 6,571	$ 5,857
Contractually required HIS contribution	3,379	3,131	4,601	3,202	2,854
Total Contractually Required Contributions	10,311	9,555	14,041	9,773	8,711
Contributions in relation to the contractually required contribution	(10,311)	(9,555)	(14,041)	(9,773)	(8,711)
Contribution deficiency (excess)	$ -	$ -	$ -	$ -	$ -
Administration's covered-employee payroll	$ 122,941	$ 130,808	$ 132,618	$ 151,607	$ 135,891
Contributions as a percentage of covered-emloyee payroll	8.39%	7.30%	10.59%	6.45%	6.41%

*GASB 68 requires information for 10 years. However, until a full 10-year trend is compiled, only those years for which information is available is presented.

NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION

Net Pension Liability

The components of the collective net pension liability of the participating employers for each defined benefit plan for the measurement date of September 30, 2019, are shown below (in thousands):

	FRS	HIS
Total Pension Liability	$ 198,012,334	$ 11,491,044
Plan fiduciary net position	(163,573,726)	(302,045)
Net Pension Liability	$ 34,438,608	$ 11,188,999
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	82.61%	2.63%

The total pension liability for each plan was determined by the plans' actuary and reported in the plans' valuations dated July 1, 2019. The fiduciary net position used by the actuary to determine the net pension liability (as shown above) was determined on the same basis used by the plan. The fiduciary net position is reported in the financial statements and the net pension liability is disclosed in the notes to the financial statements. Update procedures were not used.

The HIS actuarial valuation was prepared as of July 1, 2018, and update procedures were used to determine liabilities as of July 1, 2019. The fiduciary net position used by the actuary to determine the net pension liability (as shown above) was determined on the same basis used by the Plan. The fiduciary net position is reported in the financial statements and the net pension liability is disclosed in the notes to the financial statements.

Basis for Allocation

The employer's proportionate share reported in the pension allocation schedules was calculated using accrued retirement contributions related to the reporting periods included in the System's fiscal years ending June 30, 2016 through 2019, for employers that were members of the FRS and HIS during those fiscal years. For fiscal year 2019, in addition to contributions from employers the required accrued contributions for the Division (paid on behalf of the Division's employees who administer the Plans) were allocated to each employer on a proportionate basis. The Division administers the Plans, and therefore, cannot allocate a portion of the liability to itself. Although GASB 68 encourages the use of the employers' projected long-term contribution effort to the retirement plan, allocating on the basis of historical employer contributions is acceptable. The aggregate employer contribution amounts for each fiscal year agree to the employer contribution amounts reported in the system's CAFR for that fiscal year.

The proportion calculated based on contributions for each of the fiscal years presented in the pension allocation schedules was applied to the net pension liability and other pension amounts applicable for that fiscal year to determine each employer's proportionate share of the liability, deferred outflows of resources, deferred inflow of resources and associated pension expense.

For the purposes of the pension allocation schedules, pension amounts are allocated to reporting employers. The pension amounts of participating employers whose payrolls are reported and contributions are remitted by another entity are included in the reporting employer's amounts and will be allocated to the participating employer by the reporting employer.

Actuarial Methods and Assumptions

Actuarial assumptions for both cost-sharing defined benefit plans are reviewed annually by the Florida Retirement System Actuarial Assumptions Conference. The FRS Pension Plan has a valuation performed annually. The HIS Program has a valuation performed biennially that is updated for GASB reporting in the year a valuation is not performed. The most recent experience study for the FRS Pension Plan was completed in 2019 for the period July 1, 2013 through June 30, 2018. Because the HIS Program is funded on a pay-as-you-go basis, no experience study has been completed for that program. The actuarial assumptions that determined the total pension liability for the HIS Program were based on certain results of the most recent experience study for the FRS Pension Plan.

The total pension liability for each cost-sharing defined benefit plan was determined using the individual entry age actuarial cost method. Inflation increases for both Plans is assumed at 2.60%. Payroll growth, including inflation, for both Plans is assumed at 3.25%. The discount rate used for the FRS Pension Plan is 6.90% and the long-term expected rate of return used for FRS Pension Plan investments is 6.90%.

Because the HIS Program uses a pay-as-you-go funding structure, a municipal bond rate of 3.50% was used to determine the total pension liability for the program (Bond Buyer General Obligation 20-Bond Municipal Bond Index). Mortality assumptions for both Plans were based on the Generational RP-2000 with Projection Scale BB tables (refer to the valuation reports for more information – See Additional Financial and Actuarial Information).

The following changes in actuarial assumptions occurred in 2019:

FRS: The long-term expected rate of return was decreased from 7.00% to 6.90%, and the mortality assumptions was changed from Generational RP-2000 with Projection Scale BB tables to the PUB-2010 base table, projected generationally with Scale MP-2018.

HIS: The municipal bonds rate used to determine total pension liability was decreased from 3.87% to 3.50%.

COMPLIANCE SECTION

TAYLOR COASTAL WATER AND SEWER DISTRICT
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
For the Fiscal Year Ended September 30, 2019

Grantor/Program Title	CFDA #	Contract Number	Award Amount	Reported in Prior Years	Revenue Recognized	Expenditures
FEDERAL AWARDS						
NON MAJOR PROGRAMS						
U.S. Department of Homeland Security - Federal Emergency Management Agency passed through Florida Executive Office of the Governor	97.036	17-PA-W1-03-72-09-076	$ 829,888	$ 81,135	$ 90,791	$ 90,791
Total federl awards			$ 829,888	$ 81,135	$ 90,791	$ 90,791

See notes to the schedule of expenditures of federal awards.

TAYLOR COASTAL WATER AND SEWER DISTRICT

Notes to Schedule of Expenditures of Federal Awards

For the Fiscal Year Ended September 30, 2019

NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accounting policies and presentation of the Schedule of Expenditures of Federal Awards of the Taylor Coastal Water and Sewer District (the "District") have been designed to conform to generally accepted accounting principles as applicable to governmental units, including the reporting and compliance requirements of the Audits of States, Local Governments, and Non-Profit Organizations and Office of Management and Budget *Uniform Guidance*.

A. Reporting Entity

This reporting entity consists of the Taylor Coastal Water and Sewer District. The District includes a Schedule of Expenditures of Federal Awards in the compliance Section for the purpose of additional analysis.

B. Basis of Accounting

Basis of accounting refers to when revenues and expenditures or expenses are recognized in the accounts and reported in the financial statements. Basis of accounting relates to the timing of the measurements made, regardless of the measurement focus.

The accrual basis of accounting is followed in the Schedule of Expenditures of Federal Awards. Under the modified accrual basis, revenues are recognized when they become measurable and available. Revenues are considered to be available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the District considers revenues to be available if they are collected within 60 days after the end of the current fiscal period. Expenditures generally are recorded when a liability is incurred, as under accrual accounting.

INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

To the Board of Commissioners
Taylor Coastal Water and Sewer District

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities of Taylor Coastal Water and Sewer District, as of and for the year ended September 30, 2018, and the related notes to the financial statements, which collectively comprise Taylor Coastal Water and Sewer District's basic financial statements, and have issued our report thereon dated June 3, 2019.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered Taylor Coastal Water and Sewer District's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Taylor Coastal Water and Sewer District's internal control. Accordingly, we do not express an opinion on the effectiveness of Taylor Coastal Water and Sewer District's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or, significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, we identified the following deficiency in internal control over financial reporting that we consider to be a significant deficiency in internal control over financial reporting.

Finding 2010-1 (Excess of third consecutive year)
Financial Statement Preparation

A system of internal control over financial reporting includes controls over financial statement preparation, including footnote disclosures. While your auditor can assist with the preparation of your financial statements and related footnotes, the financial statements are the responsibility of management. A deficiency in internal control exists when the government does not have the expertise necessary to prevent, detect, and correct misstatements. A deficiency in internal control exists in instances where Taylor Coastal Water and Sewer District is not capable of drafting the financial statements and all required footnote disclosures in accordance with generally accepted accounting principles. Possessing suitable skill, knowledge, or experience to oversee services an auditor provides in

assisting with financial statement presentation requires a lower level of technical knowledge than the competence required to prepare the financial statements and disclosures.

MANAGEMENT'S RESPONSE

We agree with this finding. We are a very small government and have used our available resources to employ a competent bookkeeper who maintains excellent accounting records and provides accurate monthly financial reports prepared generally on the cash basis. We likewise have confidence in our audit firm to utilize these records and prepare annual financial statements in the required formats and with all associated note disclosures. Both staff and the Board of Commissioners review the annual financial reports and have the opportunity to ask the auditor any questions regarding the report prior to its formal presentation. The report is formally presented by the auditor at a scheduled meeting of the Board of Commissioners.

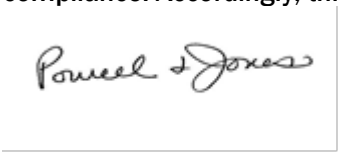
At this time, we do not believe it would be a justifiable expense to employ another accountant on either a part-time or full-time basis to prepare the annual financial statements. We thus accept this required disclosure finding and will continue to monitor this situation in the future.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether Taylor Coastal Water and Sewer District's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



POWELL & JONES
Certified Public Accountants
March 31, 2020

MANAGEMENT LETTER REQUIRED BY CHAPTER 10.550, *RULES OF THE AUDITOR GENERAL*

To the Board of Commissioners
Taylor Coastal Water and
Sewer District

We have audited the basic financial statements of Taylor Coastal Water and Sewer District (District) as of and for the year ended September 30, 2019, and have issued our report thereon dated March 31, 2020.

We have issued our Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards* dated March 31, 2020. Disclosures in that report, should be considered in conjunction with this management letter.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America, and *Government Auditing Standards* issued by the Comptroller General of the United States. Additionally, our audit was conducted in accordance with the provisions of Chapter 10.550, *Rules of the Auditor General*, which govern the conduct of local governmental entity audits performed in the State of Florida and require that the following be addressed in this letter:

PRIOR YEAR FINDINGS – There were no reportable findings during the prior year.

