

Sullivan’s Island Town Council
2056 Middle Street
Tuesday, July 21, 2020
6:00 p.m.

Virtual Meeting as a Result of COVID-19 Pandemic

The public may join the virtual meeting by clicking.

<https://us02web.zoom.us/j/86109493093?pwd=UDBoZlArQWdZVlhrY0MwNm5ja3dTdz09>

Follow the prompts to download and run the Zoom application on your computer or mobile device. You will be prompted to set up a free Zoom account. Once you have completed sign up, click to join the audio conference. When you’re in the meeting, you may click on the Start Video button to start your video. If you already have a Zoom account and would like to manually join the meeting, our Meeting ID is 861 0949 3093 and the password is 29482.

Welcome and Pledge of Allegiance
Invocation

- I. Presentation:** Dr. Anna Eskridge, Charleston County Community Development Program- Citizen Input and Review of Five (5) Year Consolidated Needs Plan
- II. Presentation:** 2020 Beach Monitoring Survey- Review of the 2020 Beach Condition Survey by Dr. Nicole Elko of Elko Coastal Consulting Inc.
- III. Presentation:** Proposed 2020/2021 Operating Budget by CARTA Staff
- IV. Format:** Public Comments
- V. Council Action Items**
 1. Approval of Minutes:
 - June 16, 2020 Special Council Meeting
 - June 16, 2020 Regular Council Meeting
 - June 26, 2020 Special Council Meeting
 - July 1, 2020 Emergency Council Meeting
 - July 8, 2020 Special Council Meeting
 - July 15, 2020 Special Council Meeting
 2. Third Reading and Ratification, Ordinance 2020-11, An Ordinance to Provide for the Issuance and Sale of Not Exceeding One Million Seven Hundred Thousand Dollars (\$1,700,000) Town of Sullivan’s Island, South Carolina, General Obligation Bonds, in one or more series; to prescribe the purposes for which the proceeds shall be expended; to provide for the payment thereof; and other matters relating thereto

(Continued)

3. Second Reading, Ordinance 2020-12, An Ordinance Granting Charleston Water System a temporary construction easement and permanent waterline easement on Town Parcel TMS #529-05-00-036 (Soccer Field) as delineated by the surveyor drawings
4. Consideration of a motion to suspend the Rules of Procedure for Third Reading and Ratification, Ordinance 2020-12, An Ordinance Granting Charleston Water System a temporary construction easement and permanent waterline easement on Town Parcel TMS #529-05-00-036 (Soccer Field) as delineated by the surveyor drawings
5. Approval of Victims' Rights Fund Distribution to the National Crime Victims Research and Treatment Center at MUSC, My Sister's House and People Against Rape
6. Approval of the June 10, 2020 Recreation Committee Meeting Minutes (Committee Members Only)
7. Approval of the June 11, 2020 Public Facilities Meeting Minutes (Committee Members Only)

VI. Reports and Communication

1. Mayor's Report
2. Administrator's Report
3. Attorney's Report
4. Boards and Commissions Reports
 - a) Planning Commission
 - b) Board of Zoning Appeals
 - c) Design Review Board
 - d) Tree Commission
 - e) Municipal Elections Commission
 - f) Park Foundation

VII. Committee Reports – Discussion Items

1. Finance Committee
2. Public Facilities Committee
3. Land Use & Natural Resources Committee
4. Administration Committee
5. Water & Sewer Committee
6. Public Safety Committee
7. Recreation Committee

VIII. Adjourn



2020 Beach Monitoring Survey

TOWN OF SULLIVAN'S ISLAND, SC

Elko Coastal Consulting, Inc. | June 2020



Technical Report

2020 Beach Monitoring Survey: Town of Sullivan's Island, SC

Prepared for:

Town of Sullivan's Island
P.O. Box 427, Sullivan's Island, SC 29482

Prepared by:

Elko Coastal Consulting, Inc.
P.O. Box 1451, Folly Beach, SC 29439
(843) 371-7082

June 2020

Cover Photo: June 2020 Ground photo of Monument 3065 near Station 26, looking southwest

Contents

Technical Report	1
1. Executive Summary.....	1
2. Introduction	1
3. Survey Methodology	2
Other data utilized in this study.....	3
4. Shoreline and Volume Change Analysis	5
3.1 MHW Position Relative to the OCRM Baseline: 2014-2020.....	5
3.2 Volumetric Analysis.....	6
3.2.1 Unit volume to DOC by Monument: 2014-2020.....	7
3.2.2 Island-wide Volume Change Estimates.....	8
3.3 Beach Conditions by Monument.....	10
3010	10
3020.....	13
3035.....	16
3050.....	19
3065.....	22
3080	25
3083.....	28
3085.....	31
3090	34
3092.....	37
3095.....	40
5. Summary of 2020 Beach Monitoring Survey.....	43

1. Executive Summary

Annual beach monitoring began on Sullivan's Island in 2016 to better understand the beach performance on the island. In addition to data collected in this study effort, beach profile data collected by the state in 2014 and 2015 were also used. Over the last seven years (since 2014), the beach has been relatively stable with some erosion along the northeast end of the island and accretion along the central and southwest end.

The healthy sand supply along Isle of Palms and net longshore transport into the Charleston Entrance Bight have produced frequent, large-scale, shoal bypassing across Breach Inlet. These sand bar attachment events, which are common on Sullivan's Island, were documented by this monitoring in 2014 and 2018-19. In general, the updrift spit at Breach Inlet overextends the channel entrance and periodically breaches, triggering a shoal-bypassing event¹.

Sediment from the 2018-19 attachment supplied sand to the center of the island in 2019 and in 2020 the sand was transported in both directions alongshore. Unfortunately, this sediment has not yet been transported to the eroding east end. Continued monitoring of the beach, and in particular, the erosional conditions on the east end is important.

On average, the shoreline eroded 13.5 ft between 2019 and 2020 (landward movement) along the island. The average volume change during this time period was only -1.5 cy/ft, indicating that the island was very stable during the last year.

2. Introduction

The purpose of this work is to provide an annual condition survey to monitor the Sullivan's Island beach. The intention is to survey the beach annually at the beginning of hurricane season in order to monitor changes to the beach from normal and/or storm conditions. Annual monitoring not only provides baseline conditions for each storm season, but also a comparison of past year's monitoring data that yields change rates important for understanding beach performance over time.

The beach on Sullivan's Island has generally been accretional due to its location on the updrift side of the Charleston Harbor jetties (Figure 1). As a result, little data had been collected to quantify and understand the physical coastal processes as is common on barrier islands with erosion problems. The Town's Local Comprehensive Beach Management Plan² provides an overview of the studies to date.

¹ Timothy W. Kana, Steven B. Traynum, Dan Gaudio, Haiqing L. Kaczowski, and Trey Hair, 2013. *The Physical Condition of South Carolina Beaches 1980-2010*, *Journal of Coastal Research*, sp iss 69.

² ATM, 1992. *Local Comprehensive Beach Management Plan, Town of Sullivan's Island, May 1992*, 233 p.

This effort continues an annual data collection and analysis plan for the Town of Sullivan's Island that started in 2016. In early 2018, a beach nourishment project placed about 1.7 million cubic yards of sand on the neighboring Isle of Palms. This influx of sediment to the barrier island system updrift of Charleston Harbor will likely have an impact on Sullivan's Island but thus far, it is unclear what the effect will be.



Figure 1. Location map of Sullivan's Island (image modified from Google Earth).

3. Survey Methodology

Topographic and hydrographic data collection (beach profile surveys) occurred on June 2, 2020. A total of 11 profile surveys were measured at existing Coastal Council/OCRM Monuments (Figure 2). On Sullivan's Island, the OCRM Monument spacing ranges from approximately 500 to 2,000 ft.

The monuments are survey benchmarks, which are permanent metal disks in the ground with information stamped on the face that mark a specific point that can be consistently reoccupied. On Sullivan's Island, these survey benchmarks begin with Monument 3010 at the southwest end of the island adjacent to the Entrance to Charleston Harbor and end at Monument 3095 at Breach Inlet. The lines illustrated in Figure 2 extending offshore from the monuments are the profile lines along which surveyors collect elevation measurements. These measured beach profiles describe a cross-section of the topography and bathymetry of the sand surface along the dry beach and nearshore/sand bar regions (e.g., Figure 7). By surveying the same line routinely, scientists can measure the change in sand volume or shoreline position, for example.



Figure 2. 2015 aerial photo illustrating the eleven (11) beach profile lines and corresponding SCDHEC-OCRM Monuments on Sullivan's Island. The solid black line running parallel to the shoreline through the dunes is the OCRM Baseline.

Surveys out to the “depth of closure” were collected in order to appropriately calculate volume changes along the beach. The depth of closure represents the offshore location where measurable sediment transport ceases. Here, closure depth is roughly -12 ft NAVD88.

Each profile extended from the OCRM Monument to either -14 NAVD88 or 1,400 feet from the toe of the dune, whichever was more landward. In some cases, this meant extending the profile lines up to 4,000 ft offshore to capture the nearshore sand bar feature and reach the depth of closure (e.g., Figure 3 and Figure 4).

The upland portion of the profiles was conducted by RTK GPS standard land surveying techniques and extended seaward to a wading depth deep enough to overlap with the offshore portion of the profile survey. Profile data points were collected at a maximum interval of 25 feet and at all significant elevation changes such as dunes, berms, scarp lines, seawalls, or sand bars.

The offshore portion of the survey was conducted by hydrographic techniques using a vessel mounted fathometer along with kinematic GPS. The survey equipment and methodology complied with USACE standards for hydrographic surveying.

OTHER DATA UTILIZED IN THIS STUDY

Beach profile data was also collected during the summer of 2014 and 2015 by SCDHEC OCRM and served to the general public through the S.C. Beach Erosion and Monitoring ([BERM Explorer](#)) application. The combination of these data and the survey data collected for this work provides seven years of data over a study period of 2014 to 2020.

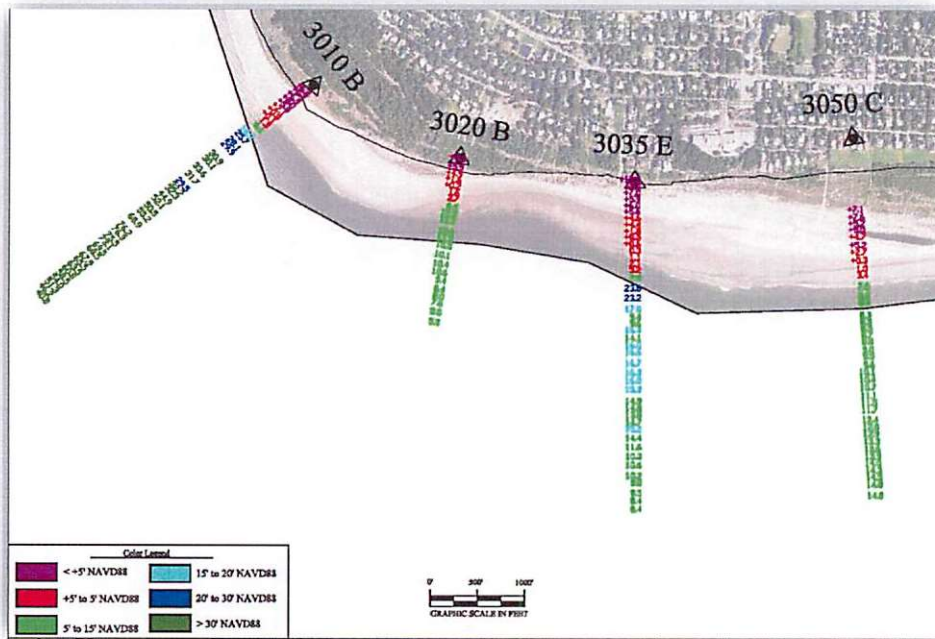


Figure 3. Topographic and bathymetric 2020 survey data illustrating the measured elevation along each line for the southwest end of Sullivan's Island.

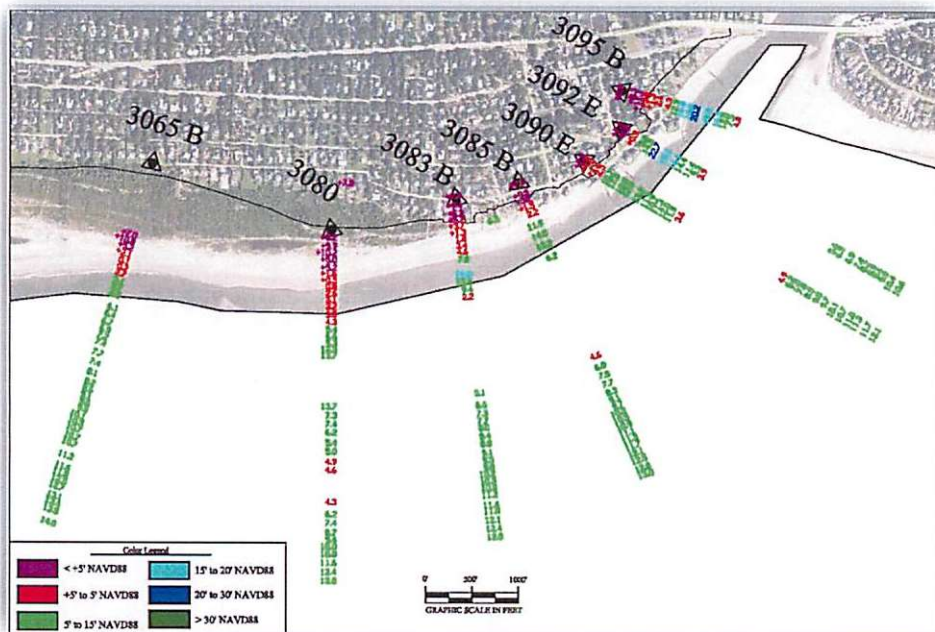


Figure 4. Topographic and bathymetric 2020 survey data illustrating the measured elevation along each line for the northeast end of Sullivan's Island.

4. Shoreline and Volume Change Analysis

The shoreline change analysis was conducted by measuring the position of the Mean High Water (MHW) contour (2.03 ft NAVD88) relative to the OCRM baseline. The volume change analysis was conducted by measuring the volume of sand on the profile from the seawardmost dune crest to the depth of closure (-12ft NAVD88) when possible.

3.1 MHW POSITION RELATIVE TO THE OCRM BASELINE: 2014-2020

The position of MHW relative to the baseline is a useful measurement (Figure 5) because it illustrates both the change in shoreline position from year to year, as well as the distance between the shoreline and baseline – an indicator of the level of storm damage protection provided by the beach/dune system at each monument.

During the study period, the Sullivan's Island shoreline changed dramatically between 2014 and 2015. Between 2015 and 2019, the shoreline gradually recovered back to near the 2014 position in most cases (Figure 5). During the last year, between 2019 and 2020, the shoreline along the northeastern 2/3 of the island retreated again to near 2015 conditions. Average shoreline change between 2019 and 2020 was 13.5 ft of landward movement (erosion). Several areas were flagged in previous monitoring reports and are discussed below.

The northeast end of the island, between Monuments 3090 and 3095 and adjacent to Breach Inlet, was flagged in the 2016 report. It is under continual erosional pressure due to the southwesterly migration of Breach Inlet, but has been stabilized by erosion control structures. Minor shoreline change has occurred along this northeastern end between 2015 and 2019 (i.e., stability); however, shoreline erosion was measured during the last year of monitoring between 2019 and 2020 (Figure 5). The small distance between the shoreline and the OCRM baseline suggests erosional pressure and the need for continued monitoring. There is little storm damage protection at this location.

During the last year, shoreline advancement was measured at Monuments 3083 and 3085. This is a result of the longshore spreading of the sand that attached to the central portion of the island in 2018 and 2019. Note that the shoreline along the central portion of the island, between Station 31 and 22 (between OCRM Monuments 3050 and 3085), tends to fluctuate in response to Breach Inlet shoal attachment events³ (Figure 5).

Downdrift of this region, in the vicinity of the Charleston Harbor jetty, the shoreline has been stable to accretional over the last five years.

At the sandbar attachment point, near Station 26 (OCRM Monument 3065), the shoreline moved about 140 ft landward between 2019 and 2020. This location is represented by the bottom of the curve of the lines near 8,000 ft alongshore (Figure 5). This suggests that a sandbar attachment event occurred in 2018 and 2019, and that sand is now spreading out

³ ATM, 1992. LCBMP (see Footnote 1).

alongshore. Notice that the 2020 MHW shoreline position line is similar to the 2015 shape, suggesting that the island is in a one-year post-attachment phase.

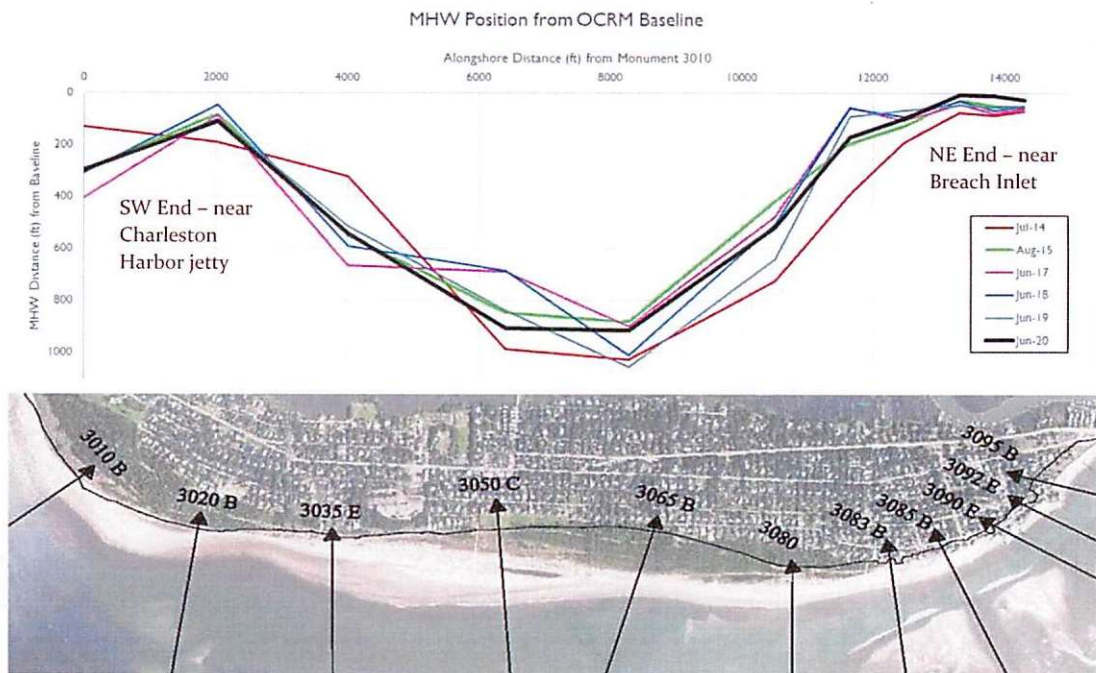


Figure 5. Annotated MHW Position graph aligned with the aerial photo from Figure 2, illustrating the change in shoreline position from 2014 to 2020, as well as the distance between the shoreline and baseline. Note the scale shows wider (larger) shoreline widths toward the bottom to correspond with the map.

Perhaps most interesting observation is that the only location on the island that has exhibited shoreline advancement since 2014 is the area close to Charleston Harbor (Monuments 3010 & 3035). Thus, with the exception of the beach adjacent to Charleston Harbor, the Sullivan's Island shoreline has not been advancing seaward since 2014. In other words, the island is not endlessly growing seaward. The shoreline has reached a dynamic equilibrium.

3.2 VOLUMETRIC ANALYSIS

As noted above, the volume change analysis was conducted by measuring the volume of sand on the profile from the seawardmost dune crest to the depth of closure (-12ft NAVD88) when possible. These two locations were selected to approximate the limits of measurable sand movement across the beach portion of the profile. The nearshore sand bar was intentionally left out of the calculations when possible because the bar often complicates beach profile volume calculations. When the profile does not "close" at or before -12 ft, volume is calculated out to the location where the lines intersect (i.e., the visible depth of closure).

There is no doubt that the nearshore sand bar and the beach exchange sediment, but in order to understand the beach volume change, an effort was made to separate the beach profile from the nearshore sand bar when the bar was separated by a deep channel and not welding to the beach face. The volume of the nearshore bar can be approximated in the future if necessary.

3.2.1 Unit volume to DOC by Monument: 2014-2020

As suggested in the MHW analysis, northeastern Sullivan's Island has less storm protection in place than the rest of the island. Despite the narrowing beach, the average unit volume to the depth of closure (DOC) has been stable at near 130 cubic yards per foot (cy/ft) from 2016 to 2020. The rest of the island has at least 200 cy/ft of volume along each measured profile (Figure 6).

The other end of the island, near Charleston Harbor, has exhibited remarkably stable unit volume measurements over the last four years. Between monuments 3020 and 3035 (Sta. 19 west to the Sand Dunes Club), very little volume change has been measured. As is expected adjacent to inlets, monument 3010, closest to the channel is more dynamic.

During this monitoring period, as in 2015, the central portion of the island (between Monuments 3050 and 3080) lost volume as sediment from the sand bar attachment event spread out. However, volume did not decrease to the 2015 level. This suggests that while the island is not building (prograding) seaward in terms of shoreline position, it is gaining volume along the central portion. Most of this volume increase is due to sand accumulation in the dunes and backbeach. The next section details this volume increase and other specific changes using beach profile data from each monument.

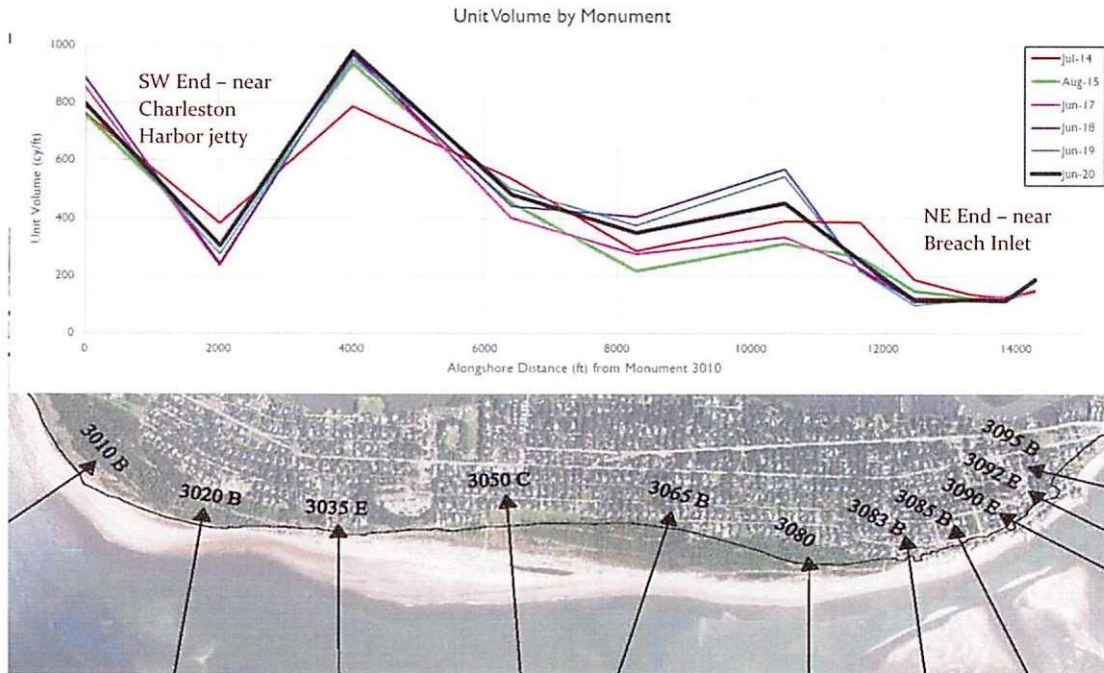


Figure 6. Annotated Unit Volume graph illustrating the change in unit volume at each profile from 2014 to 2020. Note the scale shows larger volumes toward the top of the plot.

3.2.2 Island-wide Volume Change Estimates

Due to the large distance between OCRM Monuments on Sullivan's Island, it is difficult to calculate total volume statistics for the island using data from only 11 profiles. Small fluctuations in volume at a single beach profile translate to relatively large volume change statistics when applied over long distances. Thus, the volume change estimates provided in Table 1 should be treated as approximations.

From 2016 to 2020, the total volume change was a gain of 226,373 cy (Table 1). Half of the island is gaining sand, and half is losing sand volume. Between Charleston Harbor and Station 26 (Monument 3065), sand volume is increasing. Between Station 26 and Breach Inlet, sand volume is decreasing. In the last year, the island lost 68,423 cy (erosion) with the most volume loss occurring in the center of the island at Station 28 (Monument 3080). This volume loss was the result of sand from the 2018-2019 sand bar attachment event spreading out.

Table 1. Volume change estimate for Sullivan's Island from 2016 to 2020 and for 2019 to 2020.

Monument	2016-2020		2019-2020	
	Avg. Change Between Profiles (cy/ft)	Total Between Profiles (cy)	Avg. Change Between Profiles (cy/ft)	Total Between Profiles (cy)
3010 B				
	23.0	61,980	14.3	38,620
3020 B				
	19.1	39,296	28.8	59,218
3035 E				
	50.6	123,113	5.8	14,106
3050 C				
	44.7	78,167	-21.5	-37,696
3065 B				
	-3.8	-8,694	-58.5	-135,367
3080				
	-21.6	-31,579	-27.6	-40,367
3083 B				
	-20.4	-20,607	23.7	23,988
3085 B				
	-10.3	-9,865	6.0	5,701
3090 E				
	-7.7	-4,179	1.2	666
3092 E				
	-2.6	-1,259	5.6	2,709
3095 B				
Total Volume Change (cy)		226,373		-68,423

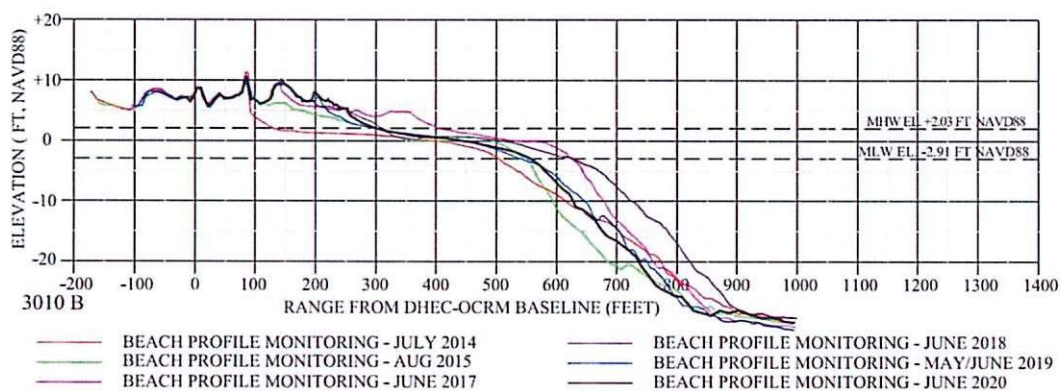
3.3 BEACH CONDITIONS BY MONUMENT

In addition to survey data collection, this study also conducted a beach condition assessment by taking ground photographs at each OCRM Monument and noting the condition of the beach. This section includes the condition assessment information and a beach profile data plot for each OCRM Monument.

Heavy recreational use of the beach had been limited for several weeks at the time of the survey due to a local exercise-only regulation enacted during the COVID-19 pandemic. As such, the dunes accumulated significant amounts of sand and were building seaward overall.

3010

This is the southwesternmost OCRM Monument on Sullivan’s Island, located along the long beach access path at Station 16 with the nature trail. The beach is located on the Charleston Harbor side (“inside”) of the jetty. Consistent with the measured beach profile data (Figure 7), observations indicated that the dunes had advanced seaward up to 50 feet as compared to the 2019 conditions (Figure 8). However, the beach was narrow at about 15 feet wide and eroding with a small 6-inch scarp. Significant storm rack had accumulated along the back beach, all the way up to the toe of the dune (Figure 9). No dune overtopping was evident. According to the 2020 volume calculation, this profile has a unit volume of 793 cy/ft. This is the same unit volume as in 2019.



NOTES:
1. MHW & MLW EL. REFERENCED TO NOAA STATION 8665552 - BREACH INLET, SC.

Figure 7. Beach profile monitoring data from 2014-2020 in cross-section view at Monument 3010.



Figure 8. Ground photo taken at Monument 3010 looking east on June 6, 2019 (top) and June 2, 2020 (bottom). Note the narrower beach but increased vegetation on the dune in 2020.



Figure 9. Ground photo taken at Monument 3010 looking west on June 6, 2019 (top) and June 2, 2020 (bottom). Note the higher elevation of the backbeach in 2020.

3020

Monument 3020 is located along the long beach access path at the Sand Dunes Club. Significant erosion had taken place here since 2014 that included loss of a large dune and submerged nearshore sand body (Figure 10). Considerable recovery occurred during this monitoring interval (2019-2020). A dune has been reestablished farther landward of the eroded 2014 dune and the beach berm and nearshore sand body accreted.

Beach observations confirmed that the recovery that began in 2019 continued in 2020 with a 2-ft high dune advancing seaward along the back beach to the high tide line. Dead trees along the dune line were buried with sand. The beach was accreting with at least 35 ft of dry beach at high tide. A sand bar had attached to the updrift beach and the beach berm accreted (Figure 11). Dune recovery continued (Figure 12).

According to the 2020 volume calculation, this profile has a unit volume of about 305 cy/ft, which is in stark contrast to the surrounding accretional areas. This monument is influenced by its location downdrift of the Charleston Harbor jetty.

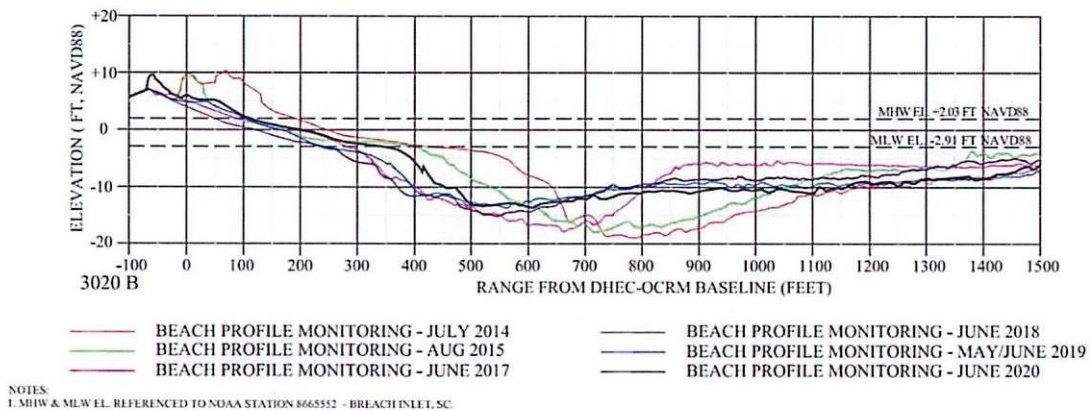


Figure 10. Beach profile monitoring data from 2014-2020 in cross-section view at Monument 3020.



Figure 11. Ground photo taken at Monument 3020 looking northeast on June 6, 2019 (top) and June 2, 2020 (bottom). Notice the evolution of the sand bar attachment on the beach to the northeast.



Figure 12. Ground photo taken at Monument 3020 looking southwest on June 6, 2019 (top) and June 2, 2020 (bottom). Note the recovery of dune vegetation to the southwest in 2020.

3035

Monument 3035 is located along the long beach access path at Station 19. This area has been the beneficiary of recent sandbar attachment events (Figure 13). The beach has been wide and accreting for the last several years. A new primary dune has formed since 2014. In 2020, beach observations confirmed that a wide backbeach with a distinct berm slope break existed (Figure 14 and Figure 15). Additionally, the backbeach was covered with incipient dunes in the form of small, hummocky mounds seaward of the primary dune line. Evidence of past ponding landward of this area was observed, which is common at this location.

According to the 2020 volume calculation, this profile has a unit volume of 980 cy/ft. The beach profile at this monument is influenced by the sediment trapping effect of the Charleston Harbor jetty.

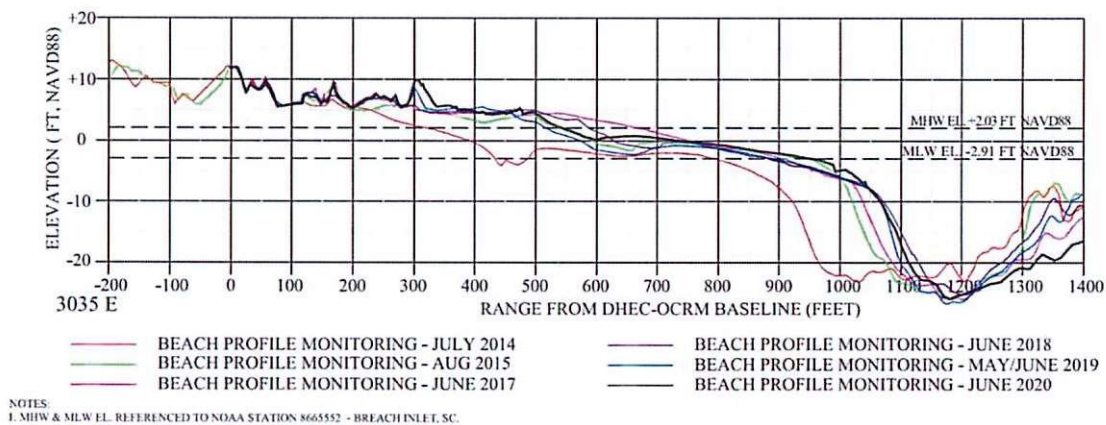


Figure 13. Beach profile monitoring data from 2014-2020 in cross-section view at Monument 3035.



Figure 14. Ground photo taken at Monument 3035 looking northeast on June 6, 2019 (top) and June 2, 2020 (bottom). Note increased elevation of the backbeach.



Figure 15. Ground photo taken at Monument 3035 looking southwest June 11, 2019 (top) and June 2, 2020 (bottom). Note the higher berm elevation.

3050

Monument 3050 is located along the long beach access path at Station 22.5 in the center of the island. Beach profile data indicate the onshore transport of the recent sand bar attachment events that occurred here in 2014 and 2018-19 (Figure 16). Over the last five years, sediment from these attachment events have welded to the shoreface and resulted in the 2020 beach which includes a wide berm and new, tall primary dune.

The beach observations confirm that the 2020 beach was over 100 ft wide and accretional. The dunes were healthy with new growth and the backbeach was covered with incipient dunes and coppice mounds (small starter dune-like features). Evidence of past backbeach ponding was observed.

According to the 2020 volume calculation, this profile has a unit volume of 480 cy/ft. The beach profile at this monument benefits from its location updrift of the Charleston Harbor jetty. Sand volume has been relatively stable at this profile fluctuating between 400 and 500 cy/ft and the shoreline position has also fluctuated considerably. The data indicate stability rather than uninhibited accretion and progradation.

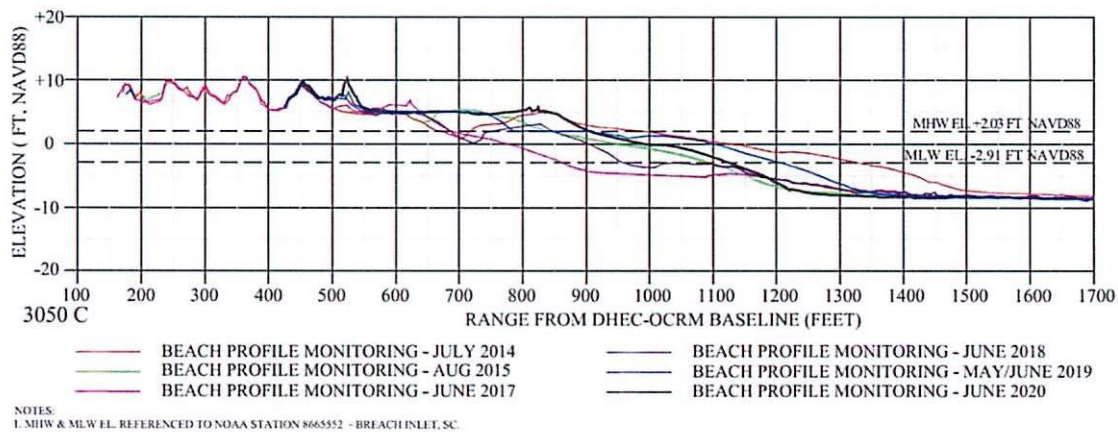


Figure 16. Beach profile monitoring data from 2014-2020 in cross-section view at Monument 3050.



Figure 17. Ground photo taken at Monument 3050 looking northeast on June 6, 2019 (top) and June 2, 2020 (bottom). Note the sandbar attachment in 2019.



Figure 18. Ground photo taken at Monument 3050 looking southwest June 6, 2019 (top) and June 2, 2020 (bottom). Note the sandbar attachment in 2019.

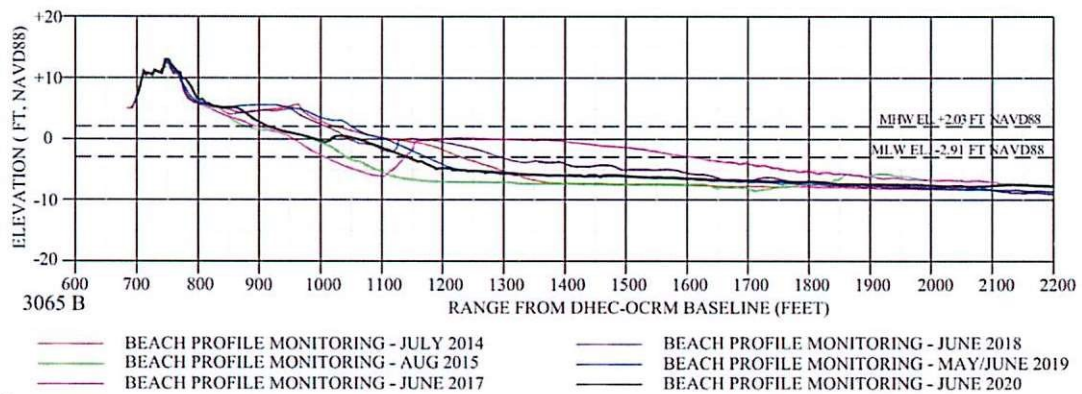
3065

Monument 3065 is located along the long beach access path at Station 26, which traverses a beachfront marsh environment containing significant standing water. Shoreline and beach profile data indicate that this is the widest maritime forest, beachfront marsh, dune and beach system on the island.

This monument is near the sandbar attachment point, which fluctuates but in 2019 was located near Sta. 27.5. The bar comes onshore and then begins to spread in both directions alongshore.

The profile goes through cycles of erosion and accretion as new sand bars attach and the sand is dispersed alongshore. For example, past beach profile data indicated substantial beachface erosion following the 2014 attachment event (Figure 19) as the sediment spread along the beach. In 2020, beach width was reduced considerably as sand from the 2019 sand bar attachment spread downdrift.

Beach observations confirm that the beach had narrowed to about 70 ft wide at high tide (Figure 20 and Figure 21). Consistent with the other profiles on the island, the primary dune was building seaward with new growth and no sign of overtopping despite considerable rack debris along the back beach. According to the 2020 volume calculation, this profile has a unit volume of 350 cy/ft.



NOTES:
1. MHW & MLW EL. REFERENCED TO NOAA STATION 8665552 - BREACH INLET, SC.

Figure 19. Beach profile monitoring data from 2014-2020 in cross-section view at Monument 3065.



Figure 20. Ground photo taken at Monument 3065 looking northeast on June 6, 2019 (top) and June 2, 2020 (bottom). Note the sandbar attachment point.

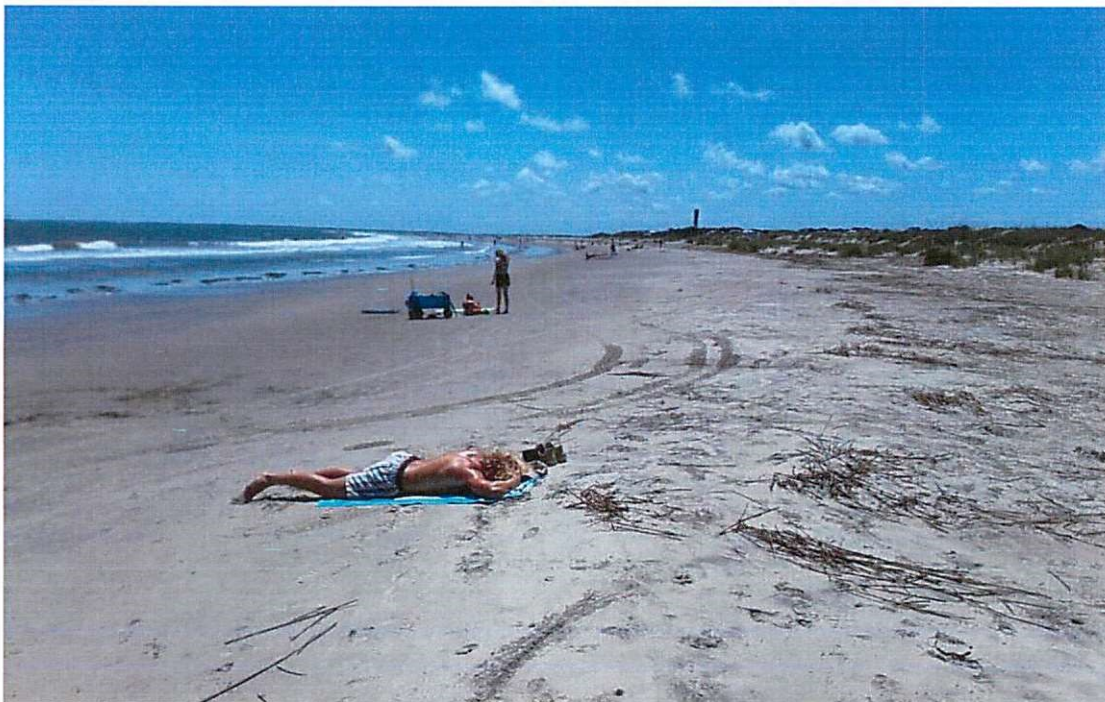


Figure 21. Ground photo taken at Monument 3065 looking southwest on June 6, 2019 (top) and June 2, 2020 (bottom). Note the incipient dunes on the backbeach in 2020.

3080

Monument 3080 is located along the long beach access path at Station 28.

The sand bar attachment point was located just to the west of this monument in 2019. In 2020, the sand bar had attached to the shoreface and was spreading out (Figure 22). The primary dune and the beach berm both accumulated sand and advanced seaward.

Beach observations confirm that the beach at this location was 90 ft wide at high tide, the primary dune was advancing, and incipient dunes were developing along the back beach (Figure 23 and Figure 24). There was evidence of past back beach ponding, but none was observed in 2020 and no signs of dune overtopping were observed.

According to the 2020 volume calculation, this profile has a unit volume of 450 cy/ft. This profile displayed the largest volume loss over the last year due to sand from the attachment event spreading out alongshore.

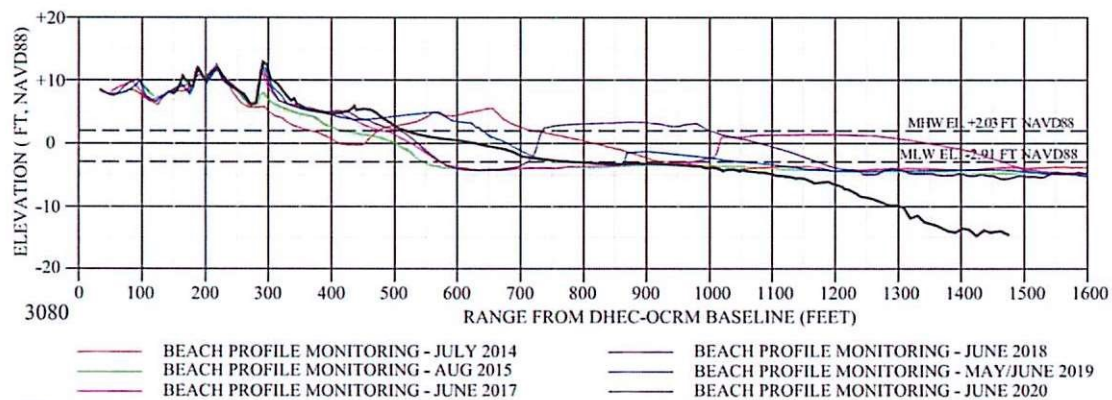


Figure 22. Beach profile monitoring data from 2014-2020 in cross-section view at Monument 3080.



Figure 23. Ground photo taken at Monument 3080 looking northeast on June 11, 2019 (top) and June 2, 2020 (bottom). Note the sand bar attachment in 2019.



Figure 24. Ground photo taken at Monument 3080 looking southwest on June 6, 2019 (top) and June 2, 2020 (bottom).

3083

Monument 3083 is located near Station 29 and is in an area of critical erosion. This profile represents the southwest end of the groin field along northeastern Sullivan’s Island. The shoreline here has retreated nearly 300 ft since the last sand bar attachment event in 2014 (Figure 25), including the loss of three rows of low sand dunes. In 2020, some beach recovery was measured. The shoreline advanced 80 ft seaward between 2019 and 2020 due to sand from the most recent attachment event migrating to this area. The backbeach accumulated a significant amount of sand covering the previously exposed seawall and sand bags that had been placed and/or exposed at the toe of the dune scarp (Figure 26). Groins and seawalls continue to dominate this portion of the island, but recovery was observed.

This location marks the transition between the northeast end of the island, which has been stabilized with erosion control structures and the wide, fluctuating beach of the central portion of the island to the southwest (Figure 27).

According to the 2020 volume calculation, this profile has a unit volume of 252 cy/ft, about 40 cy/ft larger than in 2019.

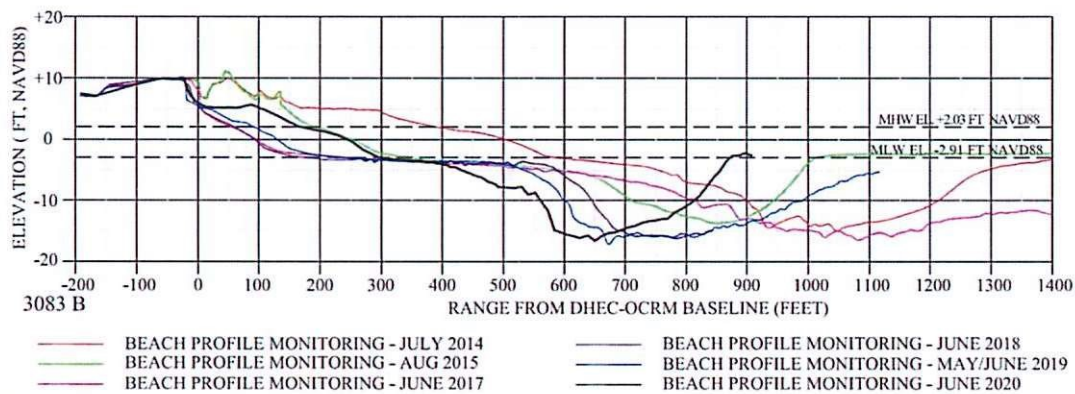


Figure 25. Beach profile monitoring data from 2014-2020 in cross-section view at Monument 3083.



Figure 26. Ground photo taken at Monument 3083 looking northwest on June 6, 2019 (top) and June 2, 2020 (bottom). Note the increased beach width in 2020.