CURRENT YEAR FINDINGS – There were no reportable findings during the current year.

FINANCIAL COMPLIANCE MATTERS

Financial Emergency Status – We determined that the District did not meet any of the conditions described in Section 218.503(1), *Florida Statutes*, that might result in a financial emergency.

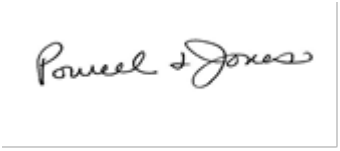
Financial Condition Assessment Procedures – As required by the *Rules of the Auditor General,* (Sections 10.554(1)(i)7.c and 10.556(7), we applied financial condition assessment procedures to the District's financial statements. It is management's responsibility to monitor the entity's financial condition, and our financial condition assessment was based in part on representations made by management and the review of financial information they provided.

We noted no deteriorating financial conditions as defined by Rule 10.544(2)(f).

Our audit did not disclose any further items that would be required to be reported under the *Rules of the Auditor General*, Chapter 10.550.

CONCLUSION

We very much enjoyed the challenge and experiences with our audit of the District. We appreciate the helpful assistance of District staff in completing our audit and also the generally high quality of the District's financial records and internal controls.



POWELL & JONES
Certified Public Accountants
March 31, 2020

INDEPENDENT ACCOUNTANT'S REPORT

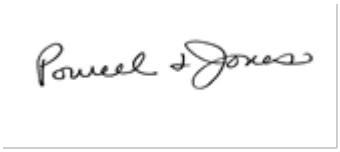
To the Board of Commissioners
Taylor Coastal Water and
Sewer District

We have examined Taylor Coastal Water and Sewer District's compliance with Section 218.415, *Florida Statutes*, regarding the investment of public funds during the year ended September 30, 2019. Management is responsible for the District's compliance with those requirements. Our responsibility is to express an opinion on the District's compliance based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants and, accordingly, included examining, on a test basis, evidence about the District's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our examination provides a reasonable basis for our opinion. Our examination does not provide a legal determination on the District's compliance with specified requirements.

In our opinion, the District complied, in all material respects, with the aforementioned requirements for the year ended September 30, 2019.

This report is intended solely for the information and use of the District and the Auditor General, State of Florida, and is not intended to be and should not be used by anyone other than these specified parties.



POWELL & JONES
Certified Public Accountants
March 31, 2020

Communication with Those Charged with Governance

To the Board of Commissioners
Taylor Coastal Water and Sewer District

We have audited the financial statements of Taylor Coastal Water and Sewer District for the year ended September 30, 2019. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards and *Government Auditing Standards*, as well as certain information related to the planned scope and timing of our audit. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Findings

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by Taylor Coastal Water and Sewer District are described Note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during 2019. We noted no transactions entered into by the governmental unit during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. There are no sensitive estimates affecting Taylor Coastal Water and Sewer District's financial statements.

Certain financial statement disclosures are particularly sensitive because of their significance to financial statement users. There are no sensitive disclosures affecting the financial statements.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. There were no such misstatements identified during our audit.

Disagreements with Management

For purposes of this letter, professional standards define a disagreement with management as a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated March 31, 2020

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the governmental unit's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

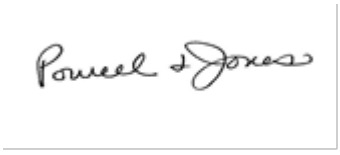
We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the governmental unit's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Information in Documents Containing Audited Financial Statements

With respect to the supplementary information accompanying the financial statements, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

This information is intended solely for the use of the Board of Commissioners and management of Taylor Coastal Water and Sewer District, and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,



POWELL & JONES
Certified Public Accountants
March 31, 2020

TAYLOR COASTAL WATER & SEWER DISTRICT
Profit & Loss by Class
January through December 2019

	District Office	Field Supervisor	SEWER	WATER	Unclassified	TOTAL
Ordinary Income/Expense						
Income						
CUSTOMER GRINDER PUMP SALES	0.00	0.00	0.00	0.00	72,000.00	72,000.00
ADJUSTMENTS, RVS BILLING	0.00	0.00	388.24	-48.74	0.00	339.50
GRINDER PUMP FEE	0.00	0.00	73,149.76	0.00	0.00	73,149.76
LATE FEES, RVS	0.00	0.00	2,024.83	1,170.97	0.00	3,195.80
SEWAGE SALES	0.00	0.00	297,638.16	0.00	0.00	297,638.16
Uncategorized Income	0.00	0.00	0.00	0.00	118.06	118.06
WATER CONNECTION FEE (RVS MEMBERSHIP)	0.00	0.00	0.00	13,900.00	0.00	13,900.00
WATER SALES	0.00	0.00	0.00	204,513.41	0.00	204,513.41
Total Income	0.00	0.00	373,200.99	219,535.64	72,118.06	664,854.69
Gross Profit	0.00	0.00	373,200.99	219,535.64	72,118.06	664,854.69
Expense						
Uncategorized Expenses (Expenses not categorized elsewhere)	0.00	0.00	0.00	0.00	174.53	174.53
FORD F-150 PICKUP PAYMENTS	0.00	0.00	0.00	4,627.92	0.00	4,627.92
CUSTOMER REPAIRS	0.00	0.00	470.00	0.00	-1,025.64	-555.64
Reconciliation Discrepancies	0.00	0.00	0.00	0.00	4,659.36	4,659.36
ACCOUNTING	8,176.00	0.00	0.00	0.00	0.00	8,176.00
ADVERTISING	760.76	0.00	0.00	0.00	0.00	760.76
BANK CHARGES/SERVICE CHARGES	569.10	0.00	0.00	0.00	159.87	728.97
COMPUTER/SERVICE,SOFTWARE	6,747.72	0.00	0.00	0.00	0.00	6,747.72
DUES & SUBSCRIPTIONS	92.80	0.00	190.45	190.45	0.00	473.70
FREIGHT	266.09	0.00	348.26	125.52	14.99	754.86
GAS/OIL/DIESEL	0.00	0.00	943.99	1,378.32	0.00	2,322.31
INSURANCE						
INLAND MARINE	228.00	0.00	0.00	0.00	0.00	228.00
AUTO	2,614.00	0.00	0.00	0.00	0.00	2,614.00
BONDS, Comm/Emp Dis/D&O Lia	1,783.00	0.00	0.00	0.00	0.00	1,783.00
GENERAL LIABILITY INS.	5,000.00	0.00	0.00	0.00	0.00	5,000.00
PROPERTY INSURANCE	1,887.00	0.00	0.00	0.00	0.00	1,887.00
Total INSURANCE	11,512.00	0.00	0.00	0.00	0.00	11,512.00
INTEREST EXPENSE - RURAL DEV (USDA-RD)	0.00	0.00	0.00	0.00	54,279.27	54,279.27
LEGAL/PROFESSIONAL FEES	2,128.55	0.00	0.00	43.01	0.00	2,171.56
LICENSES & PERMITS	175.00	0.00	2,262.55	1,200.00	0.00	3,637.55

TAYLOR COASTAL WATER & SEWER DISTRICT
Profit & Loss by Class
January through December 2019

	District Office	Field Supervisor	SEWER	WATER	Unclassified	TOTAL
MISCELLANEOUS EXPENSE	246.04	0.00	0.00	0.00	0.00	246.04
MOWING	235.00	0.00	2,265.00	800.00	0.00	3,300.00
OFFICE EXPENSE	2,935.25	0.00	0.00	0.00	118.38	3,053.63
PERSONNEL EXPENSE						
EDUCATION/CONFERENCE EXPENSE	0.00	0.00	20.00	20.00	0.00	40.00
RETIREMENT CONTRIBUTION-FRS (FL Retirement Systems)	3,891.10	4,112.50	2,303.58	0.00	0.00	10,307.18
SALARIES & WAGES-WTR & WW OP	0.00	49,262.82	27,595.85	0.00	0.00	76,858.67
SALARIES & WAGES-ADMINISTRATIVE	46,611.14	0.00	0.00	0.00	0.00	46,611.14
TAXES-PAYROLL	3,565.75	3,768.60	2,111.08	0.00	0.00	9,445.43
WORKER'S COMPENSATION INSURANCE	3,240.00	0.00	0.00	0.00	0.00	3,240.00
Total PERSONNEL EXPENSE	57,307.99	57,143.92	32,030.51	20.00	0.00	146,502.42
POSTAGE	594.07	0.00	0.00	0.00	0.00	594.07
PROP/EQUIP UPGRADES - Dist Off	4,466.38	0.00	0.00	0.00	0.00	4,466.38
Repair Maintenance District Off	396.97	0.00	0.00	0.00	0.00	396.97
SUPPLIES, CLEANING & MISC.	31.93	0.00	0.00	0.00	0.00	31.93
TAXES-OTHER	236.40	0.00	0.00	0.00	0.00	236.40
TELEPHONE	1,084.70	0.00	643.21	1,440.63	-71.04	3,097.50
TRACTOR MAINTENANCE	30.38	0.00	95.74	0.00	0.00	126.12
UTILITIES (ELECTRICAL SERVICE)	1,774.66	0.00	16,609.71	4,329.11	0.00	22,713.48
VEHICLE MAINTENANCE	0.00	0.00	3,784.83	0.00	0.00	3,784.83
WASTEWATER DEPARTMENT						
HURRICANE MICHAEL EXPENSES	0.00	0.00	15,588.92	0.00	0.00	15,588.92
NEW PUMP PURCHASE DISTRICT	0.00	0.00	46,390.00	0.00	0.00	46,390.00
GP INSTALLATION EXPENSES	0.00	0.00	43,190.00	0.00	0.00	43,190.00
GRINDER PUMP REPAIR ACCOUNT	0.00	0.00	4,973.64	0.00	-526.64	4,447.00
EQUIPMENT PURCHASES	0.00	0.00	2,845.65	0.00	0.00	2,845.65
CHEMICALS, SEWER	0.00	0.00	2,109.00	0.00	0.00	2,109.00
GROUNDWATER MONITORING, WWTP	0.00	0.00	4,194.87	0.00	0.00	4,194.87
LAB TESTING/SUPPLIES, SEWER	0.00	0.00	2,607.89	15.00	0.00	2,622.89
REPAIR/MAINTENANCE, SEWER	0.00	0.00	7,287.49	29.48	0.00	7,316.97
REPLACEMENT PARTS, SEWER	64.70	0.00	7,263.76	0.00	0.00	7,328.46
SUPPLIES/SMALL TOOLS, SEWER	0.00	0.00	1,185.25	6.22	0.00	1,191.47
SYSTEM/PLANT UPGRADES, SEWER	0.00	0.00	4,659.36	0.00	0.00	4,659.36
WASTEWATER DEPARTMENT - Other	0.00	0.00	7.67	0.00	0.00	7.67