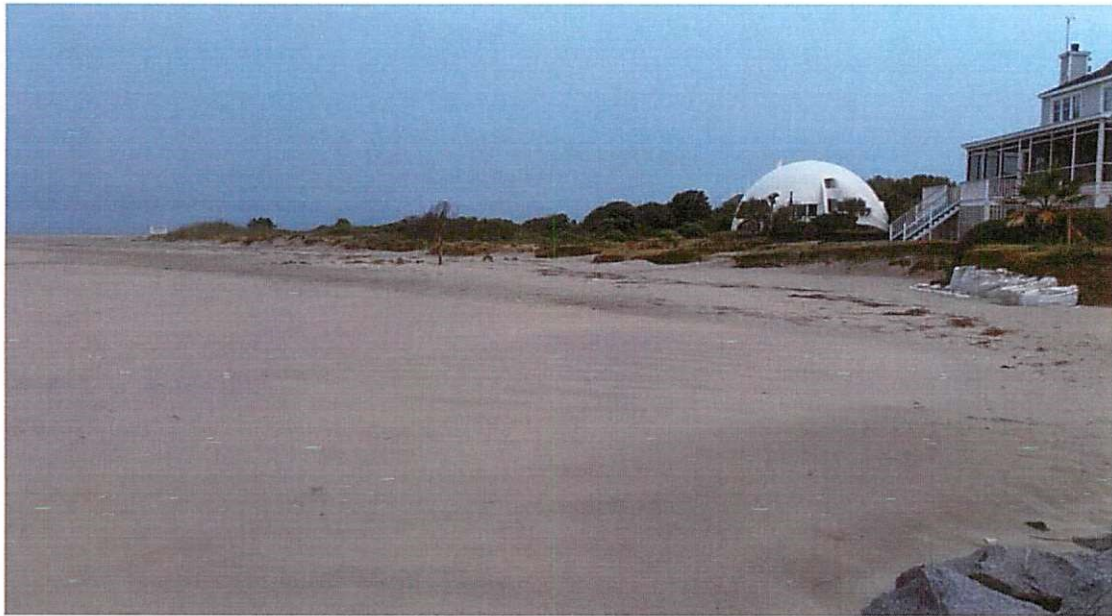


Figure 27. Ground photo taken at Monument 3083 looking southwest on June 6, 2019 (top) and June 2, 2020 (bottom). Note the increased beach width in 2020 and exposed sand bags.

3085

Monument 3085 is located near Station 30. This area had been eroding since the sand bar attachment event in 2014, but some accretion was measured during this monitoring period. Beach profile data indicates evidence of some backbeach recovery between 2019 and 2020 (Figure 28).

Beach observations indicate that despite some measured recovery, the high tide line remains under the decks of the homes in this area. There is very little dry beach at high tide. Some dune recovery was observed and no dune overtopping has occurred recently.

This pocket beach between groins is highly erosional. No dunes are present in front of the houses. Despite the structures, erosion continues to dominate this portion of the island between sandbar attachment events (Figure 29). Erosion has become so severe in this area that a historic cannon structure which has been buried under the beach became exposed on the beachface in 2019 (Figure 30). This profile will be monitored closely.

According to the 2020 volume calculation, this profile has a unit volume of 111 cy/ft, a slight increase from the 2019 volume.

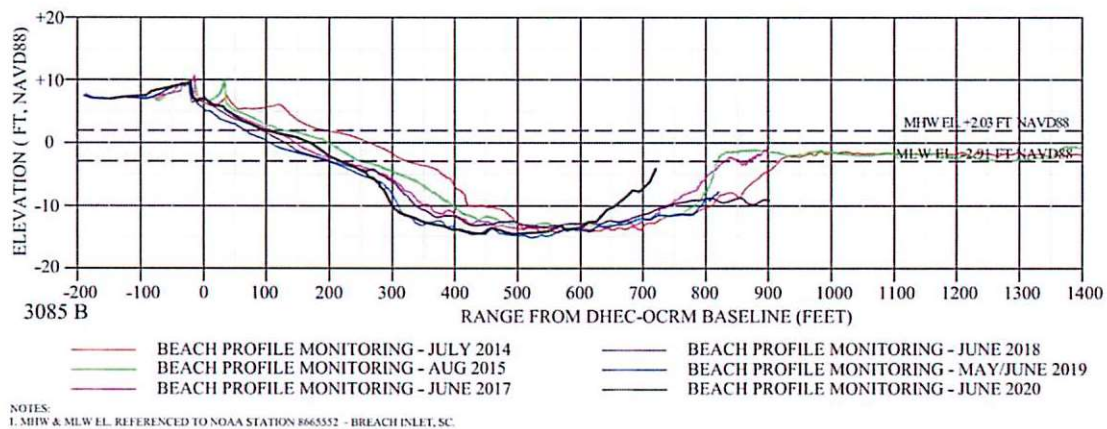


Figure 28. Beach profile monitoring data from 2014-2020 in cross-section view at Monument 3085.



Figure 29. Ground photo taken at Monument 3085 looking northwest on June 6, 2019 (top) and June 2, 2020 (bottom). Notice the profile deflation under the deck in 2019 and backbeach recovery in 2020.

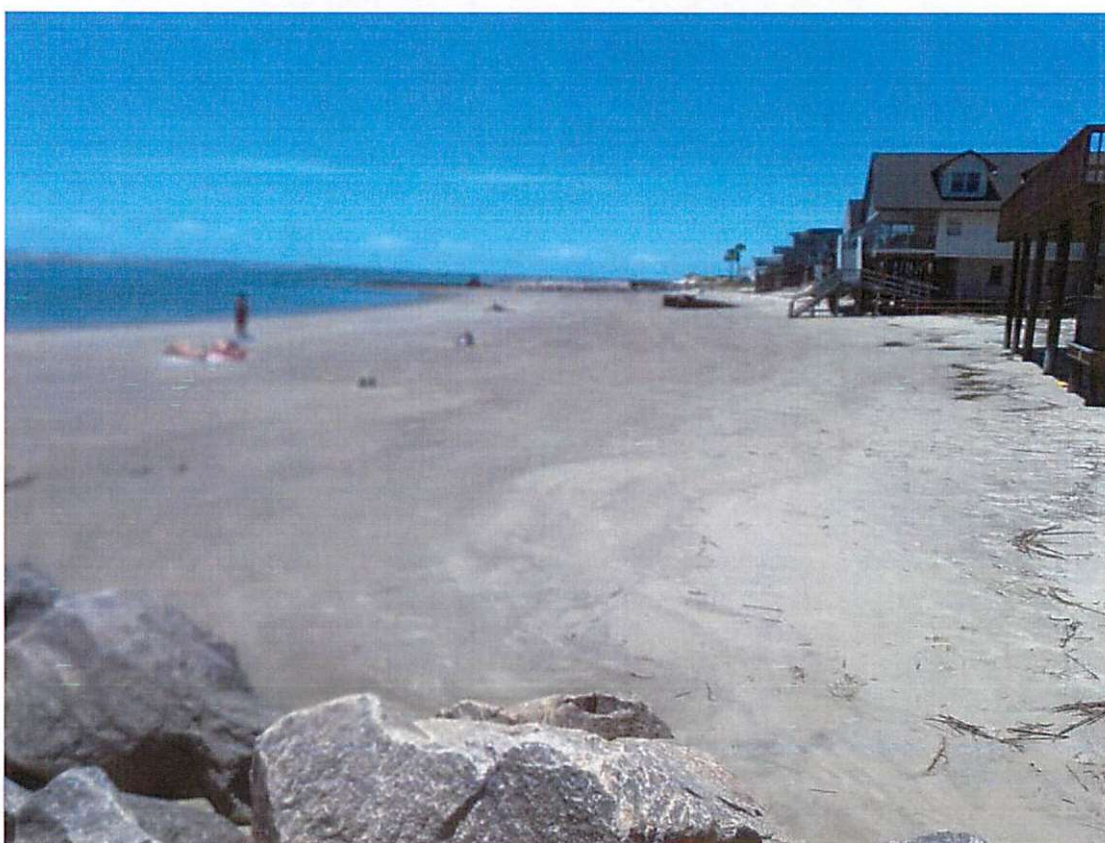


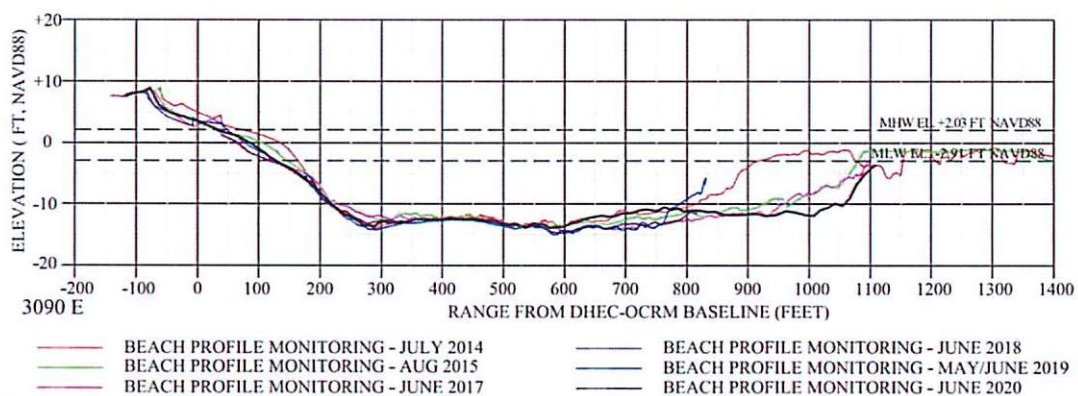
Figure 30. Ground photo taken at Monument 3085 looking southwest on June 11, 2019 (top) and June 2, 2020 (bottom). Note the exposed cannon structure in 2019 and some back beach recovery in 2020.

3090

Monument 3090 is located just south of Station 31 on northeastern Sullivan’s Island near Breach Inlet. It represents a small (<250 ft long) pocket beach between two groins. The beach is nearly completely armored. The beach profile has exhibited erosion despite the stabilization structures (Figure 31). No dry beach is exposed at high tide and no dunes are present (Figure 32 and Figure 33).

Beach observations in 2020 confirm these measurements, but some aeolian sand transport had been trapped in the dune area between the road and access path. Upland erosion was less significant than in years past.

According to the 2020 volume calculation, this profile has a unit volume of 118 cy/ft, nearly the same as 2019.



NOTES:
 1. MHW & MLW EL. REFERENCED TO NOAA STATION 8665552 - BREACH INLET, SC.

Figure 31. Beach profile monitoring data from 2014-2020 in cross-section view at Monument 3090.

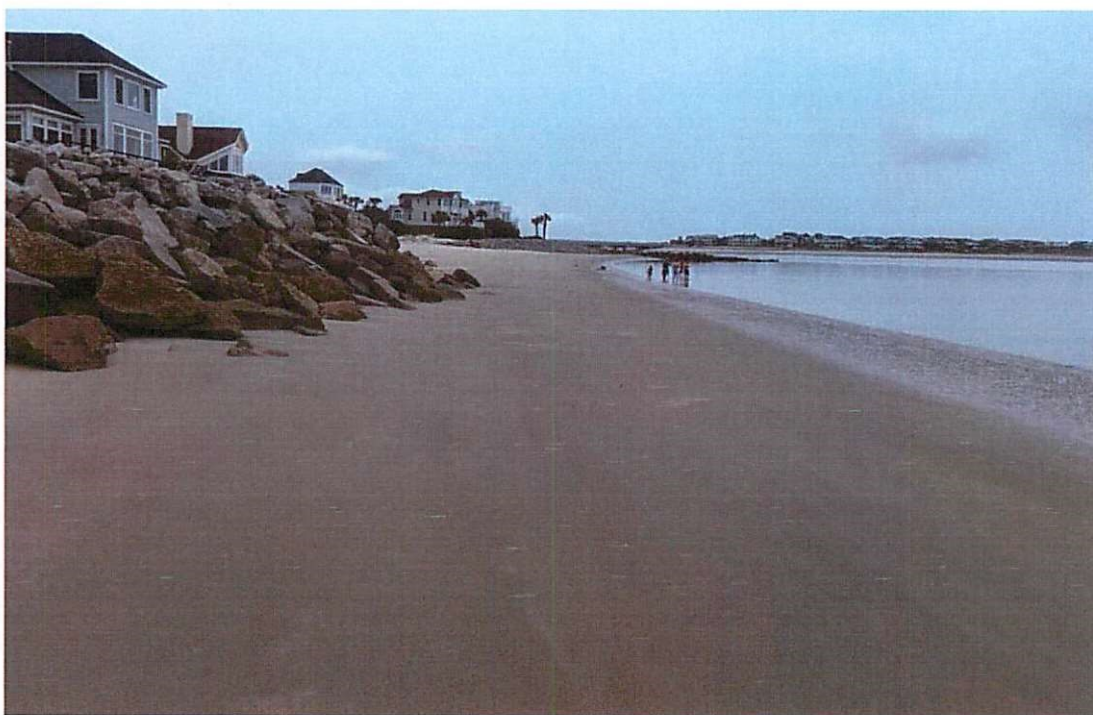


Figure 32. Ground photo taken at Monument 3090 looking north on June 6, 2019 (top) and June 2, 2020 (bottom).

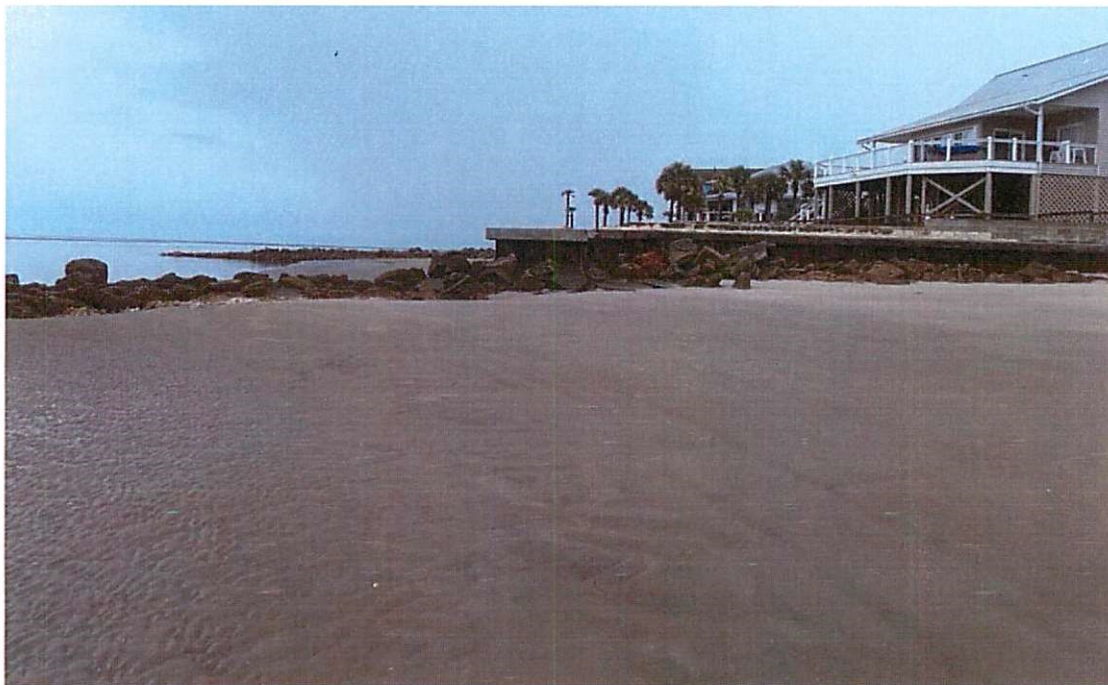


Figure 33. Ground photo taken at Monument 3090 looking southwest on June 6, 2019 (top) and June 2, 2020 (bottom).

3092

Monument 3092 is located south of Station 32 on northeastern Sullivan’s Island near Breach Inlet. This profile line represents a section of the island that has been armored with erosion control structures. During this monitoring interval, the profile continued to deflate in this region (Figure 34). The recent sand bar attachment event has not resulted in sediment being transported to this area. Profile data indicates dune growth, but this was not natural accumulation, rather a private dune restoration project.

The 2020 beach observations confirmed that no high tide beach existed. The recent private, small-scale dune restoration project is intact. The structures have somewhat stabilized this portion of the beach, but erosion continues (Figure 35 and Figure 36).

According to the 2020 volume calculation, this profile has a unit volume of 112 cy/ft, nearly the same as in 2019.

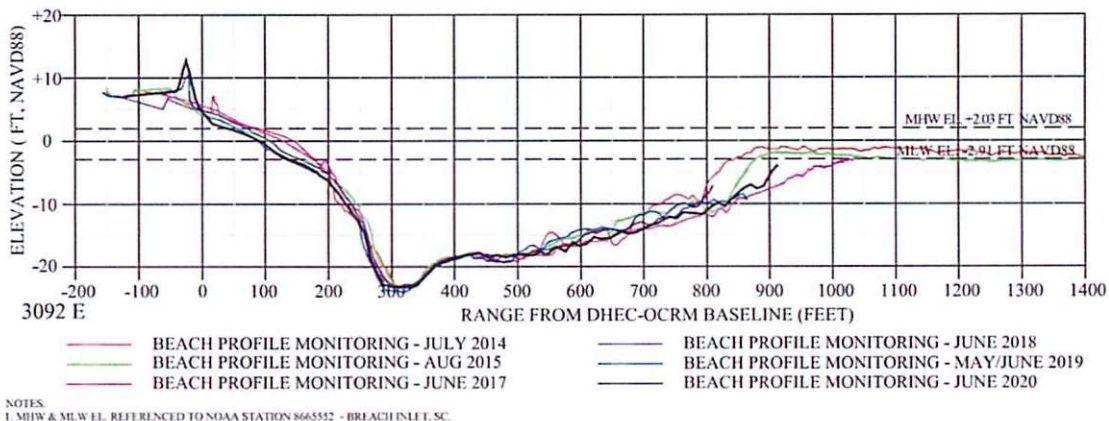


Figure 34. Beach profile monitoring data from 2014-2020 in cross-section view at Monument 3092.

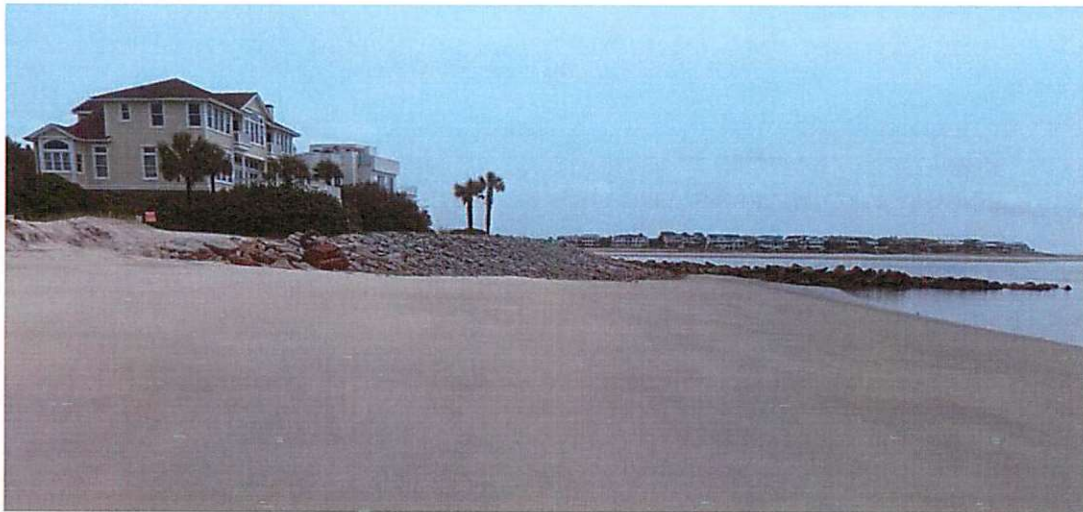


Figure 35. Ground photo taken at Monument 3092 looking north on June 6, 2019 (top) and June 2, 2020 (bottom).

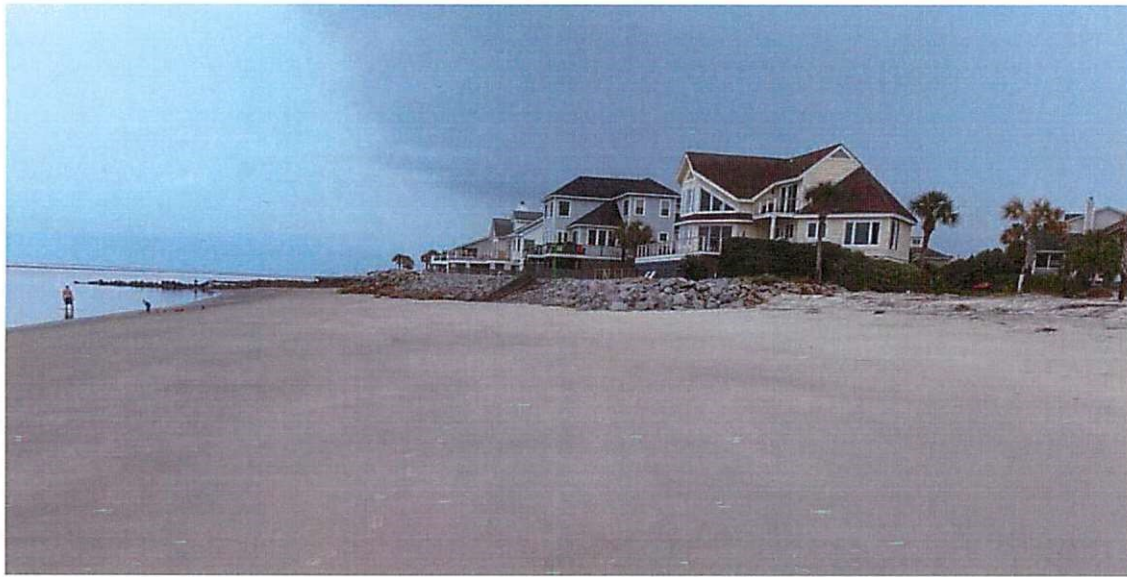


Figure 36. Ground photo taken at Monument 3092 looking south on June 6, 2019 (top) and June 2, 2020 (bottom).

3095

Monument 3095 is located on Station 32 at the northeastern tip of Sullivan’s Island on Breach Inlet. It represents a cusped beach anchored by erosion control structures (groins). The beach profile has exhibited little change over time due to the stabilization structures (Figure 37). During this monitoring interval, a small amount of sand was trapped along the dune/upland region of the beach profile.

The June 2020 beach observations indicate that the upland “bluff” on the southwest side of the pocket beach, which had retreated significantly in 2019, had gained a veneer of beach sand. The spring high tides are reaching the toe of vegetation and about 10 ft of dry beach exists high tide beach (Figure 38 and Figure 39).

According to the 2020 volume calculation, this profile has a unit volume of 187 cy/ft, about 10 cy/ft greater than 2019.

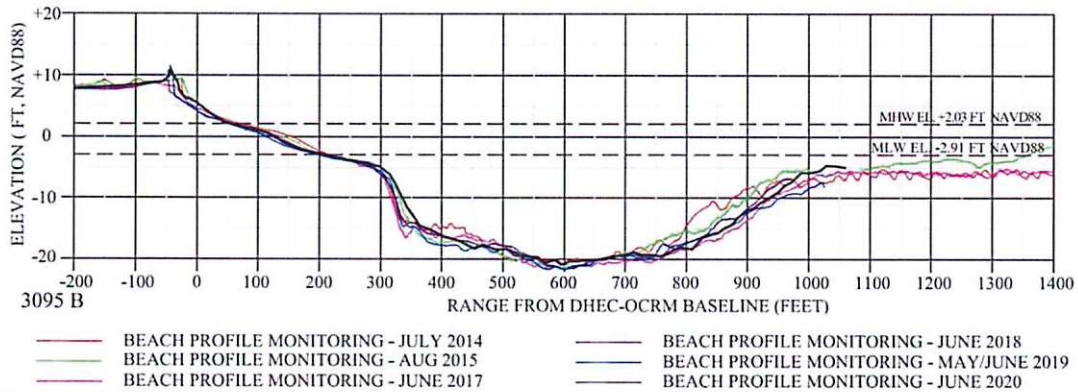


Figure 37. Beach profile monitoring data from 2014-2020 in cross-section view at Monument 3095.



Figure 38. Ground photo taken at Monument 3095 looking north on June 6, 2019 (top) and June 2, 2020 (bottom).



Figure 39. Ground photo taken at Monument 3095 looking south on June 6, 2019 (top) and June 2, 2020 (bottom). Note that the clay bluff has been covered with some sand in 2020.

5. Summary of 2020 Beach Monitoring Survey

This report provides an annual condition survey to monitor the Sullivan's Island beach. Beach profile data collected during August 2016, June 2017, June 2018, June 2019, and June 2020 were compared to beach profile data collected by SCDHEC-OCRM in the summers of 2014 and 2015.

Analyses of the mean high water (MHW) position relative to the SCDHEC-OCRM Baseline and unit volume by monument were conducted. These analyses documented that overall, the beach and, in particular, the dune and backbeach accumulated sand along most of the island between 2019 and 2020. This may have been partially influenced by reduced recreational beach use due to an exercise-only regulation enacted during the COVID-19 pandemic. To date, there is no indication that the shoreline has advanced seaward since 2014. Between 2019 and 2020, a volume loss of 68,423 cy (erosion) with the most volume loss occurring in the center of the island at Station 28 (Monument 3080).

The northeast end of the island, between Monuments 3083 and 3095, has little protective beach and dune system in place. Despite armoring with erosion control structures, erosion continues along this stretch of Sullivan's Island. Here, beachfront homes are located either on or seaward of the primary dune in vulnerable positions. Despite sand bar attachment events, sediment has not been delivered to this section in recent years.

The data documented a sandbar attachment event in 2014 and another in 2018-19. Most of the sediment from the 2014 attachment event has been transported downdrift, toward southwestern Sullivan's Island and the Charleston Harbor jetty. Data from 2020 indicate that sand bar attachment events result in a pattern of accretion and erosion along the central portion of the island.

The beach at Station 19 is extraordinarily wide with a unit volume of 978 cy/ft and growing due to the Charleston Harbor jetty. While the shoreline is not advancing seaward, sand volume continues to increase as the primary dune and backbeach prograde and increase in elevation.

If the present management strategy is maintained, additional dune, beachfront marsh, and maritime forest progradation (seaward movement) may continue in the central portion of the island. It seems that the more frequent occurrence of king tides (specifically the higher than predicted high tides) may be controlling additional dune progradation somewhat. Continued annual monitoring is recommended. By better understanding the beach performance following sandbar attachment events, improved management strategies may become obvious.

In addition to the wide, accreting beaches in the central portion of the island, Sullivan's Island also has beach management challenges on the northeast end related to narrow beach widths and minimal storm protection. Several hot spots are being closely scrutinized.



Charleston Area Regional Transportation Authority

MEMORANDUM

TO: Member Governments
FROM: Robin W. Mitchum, Deputy Director of Finance and Administration
SUBJECT: FY20/21 Proposed Budget
DATE: June 17, 2020

The CARTA Board of Directors approved the Fiscal Year 20/21 Proposed Budget today. This proposed budget is based on actual and projected revenue and expenditures for the upcoming fiscal year. Because of these uncertain times and unknown factors, this budget will be revised during the fiscal year to reflect actual changes to revenues and expenses. The BCDCOG staff monitors all activities monthly and makes decision based on those activities. Below is a brief overview on the budgeted line items for your consideration.

Revenues

A detailed explanation of line item changes are as follows:

- Fare and contract revenues have been estimated based on the prior year's revenue.
- The City of Charleston HOP contribution is unlikely at this time, so we have removed it from the budget.
- Federal revenue includes estimated 5307 Urban funds, 5310 Enhanced Mobility for Seniors & individuals with disabilities, and 5307 CARES Act funds. CARTA receives funds as a direct recipient from FTA and Pass Through funds from the BCDCOG. Capital funds are reflected in the capital revenues budget.
- State Mass Transit Funds are operating funds used as match to 5307 Urban funds.
- Sales Tax – Charleston County capital matching requirements are reflected in the capital revenues budget line item.
- Interest, Insurance Proceeds, Sale of Assets, and Miscellaneous are unknown amounts that are not added as revenue until received or anticipated to be received.

Expenditures

A detailed explanation of line item changes are as follows:

- The reduction reflects actual the cost of Retiree Insurance only as a result of staff and management services now being provided by BCDCOG through the IGA Agreement.
- Postage increased to align the budget with average and estimated expenditures.
- Equipment rental increased by the addition of the Electric Bus Battery Lease agreements.

- Office Equipment Maintenance includes IT services (managed server services, email hosting, website management, and other general IT services), Camera system maintenance, and Automatic Vehicle Locator (AVL) software maintenance.
- Rent increased to reflect the rental agreement with Dorchester Village Shopping for the park and ride facility.
- Communications increased for the monthly digital radio frequency cost which is a per radio fee.
- Utilities increased for the new charging stations. Utilities include electric and water at the Superstop, Melnick Park and Ride, Leeds Avenue, and the charging stations at Leeds Avenue.
- Professional services increased with the addition of custodial services at Melnick Park and Ride and custodial sanitization services at the Super Stop to address COVID-19. Audit services provided include the annual audit and additional audit reporting requirements.
- We are estimating a reduction in Shelter Engineering services, an increase in Transit service, and the implementation of the Pilot Ride Program service.
- Insurance expenses increased as a result of the addition of new shelters, buses, and charging stations.
- Fuel increased due to the reinstatement of operational services, which were previously reduced due to decreased service and fuel costs as a result of COVID-19 during FY20.
- Paratransit increased based on the reinstatement of services.
- Interest was reduced to reflect the reduction of principal payments on the BB&T Melnick property loan.
- Non Capitalized assets include the purchase of security equipment including cameras, lighting, shelter panels, driver safety barriers, COVID-19 PPE, and radio equipment.
- Rolling Stock is increased to the amount of buses CARTA anticipates receiving next fiscal year.
- Bus Facilities/Charging stations are for the purchase and installation of charging stations for electric buses.
- Bus Shelter Construction/Bench Install is for the installation of new bus shelters.
- Land is for the purchase of the property at Leeds Avenue from Dominion Energy for additional parking and charging station needs.
- HOP Lot Construction/Leeds Avenue is for the construction of the HOP Lot as well as facility upgrades at Leeds Avenue.
- Security Cameras and Equipment are funds available to purchase security equipment at our facilities and on buses.
- ITS System is for the purchase of the integrated technology solution system that will provide computer-aided dispatching and an automatic vehicle tracking system.

We will continue to monitor the budget to insure revenues and expenditure remain aligned and we will recommend revisions to the Board as necessary.

If you have any questions, please contact me at 843-529-2126 or robinm@bcdkog.com

CARTA
Proposed FY2021 Budget

	Budget	Proposed	
	<u>FY 2020</u>	<u>FY 2021</u>	<u>Variance</u>
<u>Revenues</u>			
Farebox	1,326,542	1,873,328	546,786
Passes	341,948	516,573	174,625
HOP Lot Parking Fees	20,211	30,643	10,432
COC Shuttle	274,579	420,859	146,280
MUSC	551,778	741,699	189,921
City of Charleston - DASH	580,944	609,992	29,048
City of Charleston - HOP	250,000	-	(250,000)
Federal	6,798,922	12,295,361	5,496,439
State Mass Transit Funds	-	570,953	570,953
Sales Tax - Charleston County	10,878,851	5,667,195	(5,211,656)
Advertising	650,000	700,000	50,000
Interest	152	-	(152)
Insurance Proceeds	108,015	-	(108,015)
Sale of Asset	9,300	-	(9,300)
Miscellaneous	400	-	(400)
TOTAL REVENUES	<u>21,791,642</u>	<u>23,426,603</u>	<u>1,634,961</u>
<u>Expenditures</u>			
Staff Salaries & Benefits	62,853	8,286	(54,567)
Supplies	61,650	61,650	-
Printing	47,500	47,500	-
Marketing	10,000	10,000	-
Automotive	650	650	-
Postage	1,750	1,850	100
Dues/Memberships	513	513	-
Office Equipment Rental	53,955	263,955	210,000
Office Equipment Maintenance	221,265	221,265	-
Rent	27,350	33,200	5,850
Communications	173,351	179,624	6,273
Utilities	43,420	46,523	3,103
Advertising	5,000	5,000	-
Professional Services			
Auditing	21,000	24,300	3,300
Legal	7,500	7,500	-
Custodial	47,102	72,404	25,302
Other	96,820	96,820	-
Contract Services			
Shared Services - IGA	2,302,387	2,302,387	-
Shelter/Bench Contract Services	226,481	100,000	(126,481)

CARTA
Proposed FY2021 Budget

	Budget <u>FY 2020</u>	Proposed Budget <u>FY 2021</u>	<u>Variance</u>
Fixed Route	13,169,604	14,019,132	849,528
Money Transport	7,500	7,500	-
Pilot Ride Program	-	80,000	80,000
Vehicle Maintenance	250,000	250,000	-
Facility Repair & Maintenance	21,375	21,375	-
Operating Fees & Licenses	34,768	34,768	-
Insurance	760,500	780,865	20,365
Fuel	1,205,156	1,524,623	319,467
Paratransit	2,506,749	2,907,056	400,307
Miscellaneous	7,741	7,741	-
Interest	64,080	60,116	(3,964)
Non-Capitalized Assets	353,622	250,000	(103,622)
TOTAL EXPENDITURES	<u>21,791,642</u>	<u>23,426,603</u>	<u>1,634,961</u>
 Excess (Deficit) of Revenues Over (Under) Expenditures	 <u>-</u>	 <u>-</u>	 <u>-</u>

Capital Revenues

Rolling Stock	1,615,219	10,279,699	8,664,480
Bus Facilities/Charging Stations	491,123	405,500	(85,623)
Bus Shelter Construction/Bench Install	-	-	-
Security Cameras/Equipment	69,990	247,937	177,947
Capital (IT, Facility Repairs/Maint)	56,012	56,012	-
ITS System	-	1,300,000	1,300,000
HOP Lot Construction	-	2,800,000	-
Sales Tax - Charleston County	1,560,399	5,180,555	3,620,156
TOTAL CAPITAL EXPENDITURES	<u>3,792,743</u>	<u>20,269,703</u>	<u>13,676,960</u>

Capital Expenditures

Rolling Stock	2,123,014	12,895,746	10,772,732
Bus Facilities/Charging Stations	1,111,723	1,769,019	657,296
Bus Shelter Construction/Bench Install	400,504	200,000	(200,504)
Land	-	600,000	600,000
HOP Lot Construction/Leeds Ave.	-	2,800,000	-
Security Cameras/Equipment	87,487	309,923	222,436
Capital (IT, Facility Repairs/Maint)	70,015	70,015	-
ITS System	-	1,625,000	1,625,000
TOTAL CAPITAL EXPENDITURES	<u>3,792,743</u>	<u>20,269,703</u>	<u>13,676,960</u>

CARTA
PROPOSED DETAILED BUDGETED EXPENDITURES
FY 2021/2022

		Budget FY 2020	Proposed Budget FY 2021	Increase (Decrease)
SALARIES & BENEFITS	Salaries	41,553	-	(41,553)
	Retirement	6,466	-	(6,466)
	FICA	3,059	-	(3,059)
	SUTA	-	-	-
	Workers Comp	121	-	(121)
	Insurance	3,530	-	(3,530)
	Retiree Insurance	8,124	8,286	162
		<u>62,853</u>	<u>8,286</u>	<u>(54,567)</u>
SUPPLIES	Admin/Operations	61,450	61,450	-
	Supplies - HOP LOT	200	200	-
	Total	<u>61,650</u>	<u>61,650</u>	<u>-</u>
PRINTING	Printing	45,000	45,000	-
	Printing - HOP LOT	2,500	2,500	-
	Total	<u>47,500</u>	<u>47,500</u>	<u>-</u>
MARKETING	Promotional	10,000	10,000	-
	Total	<u>10,000</u>	<u>10,000</u>	<u>-</u>
AUTOMOTIVE	Parking/Mileage/Service	650	650	-
	Total	<u>650</u>	<u>650</u>	<u>-</u>
POSTAGE	John Street	1,750	1,850	100
	Total	<u>1,750</u>	<u>1,850</u>	<u>100</u>
DUES & MEMBERSHIPS	Metro Chamber	513	513	-
	Total	<u>513</u>	<u>513</u>	<u>-</u>
EQUIPMENT RENTAL	Portable Toilet Rental - HOP LOT	780	780	-
	Electric Bus Battery Lease	52,500	262,500	210,000
	Miscellaneous Equipment	675	675	-
	Total	<u>53,955</u>	<u>263,955</u>	<u>210,000</u>
OFFICE EQUIPMENT MAINTENANCE	IT	50,000	50,000	-
	Money Counting Equipment	2,000	2,000	-
	Super Stop Cameras	2,450	2,450	-
	AVL Cloud Manager	25,810	25,810	-
	AVL	141,005	141,005	-
	Total	<u>221,265</u>	<u>221,265</u>	<u>-</u>
RENT	Land	6,000	6,000	-
	Park & Ride	12,850	18,700	5,850
	Document Storage	2,500	2,500	-
	SC Works Charleston Center	6,000	6,000	-
	Total	<u>27,350</u>	<u>33,200</u>	<u>5,850</u>

CARTA
PROPOSED DETAILED BUDGETED EXPENDITURES
FY 2021/2022

		Budget FY 2020	Proposed Budget FY 2021	Increase (Decrease)
COMMUNICATIONS	Telephone/Internet	13,740	14,015	275
	Tablets - Buses	80,609	80,609	-
	Radios	79,002	85,000	5,998
	Total	173,351	179,624	6,273
UTILITIES	Electricity	32,580	35,683	3,103
	Water	10,840	10,840	-
	Total	43,420	46,523	3,103
ADVERTISING	ALL	5,000	5,000	-
	Total	5,000	5,000	-
PROFESSIONAL SERVICES	Audit	21,000	24,300	3,300
	Legal	7,500	7,500	-
	Custodial	47,102	72,404	25,302
	Other	96,820	96,820	-
	Total	172,422	201,024	28,602
CONTRACT SERVICES	Management Services	75,000	75,000	-
	Shared Services (IGA)	2,227,387	2,227,387	-
	Shelter/Bench Engineering (IGA)	226,481	100,000	(126,481)
	Fixed Route - Transdev	12,411,868	13,029,120	617,252
	Hop Lot - Transdev	757,736	990,012	232,276
	Money Transport	7,500	7,500	-
	Pilot Ride Program	-	80,000	80,000
	Total	15,705,972	16,509,019	803,047
VEHICLE MAINTENANCE		250,000	250,000	-
	Total	250,000	250,000	-
FACILITY REPAIR & MAINTENANCE	Facility Repair Misc	20,000	16,425	(3,575)
	Bus Wash Inspection	1,375	4,950	3,575
	Total	21,375	21,375	-
OPERATING FEES & LICENSES		34,768	34,768	-
	Total	34,768	34,768	-
INSURANCE	Administration	15,500	15,500	-
	Operating	745,000	765,365	20,365
	Total	760,500	780,865	20,365
FUEL	Fuel	1,165,156	1,463,541	298,385
	Fuel - HOP LOT	40,000	61,082	21,082
	Total	1,205,156	1,524,623	319,467

CARTA
PROPOSED DETAILED BUDGETED EXPENDITURES
FY 2021/2022

		Budget FY 2020	Proposed Budget FY 2021	Increase (Decrease)
PARATRANSIT	TRANSDEV	2,506,749	2,907,056	400,307
		<u>2,506,749</u>	<u>2,907,056</u>	<u>400,307</u>
MISCELLANEOUS	MISC	7,500	7,500	-
	MISC - HOP LOT	241	241	-
		<u>7,741</u>	<u>7,741</u>	<u>-</u>
INTEREST	BB&T - Melnick Property	64,080	60,116	(3,964)
		<u>64,080</u>	<u>60,116</u>	<u>(3,964)</u>
NON-CAPITALIZED ASSETS	Non-Capitalized Assets	353,622	250,000	(103,622)
		<u>353,622</u>	<u>250,000</u>	<u>(103,622)</u>
CAPITAL				
	Rolling Stock/Fleet Repair	2,123,014	12,895,746	10,772,732
	Bus Facilities/Charging Stations	1,111,723	1,769,019	657,296
	Shelter Project - Wildwood	400,504	200,000	(200,504)
	Land	-	600,000	600,000
	HOP Lot Constuction/Leeds Ave.	-	2,800,000	2,800,000
	Security/Cameras	87,487	309,923	222,436
	Signage	70,015	70,015	-
	ITS System	-	1,625,000	1,625,000
		<u>3,792,743</u>	<u>20,269,703</u>	<u>16,476,960</u>

ORDINANCE NO. 2020-11

TOWN OF SULLIVAN'S ISLAND)	TO PROVIDE FOR THE ISSUANCE AND SALE OF NOT
)	EXCEEDING ONE MILLION SEVEN HUNDRED
COUNTY OF CHARLESTON)	THOUSAND DOLLARS (\$1,700,000) TOWN OF
)	SULLIVAN'S ISLAND, SOUTH CAROLINA, GENERAL
STATE OF SOUTH CAROLINA)	OBLIGATION BONDS, IN ONE OR MORE SERIES; TO
)	PRESCRIBE THE PURPOSES FOR WHICH THE
)	PROCEEDS SHALL BE EXPENDED; TO PROVIDE FOR
)	THE PAYMENT THEREOF; AND OTHER MATTERS
)	RELATING THERETO.

BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF SULLIVAN'S ISLAND, SOUTH CAROLINA IN MEETING DULY ASSEMBLED:

ARTICLE I

FINDINGS OF FACT

As an incident to the enactment of this Ordinance and the issuance of the bond provided for herein, the Town Council of the Town of Sullivan's Island (the "Council"), the governing body of the Town of Sullivan's Island, South Carolina (the "Town"), finds that the facts set forth in this Article exist, and the statements made with respect thereto are true and correct.

Section 1.01 Objectives.

(a) By virtue of Title 5, Chapter 21, Article 5 of the Code of Laws of South Carolina, 1976, as amended (the "South Carolina Code"), as supplemented by South Carolina Code Section 11-27-40, the Town is empowered to issue general obligation bonds for any "corporate purpose" as therein defined. The above-referenced chapter and section of the South Carolina Code are hereinafter collectively referred to as the "Enabling Act."

(b) The Town has entered into with Town of Sullivan's Island Public Facilities Corporation, a South Carolina nonprofit corporation (the "Corporation"), a Municipal Facilities Purchase Agreement (the "Facilities Agreement"). Pursuant to the Facilities Agreement, the Corporation has provided to the Town permanent financing for the acquisition and construction of certain new municipal facilities through the issuance of the Town of Sullivan's Island Public Facilities Corporation Installment Purchase Revenue Bonds, Series 2018 and the Town of Sullivan's Island Public Facilities Corporation Installment Purchase Revenue Bonds, Series 2020 (collectively, the "Bonds"). In addition, pursuant to the Facilities Agreement, the Town has agreed to acquire the Corporation's leasehold interest in certain real property over a term of years, to make annual "Acquisition Payments" to the Corporation. Amounts payable under the Facilities Agreement are not subject to the constitutional debt limit of the Town as described in Section 1.02 hereof.

(c) The Council further intends the Acquisition Payments will be paid from the proceeds of general obligation bonds of the Town to be issued annually, in sufficient time to allow for the timely funding of the Acquisition Payments. The payment of Acquisition Payments constitutes an authorized purpose for the issuance of general obligation bonds of the Town within the meaning of the Enabling Act.

(d) The Council has determined to presently authorize the issuance of a general obligation bond in the approximate amount of \$955,000 (the "Series 2020A Bond") and a federally taxable general obligation bond in the approximate amount of \$745,000 (the "Series 2020B Bond" and together with the Series 2020A Bond, the "Bonds"), in order to provide funds with which to pay Acquisition Payments for

the Town's 2020-21 Fiscal Year. The total estimated cost of such Acquisition Payments, together with the costs of issuance of the Bonds, will not exceed \$1,700,000.

Section 1.02 Recital of Applicable Constitutional Provisions.

Section 14 of Article X of the Constitution of the State of South Carolina, 1895, as amended (the "*State Constitution*") provides that the municipalities of the State of South Carolina (the "*State*") may issue bonded indebtedness in an amount not exceeding eight percent (8%) of the assessed value of all taxable property therein, and provides further that no bonded indebtedness incurred on or prior to November 30, 1977 shall be charged against such eight percent (8%) debt limitation. Paragraph (6) of Section 14 of Article X of the State Constitution further provides that general obligation debt authorized by a majority of the qualified electors of the issuer may be issued without consideration of the eight percent (8%) limit otherwise imposed by Section 14 of Article X. The Council is informed that assessed value of all taxable property located within the Town for the year 2019, which is the last completed assessment thereof, is not less than the sum of \$77,787,500. Thus, the eight percent (8%) debt limit of the Town is not less than \$6,223,000. At present, \$2,215,000 in general obligation debt is chargeable against this limit. Thus, the Council may issue general obligation bonds in the aggregate principal amount of not exceeding \$4,008,000 at the present time without the authorization required by Section 14(6) of Article X of the State Constitution.

Section 1.03 Notice of Adoption of Ordinance.

Section 5-17-20 of the South Carolina Code provides that within 60 days following the adoption by the Council of an ordinance authorizing the issuance of general obligation debt, a petition signed by not less than fifteen percent of the qualified electors of the Town may be filed with the Town Clerk requesting that such ordinance be repealed. However, said Section 5-17-20 does not apply in the event the Council publishes notice of the adoption of such ordinance in accordance with the provisions of Section 11-27-40(8) of the South Carolina Code. Under said Section 11-27-40(8), a notice signed by five qualified electors requesting the repeal of such ordinance may be filed with the Town Clerk and with the Clerk of the Court of Common Pleas of Charleston County within 20 days of the published notice. In accordance with this provision, the notice prescribed thereby may, at the option of the Mayor or the Administrator, be published subsequent to the third and final reading of this Ordinance.

[End of Article I]

ARTICLE II

DEFINITIONS AND CONSTRUCTION

Section 2.01 Definitions.

As used in this Ordinance unless the context otherwise requires, the following terms shall have the following respective meanings:

“Acquisition Payments” shall have the meaning given thereto in Section 1.01 hereof.

“Administrator” means the Town Administrator of the Town or the Interim Town Administrator or the Acting Town Administrator, as the case may be.

“Authorized Investments” means any investments that are at the time legal for investment of the Town’s funds under the laws of the State and of the United States.

“Authorized Officer” means the Mayor or the Administrator and any other officer or employee of the Council designated from time to time as an Authorized Officer by a certificate signed by the Mayor, and when used with reference to any act or document also means any other person authorized by a certificate of the Mayor to perform such act or sign such document.

“Bond” or **“Bonds”** means the Bonds of the Town authorized by this Ordinance.

“Bond Payment” means the payment of principal of and interest on the Bond.

“Bond Payment Date” means the date on which the Bond Payment shall be payable.

“Code” means the Internal Revenue Code of 1986, as amended.

“Council” means the Town Council of the Town of Sullivan’s Island, the governing body of the Town or any successor governing body of the Town.

“Enabling Act” means the Municipal Bond Act (Title 5, Chapter 21, Article 5 of the South Carolina Code, as amended) as amended and continued by Section 11-27-40 of the South Carolina Code.

“Escrow Agent” means a financial institution selected by the Town.

“Fiscal Year” means the twelve month period beginning on July 1 and ending on June 30 of the next calendar year or such other twelve month period as determined by the Council to be the Town’s fiscal year.

“Government Obligations” means and includes direct general obligations of the United States of America or agencies thereof or obligations, the payment of principal or interest on which is fully and unconditionally guaranteed by the United States of America.

“Holder” or similar term means, when used with respect to the Bond, any person who shall be registered as the owner of the Bond Outstanding.

“Mayor” means the Mayor of the Town or, in the absence of the Mayor for any reason, the Mayor Pro Tem.

“Ordinance” means this Ordinance as the same may be amended or supplemented from time to time in accordance with the terms hereof.

“Outstanding,” when used in this Ordinance with respect to the Bond means, as of any date, the Bond theretofore authenticated and delivered pursuant to this Ordinance except:

(i) any Bond cancelled or delivered to the Registrar for cancellation on or before such date;

(ii) any Bond (or any portion thereof) deemed to have been paid in accordance with the provisions of **Section 7.01** hereof; and

(iii) any Bond in lieu of or in exchange for which another Bond shall have been authenticated and delivered pursuant to **Section 3.11** of this Ordinance.

“Person” means an individual, a partnership, a corporation, a trust, a trustee, an unincorporated organization, or a government or an agency or political subdivision thereof.

“Principal Installment” means, as of any date of calculation, the principal amount of the Bond due on a specified date.

“Record Date” means the 15th day of the month immediately preceding the Bond Payment Date.

“Registrar” means the Town Clerk of the Town.

“Series 2020A Bond” shall have the meaning provided in Section 1.01(d) hereof.

“Series 2020B Bond” shall have the meaning provided in Section 1.01(d) hereof.

“South Carolina Code” means the Code of Laws of South Carolina 1976, as amended.

“State” means the State of South Carolina.

“Town” means the Town of Sullivan’s Island, South Carolina.