TAYLOR COASTAL WATER & SEWER DISTRICT
Profit & Loss by Class
January through December 2019

	District Office	Field Supervisor	SEWER	WATER	Unclassified	TOTAL
Total WASTEWATER DEPARTMENT	64.70	0.00	142,303.50	50.70	-526.64	141,892.26
WATER DEPARTMENT						
CHEMICALS, WATER	0.00	0.00	297.50	1,555.00	0.00	1,852.50
LAB TESTING/SUPPLIES, WATER	0.00	0.00	0.00	2,443.75	0.00	2,443.75
REPAIR/MAINTENANCE, WATER	0.00	0.00	462.50	11,595.27	0.00	12,057.77
REPLACEMENT PARTS, WATER	0.00	0.00	0.00	7,879.06	-40.40	7,838.66
SUPPLIES/SMALL TOOLS, WATER	0.00	0.00	9.99	1,542.72	0.00	1,552.71
SYSTEM/PLANT UPGRADES, WATER	0.00	0.00	0.00	13,829.68	0.00	13,829.68
TANK MAINTENANCE, WATER	0.00	0.00	0.00	6,216.51	0.00	6,216.51
Total WATER DEPARTMENT	0.00	0.00	769.99	45,061.99	-40.40	45,791.58
Total Expense	99,832.49	57,143.92	202,717.74	59,267.65	57,742.68	476,704.48
Net Ordinary Income	-99,832.49	-57,143.92	170,483.25	160,267.99	14,375.38	188,150.21
Other Income/Expense						
Other Income						
State of Florida Public Assist (Reimbursement of Hurricane Hermine Expenses)	0.00	0.00	0.00	0.00	90,790.71	90,790.71
INTEREST INCOME	0.00	0.00	0.00	2,281.79	762.95	3,044.74
LABOR/PARTS, CUST REPAIR	0.00	0.00	0.00	0.00	1,456.63	1,456.63
MISCELLANEOUS INCOME	0.00	0.00	0.00	0.00	2,375.80	2,375.80
Total Other Income	0.00	0.00	0.00	2,281.79	95,386.09	97,667.88
Other Expense						
ASKMYACCOUNTANT	0.00	0.00	0.00	9,300.01	-9,488.55	-188.54
Total Other Expense	0.00	0.00	0.00	9,300.01	-9,488.55	-188.54
Net Other Income	0.00	0.00	0.00	-7,018.22	104,874.64	97,856.42
Net Income	**-99,832.49**	**-57,143.92**	**170,483.25**	**153,249.77**	**119,250.02**	**286,006.63**

Appendix E

Water Storage Alternative 1 – Map

APPENDIX E - ELEVATED STORAGE TANK - WATER TREATMENT PLANT

WATER SYSTEM IMPROVEMENT PROJECT
TAYLOR COASTAL WATER AND SEWER

TAYLOR COUNTY, FLORIDA

Seal:

COA# 8794

Dewberry

20684 Central Ave. East,
Blountstown, FL 32424
850.674.3300

Date:	09/2019
Designed:	T. BURCH
Drawn:	B. BEAUDETTE
Checked:	J. BAXLEY
Project No.:	50083282
Sheet No.:	APPENDIX E

Appendix F

Water Storage Alternative 1
Probable Cost Opinion

Taylor Coastal Water and Sewer District Water Storage Alternative 1 - Elevated Storage Engineer's Opinion of Probable Costs					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
1.0 General Items					
1.01	Mobilization (Max. 3% of bid)	1	LS	$ 48,762.00	$ 48,762.00
1.02	Bonds and insurance (Max. 1.5% of bid)	1	LS	$ 24,381.00	$ 24,381.00
1.03	Layout (Max. 1.0% of bid)	1	LS	$ 16,254.00	$ 16,254.00
1.04	Project Sign	1	LS	$ 500.00	$ 500.00
1.05	Drawings of Records (As-builts)	1	LS	$ 5,000.00	$ 5,000.00
1.06	Testing (max 1% of bid)	1	LS	$ 16,254.00	$ 16,254.00
1.07	Maintenance of Traffic	1	LS	$ 5,000.00	$ 5,000.00
1.08	Permitting	1	LS	$ 7,500.00	$ 7,500.00
				General Items Subtotal	**$ 123,651.00**
2.0 Elevated Storage Tank					
2.01	Elevated Storage Tank (100,000 gallons), foundation, painting, and shrouding during construction	1	LS	$ 850,000.00	$ 850,000.00
2.02	Access Road and Sidewalk, Complete	1	LS	$ 15,000.00	$ 15,000.00
2.03	Site Work	1	LS	$ 40,000.00	$ 40,000.00
2.04	10" Pipe	1,000	LF	$ 28.00	$ 28,000.00
2.05	Chemical Feed Building	1	LS	$ 40,000.00	$ 40,000.00
2.06	Chemical Equipment	1	LS	$ 45,000.00	$ 45,000.00
2.07	Valve Vault	1	LS	$ 10,000.00	$ 10,000.00
2.08	Altitude Valve	1	EA	$ 14,000.00	$ 14,000.00
2.09	Generator, Slab, and ATS, Complete (for system controls)	1	LS	$ 25,000.00	$ 25,000.00
2.10	Yard Piping, Valves, Fittings, & Hydrant, Complete	1	LS	$ 50,000.00	$ 50,000.00
2.11	Cathodic Protection	1	LS	$ 25,000.00	$ 25,000.00
2.12	Remote Control Panel and Radio Telemetry System, Complete	1	LS	$ 100,000.00	$ 100,000.00
2.13	Instrumentation and Controls	1	LS	$ 15,000.00	$ 15,000.00
2.14	Water Meters (Auto-read) and equipment	530	EA	$ 285.00	$ 151,050.00
2.15	Ultrasonic Meters (Neighborhood Meters), Vault, Valves, & Bypass Piping	9	EA	$ 23,350.00	$ 210,150.00
2.16	Automatic Flushing Station with Meter	9	EA	$ 800.00	$ 7,200.00
				Elevated Storage Subtotal	**$ 1,625,400.00**
				CONSTRUCTION SUBTOTAL	**$ 1,749,051.00**
3.01	Contingency (10%)				$ 174,905.00
3.02	Surveying				$ 10,000.00
3.03	Resident Project Representative Services				$ 65,000.00
3.04	Pre Construction Engineering/Design Costs				$ 139,000.00
				TOTAL CONSTRUCTION COST	**$ 2,137,956.00**
				O&M and SLA PRESENT WORTH	**$ 7,235,878.00**
				TOTAL COST OPINION	**$ 9,373,834.00**

**O&M and SLA Present Worth assumes 40-year loan term at 1.5% interest*

Water Storage Alternative 1 - Elevated Storage Short Lived Assets				
Description	**Replacement Cost**	**Qty.**	**Typical Life Span**	**Annual SLA Reserve**
Water Meters (Customer)	$ 285.00	530	15	$ 10,070.00
Chlorine Feed	$ 2,500.00	1	10	$ 250.00
Polymer Feed	$ 7,500.00	1	15	$ 500.00
Water Meters (Neighborhood)	$ 23,350.00	9	15	$ 14,010.00
Alarms and Telemetry	$ 15,000.00	1	20	$ 750.00
Sensors and Transducers	$ 10,000.00	1	20	$ 500.00
Tank Painting and Maintenance	$ 300,000.00	1	12	$ 25,000.00
Tank Inspection	$ 40,000.00	1	10	$ 4,000.00
Generator (for controls)	$ 25,000.00	1	20	$ 1,250.00
			Total Annual SLA Reserve:	**$ 56,330.00**

Proposed Annual O&M Expenses	
Operating and Maintenance Expenses	**Projected Expenses**
Current System O&M	$ 175,544.78
Elevated Tank O&M	$ 10,000.00
Annual SLA Reserve	$ 56,330.00
Total	**$ 241,874.78**
Present Value (40-year at 1.5%)	**$ 7,235,878.00**

Appendix G

Water Storage Alternative 2 – Map

APPENDIX G - ELEVATED STORAGE TANK - BOOSTER STATION

WATER SYSTEM IMPROVEMENT PROJECT
TAYLOR COASTAL WATER AND SEWER

TAYLOR COUNTY, FLORIDA

Seal:

COA# 8794

Dewberry

20684 Central Ave. East,
Blountstown, FL 32424
850.674.3300

Date: 09/2019	Project No.: 50083282
Designed: T. BURCH	Sheet No.: APPENDIX G
Drawn: B. BEAUDETTE	
Checked: J. BAXLEY	

Appendix H

Water Storage Alternative 2
Probable Cost Opinion

Taylor Coastal Water and Sewer District Water Storage Alternative 2 - Ground Storage at Existing Booster Station Engineer's Opinion of Probable Costs					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
1.0 General Items					
1.01	Mobilization (Max. 3% of bid)	1	LS	$ 53,952.00	$ 53,952.00
1.02	Bonds and insurance (Max. 1.5% of bid)	1	LS	$ 26,976.00	$ 26,976.00
1.03	Layout (Max. 1.0% of bid)	1	LS	$ 17,984.00	$ 17,984.00
1.04	Project Sign	1	LS	$ 500.00	$ 500.00
1.05	Drawings of Records (As-builts)	1	LS	$ 5,000.00	$ 5,000.00
1.06	Testing (max 1% of bid)	1	LS	$ 17,984.00	$ 17,984.00
1.07	Maintenance of Traffic	1	LS	$ 5,000.00	$ 5,000.00
1.08	Permitting	1	LS	$ 2,500.00	$ 2,500.00
				General Items Subtotal	**$ 129,896.00**
2.0 Ground Storage Tank					
2.01	Ground Storage Tank and Piping, Complete	1	LS	$ 400,000.00	$ 400,000.00
2.02	Hydropneumatic Tank	1	LS	$ 150,000.00	$ 150,000.00
2.03	Access Road and Sidewalk, Complete	1	LS	$ 15,000.00	$ 15,000.00
2.04	Fill Valve Assembly, Complete	1	LS	$ 25,000.00	$ 25,000.00
2.05	HS Pumps, Above-grade Pipe/Fittings/Valves, etc., Concrete, Complete	1	LS	$ 125,000.00	$ 125,000.00
2.06	MCC Building, Complete	1	LS	$ 40,000.00	$ 40,000.00
2.07	Chemical Feed Building	1	LS	$ 40,000.00	$ 40,000.00
2.08	Chemical Equipment	1	LS	$ 45,000.00	$ 45,000.00
2.09	Generator, Slab, and ATS, Complete	1	LS	$ 75,000.00	$ 75,000.00
2.10	Remote Control Panel and Radio Telemetry System, Complete	1	LS	$ 100,000.00	$ 100,000.00
2.11	Site Work	1	LS	$ 40,000.00	$ 40,000.00
2.12	Yard Piping, Valves, Fittings, & Hydrant, Complete	1	LS	$ 50,000.00	$ 50,000.00
2.13	Instrumentation, Controls, and Electrical	1	LS	$ 200,000.00	$ 200,000.00
2.14	Elevated Platform for Electrical Equipment	1	LS	$ 125,000.00	$ 125,000.00
2.15	Water Meters (Auto-read) and equipment	530	EA	$ 285.00	$ 151,050.00
2.16	Ultrasonic Meters (Neighborhood Meters), Vault, Valves, & Bypass Piping	9	EA	$ 23,350.00	$ 210,150.00
2.17	Automatic Flushing Station with Meter	9	EA	$ 800.00	$ 7,200.00
				Ground Storage Subtotal	**$ 1,798,400.00**
				CONSTRUCTION SUBTOTAL	**$ 1,928,296.00**
3.01	Contingency (10%)				$ 192,830.00
3.02	Surveying				$ 4,500.00
3.03	Resident Project Representative Services				$ 68,000.00
3.04	Pre Construction Engineering/Design Costs				$ 151,000.00
				TOTAL CONSTRUCTION COST	**$ 2,344,626.00**
				O&M and SLA PRESENT WORTH	**$ 7,086,299.00**
				TOTAL COST OPINION	**$ 9,430,925.00**

**O&M and SLA Present Worth assumes 40-year loan term at 1.5% interest*

Water Storage Alternative 2 - Ground Storage at Existing Booster Station Short Lived Assets				
	Replacement Cost	Qty.	Typical Life Span	Annual SLA Reserve
Water Meters (Customer)	$ 285.00	530	15	$ 10,070.00
Chlorine Feed	$ 2,500.00	1	10	$ 250.00
Polymer Feed	$ 7,500.00	1	10	$ 750.00
Water Meters (Neighborhood)	$ 23,350.00	9	15	$ 14,010.00
Booster Pumps	$ 30,000.00	4	20	$ 6,000.00
Generator	$ 75,000.00	1	20	$ 3,750.00
Alarms and Telemetry	$ 15,000.00	1	20	$ 750.00
Sensors and Transducers	$ 15,000.00	1	20	$ 750.00
				$ 36,330.00

Proposed Annual O&M Expenses	
Operating and Maintenance Expenses	Projected Expenses
Current System O&M	$ 175,544.78
Annual SLA Reserve	$ 36,330.00
Booster Station O&M	$ 25,000.00
Total	**$ 236,874.78**
Present Value (40-year at 1.5%)	**$ 7,086,299.00**

Appendix I

Water Storage Alternative 3 – Map

APPENDIX I - GROUND STORAGE TANK - WATER TREATMENT PLANT

WATER SYSTEM IMPROVEMENT PROJECT
TAYLOR COASTAL WATER AND SEWER

TAYLOR COUNTY, FLORIDA

Seal:

COA# 8794

Dewberry

20684 Central Ave. East,
Blountstown, FL 32424
850.674.3300

Date:	09/2019
Designed:	T. BURCH
Drawn:	B. BEAUDETTE
Checked:	J. BAXLEY
Project No.:	50083282
Sheet No.:	APPENDIX I

Appendix J

Water Storage Alternative 3
Probable Cost Opinion

Taylor Coastal Water and Sewer District Water Storage Alternative 3 - Ground Storage at Water Treatment Site Engineer's Opinion of Probable Costs					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
1.0 General Items					
1.01	Mobilization (Max. 3% of bid)	1	LS	$ 50,202.00	$ 50,202.00
1.02	Bonds and insurance (Max. 1.5% of bid)	1	LS	$ 25,101.00	$ 25,101.00
1.03	Layout (Max. 1.0% of bid)	1	LS	$ 16,734.00	$ 16,734.00
1.04	Project Sign	1	LS	$ 500.00	$ 500.00
1.05	Drawings of Records (As-builts)	1	LS	$ 5,000.00	$ 5,000.00
1.06	Testing (max 1% of bid)	1	LS	$ 16,734.00	$ 16,734.00
1.07	Maintenance of Traffic	1	LS	$ 5,000.00	$ 5,000.00
1.08	Permitting	1	LS	$ 2,500.00	$ 2,500.00
				General Items Subtotal	**$ 121,771.00**
2.0 Ground Storage Tank					
2.01	Ground Storage Tank and Piping, Complete	1	LS	$ 400,000.00	$ 400,000.00
2.02	Hydropneumatic Tank (10,000 gallon)	1	LS	$ 150,000.00	$ 150,000.00
2.03	Access Road and Sidewalk, Complete	1	LS	$ 15,000.00	$ 15,000.00
2.04	Fill Valve Assembly, Complete	1	LS	$ 25,000.00	$ 25,000.00
2.05	HS Pumps, Above-grade Pipe/Fittings/Valves, etc., Concrete, Complete	1	LS	$ 125,000.00	$ 125,000.00
2.06	MCC Building, Complete	1	LS	$ 40,000.00	$ 40,000.00
2.07	Chemical Feed Building	1	LS	$ 40,000.00	$ 40,000.00
2.08	Chemical Equipment	1	LS	$ 45,000.00	$ 45,000.00
2.09	Generator, Slab, and ATS, Complete	1	LS	$ 75,000.00	$ 75,000.00
2.10	Remote Control Panel and Radio Telemetry System, Complete	1	LS	$ 100,000.00	$ 100,000.00
2.11	Site Work	1	LS	$ 40,000.00	$ 40,000.00
2.12	Yard Piping, Valves, Fittings, & Hydrant, Complete	1	LS	$ 50,000.00	$ 50,000.00
2.13	Instrumentation, Controls, and Electrical	1	LS	$ 200,000.00	$ 200,000.00
2.14	Water Meters (Auto-read) and equipment	530	EA	$ 285.00	$ 151,050.00
2.15	Ultrasonic Meters (Neighborhood Meters), Vault, Valves, & Bypass Piping	9	EA	$ 23,350.00	$ 210,150.00
2.16	Automatic Flushing Station with Meter	9	EA	$ 800.00	$ 7,200.00
				Ground Storage Subtotal	**$ 1,673,400.00**
				CONSTRUCTION SUBTOTAL	**$ 1,795,171.00**
3.01	Contingency (10%)				$ 179,517.00
3.02	Surveying				$ 10,000.00
3.03	Resident Project Representative Services				$ 65,000.00
3.04	Pre Construction Engineering/Design Costs				$ 142,000.00
				TOTAL CONSTRUCTION COST	**$ 2,191,688.00**
				O&M and SLA PRESENT WORTH	**$ 7,086,299.00**
				TOTAL COST OPINION	**$ 9,277,987.00**

**O&M and SLA Present Worth assumes 40-year loan term at 1.5% interest*

Water Storage Alternative 3 - Ground Storage at Water Treatment Site Short Lived Assets				
	Replacement Cost	Qty.	Typical Life Span	Annual SLA Reserve
Water Meters (Customer)	$ 285.00	530	15	$ 10,070.00
Chlorine Feed	$ 2,500.00	1	10	$ 250.00
Polymer Feed	$ 7,500.00	1	10	$ 750.00
Water Meters (Neighborhood)	$ 23,350.00	9	15	$ 14,010.00
Booster Pumps	$ 30,000.00	4	20	$ 6,000.00
Generator	$ 75,000.00	1	20	$ 3,750.00
Alarms and Telemetry	$ 15,000.00	1	20	$ 750.00
Sensors and Transducers	$ 15,000.00	1	20	$ 750.00
				$ 36,330.00

Proposed Annual O&M Expenses	
Operating and Maintenance Expenses	Projected Expenses
Current System O&M	$ 175,544.78
Annual SLA Reserve	$ 36,330.00
Booster Station O&M	$ 25,000.00
Total	**$ 236,874.78**
Present Value (40-year at 1.5%)	**$ 7,086,299.00**

Appendix K

Water Supply Alternative 1 – Map

APPENDIX K - SUPPLY WELL

WATER SYSTEM IMPROVEMENT PROJECT
TAYLOR COASTAL WATER AND SEWER

TAYLOR COUNTY, FLORIDA

Seal:

COA# 8794

Dewberry

20684 Central Ave. East,
Blountstown, FL 32424
850.674.3300

Date:	09/2019
Designed:	T. BURCH
Drawn:	B. BEAUDETTE
Checked:	J. BAXLEY
Project No.:	50083282
Sheet No.:	APPENDIX K