“Town Clerk” means the Town Clerk of the Town or the Interim Town Clerk or the Acting Town Clerk, as the case may be.

Section 2.01 Construction.

In this Ordinance, unless the context otherwise requires:

(a) Articles and Sections referred to by number shall mean the corresponding Articles and Sections of this Ordinance.

(b) The terms “hereby”, “hereof”, “hereto”, “herein”, “hereunder” and any similar terms refer to this Ordinance, and the term “hereafter” shall mean after, and the term “heretofore” shall mean before, the date of adoption of this Ordinance.

(c) Words of the masculine gender shall mean and include correlative words of the female and neuter genders, and words importing the singular number shall mean and include the plural number and vice versa.

[End of Article II]

ARTICLE III

ISSUANCE OF THE BOND

Section 3.01 Ordering the Issuance of the Bond.

Pursuant to the provisions of the Enabling Act, and for the purpose of obtaining funds with which to pay Acquisition Payments, there shall be issued (i) a general obligation bond of the Town to be designated "Town of Sullivan's Island, South Carolina General Obligation Bond, Series 2020A" or such other yearly designation as determined by the Administrator in the approximate principal amount of \$955,000 and (ii) a federally taxable general obligation bond of the Town to be designated "Town of Sullivan's Island, South Carolina Taxable General Obligation Bond, Series 2020B" or such other yearly designation as determined by the Administrator in the approximate principal amount of \$745,000. The Bonds will be issued in sufficient time to pay the Acquisition Payments due in the 2020-21 Fiscal Year. The principal amount of the Bonds shall be adjusted, or the issuance thereof cancelled, as appropriate, in the event the Council determines not to appropriate Acquisition Payments or a portion thereof for such year. The Administrator shall determine the final principal amounts of the Series 2020A Bond and the Series 2020B Bond; however, in no event, may the aggregate principal amount of the Bonds exceed \$1,700,000.

Section 3.02 Maturity Schedule of the Bonds.

The Bonds shall be dated as of the date of their delivery and shall bear interest from their dated date. The principal amount of the Bonds shall be sufficient in the aggregate to pay the Acquisition Payments due in the 2020-21 Fiscal Year and the costs of issuance of the Bonds, as determined by the Administrator. The Bonds shall mature no later than June 30, 2021, as determined by the Administrator.

Section 3.03 Provision for Payment of Interest on the Bonds.

The original issue date of the Bonds shall be the delivery date of the Bonds, or such other date as may be selected by the Administrator. The Bonds shall be authenticated on the date as it shall be delivered. The Bonds shall bear interest from the original issue date if no interest has yet been paid; otherwise from the last date to which interest has been paid and which date is on or prior to the date of the Bonds' authentication. The interest payment on the Bonds shall be made in accordance with **Section 3.04(c)** hereof to the Person in whose name the Bonds are registered in accordance with **Section 3.08** hereof at the close of business on the Record Date with respect to such payments.

Section 3.04 Medium of Payment; Form and Denomination of the Bonds, Place of Payment of Principal.

(a) The Bonds shall be payable as to Principal Installments and interest at the rates per annum determined in the manner prescribed by **Section 5.01** hereof (on the basis of a 360 day year of twelve 30-day months) in any coin or currency of the United States of America which at the time of payment is legal tender for the payment of public and private debts.

(b) Each of the Bonds shall be issued in the form of a single, fully registered, typewritten bond and shall be identified by certificate number R-1.

(c) The Principal Installment and interest on the Bonds shall be payable to the Person appearing on the Record Date on the registration books of the Town, which books shall be held by the Registrar as provided in **Section 3.08** hereof, as the registered owners thereof, by check or draft mailed to

such registered owners at his address as it appears on such registration books in sufficient time to reach such registered owners on the Bond Payment Date.

Section 3.05 Agreement to Maintain Registrar.

As long as the Bonds remains Outstanding, the Town Clerk shall be the Registrar and shall upon request inform the Holders as to where (i) the Bonds may be presented for registration of transfers and (ii) notices and demands to or upon the Town in respect of the Bonds may be served.

Section 3.06 Execution and Authentication.

(a) The Bonds shall be executed in the name and on behalf of the Town by an Authorized Officer and attested by the Town Clerk or other Authorized Officer (other than the officer executing the Bonds). The Bonds bearing the signature of any Person who shall have been such an Authorized Officer at the time the Bonds were so executed shall bind the Town notwithstanding the fact that he may have ceased to be such Authorized Officer prior to the authentication and delivery of the Bonds or was not such Authorized Officer at the date of the authentication and delivery of the Bonds.

(b) No Bond shall be valid or obligatory for any purpose or shall be entitled to any right or benefit hereunder unless there shall be endorsed on such Bond a certificate of authentication in the form set forth in this Ordinance, duly executed by the manual or facsimile signature of the Registrar; and such certificate of authentication upon any Bond executed on behalf of the Town shall be conclusive evidence that the Bond so authenticated has been duly issued hereunder and that the Holder thereof is entitled to the benefit of the terms and provisions of this Ordinance.

Section 3.07 Reserved.

Section 3.08 Transferability and Registry.

The Bonds shall at all times, when the same are Outstanding, be payable, both as to Principal Installments and interest to a Person, and shall be transferable, only in accordance with the provisions for registration and transfer contained in this Ordinance and in the Bonds. So long as the Bonds remain Outstanding, the Town shall maintain and keep, at its office, books for the registration and transfer of the Bonds, and, upon presentation thereof for such purpose, the Town shall register or cause to be registered therein, and permit to be transferred thereon, under such reasonable regulations as it may prescribe, the Bonds, except that under no circumstances shall the Bonds be registered or transferred to bearer. So long as the Bonds remain Outstanding, the Town shall make all necessary provisions to permit the transfer of the Bonds.

Section 3.09 Transfer of the Bonds.

The Bonds shall be transferable only upon the books of the Town, which shall be maintained for such purpose by the Registrar, upon presentation and surrender thereof by the Holder of such Bond in person or by his attorney duly authorized in writing, together with a written instrument of transfer satisfactory to the Registrar duly executed by the registered Holder or his duly authorized attorney. Upon surrender for transfer of the Bond, the Town shall execute and the Registrar shall authenticate and deliver, in the name of the Person who is the transferee, one new Bond of the same aggregate principal amount and maturity and rate of interest as the surrendered Bond.

Section 3.10 Regulations with Respect to Transfers.

Any Bond surrendered in any transfer shall forthwith be cancelled by the Registrar. For each such transfer of any Bond, the Town may make a charge sufficient to reimburse it for any tax, fee or other governmental charge required to be paid with respect to such transfer, which sum or sums shall be paid by the Holder requesting such transfer as a condition precedent to the exercise of the privilege of making such transfer. The Town shall not be obligated to issue or transfer any Bond after the Record Date with respect to any Bond Payment Date of the Bond.

Section 3.11 Mutilated, Destroyed, Lost and Stolen Bond.

(a) If any Bond is surrendered to the Town or if the Town receives evidence to its satisfaction of the destruction, loss or theft of any Bond, and there is delivered to the Town such security or indemnity as may be required by it to save it harmless, then, in the absence of notice that such Bond has been acquired by a *bona fide* purchaser, the Town shall execute, and the Registrar shall authenticate and deliver, in exchange for any such mutilated Bond or in lieu of the destroyed, lost or stolen Bond, a new Bond of like tenor and principal amount, bearing a number unlike that of the mutilated, lost or stolen Bond. The Registrar shall thereupon cancel the mutilated Bond so surrendered. In case the mutilated, destroyed, lost or stolen Bond has become or is about to become due and payable, the Town in its discretion may, instead of issuing a new Bond, pay such Bond.

(b) Upon the issuance of any new Bond under this **Section 3.11**, the Town may require the payment of a sum sufficient to cover any tax, fee or other governmental charge that may be imposed in relation thereto and any other expenses, including counsel fees or other fees, of the Town connected therewith.

(c) Each new Bond issued pursuant to this **Section 3.11** in lieu of any destroyed, lost or stolen Bond, shall constitute an additional contractual obligation of the Town, whether or not the destroyed, lost or stolen Bond shall at any time be enforceable by anyone, and shall be entitled to all the benefits hereof. The Bond shall be held and owned upon the express condition that the foregoing provisions are exclusive with respect to the replacement or payment of a mutilated, destroyed, lost or stolen Bond and shall preclude (to the extent lawful) all other rights or remedies with respect to the replacement or payment of a mutilated, destroyed, lost or stolen Bond or securities.

Section 3.12 Holder as Owner of the Bond.

The Town may treat the Holder of the Bond as the absolute owner thereof, whether such Bond shall be overdue or not, for the purpose of receiving payment of, or on account of, the Principal Installment of and interest on such Bond and for all other purposes, and payment of the Principal Installment and interest shall be made only to, or upon the order of, such Holder. All payments to such Holder shall be valid and effectual to satisfy and discharge the liability upon such Bond to the extent of the sum or sums so paid, and the Town shall not be affected by any notice to the contrary.

Section 3.13 Cancellation of Bonds.

The Registrar shall destroy any Bond upon surrender of the same to it for cancellation and shall deliver a certificate to that effect to the Town. The Bond shall not be deemed Outstanding under this Ordinance and no Bond shall be issued in lieu thereof.

Section 3.14 Payments Due on Saturdays, Sundays and Holidays.

In any case where the Bond Payment Dates shall be a Saturday or Sunday or shall be, at the place designated for payment, a legal holiday or a day on which banking institutions are authorized by law to close, then payment of interest on or Principal Installment of the Bonds need not be made on such date but may be made on the next succeeding business day not a Saturday, Sunday or a legal holiday or a day upon which banking institutions are authorized by law to close, with the same force and effect as if made on the Bond Payment Dates and no interest shall accrue for the period after such dates.

Section 3.15 State Tax Exemption.

Both the Principal Installment and interest on the Bonds shall be exempt from all State, county, municipal, school district, and all other taxes or assessments of the State, direct or indirect, general or special, whether imposed for the purpose of general revenue or otherwise, except inheritance, estate, transfer and certain franchise taxes.

Section 3.16 Order of Tax Levy to Pay Principal and Interest of the Bonds.

For the payment of the Principal Installments and interest on the Bonds and for the creation of such sinking fund as may be necessary therefor, the full faith, credit and taxing power of the Town are hereby irrevocably pledged, and there shall be levied and collected annually by the Town, in the same manner as Town taxes are levied and collected, a tax on all taxable property in said Town, sufficient to pay the Principal Installments and interest on the Bonds as they mature, and to create such sinking fund as may be necessary therefor.

[End of Article III]

ARTICLE IV
[RESERVED]

ARTICLE V

SALE OF THE BONDS

Section 5.01 Sale of the Bonds Authorized.

To the extent permitted by the South Carolina Code, the Bonds may be sold through a public or private sale as shall be determined by the Administrator.

[End of Article V]

ARTICLE VI

DISPOSITION OF PROCEEDS OF SALE OF THE BONDS

Section 6.01 Disposition of Bond Proceeds Including Temporary Investments.

The proceeds derived from the sale of the Bonds issued pursuant to this Ordinance shall be deposited in a bond account of the Town or deposited with U.S. Bank National Association, as bond trustee for the Installment Purchase Revenue Bonds, and shall be expended and made use of by the Town to pay the Acquisition Payments due in the 2020-21 Fiscal Year and the costs of issuance. Any premium shall be placed in the sinking fund held by the Town for payment of principal and interest on the Bonds and applied to the discharge of principal on the Bonds.

Pending the use of Bond proceeds, the same shall be invested and reinvested by the Town in Authorized Investments. All earnings from such investments shall be applied, at the direction of the Council, either (i) to defray the cost of the undertakings for which the Bonds are issued and if not required for this purpose, then (ii) to interest on the Bonds.

Neither the purchasers nor any Holder of the Bonds shall be liable for the proper application of the proceeds thereof.

[End of Article VI]

ARTICLE VII

DEFEASANCE OF THE BONDS

Section 7.01 Discharge of Ordinance – Where and How the Bonds are Deemed to Have Been Paid and Defeased.

If all of the Bonds issued pursuant to this Ordinance and all interest thereon shall have been paid and discharged, then the obligations of the Town under this Ordinance and all other rights granted hereby shall cease and determine. The Bonds shall be deemed to have been paid and discharged within the meaning of this **Section 7.01** if the Town shall elect to provide for the payment of the Bonds prior to its final Bond Payment Dates and shall have deposited with the Escrow Agent in an irrevocable trust moneys which shall be sufficient, or Government Obligations, the principal of and interest on which when due will provide moneys, which together with moneys, if any, deposited with the Escrow Agent at the same time, shall be sufficient to pay when due the Principal Installment and interest due and to become due on the Bonds as the same mature.

Neither the Government Obligations nor moneys deposited pursuant to this **Section 7.01** nor the principal installment or interest payments thereon shall be withdrawn or used for any purpose other than, and shall be held in trust by the Escrow Agent for, the payment of the Principal Installment of and interest on the Bond; provided that any cash received from such principal installment or interest payments on Government Obligations so deposited, if not then needed for such purpose, shall to the extent practicable, be invested and reinvested in Government Obligations maturing at times and in amounts sufficient to pay when due the Principal Installment and interest to become due on the Bonds on the maturity dates thereof and interest earned from such reinvestments not required for the payment of the Principal Installment and interest may be paid over to the Town, as received by the Escrow Agent, free and clear of any trust, lien or pledge.

[End of Article VII]

ARTICLE VIII

CERTAIN TAX CONSIDERATIONS

Section 8.01 General Tax Covenant.

Interest on the Series 2020B Bond is not excludable from gross income for federal income tax purposes under Section 103 of the Code.

The Town will comply with all requirements of the Code in order to preserve the tax-exempt status of the Series 2020A Bond, including without limitation, the requirement to file the information report with the Internal Revenue Service. In this connection, the Town covenants to execute any and all agreements or other documentation as it may be advised by bond counsel will enable it to comply with this **Section 8.01**, including its certification on reasonable grounds that the Series 2020A Bond is not an “arbitrage bond” within the meaning of Section 148 of the Code.

Section 8.02 Tax Representations.

The Town hereby represents and covenants that it will not take any action which will, or fail to take any action which failure will, cause interest on the Series 2020A Bond to become includable in the gross income of the Holder thereof for federal income tax purposes pursuant to the provisions of the Code and regulations promulgated thereunder. Without limiting the generality of the foregoing, the Town represents and covenants that:

(a) All property provided by the net proceeds of the Series 2020A Bond will be owned by the Town in accordance with the rules governing the ownership of property for federal income tax purposes.

(b) The Town shall not permit the proceeds of the Series 2020A Bond or any facility financed with the proceeds of the Series 2020A Bond to be used in any manner that would result in (a) ten percent (10%) or more of such proceeds being considered as having been used directly or indirectly in any trade or business carried on by any natural person or in any activity carried on by a person other than a natural person other than a governmental unit as provided in Section 141(b) of the Code, or (b) five percent (5%) or more of such proceeds being considered as having been used directly or indirectly to make or finance loans to any person other than a governmental unit as provided in Section 141(c) of the Code.

(c) The Town is not a party to, nor will the Town enter into, any contracts with any person for the use or management of any facility provided with the proceeds of the Series 2020A Bond that do not conform to the guidelines set forth in Revenue Procedure 2017-13, as amended.

(d) The Town will not sell or lease any property provided by the Series 2020A Bond to any person unless it obtains the opinion of nationally recognized bond counsel that such lease or sale will not affect the tax exemption of the Series 2020A Bond.

(e) The Series 2020A Bond will not be federally guaranteed within the meaning of Section 149(b) of the Code. The Town will not enter into any leases or sales or service contracts with respect to any facility provided with the proceeds of the Bond with any federal government agency unless it obtains the opinion of nationally recognized bond counsel that such action will not affect the tax exemption of the Series 2020A Bond.

Section 8.03 Rebate.

(1) In addition to the covenants contained in **Sections 8.01** and **8.02** hereof, the Town covenants that:

(a) It will comply with the provisions of Section 148(f) of the Code and applicable Treasury Regulations pertaining to the rebate of certain investment earnings on the proceeds of the Series 2020A Bond to the United States Government. In this connection, the Town covenants to compute, on or before the dates required of it in Section 148(f) of the Code and the applicable Treasury Regulations, the rebateable amounts, if any, pertaining to the Series 2020A Bond and to pay to the United States Government in a timely fashion all amounts required to be so paid under said Section 148(f) of the Code and applicable Treasury Regulations with respect to the Series 2020A Bond. In this respect, the Town will pay to the United States Government in the manner described in subparagraph (b) below an amount equal to the sum of:

(i) the excess of:

a. The amount earned on all non-purpose investments (as defined in the Treasury Regulations) with respect to the Series 2020A Bond over

b. The amount which would have been earned if such non-purpose investments were invested at a rate equal to the yield (as defined in the Treasury Regulations) on the Series 2020A Bond, plus

(ii) any income attributable to such excess.

(b) Such payments shall be made to the United States Government, at the address prescribed in Section 148(f) of the Code and applicable Treasury Regulations, as follows:

(i) Not less frequently than once each five (5) years after the date of issuance of the Series 2020A Bond, an amount such that, together with prior amounts paid to the United States Government, the total paid to the United States Government is equal to ninety percent (90%) of the amount due as of the date of such payments, and

(ii) Not later than sixty (60) days after the date on which all of the Series 2020A Bond have been paid in full, all of the amount due as of the date of payment.

(2) The Mayor or the Administrator is hereby authorized to make the necessary findings and elections to enable the Town to elect to proceed with any spend down exemptions to rebate as may be permitted under said Section 148(f) of the Code and applicable Treasury Regulations as he shall determine in his discretion to be in the best interests of the Town.

[End of Article VIII]

ARTICLE IX

MISCELLANEOUS

Section 9.01 Failure to Present Bonds.

Anything in this Ordinance to the contrary notwithstanding, any money held by the Escrow Agent in trust for the payment and discharge of the Bonds, or the interest thereon, which remains unclaimed for such period of time, after the date when the Bonds have become due and payable, that the Holder thereof shall no longer be able to enforce the payment thereof, the Escrow Agent shall at the written request of the Town pay such money to the Town as its absolute property free from trust. The Escrow Agent shall thereupon be released and discharged with respect thereto, and the Holder shall look only to the Town for the payment of such Bond. Provided, however, the Escrow Agent shall forward to the Town all moneys which remain unclaimed during a period five (5) years from a Bond Payment Date; and further provided, however, that before being required to make any such payment to the Town, the Escrow Agent, at the expense of the Town, may conduct such investigations as may in the opinion of the Escrow Agent be necessary to locate the Holder or those who would take if the Holder shall have died.

Section 9.02 Severability of Invalid Provisions.

If any one or more of the covenants or agreements provided in this Ordinance should be contrary to law, then such covenant or covenants or agreement or agreements shall be deemed severable from the remaining covenants and agreements, and shall in no way affect the validity of the other provisions of this Ordinance.

Section 9.03 Successors.

Whenever in this Ordinance the Town is named or referred to, it shall be deemed to include any entity, which may succeed to the principal functions and powers of the Town; and all the covenants and agreements contained in this Ordinance by or on behalf of the Town shall bind and inure to the benefit of said successor whether so expressed or not.

Section 9.04 Ordinance to Constitute Contract.

In consideration of the purchase and acceptance of the Bond by those who shall purchase and hold the same from time to time, the provisions of this Ordinance shall be deemed to be and shall constitute a contract between the Town and the Holder from time to time of the Bond. Such provisions are covenants and agreements with the Holder which the Town hereby determines to be necessary and desirable for the security and payment thereof.

Section 9.05 Filing of Copies of Ordinance.

Copies of this Ordinance shall be filed in the office of the Town Clerk and the office of the Clerk of Court of Charleston County (as a part of the Transcript of Proceedings).

Section 9.06 Appropriation of Funds.

Notwithstanding **Section 9.09** hereof, the enactment hereof shall not be construed as an appropriation of funds with which to make Acquisition Payments. Such appropriation shall be made, if ever, only in connection with the enactment of the Town's annual operating budget for the 2020-21 Fiscal

Year. The Bonds authorized hereby may be sold and delivered only to pay Acquisition Payments when and to the extent so appropriated.

Section 9.07 Further Action by Officers of Town.

The proper officers of the Town are fully authorized and empowered to take the actions required to implement the provisions of this Ordinance and to furnish such certificates and other proofs as may be required of them.

Section 9.08 Continuing Disclosure.

Pursuant to Section 11-1-85 of the South Carolina Code, the Town covenants to file with a central repository for availability in the secondary bond market when requested:

- (1) An annual independent audit, within thirty days of the Town's receipt of the audit;
and
- (2) Event specific information within thirty days of an event adversely affecting more than five percent of revenue or the Town's tax base.

The only remedy for failure by the Town to comply with the covenant in this **Section 9.08** shall be an action for specific performance of this covenant. The Town specifically reserves the right to amend this covenant to reflect any change in (including any repeal of) said Section 11-1-85, without the consent of any Holder.

Section 9.09 Effective Date of this Ordinance.

This Bond Ordinance shall take effect upon its third reading.

[End of Article IX]

DONE in meeting duly assembled, this 21st day of July, 2020.

**TOWN OF SULLIVAN'S ISLAND,
SOUTH CAROLINA**

Mayor

Attest:

Town Clerk

First reading: May 19, 2020
Second reading: June 16, 2020
Third reading: July 21, 2020

APPROVED AS TO FORM:

Town Attorney

STATE OF SOUTH CAROLINA)
)
COUNTY OF CHARLESTON)

CERTIFICATE OF ORDINANCE

I, the undersigned, Town Clerk of the Town of Sullivan’s Island, South Carolina (the “*Town*”), **DO HEREBY CERTIFY:**

That the foregoing constitutes a true, correct and verbatim copy of an Ordinance which was given three readings on three separate days, with an interval of at least six days between the readings by the Town Council of the Town (the “*Town Council*”). The original of this Ordinance is duly entered in the permanent records of minutes of meetings of the Town Council, in my custody as such Clerk.

That each of said meetings was duly called, and all members of the Town Council were notified of the same; that a quorum remained throughout the proceedings incident to the enactment of this Ordinance.

IN WITNESS WHEREOF, I have hereunto set my Hand this 21st day of July, 2020.

Town Clerk
Town of Sullivan’s Island, South Carolina

First reading: May 19, 2020
Second reading: June 16, 2020
Third reading: July 21, 2020

Town of Sullivan’s Island, South Carolina

Ordinance No. 2020-12

An Ordinance to Amend the Ordinances of the Town of Sullivan’s Island, South Carolina, Chapter 14, By Adding a New Section 38 to read as follows:

Section 14-38 Permanent Easement, Access Easement, and Temporary Construction Easement with the Commissioners of Public Works of the City of Charleston, South Carolina (“CPW”)

WHEREAS, the Town of Sullivan’s Island is the Owner of certain real property as described in the Permanent Easement, Access Easement, and Temporary Construction Easement attached as Exhibit 1 to this Ordinance;

WHEREAS, CPW seeks to construct a water line across the Intracoastal Waterway and originating on Town of Sullivan’s Island owned property as more fully described in Exhibit 1;

WHEREAS, the proposed water line would mutually benefit the parties herein;

WHEREAS, the Town of Sullivan’s Island desires to grant the Permanent Easement, Access Easement, and Temporary Construction Easement attached as Exhibit 1 to this Ordinance and finds that said easements are in the best interest of the Town and its citizens;

NOW THEREFORE, BE IT ORDAINED by the Town of Sullivan’s Island in meeting duly assembled, that the Town of Sullivan’s Island grant CPW the Permanent Easement, Access Easement, and Temporary Construction Easement attached as Exhibit 1 to this Ordinance, pursuant to the terms and conditions of the Permanent Easement, Access Easement, and Temporary Construction Easement.

BE IT FURTHER ORDAINED that the Mayor or Mayor Pro-Tem of the Town of Sullivan’s Island is hereby directed and authorized to execute the said Permanent Easement, Access Easement, and Temporary Construction Easement and other necessary documents to complete the transaction.

This Ordinance shall take effect immediately upon its ratification.