Appendix L

Water Supply Alternative 1
Probable Cost Opinion

Taylor Coastal Water and Sewer District Water Supply Alternative 1 - Potable Water Well Engineer's Opinion of Probable Costs					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
1.0 General Items					
1.01	Mobilization (Max. 3% of bid)	1	LS	$ 24,300.00	$ 24,300.00
1.02	Bonds and insurance (Max. 1.5% of bid)	1	LS	$ 12,150.00	$ 12,150.00
1.03	Layout (Max. 1.0% of bid)	1	LS	$ 8,100.00	$ 8,100.00
1.04	Project Sign	1	LS	$ 500.00	$ 500.00
1.05	Drawings of Records (As-builts)	1	LS	$ 5,000.00	$ 5,000.00
1.06	Testing, Flushing, Disinfection, and Startup	1	LS	$ 7,500.00	$ 7,500.00
1.07	Maintenance of Traffic	1	LS	$ 5,000.00	$ 5,000.00
1.08	Permitting	1	LS	$ 2,500.00	$ 2,500.00
				General Items Subtotal	**$ 65,050.00**
2.0 Potable Water Well					
2.01	Drill and Establish Well	1	LS	$ 275,000.00	$ 275,000.00
2.02	Well Pump, Above Grade Piping/Fittings/Valves/Etc., Complete	1	LS	$ 100,000.00	$ 100,000.00
2.03	Well and Control Building	1	LS	$ 50,000.00	$ 50,000.00
2.04	Chemical Equipment	1	LS	$ 45,000.00	$ 45,000.00
2.05	Yard Piping, Valves, Fittings, and Hydrant	1	LS	$ 30,000.00	$ 30,000.00
2.06	Site Work, Complete	1	LS	$ 15,000.00	$ 15,000.00
2.07	Controls and Electrical, Complete	1	LS	$ 140,000.00	$ 140,000.00
2.08	Abandonment of 4" and 6" wells	1	LS	$ 10,000.00	$ 10,000.00
2.09	Generator, Slab, and ATS, Complete	1	LS	$ 75,000.00	$ 75,000.00
2.10	Radio Telemetry System	1	LS	$ 25,000.00	$ 25,000.00
2.11	Site Fencing	1	LS	$ 10,000.00	$ 10,000.00
2.12	Access Road	1	LS	$ 20,000.00	$ 20,000.00
2.13	Site Restoration	1	LS	$ 15,000.00	$ 15,000.00
				Potable Water Well Subtotal	**$ 810,000.00**
				CONSTRUCTION SUBTOTAL	**$ 875,050.00**
3.01	Contingency (10%)				$ 87,505.00
3.02	Surveying				$ 25,000.00
3.03	Resident Project Representative Services				$ 40,000.00
3.04	Pre Construction Engineering/Design Costs				$ 75,000.00
				TOTAL CONSTRUCTION COST	**$ 1,102,555.00**
				O&M and SLA PRESENT WORTH	**$ 186,974.00**
				TOTAL COST OPINION	**$ 1,289,529.00**

**O&M and SLA Present Worth assumes 40-year loan term at 1.5% interest*

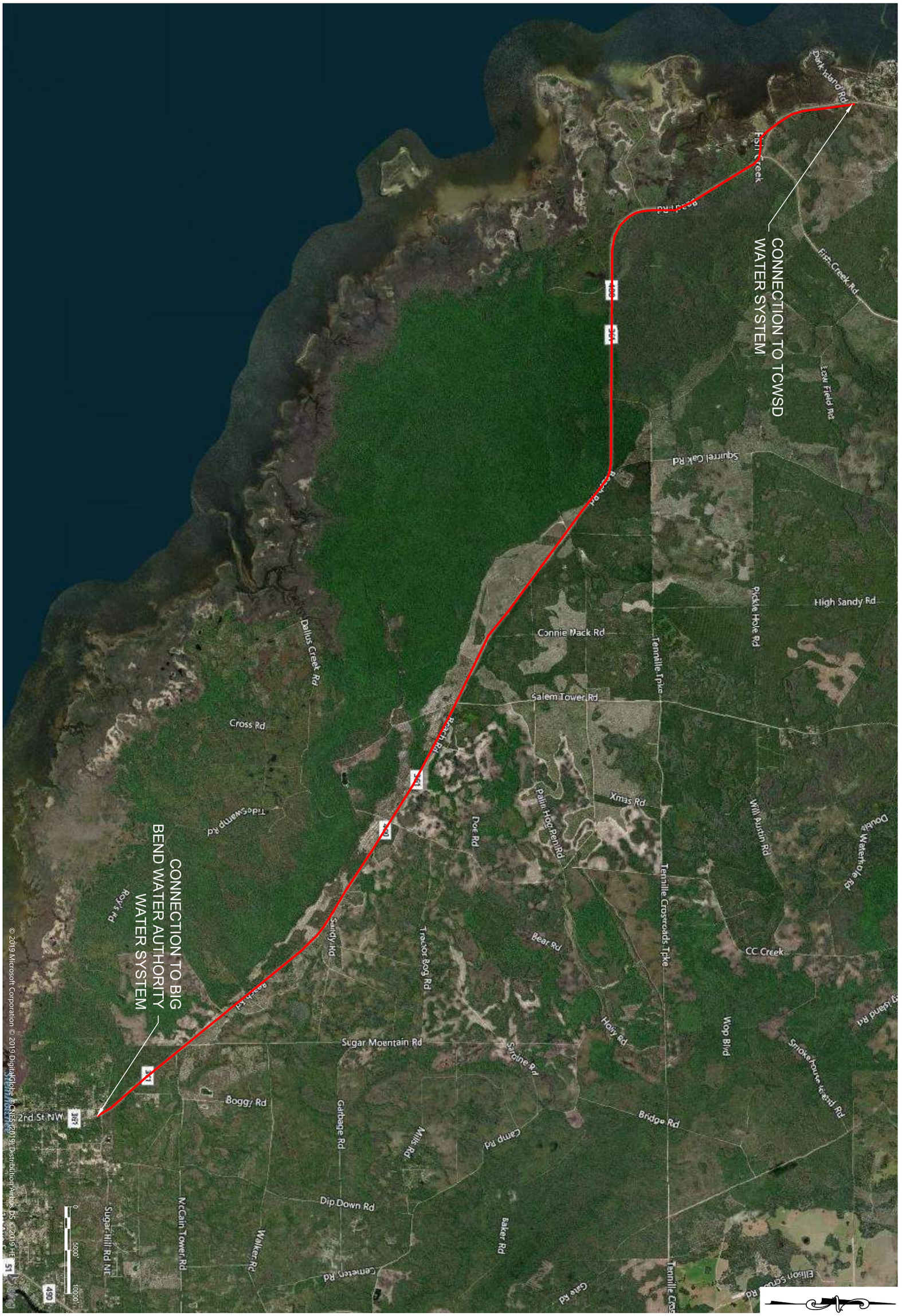
Water Supply Alternative 1 - Potable Water Well Short Lived Assets				
Description	**Replacement Cost**	**Qty.**	**Typical Life Span**	**Annual SLA Reserve**
Well Pump	$ 75,000.00	1	20	$ 3,750.00
Alarms and Telemetry	$ 15,000.00	1	20	$ 750.00
Chemical Feed Equipment	$ 10,000.00	1	10	$ 1,000.00
Sensors and Transducers	$ 15,000.00	1	20	$ 750.00
			Total Annual SLA Reserve:	**$ 6,250.00**

Proposed Annual O&M Expenses	
Operating and Maintenance Expenses	**Projected Expenses**
Annual SLA Reserve	$ 6,250.00
Total	**$ 6,250.00**
Present Value (40-year at 1.5%)	**$ 186,974.00**

Notes:
- Current system O&M included in storage analysis
- Additional O&M not anticipated as project replaces existing equipment

Appendix M

Water Supply Alternative 2 - Map



APPENDIX M - INTERCONNECTION TO NEARBY SYSTEM

WATER SYSTEM IMPROVEMENT PROJECT
TAYLOR COASTAL WATER AND SEWER

TAYLOR COUNTY, FLORIDA

Seal:

COA# 8794

Dewberry

20684 Central Ave. East,
Blountstown, FL 32424
850.674.3300

Date:	09/2019
Designed:	T. BURCH
Drawn:	B. BEAUDETTE
Checked:	J. BAXLEY
Project No.:	50083282
Sheet No.:	APPENDIX M

Appendix N

Water Supply Alternative 2
Probable Cost Opinion

Taylor Coastal Water and Sewer District Water Supply Alternative 2 - Interconnection to Nearby System Engineer's Opinion of Probable Costs					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
1.0 General Items					
1.01	Mobilization (Max. 3% of bid)	1	LS	$ 75,060.00	$ 75,060.00
1.02	Bonds and insurance (Max. 1.5% of bid)	1	LS	$ 37,530.00	$ 37,530.00
1.03	Layout (Max. 1.0% of bid)	1	LS	$ 25,020.00	$ 25,020.00
1.04	Project Sign	1	LS	$ 500.00	$ 500.00
1.05	Drawings of Records (As-builts)	1	LS	$ 7,500.00	$ 7,500.00
1.06	Testing (max 1% of bid)	1	LS	$ 25,020.00	$ 25,020.00
1.07	Maintenance of Traffic	1	LS	$ 20,000.00	$ 20,000.00
1.08	Permitting	1	LS	$ 2,500.00	$ 2,500.00
				General Items Subtotal	**$ 193,130.00**
2.0 System Interconnect					
2.01	10" Water Main	80,000	LF	$ 28.00	$ 2,240,000.00
2.02	Fire Hydrant	32	EA	$ 3,500.00	$ 112,000.00
2.03	In-line Booster Station	1	LS	$ 75,000.00	$ 75,000.00
2.04	MCC and Pump Building	1	LS	$ 50,000.00	$ 50,000.00
2.05	Controls and Electrical	1	LS	$ 25,000.00	$ 25,000.00
				System Interconnect Subtotal	**$ 2,502,000.00**
				CONSTRUCTION SUBTOTAL	**$ 2,695,130.00**
3.01	Contingency (10%)				$ 269,513.00
3.02	Surveying				$ 160,000.00
3.03	Resident Project Representative Services				$ 87,000.00
3.04	Pre Construction Engineering/Design Costs				$ 203,000.00
				TOTAL CONSTRUCTION COST	**$ 3,414,643.00**
				O&M and SLA PRESENT WORTH	**$ 598,316.00**
				TOTAL COST OPINION	**$ 4,012,959.00**

**O&M and SLA Present Worth assumes 40-year loan term at 1.5% interest*

Water Supply Alternative 2 - Interconnection to Nearby System Short Lived Assets				
Description	Replacement Cost	Qty.	Typical Life Span	Annual SLA Reserve
In-line Booster Pump	$ 25,000.00	3	15	$ 5,000.00
Controls and Telemetry	$ 30,000.00	1	15	$ 2,000.00
			Total Annual SLA Reserve:	**$ 7,000.00**

Proposed Annual O&M Expenses	
Operating and Maintenance Expenses	Projected Expenses
Annual SLA Reserve	$ 7,000.00
Operating and Maintenance Expenses	$ 13,000.00
Total	**$ 20,000.00**
Present Value (40-year at 1.5%)	**$ 598,316.00**

Notes:
- Current system O&M included in storage analysis

Appendix O

Water Supply Alternative 3
Probable Cost Opinion

Proposed Annual O&M Expenses	
Operating and Maintenance Expenses	**Projected Expenses**
No additional O&M, "Do-nothing" Alternative	$ -
Total	**$ -**
Present Value (40-year at 1.5%)	**$ -**

Notes:
- Current system O&M included in storage analysis

Appendix P

System Calculations

TAYLOR COASTAL WATER AND SEWER DISTRICT SYSTEM IMPROVEMENTS
PLANT DESIGN CRITERIA AND CALCULATIONS

PROJECT OVERVIEW

The High service pumping system and ground storage tank have been designed based on the average and maximum daily flow demands for the peak season. The demands have been determined from the estimated population as well as historical flow data. The projected growth rate per year is 1% through the year 2038, as shown in the calculations below:

Population Based Estimates

Existing Estimated Population (2018) = 1,243
Assuming a 1% increase through the year 2038,
$(1.01)^{20}$ (1,243) = 1,517

(Residential Users) **Average Daily Flow =** Population x 100 gpcd = gpd
ADF residential = 1,517 x 100 gpcd = **151,700 gpd**

(Commercial Users) **Average Daily Flow** = No. of Commercial users x 1,250 gal/user = gpd
ADF commercial = (3) x 1,250 = **3,750 gpd.**

Average Daily Flow = ADF commercial + ADF residential
ADF = 3,750 gpd + 151,700 gpd = **155,450 gpd or 108 gpm (Use 110 gpm)**

Maximum Daily Flow = ADF x 2.5 = 155,450 x 2.5 = **388,625 gpd** or **270 gpm**

Peak Hourly Flow = ADF X peak factor of 4.0
PHF = 110 gpm x (4.0) = **440 gpm**

Historical Flow Based Estimates

These calculations are based on the peak season data for TCWSD which occurs between May – September each year as TCWSD experiences more system demand due to tourism.

Current Data
Average Daily Flow = 1,862,133 gallons/month = **43 gpm**
Max Day Flow = 234,000 gallons/day = **162 gpm**
Peak Hour Flow = ADF x 4.0 = **172 gpm**

Future Projection
Future Average Daily Flow = 1,862,133 gallons/month x 1.01^{20} = 2,272,156 gallons/month = **53 gpm**
Future Max Day Flow = 234,000 gallons/day x 1.01^{20} = 285,524 gallons/day = **198 gpm**
Future Peak Hour Flow = Future ADF x 4.0 = **212 gpm**

Summary

The population based projections provide the more conservative estimate and will be used as the basis for design.

WELL REQUIREMENTS

The proposed project involves the abandonment of the 4" and 6" wells and the establishment of an additional well to supplement the existing 8" well. Per FDEP rules, the wells are required to meet max day demand with all wells in operation and meet the average day demand with the largest pump out of service. This requires the new well to deliver at least 110 gpm. **For redundancy, it is recommended that the proposed well be upsized to match the existing 8" well's production ability of 240 gpm.**

PUMPING REQUIREMENTS

The pumps at the storage facility need to meet the peak hourly flow (PHF) plus the fire flow demand. As this system will not be designed to provide fire flow, this portion of the applicable calculations will be ignored. The PHF is 440 gpm which means that two (2) 220 gpm pumps are needed to satisfy the demand. Additionally the Ten States Standards state that you should be able to meet your PHF with your largest pump out of service, dictating the need for **three (3) - 220 gpm high service pumps** to meet the minimum requirements for the proposed project.

STORAGE CAPACITY REQUIREMENTS

The storage required is calculated following FDEP guidelines in FAC 62-555. This code requires the storage to be 25% of the max day plus fire flow or equalization storage plus fire flow, whichever is greater. Fire flow is not provided for this project.

25% Max Day = 0.25 x 384,375 gpd = **96,094 gallons**

Fire Storage = **0 gallons**

Equalization Storage = (Peak Hour Demand – Total Production Capacity) x 4 hours
= (440 gpm – 240 gpm) x 4 hours x 60 minutes/hour
= **48,000 gallons**

Total Storage

25% Max Day + Fire Flow = 96,094 gallons + 0 gallons = 96,094 gallons
Equalization + Fire Flow = 48,000 gallons + 0 gallons = 48,000 gallons
Choose greater value for conservative design: 100,000 gallons

TREATMENT CALCULATIONS

Disinfection of the water system will be provided by chlorination. The chlorination requirements for the system are shown below:

LBS/DAY CHLORINE = (0.012*) x (440 GPM) x (2.0 PPM) = 10.56 lbs/day = **use 15 lbs/day system**
**0.012 = Chlorine Concentration for System*

Appendix Q

Sanitary Survey

Florida Department of Environmental Protection

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Ryan E. Matthews
Interim Secretary

March 27, 2017

Lynette Senter
Taylor Coastal Water & Sewer District
18820 Beach Road
Perry, Florida 32348
tcwsd@fairpoint.net

Re: Taylor coastal Water & Sewer District
PWS ID No. 2624165
Taylor County – Drinking Water

Dear Ms. Senter:

Department personnel conducted a sanitary survey inspection of the above-referenced facility on March 2, 2017. Based on the information provided during and following the inspection, the system was determined to be in compliance with the Department's Drinking Water rules and regulations. A copy of the inspection report is attached for your records. Non-compliance identified in the inspection report has been corrected.

The Department appreciates your efforts to maintain this system in compliance with state and federal rules. Should you have any questions or comments, please contact Kimberly Mann at (904) 256-1564, or via e-mail at kimberly.mann@dep.state.fl.us.

Sincerely,

Matthew Kershner
Environmental Manager
Compliance Assurance Program

Enclosures: Inspection Report

c: FDEP: Alisha Simpson, Matthew Kershner, Joni Petry, Kimberly Mann

Florida Department of Environmental Protection

Northeast District Public Water System Sanitary Survey Inspection Report

Water system: Taylor Coastal Water & Sewer D.	**System PWS #: 2624165**	**Survey date: 03/02/2017**
Facility type class: **Community** - (5C)	Source type: Ground	4-Log approved: Yes
Facility address: 18780 Beach Road, Perry Florida 32348		
Facility phone(s): (850) 578-3043	Facility email/fax: tcwsd@fairpoint.net	
Facility contact: Ms. Lynette Senter	Facility contact phone(s): (850) 578-3043	
Facility contact email/fax: tcwsd@fairpoint.net		
Owner name: Ms. Lynette Senter	Company name: Taylor Coastal Water and Sewer District	
Owner/Corp address: 18820 Beach Road	City: Perry	State: FL / Zip: 32348
Owner/Corp phone(s): (850) 578-3043	Owner e-contact(s): tcwsd@fairpoint.net	
Operator name: Ron Bennett	Certification: C-0021427	
Operator phone(s): (850) 843-7621	Operator email/fax: tcwsd@fairpoint.net	
On-site Rep: Ron Bennett	**Immediate Action Required?**: No	Inspection recap given? Yes

SERVICE AREA CHARACTERISTICS

Muncipality

Food Service: ☐ Yes ☐ No ☒ N/A

GENERAL INFORMATION

Number of Service Connections 456
Population Served 1,230 Basis Operator
Plant Design Capacity 345,000 gpd
Basis Historical Data
Average Day (from MORs) 51,505 gpd
Max. Day (from MORs) 234,000 gpd
Total Storage Capacity 12,500 gallons
Comments TSC = GST & 1/2 Hydro tanks

LOCATION

Latitude 29° 51' 08.2811" North
Longitude 83° 35' 36.9882" West
GPS: No Date: N/A
Directions Take I-10 W to US 221 S (exit 241). Travel S to Perry. Turn left onto SR 19/27, then turn rught onto CR-361. Plant will be on the left about 1 mile after "Dead Man's Curve".

OPERATION & MAINTENANCE

Certified Operator: ☒ Yes ☐ No ☐ Not required
Plant visits conducted by: Ron Bennett
O&M Log: ☒Yes ☐No O&M Manual: ☒Yes ☐No
Visitation Frequency
Hrs/day: *Required* N/A *Actual* N/A
Hrs/wk: *Required* 0.6 *Actual* 0.7
Days/wk: *Required* 6 *Actual* 7
Non-consecutive Days? ☐ Yes ☒ No ☐ N/A
MORs submitted regularly? ☒ Yes ☐ No ☐ N/A
Data missing from MORs? ☒ No ☐ Yes ☐ N/A

RAW WATER SOURCE

☒ GROUND; Number of Wells 3
☐ SURFACE/UDI; Source
☐ PURCHASED from PWS ID #
☐ Emergency Water Source
Emergency Water Capacity

AUXILIARY POWER SOURCE

☒ Yes ☐ None ☐ Not Required
Source Diesel Generator
Capacity of Standby (kW) 25
Switchover: ☒ Automatic ☐ Manual
Standby Plan: ☒ Yes ☐ No
Hrs Operated Under Load 15 mins/day
What equipment does it operate?
☒ Well pumps
☒ High Service Pumps
☒ Treatment Equipment
Satisfy 1/2 max-day demand? ☒Yes ☐No ☐Unk
Comments Operates entire treatment system

TREATMENT PROCESSES IN USE

Hypoclorination and Sequestration

Is additional treatment needed? ☐ Yes ☒ No
If so, for control of what deficiencies?
None

DISTRIBUTION SYSTEM

Flow Measuring Device Flow Meter
Meter Size & Type Master Meter for each well
Meter tested w/i 5 yrs? ☒ Yes ☐ No ☐ Unk ☐ N/A
Backflow Prevention :☒ Yes ☐ No
Cross-connections None Observed
Cross-connection Control Program: ☒Yes ☐No ☐N/A
Coliform Sampling Plan: ☒ Yes ☐ No
Stage 2 DBPs Sampling Plan: ☒ Yes ☐ No ☐N/A
Lead & Copper Sampling Plan: ☒Yes ☐ No ☐N/A
Comments

Taylor Coastal Water & Sewer D.