Patrick M. O’Neil, Mayor

ATTEST:

Courtney Sottile, Town Clerk

First Reading: June 16, 2020
Second Reading: July 21, 2020
Third Reading:
Ratification:

STATE OF SOUTH CAROLINA)
)
COUNTY OF CHARLESTON)

GRANT OF EASEMENTS

WHEREAS, the Commissioners of Public Works of the City of Charleston, South Carolina intends to construct water lines between Sullivan's Island and Mt. Pleasant near the Ben Sawyer Bridge in Charleston County; and

WHEREAS, the undersigned, owns a certain parcel of land bearing Charleston County TMS #529-05-00-036; and

WHEREAS, the COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SOUTH CAROLINA has requested a permanent easement, an access easement, and temporary construction easements across said property, which the property owner has agreed to grant.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS, that THE TOWNSHIP OF SULLIVAN'S ISLAND A/K/A TOWN OF SULLIVAN'S ISLAND A/K/A TOWN COUNCIL OF THE TOWN OF SULLIVAN'S ISLAND F/K/A THE BOARD OF TOWNSHIP COMMISSIONERS OF SULLIVAN'S ISLAND (hereinafter called the "Grantor"), in consideration of the sum of FOUR THOUSAND FIVE HUNDRED and 00/100 (\$4,500.00) Dollars to the Grantor in hand paid for the easements granted hereunder, at and before the sealing of these presents, by the COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SOUTH CAROLINA the receipt of which is hereby acknowledged, has granted, bargained, sold and released, and by these presents does grant, bargain, sell and release unto the COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SOUTH CAROLINA (hereinafter called the "Commissioners"), its successors and assigns, the following:

1. A permanent transferable right-of-way and utility easement for a commercial purpose over, under and across a strip of land designated “PERMANENT UTILITY EASEMENT 0.414 ACRE/18,042 SQ. FT.” and shown as being contained between the lines running between the points designated A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P and A on a plat entitled “PLAT SHOWING A NEW PERMANENT UTILITY EASEMENT AND TWO VARIABLE WITH TEMPORARY CONSTRUCTION EASEMENTS TO BE CONVEYED TO THE COMMISSIONERS OF PUBLIC WORKS FOR THE CITY OF CHARLESTON, SOUTH CAROLINA ACROSS THE PROPERTY OF THE TOWNSHIP OF SULLIVAN’S ISLAND TOWN OF SULLIVAN’S ISLAND, CHARLESTON COUNTY, SOUTH CAROLINA” by Patrick L. Hajes, S. C. P. L. S. No. 28584 of Hussey Gay Bell dated April 1, 2019 and last revised June 5, 2019 and recorded in Plat Book _____ at page _____ in the ROD Office for Charleston County, South Carolina. Said strip of land has such size, shape, dimensions, butting and boundings, courses and distances as will by reference to said plat more fully appear. The permanent right-of-way and utility easement is hereinafter referred to as “Permanent Easement.”

Together with the right to lay, construct, locate, install, operate, maintain, inspect, repair and replace underground water lines with necessary valves, fittings, manholes, service lines, controls, devices, hydrants, equipment and other usual appurtenances within the Permanent Easement.

2. A permanent, transferable, non-exclusive, right-of-way and access easement for commercial vehicular and pedestrian ingress and egress over, under and across an existing 40’ right of way, a portion of which is designated as “STATION 20 1/2 STREET,

S-10-1237 (40' RIGHT OF WAY)" on a plat entitled "PLAT SHOWING A NEW PERMANENT UTILITY EASEMENT AND TWO VARIABLE WITH TEMPORARY CONSTRUCTION EASEMENTS TO BE CONVEYED TO THE COMMISSIONERS OF PUBLIC WORKS FOR THE CITY OF CHARLESTON, SOUTH CAROLINA ACROSS THE PROPERTY OF THE TOWNSHIP OF SULLIVAN'S ISLAND TOWN OF SULLIVAN'S ISLAND, CHARLESTON COUNTY, SOUTH CAROLINA" by Patrick L. Hajes, S. C. P. L. S. No. 28584 of Hussey Gay Bell dated April 1, 2019 and last revised June 5, 2019 and recorded in Plat Book _____ at page _____ in the ROD Office for Charleston County, South Carolina. The permanent right-of-way and access easement for vehicular and pedestrian ingress and egress is hereinafter referred to as "Access Easement."

The Access Easement may be used by the Commissioners, as well as its employees, contractors, agents, servants and any other person or entity acting with the permission of the Commissioners.

After the completion of construction by the Commissioners of the underground water lines within the Permanent Easement and within an easement granted by the Grantor across property designated by TMS # 523-00-00-001, the Access Easement may be used by the Commissioners only upon prior verbal approval of the Grantor, which shall not be unreasonable withheld.

3. A temporary transferable construction easement for a commercial purpose over, under and across a strip of land designated "TEMPORARY CONSTRUCTION EASEMENT "A" 0.045 ACRE/1,953 SQ. FT." and shown as being contained between the lines running between the points designated M, Q, R, O, N and M on a plat entitled

“PLAT SHOWING A NEW PERMANENT UTILITY EASEMENT AND TWO VARIABLE WITH TEMPORARY CONSTRUCTION EASEMENTS TO BE CONVEYED TO THE COMMISSIONERS OF PUBLIC WORKS FOR THE CITY OF CHARLESTON, SOUTH CAROLINA ACROSS THE PROPERTY OF THE TOWNSHIP OF SULLIVAN’S ISLAND TOWN OF SULLIVAN’S ISLAND, CHARLESTON COUNTY, SOUTH CAROLINA” by Patrick L. Hajes, S. C. P. L. S. No. 28584 of Hussey Gay Bell dated April 1, 2019 and last revised June 5, 2019 and recorded in Plat Book _____ at page _____ in the ROD Office for Charleston County, South Carolina. Said strip of land has such size, shape, dimensions, butting and boundings, courses and distances as will by reference to said plat more fully appear. The temporary construction easement is hereinafter referred to as “Temporary Construction Easement A.”

Temporary Construction Easement A may be used for any and all purposes related to the construction by the Commissioners of the underground water lines within the Permanent Easement and within an easement granted by the Grantor across property designated by TMS # 523-00-00-001.

4. A temporary transferable construction easement for a commercial purpose over, under and across a strip of land designated “TEMPORARY CONSTRUCTION EASEMENT “B” 1.147 ACRE/49,965 SQ. FT.” and shown as being contained between the lines running between the points designated F, E, D, S, T, U, V, W, X, Y, Z, A1, B1, C1, D1, E1, F1, G1, H1, I1, J1, K1, L1, M1 and F on a plat entitled “PLAT SHOWING A NEW PERMANENT UTILITY EASEMENT AND TWO VARIABLE WITH TEMPORARY CONSTRUCTION EASEMENTS TO BE CONVEYED TO THE

COMMISSIONERS OF PUBLIC WORKS FOR THE CITY OF CHARLESTON, SOUTH CAROLINA ACROSS THE PROPERTY OF THE TOWNSHIP OF SULLIVAN’S ISLAND TOWN OF SULLIVAN’S ISLAND, CHARLESTON COUNTY, SOUTH CAROLINA” by Patrick L. Hajes, S. C. P. L. S. No. 28584 of Hussey Gay Bell dated April 1, 2019 and last revised June 5, 2019 and recorded in Plat Book _____ at page _____ in the ROD Office for Charleston County, South Carolina. Said strip of land has such size, shape, dimensions, butting and boundings, courses and distances as will by reference to said plat more fully appear. The temporary construction easement is hereinafter referred to as “Temporary Construction Easement B.”

Temporary Construction Easement B may be used for any and all purposes related to the construction by the Commissioners of the underground water lines within the Permanent Easement and within an easement granted by the Grantor across property designated by TMS # 523-00-00-001. Temporary Construction Easement B may also be used for vehicular and pedestrian ingress and egress to and from Station 20 1/2 Street to and from the Permanent Easement.

Temporary Construction Easement A and Temporary Construction Easement B will terminate when the Commissioners: (a) complete the construction of the underground water lines within the Permanent Easement and within an easement granted by the Grantor across property designated by TMS # 523-00-00-001, (b) the underground water lines are placed in service, and (c) sediment and erosion control measures are approved for removal by the South Carolina Department of Health and Environmental

Control and removed by the Commissioners from the Permanent Easement and Temporary Construction Easement A and Temporary Construction Easement B.

TOGETHER with all the rights and privileges necessary or convenient for the full enjoyment or use thereof.

It is further agreed that:

- (1) The Grantor and Grantor's heirs, successors and assigns, will have full use of the surface area of the Permanent Easement, provided, however, that neither Grantor nor Grantor's heirs, successors or assigns shall construct, build or place any permanent structure over the surface of the Permanent Easement, it being the purpose of the Commissioners to (1) protect the integrity of the said utility lines which will be located below the surface, and (2) to allow quick and ready access to the utility lines to facilitate repairs. Notwithstanding the above, Grantor shall have the right to build, place and maintain any playground equipment on the surface area of the Permanent Easement. Commissioners shall have the right to remove or modify the playground equipment if, in Commissioners' sole discretion, removal or modification is necessary to (1) protect the integrity of the said utility lines which will be located below the surface, and (2) to allow quick and ready access to the utility lines to facilitate repairs. In the event that Commissioners remove or modify the playground equipment or playground surface area, Commissioners agree to do so at Commissioners sole costs and expense, and agree to

repair or replace the playground equipment and playground surface area in substantially the same or new condition, as is commercially reasonable.

- (2) The Commissioners shall have the right from time to time to trim, cut or remove trees, underbrush and other obstructions that are over, under or upon the Permanent Easement. Provided, however, the Commissioners will not cut or remove any trees exceeding 8” DBH without first obtaining the approval of the Grantor.
- (3) The Commissioners shall have the right from time to time to trim, cut or remove trees, underbrush and other obstructions that are over, under or upon Temporary Construction Easement A and Temporary Construction Easement B prior to said easements being terminated. Provided, however, the Commissioners will not cut or remove any trees exceeding 8” DBH without first obtaining the approval of the Grantor.
- (4) The Commissioners shall construct a chain link fence surrounding the Permanent Easement, Temporary Construction Easement A and Temporary Construction Easement B. Said chain link fence shall be removed after the Commissioners complete the construction of the underground water lines within the Permanent Easement.
- (5) In addition to the rights set forth in the Access Easement, after the completion of construction by the Commissioners of the underground water lines within the Permanent Easement and within

an easement granted by the Grantor across property designated by TMS # 523-00-00-001, and upon prior verbal approval of the Grantor, which shall not be unreasonable withheld, the Commissioners will have the right of ingress, egress, and access to and from the Permanent Easement across and upon such lands of the Grantor as may be reasonably necessary for purposes of maintaining, inspecting, repairing and replacing underground water lines and equipment which will be constructed in the Permanent Easement.

- (6) Commissioners agree that upon completion of construction, the surface of any unpaved portions of the Permanent Easement, Temporary Construction Easement A and Temporary Construction Easement B which are highland that are disturbed by said construction will be regraded and replanted with grass. Any pavement damaged by the construction will be repaired. The surface of any unpaved portions of Permanent Easement, Temporary Construction Easement A and Temporary Construction Easement B which are wetlands or marsh that are disturbed by said construction, if any, will be restored in accordance with the permits issued by the authority or authorities having jurisdiction over said wetlands or marsh. Commissioners will also replace any existing playground features that are removed by the Commissioners or its contractors during construction.

- (7) The Permanent Easement and Access Easement will run with the land and continue to exist so long as it is used for utility purposes. In the event the Commissioners should determine to abandon the Permanent Easement and Access Easement, written notice will be given to the then owners of the property subject to Permanent Easement and Access Easement stating that the Commissioners have given up all rights in Permanent Easement and Access Easement and shall execute and record an Abandonment of Easement in the ROD Office for Charleston County.
- (8) The Permanent Easement, Access Easement, Temporary Construction Easement A and Temporary Construction Easement B granted herein are for commercial purposes and may be transferred and assigned by Commissioners and its successors and assigns.
- (9) The agreements contained herein shall be binding upon the Commissioners and Grantor and their respective heirs, successors and assigns.

TO HAVE AND TO HOLD, all and singular, the easements rights and privileges above described unto the COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SOUTH CAROLINA its successors and assigns forever.

IN WITNESS WHEREOF, the undersigned have set their hands and seals this ____ day of _____ 2020.

(Signatures on following pages)

WITNESSES:

THE TOWNSHIP OF SULLIVAN'S ISLAND
A/K/A TOWN OF SULLIVAN'S ISLAND A/K/A
TOWN COUNCIL OF THE TOWN OF
SULLIVAN'S ISLAND F/K/A THE BOARD OF
TOWNSHIP COMMISSIONERS OF
SULLIVAN'S ISLAND

By: _____
Print Name: _____
Its: _____

STATE OF SOUTH CAROLINA)
)
COUNTY OF CHARLESTON)

ACKNOWLEDGMENT

I, _____, Notary Public for the State of South Carolina, do hereby certify that The Township of Sullivan's Island a/k/a Town of Sullivan's Island a/k/a Town Council of The Town Of Sullivan's Island f/k/a The Board Of Township Commissioners of Sullivan's Island by _____ its _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Subscribed to and sworn before me this _____ day of _____, 2020.

Name: _____
Notary Public, State of South Carolina
My commission expires: _____

WITNESSES:

COMMISSIONERS OF PUBLIC
WORKS OF THE CITY OF
CHARLESTON, SOUTH CAROLINA

By: _____
Print Name: _____
Its: _____

STATE OF SOUTH CAROLINA)
)
COUNTY OF CHARLESTON)

ACKNOWLEDGMENT

I, _____, Notary Public for the State of South Carolina, do hereby certify that the Commissioners of Public Works of the City of Charleston, South Carolina by _____ its _____, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Subscribed to and sworn before me this _____ day of _____, 2020.

Name: _____
Notary Public, State of South Carolina
My commission expires: _____

STATE OF SOUTH CAROLINA)
)
COUNTY OF CHARLESTON)

GRANT OF EASEMENTS

WHEREAS, the Commissioners of Public Works of the City of Charleston, South Carolina intends to construct water lines between Sullivan’s Island and Mt. Pleasant near the Ben Sawyer Bridge in Charleston County; and

WHEREAS, the COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SOUTH CAROLINA has requested a permanent easement the undersigned across property designated by Charleston County TMS #523-00-00-001, which the undersigned has agreed to grant.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS, that that THE TOWNSHIP OF SULLIVAN’S ISLAND A/K/A TOWN OF SULLIVAN’S ISLAND A/K/A TOWN COUNCIL OF THE TOWN OF SULLIVAN’S ISLAND F/K/A THE BOARD OF TOWNSHIP COMMISSIONERS OF SULLIVAN’S ISLAND (hereinafter called the "Grantor"), in consideration of the sum of FIVE HUNDRED and 00/100 (\$500.00) Dollars to the Grantor in hand paid for the easements granted hereunder, at and before the sealing of these presents, by the COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SOUTH CAROLINA the receipt of which is hereby acknowledged, has granted, bargained, sold and released, and by these presents does grant, bargain, sell and release unto the COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SOUTH CAROLINA (hereinafter called the "Commissioners"), its successors and assigns, a permanent transferable right-of-way and utility easement for a commercial purpose over, under and across a strip of land designated “PERMANENT UTILITY EASEMENT 2.153 ACRES/93,798 SQ. FT.” shown as being contained between

the lines running between the points designated A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R and A on a plat entitled "PLAT SHOWING A NEW PERMANENT UTILITY EASEMENT TO BE CONVEYED TO THE COMMISSIONERS OF PUBLIC WORKS FOR THE CITY OF CHARLESTON, SOUTH CAROLINA ACROSS THE PROPERTY OF THE TOWNSHIP OF SULLIVAN'S ISLAND TOWN OF SULLIVAN'S ISLAND, CHARLESTON COUNTY, SOUTH CAROLINA" by Patrick L. Hajes, S. C. P. L. S. No. 28584 of Hussey Gay Bell dated April 2, 2019 and last revised June 4, 2019 and recorded in Plat Book _____ at page _____ in the ROD Office for Charleston County, South Carolina. Said strip of land has such size, shape, dimensions, butting and boundings, courses and distances as will by reference to said plat more fully appear. The permanent right-of-way and utility easement is hereinafter referred to as "Permanent Easement."

Together with the right to lay, construct, locate, install, operate, maintain, inspect, repair and replace underground water lines with necessary valves, fittings, manholes, service lines, controls, devices, hydrants, equipment and other usual appurtenances within the Permanent Easement.

TOGETHER with all the rights and privileges necessary or convenient for the full enjoyment or use thereof.

It is further agreed that:

- (1) Upon prior approval of the Grantor, which shall not be unreasonably withheld, the Commissioners will have the right of ingress, egress, and access to and from the Permanent Easement across and upon such lands of the Grantor as may be reasonably necessary or convenient for purposes connected with said Permanent Easement

Also, Commissioners shall have the right from time to time to trim, cut or remove trees, underbrush and other obstructions that are over, under or upon the Permanent Easement. Provided, however, the Commissioners will not cut or remove any trees exceeding 8" DBH without first obtaining the approval of the Grantor.

- (2) The Grantor and Grantor's heirs, successors and assigns, will have full use of the surface area of the Permanent Easement, provided, however, that neither Grantor nor Grantor's heirs, successors or assigns shall construct, build or place any permanent structure over the surface of the Permanent Easement, it being the purpose of the Commissioners to (1) protect the integrity of the said utility lines which will be located below the surface, and (2) to allow quick and ready access to the utility lines to facilitate repairs. Notwithstanding the above, Grantor shall have the right to build, place and maintain any playground equipment on the surface area of the Permanent Easement. Commissioners shall have the right to remove or modify the playground equipment if, in Commissioners' sole discretion, removal or modification is necessary to (1) protect the integrity of the said utility lines which will be located below the surface, and (2) to allow quick and ready access to the utility lines to facilitate repairs. In the event that Commissioners remove or modify the playground equipment or playground surface area, Commissioners agree to do so at Commissioners sole costs and expense, and agree to

repair or replace the playground equipment and playground surface area in substantially the same or new condition, as is commercially reasonable.

- (3) The Permanent Easement will run with the land and continue to exist so long as it is used for utility purposes. In the event the Commissioners should determine to abandon the Permanent Easement, written notice will be given to the then owners of the property subject to Permanent Easement stating that the Commissioners have given up all rights in Permanent Easement and shall execute and record an Abandonment of Easement in the ROD Office for Charleston County.
- (4) The Permanent Easement granted herein is for commercial purposes and may be transferred and assigned by Commissioners and its successors and assigns.
- (5) The agreements contained herein shall be binding upon the Commissioners and Grantor and their respective heirs, successors and assigns.

TO HAVE AND TO HOLD, all and singular, the easements rights and privileges above described unto the COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SOUTH CAROLINA its successors and assigns forever.

IN WITNESS WHEREOF, the undersigned have set their hands and seals this ____ day of _____ 2020.

(Signatures on following pages)

WITNESSES:

THE TOWNSHIP OF SULLIVAN'S ISLAND
A/K/A TOWN OF SULLIVAN'S ISLAND A/K/A
TOWN COUNCIL OF THE TOWN OF
SULLIVAN'S ISLAND F/K/A THE BOARD OF
TOWNSHIP COMMISSIONERS OF
SULLIVAN'S ISLAND

By: _____
Print Name: _____
Its: _____

STATE OF SOUTH CAROLINA)
)
COUNTY OF CHARLESTON) ACKNOWLEDGMENT

I, _____, Notary Public for the State of South Carolina, do hereby certify that The Township of Sullivan's Island a/k/a Town of Sullivan's Island a/k/a Town Council of The Town Of Sullivan's Island f/k/a The Board Of Township Commissioners of Sullivan's Island by _____ its _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Subscribed to and sworn before me this _____ day of _____, 2020.

Name: _____
Notary Public, State of South Carolina
My commission expires: _____

WITNESSES:

COMMISSIONERS OF PUBLIC
WORKS OF THE CITY OF
CHARLESTON, SOUTH CAROLINA

By: _____
Print Name: _____
Its: _____

STATE OF SOUTH CAROLINA)
)
COUNTY OF CHARLESTON)

ACKNOWLEDGMENT

I, _____, Notary Public for the State of South Carolina, do hereby certify that the Commissioners of Public Works of the City of Charleston, South Carolina by _____ its _____, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Subscribed to and sworn before me this _____ day of _____, 2020.

Name: _____
Notary Public, State of South Carolina
My commission expires: _____



June 8, 2020

Chris Griffin, Chief
Sullivan's Island Police Department
2050-C Middle Street
Sullivan's Island, S.C. 29482

Tosha R. Connors
CEO

Greetings Chief Griffin:

Board of Directors

Rock Amick
Chair

Chad Rhoad
Chair Elect

Yakisha Bookard
Kimberly Collins
Hon. Kristi Harrington (Ret.)
Natalie Caula Hauff
Becky Temple Jones
Dr. Sarah King Fitzgerald
Lana Kleiman
Elliott Quinn IV, Esq.
Renee Rivlin
Mark Ruppel

My Sister's House, Inc. has provided services to domestic violence victims residing in Berkeley, Charleston, and Dorchester counties for close to 40 years. As you probably know, S.C. is one of the deadliest states in the nation for the number of women killed by intimate partners. In every year that records have been kept, S. C. has ranked in the top 10. As recently as 2015, S. C. topped the list, as they did in 2013, 2003, and 2000. We now rank 5th. Just last week, a mother and 2 of her daughters were murdered in a domestic violence incident. Locally, in the Tri-County area, 3 women were killed over a 6-month period in 2018. Two women were killed in Charleston County during September 2019.

Our clients become homeless due to the abuse they have experienced at the hands of their intimate partners. We answer a Crisis Line, around the clock. We provide women and their children who are in imminent danger - with free room and board, along with a variety of support services (counseling, legal advocacy, and case management (employment counseling, medical support, etc.)). Last year, we housed 228 women and children, answered 1,768 Crisis Line calls, and assisted with 790 court cases.

Tri-County
Advisory Board

Ron Acierno, Ph.D.
Cynthia Alston-Bell
Halcy Carter, M.D.
Cindy Davis, CPA
Deborah Eures-Hennessy
Myra Grimes
Jeannine Monnier, Ph.D.
Clayton Thompson
Melva Zinaich

A donation from the Harleyville Police Department will help us to break the cycle of domestic violence in our Tri-County area. Your donation will help to cover vital program operating costs. *As a direct service provider for victims of domestic violence, we are eligible to receive funds that you may have at your discretion.*

My Sister's House will use any monies (\$10,000) received from the Harleyville Police Department towards payment of general operating costs of our Emergency Shelter. Such costs are key to what we do; they provide for client assistance (food expenses, bus coupons, gas cards, medical supplies); van transportation, telephone and utility expenses, general facility maintenance and staff training materials (books, publications, etc.) Each year, these costs increase, due to the number of victims we serve.

I am hoping that your consideration of our request will be positive – as it will make a huge difference in the lives of domestic violence survivors.

Please let me know if I can answer any questions that may be helpful to your decision.

Sincerely,

Debbie Easterling

(Assistant to CEO Tosha Connors, soon to be on maternity leave)

debbie@mysistershouse.com



Office of the Attorney General
Department of Crime Victim Compensation (DCVC)
Victim Assistance Fines, Fees and Assessment Fund
Donation Checklist

Agency Donating Funds: Sullivan's Island Police Department

Address: 205 Middle Street, Sullivan's Island, S.C. 29482

Contact Name: _____

Email: _____

Phone Number: 843-883-3198 Fax: _____

Amount Donated: _____ Amount Requested: \$10,000 Fiscal Year: 2020

Agency Requesting and Receiving Donation: My Sister's House

Address: P.O. Box 71171, N. Charleston, S.C. 29415

Contact Name: Debbie Easterling (Assisting Tosta Connors, CEO)

Email: debbie@mysistershouse.com

Phone Number: 843-225-8401 Fax: _____

Agency Donating Funds - Steps Required Below

- I. Ensure a **detailed request letter** is received from the agency requesting the donation.
 - A. Request letter **must** include the following:
 - **Specific details of intended use of the requested funds.**
- II. Ensure the **required** reporting requirement is met. The agency requesting the donation is **required** to provide **monthly, quarterly and year-end reports** to your agency indicating number and types of victims assisted and services provided.
(Sample report can be found at www.sova.sc.gov under auditing tab)
- III. Ensure your agency responds with written notification to the agency making the request for the donation and indicate the amount to be donated.
- IV. Ensure that the **Donation Form** is completed and signed by all parties.