PWS ID # 2624165
Survey Date 03/02/2017

GROUND WATER SOURCE

Well Number (PWS Identification)		1 (emergency)	2	3
Well Name (System Identification)		4" Well	8" Well	6" Well
Year Drilled		1984	1990	1995
Depth Drilled		43'	66'	60'
Latitude		29° 51' 08.4500" N	29° 51' 08.5940" N	29° 51' 08.6470" N
Longitude		83° 35' 37.1290" W	83° 35' 35.9880" W	83° 35' 37.0980" W
GPS (Y or N) / Date (if applicable)		N	N	N
Florida Well ID		AAC 2142	AAC 2141	AAC 2140
Static Water Level		17'	15'	18'
Normal Yield (if different than rated capacity)		Unknown	Unknown	Unknown
Strainer		Unknown	Unknown	Unknown
Length (outside casing)		37'	49'	42'
Diameter (outside casing)		4"	8"	6"
Material (outside casing)		Steel	Steel	Steel
Well Contamination History		None Seen	None Seen	None Seen
Is inundation of well possible?		Not Likely	Not Likely	Not Likely
6' X 6' X 4" Concrete Pad		Good	Good	Good
SET BACKS	Septic Tank	> 100'	> 100'	> 100'
	Reuse Water	> 100'	> 100'	> 100'
	WW Plumbing	> 100'	> 100'	> 100'
	Other Sanitary Hazard	> 100'	> 100'	> 100'
PUMP	Type	Submersible	Submersible	Submersible
	Manufacturer Name	Red Jacket	Franklin	Berkeley
	Model Number	Unknown	Unknown	Unknown
	Rated Capacity (gpm)	90	240	180
	Motor Horsepower	5	15	10
Well casing 12" above grade?		S.C.	Yes	Yes
Well Casing Sanitary Seal		Good	Good	Good
Raw Water Sampling Tap		Good	Good	Good
Above Ground Check Valve		Good	Good	Good
Fence/Housing		Good	Good	Good
Well Vent Protection		Good	Good	Good

COMMENTS The 4" well is less than 12" above grade. No changes will be requred to raise the well casing unless bacteriological or chemical results are unsatisfactory.

Taylor Coastal Water & Sewer D.

PWS ID # 2624165
Survey Date 03/02/2017

CHLORINATION (Disinfection)
Type: Hypo-Chlorination
Make Stenner (x2) Capacity 30 gpd (total)
Chlorine Feed Rate Set at 6 & 7
Avg. Amount of Cl_2 gas used N/A
Chlorine Residuals: Plant 0.85 Remote 0.66
Remote tap location Fish Creek Tap
DPD Test Kit: ☐ On-site ☒ With operator
☐ None ☐ Not Used Daily
Injection Points Prior to Hydrotank at plant
Booster Pump Info
Comments

CORROSION CONTROL - IRON
Make Stenner Capacity 3 gpd
Injection Points At wells 2 & 3, post check valve
Chemicals Used AquaGold
Comments Previous report shows AquaMag, but receipts show they've been using AquaGold since 2011.

STORAGE FACILITIES
(B) Bladder (CW) Clearwell (C) Contact (E) Elevated
(G) Ground (H) Hydropneumatic (S.C.) See Comments

Tank Type/Number	H1	H2	G
Capacity (gal)	10,000	5,000	5,000
Material	Steel	Steel	Steel
By-pass Piping	Yes	Yes	Yes
Gravity Drain	Yes	Yes	Yes
PRV/ARV	Both	Both	ARV
Protected Openings	Yes	Yes	Yes
Pressure Gauge	Yes	Yes	No
Sight Glass or Level Indicator	S.G.	S.G.	No
Fittings for Sight Glass	Yes	Yes	No
Access Padlocked	Yes	Yes	Yes
Last Inspection Date (for tanks with access manholes)	06/16	12/15	11/15
On/Off Pressure	42/62	42/62	N/A
Height to Bottom of Elevated Tank	N/A	N/A	N/A
Height to Max. Water Level	N/A	N/A	N/A

Comments

HIGH SERVICE PUMPS

Pump Number	Booster 1	Booster 2
Type	Jet	Jet
Make	Sta-Rite	Sta-Rite
Model	DHJ-170M	DHJ-170M
Capacity (gpm)	90	90
Motor HP	5	5
Date Installed	Unknown	Unknown
Maintenance	Good	Good

Comments There is an upturned, uncoverd pipe that needs to be downturned and screened.

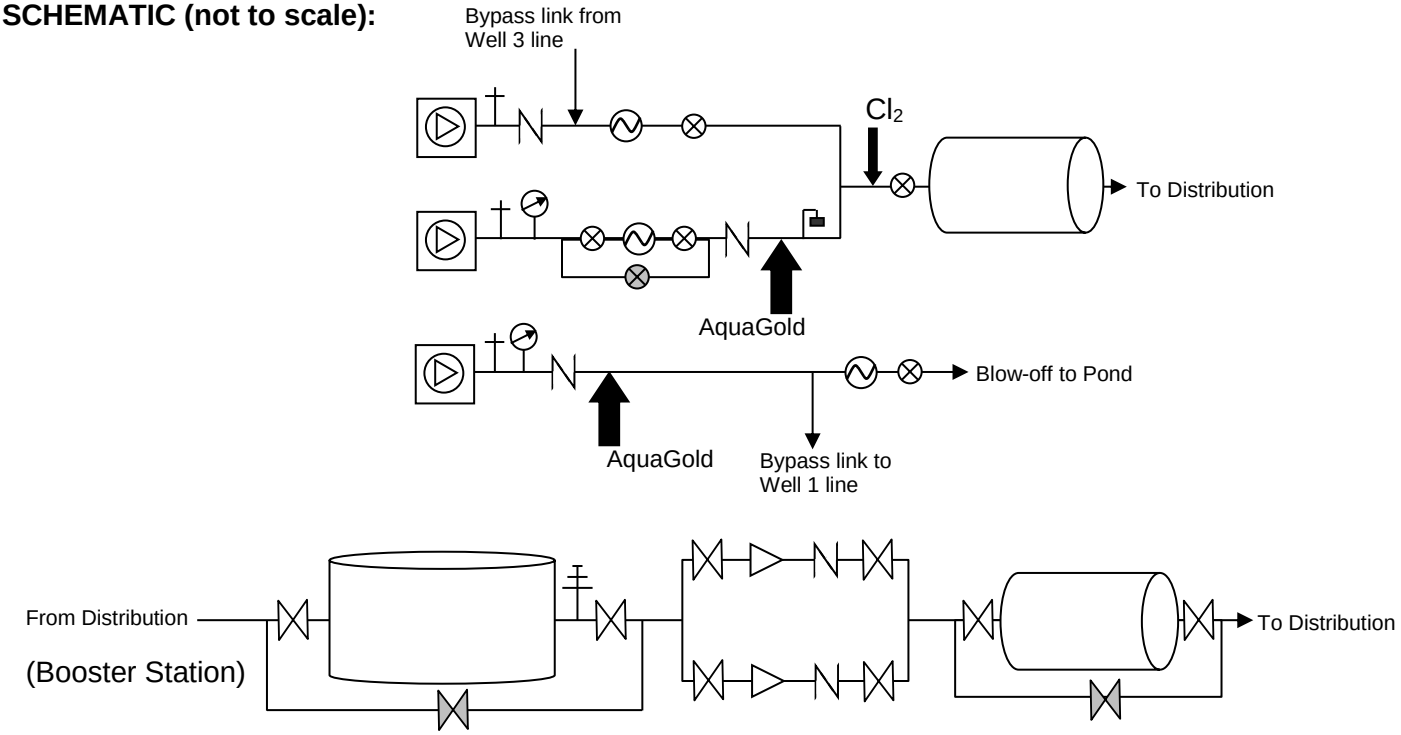
Taylor Coastal Water & Sewer D.

PWS ID # 2624165
Survey Date 03/02/2017

Monitoring Schedule					
Chemical	**Next Due**	**Comments**	**Chemical**	**Next Due**	**Comments**
Bacteriologicals	Monthly	2 Distributions samples	VOCs	2018	Triennially
Disinfectant Levels	Monthly	With Bactis	SOCs	1st Q 2017; Next Full Set due 2018	Di(2-ethylhexyl) Phthalate, Dinoseb, & 2,4-D
Nitrate & Nitrite	2017	Annually	Rads	2018	
Inorganics	2018	Triennially	DBPs	2017	Stage 2, Jul-Sep
Asbestos	2021		Pb-Cu	2017	Jul-Sep
Secondaries	2018	Triennially	WQPs	N/A	Not Required

**Sample locations vary. If you have any questions, please contact your inspector.*

SCHEMATIC (not to scale):



SCHEMATIC KEY:

Well w/submersible pump	Cl_2 Injection	Check Valve	AquaGold Injection	Threaded tap (w/HBVB)	Flow Meter	Threaded tap (no HBVB)
	Cl_2		AquaGold			

Raw Taps	Jet Pump	Pressure Gauge	Valves (closed)	Valves (open)	Ground Storage	Hydro Tank

Taylor Coastal Water & Sewer D.