Please note the following:

1. Each request for funds is considered a **one-time donation** and is **not guaranteed** for the following year.
2. Each request for funds is to be submitted annually.
3. Reports noted in II above may be requested for review by the auditing staff.
4. The request letter for funds is **required to be detailed** and include: who, what, when, where, why and how the donated funds will be used to provide direct service to crime victims.

All letters and donation forms are required to be submitted to DCVC

Agency Requesting and Receiving Donation - Steps Required Below

- I. Submit a detailed signed and dated request letter for funds to the donating agency. Letter must include specific details of intended use of the requested funds.
- II. Ensure the **required** reporting requirement is met. The agency requesting the donation is **required** to provide **monthly, quarterly and year-end reports** to your agency indicating number and types of victims assisted and services provided.
(Sample report can be found at www.sova.sc.gov under auditing tab)
- III. Once the donation is received:
 - You are required to provide monthly, quarterly and year-end reports to the agency providing the donation indicating the number and types of victims assisted and services provided. (Sample report can be found at www.sova.sc.gov under auditing tab)
 - You are **required** at the end of the fiscal year to provide DCVC with a budget and or report showing how the donated funds were used. The budget/expenditure report is required per ACT 96 (Part IV).
- IV. Ensure that the **Donation Form** is completed and signed by all parties.

Please note the following:

1. Each request for funds is considered a **one-time donation** and is **not guaranteed** for the following year.
2. Each request for funds is to be submitted annually.
3. Reports noted in II above may be requested for review by the auditing staff.
4. The request letter for funds is **required to be detailed** and include: who, what, when, where, why and how the donated funds will be used to provide direct service to crime victims.

All letters and donation forms are required to be submitted to DCVC

Please Note: This form and process is separate from any contract negotiations between counties or municipalities. However, all contracts should include amounts to be transferred to the county or municipality providing services and reports are **required** by the contractual county or municipality. Also, all contracts are **required** to be forwarded to DCVC and all reports may be requested as deemed necessary by the auditing staff for review.

BOTH SIGNATURES REQUIRED

Signature for Agency Donating Funds: _____

Title: _____

Date: _____

Signature for Agency Requesting & Receiving Funds: Debbie Easterling _____

Title: Grant Writer

Date: 6-1-2020



**National Crime Victims
Research & Treatment Center**

67 President St., MSC861
IOP, 2 South
CHARLESTON, SC 29425
Ph (843) 792-2945
FAX (843) 792-3388
<http://www.musc.edu/nvc>

June 25, 2020

Jason Blanton, Deputy Administrator/Comptroller
Town of Sullivan's Island
Post Office Box 427
Sullivan's Island, SC 29482

Dear Mr. Blanton,

As you may be aware, ACT 141, S.C. Code of Laws 13-1-211 authorizes that a portion of fines, fees, assessments and surcharges collected by counties and municipalities be retained for the exclusive purpose of providing direct services to victims of crime. Municipalities and counties are authorized to use these funds themselves or to contract with other agencies who provide direct services for victims of crime. The National Crime Victims Research and Treatment Center (NCVC) respectfully requests consideration to be contracted in the amount of \$20,000 from monies collected pursuant to ACT 141 and retained in the Town of Sullivan Island's Victim Advocate Fund for Fiscal Year 2020.

The NCVC is a division of the Department of Psychiatry and Behavioral Sciences at the Medical University of South Carolina (MUSC). Since 1977, the NCVC has been providing evidence-based clinical services to adults, children, and their families who have experienced crime or some other types of traumatic events. The NCVC is a national leader in conducting research on the identification, assessment, and treatment of youth and adult victims in the areas of crime, trauma, substance use, and other health-risk behaviors. The NCVC is well-known for its expertise in developing and providing evidence-based clinical interventions; supportive services; local, state, and national training presentations; and consultation on culturally-competent, evidence-based resources for adults, youth and their families. The NCVC offers a wide range of clinical services, including assessment, treatment, and case management. Adults and children are provided psychotherapy services through our Adult and Family & Child Office-Based Clinics, as well as our Community Outreach Program-Esperanza (COPE) Clinic. The office-based clinics (Director of Operations: Dr. Alyssa Rheingold) serve predominantly ethnic minority and lower socioeconomic populations. The COPE Clinic brings victim services into the Charleston TriCounty (Charleston, Berkeley and Dorchester) communities (e.g., homes, schools and churches) to meet the needs of traditionally underserved populations. Both clinic and community-based services provide evidence-based, culturally-competent assessment and treatment to individuals who have been exposed to crime and other traumatic events. Direct mental health office-based patient care is in part provided by pre-doctoral psychology interns completing a half-time, 6-month rotation at the NCVC as part of their clinical internship. Each intern carries a caseload of approximately 10 clients per week for trauma-focused assessment and/or treatment and are closely supervised by one of our 12 licensed clinical psychology faculty members who are experts in evidence-based trauma treatments.

During COVID-19, our Center has been working remotely since March 15, 2020. As such, we have been providing services via telehealth to victims. We have needed to purchase additional data enabled tablets to

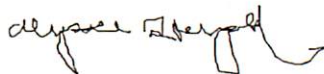
provide to victim who do not have access to video conferencing capabilities or internet access so they can receive services from our Center.

With your support, NCVC would fund one of our psychology interns within our office based and outreach clinics who will provide evidence-based trauma focused mental health treatment to victims of crime. We typically have 3-4 psychology interns within our office-based clinic and 2- 4 psychology interns within our outreach clinic rotating every 6 months. Specifically, interns conduct thorough mental health and trauma assessments, create individualized treatment plans, and provide weekly trauma-focused treatment. Treatment typically lasts 8-20 sessions in length where interns work closely with victims to develop coping strategies to manage crime related distress and learn adaptive approaches to trauma related difficulties. In addition, with you support we need to cover the additional COVID-19 telehealth expenses of the data-enabled plans of our tablets. Given the recent increase in COVID-19 in South Carolina, we anticipate telehealth services will continue through the rest of 2020.

If selected to receive ACT 141 funds from the Town of Sullivan's Island, the NCVC agrees to provide a quarterly and yearly accounting of how these funds have been utilized along with numbers and statistics detailing the amount and type of services rendered to victims of crime. Our records indicate that during 2019, the NCVC provided mental health services to over 500 victims of crime. With the help of ACT 141 funds, we will be able to continue to assist victims of crime with state of the art evidence based trauma focused therapy via telehealth platforms in order to help victims adapt and heal.

Again, we appreciate your consideration to support our direct victims services mental health services with ACT 141 funds. Thank you for your time and attention. If you have any questions or comments, please contact our office at (843) 792-8209 or rheingaa@musc.edu.

Sincerely,



Alyssa A. Rheingold, Ph.D. Professor and Director of Clinical Operations
National Crime Victims Research & Treatment Center



Dean G. Kilpatrick, Ph.D.
Distinguished University Professor of Clinical Psychology
Director, National Crime Victims Research & Treatment Center

June 29, 2020



Andy Benke, Town Administrator

Town of Sullivan's Island

PO Box 427

Sullivan's Island, SC 29482

people against rape

Committed to helping

Committed to healing

Board of Directors

Tenelle Jones
Board Chair

Hal Cobb
Vice Chair

Monica Scott
Treasurer

Dean Kilpatrick, Ph. D.

Michael Roach

Von Bakanic, Ph.D.

Heather Woolwine

Ashley Giancola

Lynette Dickerson

Vickey Cornelison-Grant

Djuanna Brockington
Interim Executive Director

198 Rutledge Ave, Ste 5
Charleston, SC 29403

843-577-9882

843-745-0144 (hotline)

peopleagainstrape.org

Dear Mr. Benke,

People Against Rape, the rape crisis center for Berkeley, Charleston, and Dorchester counties (hereinafter referred to as "PAR"), hereby respectfully requests funding in the amount of \$15,000 from monies collected pursuant to ACT 141 and retained in the Town of Sullivan Island's Victim Advocate Fund for Fiscal Year 2020.

Your department's past contributions have been crucial to PAR's mission. We sincerely appreciate your generosity and support.

As you know, ACT 141, S.C. Code of Laws § 14-1-211 authorizes that a portion of fines, fees, assessments, and surcharges collected by counties and municipalities be retained for the exclusive purpose of providing direct services to victims of crime. Municipalities and counties are authorized to use these funds themselves or to contract with other agencies, specifically rape crisis centers, domestic violence programs, and criminal justice system-based victim assistance programs (in law enforcement agencies, solicitor's offices, detention centers and the courts), to provide direct victim services.

With this funding, PAR agrees to use these monies to provide direct victim services, including crisis intervention through the 24-hour crisis hotline for sexual assault victims and their families, providing accompaniment and support to victims during emergency department visits and forensic exams, accompanying victims who are participating in seeking convictions of their attackers through the criminal justice system and providing continued support and referrals to victims as they pursue recovery. PAR will also use these monies for our victim relief fund, which provides emergency financial assistance for victims, including emergency transportation and shelter.

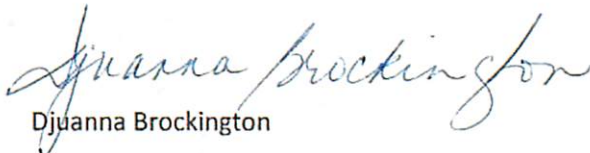
If selected to receive ACT 141 funds from the Town of Sullivan's Island, PAR agrees to provide quarterly and yearly accounting of how these funds have been utilized along with numbers and statistics detailing the amount and type of services rendered to victims of sexual assault within our service area. Our records indicate that during 2019, PAR accompanied over 200 victims to the hospital for sexual

assault forensic exams and responded to nearly 700 hotline calls.

With the help of ACT 141 funds from the Town of Sullivan's Island, PAR will continue to improve the quality of life of victims and survivors of sexual assault and empower the community to stand-up and speak out against sexual violence. PAR is committed to working together with you and the Sullivan's Island Police Department in providing direct services to adult victims of sexual assault.

PAR appreciates the hard work of the Town of Sullivan's Island and the Sullivan's Island Police Department and your dedication to serving victims of sexual assault. We are grateful for your generosity, your trust, and most importantly your willingness to assist us in achieving our mission. Thank you in advance for your valuable time and consideration of our request. Please feel free to contact me at (843) 830-7450 or execdirector@peopleagainstrape.org if you require any further information.

Respectfully yours,

A handwritten signature in blue ink that reads "Djuanna Brockington". The signature is written in a cursive style with a large, flowing "D" and "B".

Djuanna Brockington

Interim Executive Director

Victim Assistance Fines, Fees and Assessment Fund Donation Form

Donating Agency: Town of Sullivan's Island
Donating Agency Address: PO Box 427 Sullivan's Island, SC 29482
Donating Agency Contact: Andy Berke / Jason Blanton
Donating Agency Contact Email: jblanton@sullivanisland.sc.gov
Donating Agency Phone Number: 843-883-5751 Fax: _____
Amount Donated: _____ Amount Requested: \$15,000.⁰⁰ Fiscal Year: 2020-2021

Agency Requesting Donation: People Against Rape
Agency Requesting Donation Address: 198 Rutledge Ave, Ste 5 Charleston, SC 29403
Agency Requesting Donation Contact: Juanna Brockington
Agency Requesting Donation Contact Email: djuanna@peopleagainstrape.org
Agency Requesting Donation Phone Number: 843-830-7450 Fax: _____

All Steps Below Are Required:

Checklist for Donating Agency: (Contact SOVA Auditing Section with questions at 803-734-1900)

____ Ensure you receive a request letter from the agency making the donation request identifying how these funds will be used in providing direct victim services to crime victims? *All requests must be submitted yearly and considered a one-time donation and is not a guarantee of funds.*

____ Ensure your agency responds with written notification to the request letter indicating the amount that will be donated for only direct victim services to the requesting agency?

____ Ensure your agency's response letter indicates the amount to be donated and inform the agency requesting the donation that they are required to provide monthly, quarterly and year-end reports to your agency showing the number and types of victims assisted and services provided? A sample report can be found at www.sova.sc.gov under the auditing tab attached to the sample contract. **These reports may be requested for review by the auditing staff during the budget phase or during an audit if warranted.**

____ Ensure your agency informs the requesting agency or organization receiving the funds that they will be required at the end of the fiscal year to provide SOVA with a budget and or report showing how the donated funds were used? The budget/expenditure report is a requirement per Proviso 89.61.

____ This is separate from any contract negotiations between counties/municipalities. However, all contracts should include amounts to be transferred to county/municipality providing services and reports above are required by the contractual county/municipality.

Signature for Donating Agency: _____ Date: _____
Signature for Requesting Agency: Juanna Brockington Date: 16 July 2020

Mayor's Report

Mayor Pat O'Neil

July 21, 2020 Town Council Meeting

1 Item: Update on Bluestein et al. vs. Town of Sullivan's Island mediation schedule



ADMINISTRATOR'S REPORT TO COUNCIL
Council Meeting
July 21, 2020

I. Council Correspondence

No Correspondence Since July Workshop on 7-6-2020

- 1) Mary Pringle – Island Turtle Team, 7-3-20 (email): July Newsletter
- 2) Benjamin Byrnes – National Park Service, 7-2-20 (email): note of appreciation for previous assistance and cooperation from Town staff to the National Park Service Visitor and Resource Protection

II. Construction

- 1) Fire Station – Curt Berg/ABS met with Chief Stith and Administrator Benke mid-June for initial conversation regarding interior work on the fire station.
- 2) Thomas and Hutton – Station 22.5 Crosswalk: SCDOT returned the encroachment permit and construction drawings completed. Awaiting Thomas and Hutton contract for permitting, bidding process and construction oversight.
- 3) South Carolina Department of Transportation – Stormwater Repair
 - a) Station 28.5 – Department continues to review solutions for the basin and outfall; Town and SCDOT will submit a joint application to CTC for 2021 project year
 - b) Station 13 Street – After evaluating the stormwater pipe the Department will be replacing much of the line along Station 13 Street.

- 4) Accreted Land Transition Zone Trimming – Staff awaiting vendor meeting to review cutting parameters before commencement of transition zone work along Pettigrew Street.
- 5) Charleston County Transportation Committee – Staff has confirmed paving offer along Conquest Avenue and short Raven Drive using CTC pavement management fees. Await approval from the CTC Committee.
- 6) Toler’s Cove Dredging Project – The engineer has advised that the project is complete, final calculations for material deposited in the basin verified and invoice tendered.
- 7) Beach Path Maintenance – Staff is preparing to review work necessary to establish clearance alongside each beach path

III. General

- 1) Pandemic Planning – Town remains at OPCON 2 with limited public access to Town Hall. Residents and businesses should utilize remote access for Town business until further notice. Staff is present at Town Hall for regular hours 8am to 5 pm. All Town events for Independence Day were cancelled and fireworks rescheduled for December 4, 2020. Parks and playgrounds remain open to public under notice to use with risk.

With regard to Town staff, 3 Town Hall and 2 Police Department employees have been tested for COVID-19 after exhibiting symptoms. Currently all 5 employees are under voluntary isolation pending test results.

- 2) Engine 1201 – The new pumper is in service and Engine 1202 has been retired. Treasure Cay Emergency Services is prepared to take delivery through Senator Sandy Senn during the first week of July.
- 3) Stormwater Flooding – In an effort to resolve the flooding at Station 22 ½ and I’On Avenue property owners Madeleine McGee and Bunky Wichmann requested a study of the area by Charleston County. After a field review with Town staff, the County Public Works Department prepared an estimate of cost to clean, video and analyze the pipe on Station 22 ½ up to Middle Street.
- 4) Elko Coastal Consulting, Inc. Annual Beach Monitoring Survey – Dr. Elko has tendered the annual beach monitoring survey for the period ending June

30, 2020. By and large the beach is in great condition. Modest recovery in the north east reach. Beach and dune growth appears to be consistent and the shoreline position seems stable.

5) Boards and Commissions 2020 – Terms for the various Boards and Commission seats expire in September 2020. During this calendar year five (5) terms will expire and one seat is vacant due to resignation.

- Planning Commission, Sydney Cook – term expiration
- Planning Commission, Hal Currey – term expiration
- Planning Commission, Carl Hubbard – term expiration
- Planning Commission, Gary Visser – term expiration
- Tree Commission, Theresa Luke – resignation
- Tree Commission, Nat Robb – term expiration

6) Accreted Land Invasive Removal – Quarterly report for invasive removal indicates wisteria and poison ivy continue to be a major challenge. Additionally, seedlings of invasive plants in the transition zone continue to emerge. The extremely wet conditions have resulted in several trees toppling.

July 15th, 2020

To: Andy Benke, Town of Sullivan's Island

From: Jeff Jackson, Lowcountry Roots

Re: Spring 2020 Invasive Plant Control

Hello Andy,

Enclosed you'll find my invoice for invasive plant control for spring 2020.

Conditions were drier early on, then increasingly wetter as spring transitioned into early summer, but I've been able to still get in and get some work done. Most of my time was spent west of Station 16 around the Nature Trail and adjacent areas, and also in Phase 1 of the transition zone and forward of it. Plenty of invasive seedlings still emerging there. I've literally pulled thousands. Good exercise to say the least.

A few notes on the transition zone. Some of the trees we left have been toppled, most likely naturally as a result of wind and not having supporting vegetation around them. High moisture has also played a role I'd imagine. I've seen evidence of someone, besides myself, applying herbicide in the area of about Station 16.5. Also I've noticed some clearing and opening up of ground-level vegetation beyond the Transition zone a few houses east of the Sand Dunes Club property.

It was great to work during the shutdown. Much fewer questions and inquiries from the public. I have had several conversations with property owners adjacent to the Transition zone, especially concerning standing water. I just explain that we have had excessive rain and a very high water table.

That wisteria is a real challenge. I've managed to keep the Station 16 mega-patch contained. It constantly sends ground-level stolons deep into the woods and down the Battery Logan Field edge towards the federal property. I was holding off on the patch forward of Pettigrew, but since they aren't removing everything down to the ground in that phase I'll attack it while I'm overseeing the work on Phase 2. I'm still also continuing to battle the poison ivy along the Nature Trail.

I'm still on track to be far below what my previous budget was for invasive control. I'm hoping we don't get anymore tropical activity this year and that the lands dry out a little. I want to do more tallow control come fall, but if worse comes to worse, I'll invest in some chest waders. For now, I'll continue to keep these seedlings under control.

Jeff Jackson

**FINANCE
COUNCIL MEETING
July 21, 2020**

**Chairman Mayor Pat O'Neil
All Members of Council**

All matters connected with Town finances, taxes and licenses. The Committee shall prepare and submit an annual operating budget and capital improvement program to Council.

I. Matters for Action by Council

A. None

II. Matters for Discussion by Council

A. None

III. New Matters Presented to Council

A. None

IV. Matters Pending by Council

A. None

PUBLIC FACILITIES COUNCIL MEETING

July 21, 2020

Chairman Greg Hammond
Members Sarah Church and Tim Reese

All matters relating to construction, maintenance and improvements of streets, beach paths and Town-owned buildings; sanitation services including trash and garbage; storm water management; and energy and resource conservation programs.

Monthly Construction Report Presented by Randy Robinson (if needed).

I. Matters for Action

- a. None

II. Matters for Discussion

- a. Recommendation of Public Facilities Committee to:
 - i. Seal and tack-weld openings at Battery Logan and large cement building behind “the mound” for safety purposes
 - ii. Seal and tack-weld openings at Battery Thomson for safety purposes, remove remaining extraneous ply-wood structures, re-paint, remove power line from pole to structure
 - iii. Begin sale process for old town hall property
 - iv. Evaluate safety of shallow-well structures in the Jasper & 26 area
 - v. Direct town staff to create master plan for beach paths with goal of ensuring usability of each beach path, including prioritization of work (funding of work to remain TBD)
- b. Discussion with Dominion Energy regarding burial of power lines
- c. Update on:
 - i. Stormwater drain modification @ Jasper / 22.5 intersection
 - ii. Fire Station project
 - iii. FEMA Grant at Station 18 (if new information available)

III. New Matters Presented to Council

- a. None

IV. Matters Pending Further Action

- a. None

V. Recently Resolved

- a. RFP for comprehensive island-wide stormwater system

BUILDING REPORT
June 2020

				Fiscal	Previous
	June 2020	May 2020	June 2019	Year to date	Year to date
TOTAL PERMITS ISSUED	88	62	77	895	641
TOTAL C.O. and C.of C.s ISSUED	3	2	2	17	20
NEW HOME PERMITS	1	0	1	12	6
COST OF CONSTRUCTION	3,681,108	6,796,137	5,201,425	66,739,451	37,622,011
PERMIT FEES COLLECTED	44,472.22	21,347.44	64,702.57	530,276.35	402,217.17
DEMOLITIONS/MOVING	2	1	0	14	1
INSPECTIONS	65	77	55	748	694

**LAND USE AND NATURAL RESOURCES
COUNCIL MEETING**

July 21, 2020

**Chairman Chauncey Clark
Members Pat O'Neil and Kaye Smith**

All matters relating to the Zoning and Building Ordinances and their Implementation, and Natural Resources including Town-owned land.

**Monthly Zoning Report Presented by Mr. Henderson
Monthly Boards and Commission Reports Attached**

I. Matters for Action

1. None

II. Matters for Discussion

1. None.

III. Activity Update

IV. New Matters Presented to Council

V. Matters Pending Further Action by Committee

PLANNING & ZONING REPORT

FOR JUNE 2020

Prepared For: Town Council and Land Use and Natural Resources Committee

Regarding: Board and Commission agenda items and other planning and zoning issues

PLANNING AND ZONING PROJECT UPDATE:

- COVID-19 remote meetings for Boards and Commissions- Zoom online platform currently used to host applicant presentations, staff reports and public input for June.
- Public Facilities Zoning District - PC preliminarily approved the creation of a new zoning district. Town Council considering draft language and rezoning map recommendations for the Planning Commission public hearing (Pending LUNR and Council review).
- Foundation Height and FEMA Base Flood Elevation: PC preliminarily approved potential text adjustments to Section 21-31, 21-59 and 21-60 foundation height regulations for structures, relating to FEMA Flood Insurance Rate Map (FIRM) updates forecasted for 2020 (Pending LUNR and Council review).
- Small Wireless Facilities (5G) Draft Ordinance: PC preliminarily approved establishing an ordinance to regulate the placement of small wireless facilities, and other ancillary equipment, within the public rights-of-way.

DESIGN REVIEW BOARD: JUNE 17, 2020

A. COMMERCIAL DESIGN REVIEWS

1. Sullivan's Restaurant: Luke Jarrett of Synchronicity Design, requests conceptual approval of exterior façade renovations, signage and outdoor patio design modifications for an existing restaurant use at 2019 Middle Street. (PIN# 529-09-00-014)

B. HISTORIC DESIGN REVIEWS

1. 1752 Central Avenue: Heather Wilson, project architect and applicant, requests approval to construct two accessory structures, swimming pool and modify an historic cistern structure on a designated Sullivan's Island Landmark property. (PIN# 523-08-00-041)
2. 413 Station 23: John Romano of Drafted Architecture, requests final approval to construct an accessory structure and swimming pool on a designated Sullivan's Island Landmark property. (PIN# 529-06-00-108)

C. NON-HISTORIC DESIGN REVIEWS

1. 2257 Myrtle Avenue: John Romano of Drafted Architecture, requests conceptual approval to enclose a second story covered porch with modifications requested from the zoning standards for principal building square footage. (PIN# 529-06-00-025)

2. 2714 Brooks Street: Carl McCants of Mc3 Designs, requests approval for modification of the zoning standards for principal building square footage for a new home construction already issued Building Permits at the staff level. (PIN# 529-07-00-047)

PLANNING COMMISSION: JUNE 10, CANCELLED

BZA JUNE 11, 2020 CANCELLED

TREE COMMISSION: JUNE 22, 2020

A. TREE REMOVAL REQUESTS

1. 3115 Middle Street: Applicant and owners, request approval to remove four (4) Category 1 trees: live oak 18”, codominant live oak 24”, pine 19”, pine 20” (81” total diameter at breast height) in accordance with Zoning Ordinance Section 21-162. B. (Application for relocation, or removal and replacement). (PIN# 529-12-00-015)
2. 1414 Middle Street: Applicant and owner, Sascha Rosen, requests approval to remove two (2) Category 1 trees: water oak 21” and water oak 19” (40” total diameter at breast height) in accordance with Zoning Ordinance Section 21-162. B. (Application for relocation, or removal and replacement). (PIN# 523-07-00-047)

**ADMINISTRATION
COUNCIL MEETING
July 21, 2020**

Chairman Sarah Church

Members Greg Hammond and Bachman Smith, IV

All matters relating to oversight of implementation of the following Town administrative functions: personnel; licensing; Town Attorney; court; rules; solicitation for Boards and Commissions; administrative infrastructure; communications and community outreach.