PWS ID # 2624165
Survey Date 03/02/2017

MONITORING VIOLATIONS	MCL VIOLATIONS
2015 - missed 3Q bactis	None

DEFICIENCIES:

#	Deficiency	Rule Reference	Corrective Action	Severity	Corrected
1	**Blow-off pipe at Booster Pumps HSPs is not downward facing**	**62-555.320(8)(b)2**	**Provide a downward facing blow-off pipe with a 24 mesh screen or cap**	**Minor**	**Yes**

Any deficiency marked with an asterisk (*) is a repeat violation.

ADDITIONAL COMMENTS:

3/2/17 – Emailed operator with the deficiency

3/3/17 - received email with photo of deficiency corrections

Inspector: Kimberly Mann

Kimberly Mann, Environmental Specialist I (904) 256-1564 kimberly.mann@dep.state.fl.us

Approved by: Joni Petry

Joni Petry, Environmental Consultant

Appendix R

TCWSD Rate Chart

10/1/2018	RATE CHART			
USAGE	**WATER**	**SEWER**	**GP**	**TOTAL**
3,000	$30.90	$43.76	$12.50	$87.16
4,000	$32.83	$50.92	$12.50	$96.25
5,000	$34.76	$58.08	$12.50	$105.34
6,000	$36.69	$65.24	$12.50	$114.43
7,000	$38.95	$72.40	$12.50	$123.85
8,000	$41.21	$79.56	$12.50	$133.27
9,000	$43.47	$86.72	$12.50	$142.69
10,000	$46.33	$93.88	$12.50	$152.71
11,000	$49.19	$101.04	$12.50	$162.73
12,000	$52.05	$108.20	$12.50	$172.75
13,000	$54.91	$115.36	$12.50	$182.77
14,000	$57.77	$122.52	$12.50	$192.79
15,000	$60.63	$129.68	$12.50	$202.81
16,000	$64.04	$136.84	$12.50	$213.38
17,000	$67.45	$144.00	$12.50	$223.95
18,000	$70.86	$151.16	$12.50	$234.52
19,000	$74.27	$158.32	$12.50	$245.09
20,000	$77.68	$165.48	$12.50	$255.66
21,000	$81.09	$172.64	$12.50	$266.23
22,000	$85.22	$179.80	$12.50	$277.52
23,000	$89.35	$186.96	$12.50	$288.81
24,000	$93.48	$194.12	$12.50	$300.10
25,000	$97.61	$201.28	$12.50	$311.39
26,000	$101.74	$208.44	$12.50	$322.68
27,000	$105.87	$215.60	$12.50	$333.97
28,000	$110.83	$222.76	$12.50	$346.09
29,000	$115.79	$229.92	$12.50	$358.21
30,000	$120.75	$237.08	$12.50	$370.33
31,000	$125.71	$244.24	$12.50	$382.45

10/1/2018	RATE CHART			
USAGE	**WATER**	**SEWER**	**GP**	**TOTAL**
32,000	$130.67	$251.40	$12.50	$394.57
33,000	$135.63	$258.56	$12.50	$406.69
34,000	$141.42	$265.72	$12.50	$419.64
35,000	$147.21	$272.88	$12.50	$432.59
36,000	$153.00	$280.04	$12.50	$445.54
37,000	$158.79	$287.20	$12.50	$458.49
38,000	$164.58	$294.36	$12.50	$471.44
39,000	$170.37	$301.52	$12.50	$484.39
40,000	$176.99	$308.68	$12.50	$498.17
41,000	$183.61	$315.84	$12.50	$511.95
42,000	$190.23	$323.00	$12.50	$525.73
43,000	$196.85	$330.16	$12.50	$539.51
44,000	$203.47	$337.32	$12.50	$553.29
45,000	$210.09	$344.48	$12.50	$567.07
46,000	$217.54	$351.64	$12.50	$581.68
47,000	$224.99	$358.80	$12.50	$596.29
48,000	$232.44	$365.96	$12.50	$610.90
49,000	$239.89	$373.12	$12.50	$625.51
50,000	$247.34	$380.28	$12.50	$640.12
51,000	$254.79	$387.44	$12.50	$654.73
52,000	$263.07	$394.60	$12.50	$670.17
53,000	$271.35	$401.76	$12.50	$685.61
54,000	$279.63	$408.92	$12.50	$701.05
55,000	$287.91	$416.08	$12.50	$716.49
56,000	$296.19	$423.24	$12.50	$731.93
57,000	$304.47	$430.40	$12.50	$747.37
58,000	$312.75	$437.56	$12.50	$762.81
59,000	$321.03	$444.72	$12.50	$778.25
60,000	$329.31	$451.88	$12.50	$793.69

10/1/2018	RATE CHART			
USAGE	**WATER**	**SEWER**	**GP**	**TOTAL**
61,000	$337.59	$459.04	$12.50	$809.13
62,000	$345.87	$466.20	$12.50	$824.57
63,000	$354.15	$473.36	$12.50	$840.01
64,000	$362.43	$480.52	$12.50	$855.45
65,000	$370.71	$487.68	$12.50	$870.89
66,000	$378.99	$494.84	$12.50	$886.33
67,000	$387.27	$502.00	$12.50	$901.77
68,000	$395.55	$509.16	$12.50	$917.21
69,000	$403.83	$516.32	$12.50	$932.65
70,000	$412.11	$523.48	$12.50	$948.09
71,000	$420.39	$530.64	$12.50	$963.53
72,000	$428.67	$537.80	$12.50	$978.97
73,000	$436.95	$544.96	$12.50	$994.41
74,000	$445.23	$552.12	$12.50	$1,009.85
75,000	$453.51	$559.28	$12.50	$1,025.29
76,000	$461.79	$566.44	$12.50	$1,040.73
77,000	$470.07	$573.60	$12.50	$1,056.17
78,000	$478.35	$580.76	$12.50	$1,071.61
79,000	$486.63	$587.92	$12.50	$1,087.05
80,000	$494.91	$595.08	$12.50	$1,102.49
81,000	$503.19	$602.24	$12.50	$1,117.93
82,000	$511.47	$609.40	$12.50	$1,133.37
83,000	$519.75	$616.56	$12.50	$1,148.81
84,000	$528.03	$623.72	$12.50	$1,164.25
85,000	$536.31	$630.88	$12.50	$1,179.69
86,000	$544.59	$638.04	$12.50	$1,195.13
87,000	$552.87	$645.20	$12.50	$1,210.57
88,000	$561.15	$652.36	$12.50	$1,226.01
89,000	$569.43	$659.52	$12.50	$1,241.45

10/1/2018	RATE CHART			
USAGE	**WATER**	**SEWER**	**GP**	**TOTAL**
90,000	$577.71	$666.68	$12.50	$1,256.89
91,000	$585.99	$673.84	$12.50	$1,272.33
92,000	$594.27	$681.00	$12.50	$1,287.77
93,000	$602.55	$688.16	$12.50	$1,303.21
94,000	$610.83	$695.32	$12.50	$1,318.65
95,000	$619.11	$702.48	$12.50	$1,334.09
96,000	$627.39	$709.64	$12.50	$1,349.53
97,000	$635.67	$716.80	$12.50	$1,364.97
98,000	$643.95	$723.96	$12.50	$1,380.41
99,000	$652.23	$731.12	$12.50	$1,395.85
100,000	$660.51	$738.28	$12.50	$1,411.29

RULES AND REGULATIONS
OF
TAYLOR COASTAL WATER & SEWER DISTRICT
FOR WATER AND SEWER SERVICE
Adopted November 20, 2002
(Amended May 21, 2007) (Amended March 26, 2013)
(Amended July 22, 2014) (Amended October 1, 2014) (Amended October 1, 2015) (Amended October 1, 2016) (Amended October 1, 2017) (Amended May 22, 2018) (Amended October 1, 2018)

I CLASSIFICATIONS OF SERVICES:

WATER: The Taylor Coastal Water & Sewer District shall provide a ¾ inch supply line at the base rate of $30.901 for the first three thousand gallons of water. Where water demands dictate (to be determined by the District), a 1" line will be provided at a base rate of $30.15 per month. Demands that exceed the capability of a 1" line will be considered on a case by case basis with a base rate to be determined by the District. Any water installation request within the Coastal High Hazard area (Zones A and V) will be required to hook up to the District's sewerage system.

SEWER: The Taylor Coastal Water & Sewer District shall provide sewer service at a base rate of $43.769 for the first three thousand gallons. A $12.50 per grinder pump per month fee will be assessed for Grinder Pump Maintenance.

II REQUEST FOR SERVICES – WATER ONLY CUSTOMERS:

(a) Any water installation request within the Coastal High Hazard area (Zones A and V) will be required to hook up to the District's sewerage system. Commercial water only accounts for landscaping and ice business are exempt from this requirement.
(b) A consumer may request water service for an existing residential or commercial lot by paying a one thousand dollar ($1,000) connection fee and filing the required information with the District office. This connection fee is for a designated lot (or parcel) number and only for that lot (or parcel) number and is not refundable. The transfer of this fee from one lot to another is prohibited. Upon payment and receipt of the required information, the District will issue a work order for meter installation.
(c) A service fee of two thousand dollars ($2,000) will be levied on newly created lots within the District that desire water service. In addition, service fees will be levied on redevelopment activity where the redevelopment is to a more intensive use that requires more water. In these cases, the service fee will be two thousand dollars ($2,000) per unit for residential or two thousand dollars ($2,000) per equivalent residential unit (3,000 gallons per month of usage) for commercial. These service fees will be deposited into a capital improvements fund that will be utilized to finance the construction of new water supply wells, storage facilities, and distribution piping to serve new developments. This service fee must be paid directly to TCW&SD before the District can issue a letter that water service will be available. The current connection fee of one thousand dollars ($1,000) will remain in place and must be paid before the new lot is connected to the system.
(d) The District may reject any request for service not available under the standard rate or which involves excessive service cost, or which may affect the supply of service to other customers or for other good and sufficient reason.