I. Matters for Action by Council

A. Boards and Commissions 2020: Terms for the following seats expire in September 2020. During this year, five terms will expire and one seat is vacant due to resignation.

- Planning Commission: four seats
- Tree Commission: two seats

II. Matters for Discussion by Council

A. Plastic pellet (Nurdle) pollution- discussion of how the Town can best protect the beaches and marshes from plastic pollution

III. New Matters Presented to Council

A. General assessment of staff diversity and police policies and procedures pertaining to matters of race/ethnicity, use of body-cams, general policing for fairness and de-escalation.

IV. Matters Pending Further Action Taken by Council

- A. Personnel Handbook – in progress, to be reviewed by Council upon completion of draft
- B. Codification of Town Ordinances- in progress, to be reviewed by Council upon completion

**WATER AND SEWER AGENDA
COUNCIL MEETING
Committee Chair: Bachman Smith, IV
July 21, 2020**

Committee Members: Bachman Smith, IV, Chauncey Clark and Tim Reese

Committee Charge: All matters relating to the Water and Sewer Department and Systems

- I. Monthly Report from Mr. Gress/B. Smith, IV**
 - a. Project Updates (WWTP and Pump/Lift Stations)

- II. Matters for Approval by W&S Committee:**
 - a. W&S Bill language changes to comply with Codification Review suggestions as to water shut-offs due to unpaid bills (On Hold)

- III. Matters for Discussion by Council:**
 - a. None

- IV. Matters for Action by Council:**
 - a. 2nd reading of easements for the benefit of CPW

- V. New Matters Presented to Council:**
 - a. The next Sullivan's Island W&S Committee meeting will be held on Thursday, July 30, 2020, at 8:45 AM at Sullivan's Island Town Hall (this is a week later than the regularly scheduled time).

Pending Items to be considered in future meetings (some bear mention/status updates):

- a. Wastewater Treatment Plant Retrofit (Construction Phase)
- b. Charleston CPW/ICW Water Main project (easement consideration)
- c. CWS contract revisions
- d. Written Cost Recovery Program
- e. Pump Station flood proofing project (Construction phase)
- f. Water & Sewer Ordinance review/clean-up
- g. ASR: Aquifer Storage and Recovery (explore use of Pre-Disaster Mitigation Grant funds)



Town of Sullivan's Island Water & Sewer Department

Manager Greg Gress
843-883-5748

Monthly Water Report For June 2020

SOURCE WATER, WELLS: No operational problems. DNR came out to sample both deep wells this month.

SOURCE WATER, PURCHASE CAPACITY: Raftelis preliminary demand projections study complete.

FLOW: Distributed 11.705 MG this calendar month, with a daily average flow of .366 MG and a Daily Max of .483 MG

SALES: 11.126 MG billed (*all water*) with a daily average of 0.334 MG. (13.398 MG billed in June last year with a daily average of 0.447 MG).

RED WATER: No operational problems

DISTRIBUTION SYSTEM: No operational problems.

WATER LINE PROJECT: No operational problems.



Town of Sullivan's Island
Water & Sewer Department
 Manager Greg Gress
 843-883-5748



WATER PLANT: No operational problems. Polished fuel in tank for Generator.

WORK ORDERS:

Work Order List

Monday, July 06, 2020

Work Order #	Type	Status	Scheduled Date	Completed Date	1/1 Result
Service Address			Customer Name	Account #	
20-006701	METER CHANGE OUT 3209 MARSHALL BLVD	Completed	03/13/2020 PETER J TEZZA	06/15/2020 00886	COMPLETED
20-006787	IRRIGATION INSTALL 204 STATION 19 ST	Completed	05/11/2020 ST PIERRE	06/05/2020 08727	COMPLETED
20-006789	IRRIGATION QUOTE 3123 MARSHALL BLVD	Completed	05/12/2020 DEAN FELTMANN	06/01/2020 08694	COMPLETED
20-006798	IRRIGATION QUOTE 2902 MIDDLE ST	Completed	05/18/2020 STEVEN BAILEY	06/01/2020 08013	COMPLETED
20-006803	TURN OFF SERVICE 853 MIDDLE ST	Completed	06/01/2020 MATT MILLER	06/01/2020 08580	CANCELLED
20-006813	READ FINAL BILL 1320 THOMPSON AVE	Completed	06/01/2020 GARY COLANGELO	06/01/2020 08775	COMPLETED



Town of Sullivan's Island

Water & Sewer Department

Manager Greg Gress
843-883-5748

20-006815	IRRIGATION QUOTE 1424 THOMPSON AVE	Completed	05/29/2020 STEVEN & MARY GORDON	06/01/2020 08612	COMPLETED
20-006816	READ FINAL BILL 305 STA 22 ST	Completed	06/01/2020 KATIE POOLE	06/01/2020 08750	COMPLETED
20-006817	READ FINAL BILL 2650 I'ON AVE	Completed	06/01/2020 JOHN PRINGLE	06/01/2020 08823	COMPLETED
20-006818	RECONNECT DEMO 924 MIDDLE ST	Completed	06/01/2020 CLIFTON L WILLIAMS	06/01/2020 01275	COMPLETED
20-006819	TURN OFF SERVICE 3204 MARSHALL BLVD	CANCELLED	06/04/2020 ANDRE BAUER	06/01/2020 08753	CANCELLED
20-006820	READ FINAL BILL 2216 MIDDLE	Completed	06/01/2020 GERALD KAYNARD	06/02/2020 02352	COMPLETED
20-006821	READ FINAL BILL 853 MIDDLE ST	Completed	06/01/2020 MATT MILLER	06/02/2020 08580	COMPLETED
20-006822	READ FINAL BILL 2018 CENTRAL AVE	Completed	06/01/2020 LAURIE TOLLISON	06/02/2020 08748	COMPLETED
20-006823	READ FINAL BILL 3204 MARSHALL BLVD	Completed	06/01/2020 ANDRE BAUER	06/02/2020 08753	COMPLETED
20-006824	CHECK FOR LEAKS 2105 PETTIGREW ST	Completed	06/01/2020 WAYNE GUCKENBERGER	06/02/2020 00504	COMPLETED
20-006825	RECONNECT DEMO 1907 I'ON AVE	Completed	06/02/2020 BRANDON & MAURI	06/02/2020 08752	COMPLETED
20-006826	READ FINAL BILL 1710 BLANCHARD ST	Completed	06/04/2020 ROBERT GRAVES	06/04/2020 02256	COMPLETED
20-006828	IRRIGATION INSTALL 2902 MIDDLE ST	Completed	06/04/2020 STEVEN BAILEY	06/16/2020 08013	COMPLETED
20-006829	IRRIGATION INSTALL 3123 MARSHALL BLVD	Completed	06/05/2020 DEAN FELTMANN	06/12/2020 08694	COMPLETED
20-006837	TURN OFF SERVICE 2910 JASPER BLVD	Completed	06/23/2020 R T CABELL	06/19/2020 00064	CANCELLED
20-006839	BACKFLOW TEST 924 MIDDLE ST	Completed		06/19/2020 CLIFTON L WILLIAMS 01275	COMPLETED
20-006840	BACKFLOW TEST 2618 RAVEN DR	Completed		06/19/2020 DANA DURLACH 08663	COMPLETED
20-006841	BACKFLOW TEST	Completed		06/19/2020	COMPLETED



Town of Sullivan's Island

Water & Sewer Department

Manager Greg Gress
843-883-5748

	2728 GOLDBUG AVE		ANTHONY R. GLOTZBACH	02103	
20-006842	BACKFLOW TEST 2824 JASPER BLVD	Completed	KELLY M GREENE	02279	06/19/2020 COMPLETED
20-006843	BACKFLOW TEST 2530 MYRTLE AVE	Completed	CARL HUBBARD	00020	06/19/2020 COMPLETED
20-006844	BACKFLOW TEST 410 PATRIOT ST	Completed	BENJAMIN BOYER	08792	06/19/2020 COMPLETED
20-006845	BACKFLOW TEST 1740 THOMPSON AVE	Completed	BEVERLY JEAN BOHAN	02615	06/19/2020 COMPLETED
20-006846	BACKFLOW TEST 1734 THOMPSON AVE	Completed	DANIELLE STUNZI	08837	06/19/2020 COMPLETED
20-006847	BACKFLOW TEST 1752 CENTRAL AVE	Completed	LOUISE MOORE	08653	06/19/2020 COMPLETED
20-006848	BACKFLOW TEST 1901 THEE ST	Completed	BROOKE GORDON	02678	06/19/2020 COMPLETED
20-006849	BACKFLOW TEST 1738 MIDDLE ST	Completed	DONIVON GLASSBURN	07800	06/19/2020 COMPLETED
20-006850	BACKFLOW TEST 2302 MYRTLE AVE	Completed	JEANNIE MUSSLEWHITE	08796	06/19/2020 COMPLETED
20-006851	READ FINAL BILL 2910 JASPER BLVD	Completed	R T CABELL	00064	06/23/2020 06/23/2020 COMPLETED
20-006852	READ FINAL BILL 2923 BROWNELL AVE	Completed	ROBERT CREWS	08628	06/22/2020 06/22/2020 COMPLETED
20-006853	CHECK FOR LEAKS 1725 ATLANTIC AVE	Completed	WILLIAM K SWAYNE	02552	06/22/2020 06/22/2020 COMPLETED
20-006854	CHECK FOR LEAKS 2918 MIDDLE ST	Completed	MARY E MIRACKY	00964	06/23/2020 06/23/2020 COMPLETED
20-006855	TURN ON SERVICE 1710 BLANCHARD ST	Completed	ROBERT WILSON, III	08849	06/23/2020 06/23/2020 COMPLETED
20-006856	READ FINAL BILL 1765 ATLANTIC AVE	Completed	IOANA & LUCIAN	08594	06/26/2020 06/26/2020 COMPLETED
20-006859	MISCELLANEOUS 1726 MIDDLE ST	Completed	ELIZABETH BOOTH	02788	06/29/2020 06/30/2020 COMPLETED

CHEMICALS: Used 47 gallons of orthophosphate.



Town of Sullivan's Island

Water & Sewer Department

Manager Greg Gress
843-883-5748



OTHER: Tyler Potter first day will be 7/6/20 and we still have one open positions.



Town of Sullivan's Island

Water & Sewer Department

Manager Greg Gress
843-883-5748

Monthly Sewer Report For June 2020

COLLECTION SYSTEM: No operational problems.

SEWER LINE PROJECT: Have not heard back from SCDOT on a proposed meeting date with management to discuss cost sharing a resolution to flooding complaints at Sullivan's. Scheduled conference call 2/28/20 @ 1:30PM. SCDOT could not commit to a cost share. Needs to go higher up the ladder.

LIFT STATIONS: 4 over time call outs for pump station alarms.

Construction progress:

LS#1: Wetwell set. One section of 12" pipe into wetwell installed.

FLOW: Processed 20.309 Million Gallons this month, with a daily average of 0.677 MG and a maximum weekly average of .800 MG. Rainfall total was 8.86 inches.

SALES: 7.207 MG billed this month with a daily average of 0.240 MG. (7.465 MG billed in June last year with a daily average of 0.249 MGD).

HEADWORKS: No operational problems.

OXIDATION DITCH: No change in structure since last report.

WWTF DESIGN & CONSTRUCTION: Construction ongoing. Garney reported one lost time accident. See attached schedule.



Town of Sullivan's Island

Water & Sewer Department

Manager Greg Gress
843-883-5748

New Ox Ditch walls are 90% complete. Floor and columns poured on elevated equipment building.

CLARIFIER: No operational problems.

OUTFALL: No operational problems. Couple high fecal counts this month due to pipe burst in chlorination room.

NPDES PERMIT: No operational problems. Finally received compliance inspection report from SCDHEC. No defects were found.

BIOSOLIDS: 14.3cu yd. dry to landfill. 59,500 gallons liquid sludge hauled to MPW.

CHEMICALS: 502 lbs. of chlorine and 254 lbs. of sulfur dioxide used for the month.

COMPUTER SYSTEMS: No operational problems.

WORK ORDERS:

Work Order List

Monday, July 06, 2020

Work Order #	Type	Status	Scheduled Date	Completed Date	1/1 Result
	Service Address		Customer Name	Account #	
20-006827	POOL FILLING PERMIT 2656 JASPER BLVD	Completed	06/04/2020 MARIE LOWERY	06/09/2020 08047	COMPLETED
20-006833	DEMO INSPECTION 2714 JASPER BLVD	Completed	06/09/2020 BARRY KRELL	06/11/2020 08658	COMPLETED
20-006834	SEWER INSPECTION 1424 THOMPSON AVE	Completed	06/09/2020 STEVEN & MARY GORDON	06/11/2020 08612	COMPLETED
20-006835	DEMO INSPECTION	Completed	06/10/2020	06/10/2020	COMPLETED



Town of Sullivan's Island

Water & Sewer Department

Manager Greg Gress
843-883-5748

	1659 ATLANTIC AVE		2029 WAMBAW CREEK	08839	
20-006836	POOL FILLING PERMIT Completed		06/17/2020	06/25/2020	COMPLETED
	2656 BAYONNE ST		LEE SATTERFIELD	08649	
20-006857	SEWER ADJUSTMENT Completed		06/26/2020	06/30/2020	COMPLETED
	1725 ATLANTIC AVE		WILLIAM K SWAYNE	02552	

OTHER: Tyler Potter first day will be 7/6/20 and we still have one open positions.



Town of Sullivan's Island

Water & Sewer Department

843-883-5748

ggress@sullivansisland-sc.com



July 2, 2020

SCDHEC
BOW / Drinking Water Compliance Monitoring Section
ATTN: Preston Smarr
2600 Bull Street
Columbia, SC 29201

Dear Mr. Smarr,

Enclosed please accept the Bacteriological Analysis report for the monitoring period from June 1, 2020 to June 30, 2020.
Should you have any questions please contact (843) 883-5748.

Respectfully,

A handwritten signature in blue ink, appearing to read "Greg Gress".

Greg Gress
Water & Sewer Manager
Town of Sullivan's Island



Bacteriological Analysis Sample Summary


1. Please fill out the Bacteriological Analysis Individual Samples page if you have a total coliform positive sample and repeat samples to report.

2. Submit this form and the final report from the certified lab that analyzed your samples to SCDHEC no later than ten (10) days after the end of the compliance period.

3. Report results to BacteriologicalRpts@dhec.sc.gov

SC	1	0	1	0	0	0	3	PWSID (7-digit permit #)
Town of Sullivan's Island								PWS NAME
6/20								COMPLIANCE PERIOD (Mon-Year OR Qtr-Year) [i.e.; Aug-2018 or 2nd Q- 2018]
QUARTERLY			MONTHLY	✓				CYCLE (select one)

1.28	CHLORINE RESIDUAL
1 0 0 0 5	LABID (5-digit code for the certified lab analyzing the chlorine residual)
4	TOTAL # OF SAMPLES COLLECTED AND ANALYZED
0	# OF INITIAL ROUTINE TC+ SAMPLES
0	# OF INITIAL ROUTINE EC+ SAMPLES
SM9223B	METHOD CODE FOR TOTAL COLIFORM ANALYSIS
SM9223B	METHOD CODE FOR <i>E. COLI</i> ANALYSIS
1 0 0 0 5	LABID (5-digit code for the certified lab analyzing the samples)

	SIGNATURE
6/1/2020	DATE

The D-1974 form and the final report from the certified lab that analyzed your sample(s) is due to be reported to DHEC on the 10th of each month. After the 10th of the month, your report is late, and a monitoring and reporting violation could be issued. You should report your results to BacteriologicalRpts@dhec.sc.gov.

More than one occurrence of failure to submit your reporting form within a 12-month period could result in Enforcement action and stipulated penalties.

Format your subject line of your email: SC##### Water System Name – Month/Year, which helps identify, track and/or search for the public water system's 7-digit permit number, water system name and month/year you are reporting for compliance. I.E.: Subject line if reporting monthly and reporting August 2018 results would be formatted as: SC1234567 ABC Water System – August 2018; Subject line if reporting quarterly and reporting 3rd quarter 2018 results would be formatted as: SC1234567 ABC Water System –3rd Q 2018

Within 24 hours of learning of a total coliform-positive (TC+) sample result, REPEAT samples must be collected and analyzed for total coliforms:

- One REPEAT sample must be collected from the same tap as the TC+ sample.
- One REPEAT sample must be collected within five service connections upstream of the TC+ sample.
- One REPEAT sample must be collected within five service connections downstream of the TC+ sample.
- If the system is served by Groundwater, then a Triggered Source sample must be collected prior to treatment from each source in use at the time the total coliform-positive sample was collected.

The number of samples taken PER WELL must equal the number of positive TC samples. If you collected three TC+ samples, then three well samples must be taken at EACH WELL that was in service at the time.

The triggered source water sample must be analyzed for the presence of *E. coli*. If any triggered source water sample is *E. coli*-positive, the Groundwater system (GWS) must either take corrective action, as directed by the state, or the GWS must take 5 additional source water samples within 24 hours.

If the GW system Purchases some or all their water, they must notify the wholesale system(s) within 24 hours

If any **REPEAT sample is TC+**

- The system must analyze that total coliform-positive culture for *E. coli*.
- The system must collect another set of REPEAT samples, as before, unless the *E. coli* MCL has been violated or an assessment has been triggered.

For a system on quarterly monitoring, a TC+ result requires a minimum of three ROUTINE samples be collected the following month.

CALL DHEC on the same day you learn of an EC+ result or no later than the end of the next business day if the result(s) were reported from the lab to the water system after business hours.



Town of Sullivan's Island

Water & Sewer Department

843-883-5748

ggress@sullivansisland-sc.com



July 2, 2020

Mr. Preston Smarr
Bureau of Water
S.C.DHEC
2600 Bull Street
Columbia, SC 29201

Dear Mr. Smarr,

Enclosed please accept the Disinfection report for the monitoring period from June 1, 2020 to June 30, 2020.

Should you have any questions please contact me at (843) 883-5748.

Respectfully,

A handwritten signature in blue ink that reads "Greg Gress".

Greg Gress
Water & Sewer Manager
Town of Sullivan's Island



Bureau of Water

Monthly Reporting Form for Disinfection (Chlorine/Chloramine)
in the Distribution System

PWSID (SC1234567)	SC1010003		Reporting Period (MM/YYYY)	06/2020
----------------------	-----------	--	-------------------------------	---------

PWS Name	Town of Sullivan's Island	This form is intended for use by a PWS purchasing surface water.		
----------	---------------------------	--	--	--

Certified Lab #	10005		Certified Lab # for lab conducting HPC analyses:	n/a
-----------------	-------	--	--	-----

	a	b	c	d	e	f
Day	No. of Sites Disinfectant Residual was Measured	No. of Sites Disinfect. Residual NOT Measured, but HPC Measured	No. of Sites where Disinfectant Residual NOT Detected & HPC NOT Measured	No. of Sites where Disinfectant Residual was NOT Detected and HPC > 500/mL	No. of Sites Disinfectant Residual NOT Measured and HPC > 500/mL	Average Disinfectant Residual (mg/L)
1						
2						
3	1					0.12
4						
5						
6						
7						
8						
9						
10	1					1.26
11						
12						
13						
14						
15						
16						
17	1					2.1
18						
19						
20						
21						
22						
23						
24	1					1.65
25						
26						
27						
28						
29						
30						
31						

Total	4	0	0	0	0	
	a	b	c	d	e	f

Compliance with Distribution System Disinfectant Residual Criteria $V = (c + d + e) / (a + b) \times 100 =$ <u>0</u> For Previous Month: $V =$ <u>0</u>	Sum of Average Disinfectant Residual Results (g)	5.13
	# of Days Measured in the Month (h)	4
	Average Residual (g/h)	1.28

Prepared by (Signature/Title/Date): *Steph Jones* Mgr WFS Dept. 7/2/20



Town of Sullivan's Island

Water & Sewer Department

843-883-5748

ggress@sullivanisland-sc.com



July 6, 2020

Ms. Melanie Hall
Compliance Officer
Water Pollution Enforcement Section
2600 Bull Street
Columbia, SC 29201

Dear Ms. Hall,

The discharge monitoring report for the period from June 1, 2020 to June 30, 2020 is enclosed. Should you have any questions, please contact me at (843)-883-5748.

Respectfully,

A handwritten signature in blue ink that reads "Greg Gress".

Greg Gress
Water & Sewer Manager
Town of Sullivan's Island

PERMITTEE NAME/ADDRESS:

NAME: SULLIVAN'S ISLAND TOWN OF
 ADDRESS: P.O. BOX 427
 SULLIVAN'S ISLAND, SC 29482

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

SC0020052
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

MINOR

FACILITY: SULLIVAN'S ISLAND WWTF

MONITORING PERIOD

19 TR

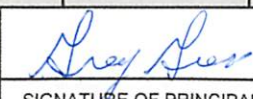
FINAL LIMITS

LOCATION: AT 2051 GULL DRIVE

FROM YEAR | MO | DAY TO YEAR | MO | DAY
 20 | 06 | 01 TO 20 | 06 | 30

DMR VALID: 01/01/2019-12/31/2023

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00300 LAB ID: 10005 Dissolved Oxygen MLOC=1	SAMPLE MEASUREMENT	*****	*****	*****	6.7	*****	*****		0	07/07	GR
	PERMIT REQUIREMENT	*****	*****	*****	4.0 MINIMUM	*****	*****	MG/L		05/07	GR
00310 LAB ID: 10122 BOD - 5 DAY (20 DEGREES C) MLOC=1	SAMPLE MEASUREMENT	11	12		*****	2	2		0	01/07	24
	PERMIT REQUIREMENT	143 MO AVG	215 WKLY AVG	LBS/ DAY	*****	30 MO AVG	45 WKLY AVG	MG/L		01/07	24
00400 LAB ID: 10005 PH Standard Units MLOC=1	SAMPLE MEASUREMENT	*****	*****	*****	6.8	*****	7.6		0	07/07	GR
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	8.5 MAXIMUM	SU		05/07	GR
00530 LAB ID: 10005 Total Suspended Solids (TSS) MLOC=1	SAMPLE MEASUREMENT	18	20		*****	3	4		0	01/07	24
	PERMIT REQUIREMENT	143 MO AVG	215 WKLY AVG	LBS/ DAY	*****	30 MO AVG	45 WKLY AVG	MG/L		01/07	24
00610 LAB ID: 10122 Ammonia-Nitrogen Total as N MLOC=1 YNNNNNNNNYY	SAMPLE MEASUREMENT	NA	NA		*****	NA	NA		NA	NA	NA
	PERMIT REQUIREMENT	16 MO AVG	24 WKLY AVG	LBS/ DAY	*****	3.3 MO AVG	4.95 WKLY AVG	MG/L		01/07	24
00610 LAB ID: 10122 Ammonia-Nitrogen Total as N MLOC=1 NYYYYYYYYYNN	SAMPLE MEASUREMENT	0.5	0.6		*****	0.1	0.1		0	01/07	24
	PERMIT REQUIREMENT	9 MO AVG	14 WKLY AVG	LBS/ DAY	*****	1.8 MO AVG	2.7 WKLY AVG	MG/L		01/07	24
50050 LAB ID: 10005 Flow in Conduit or Thru Treatment Plant MLOC=1	SAMPLE MEASUREMENT	0.67	0.80	MGD	*****	*****	*****	*****	0	01/07	CN
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT WKLY AVG		*****	*****	*****			01/07	CN
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE	
Patrick O'Neil								843-883-3198		20 07 02	
Mayor								Area Code NUMBER		YEAR MO DAY	
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

Permit limits are based on an average design flow of 0.57 MGD. MLOC O, P=See permit conditions. "Conditional Monitoring Not Required" under specific circumstances.

PERMITTEE NAME/ADDRESS:
 NAME: SULLIVAN'S ISLAND TOWN OF
 ADDRESS: P.O. BOX 427
 SULLIVAN'S ISLAND, SC 29482

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

SC0020052
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

MINOR

FACILITY: SULLIVAN'S ISLAND WWTF

MONITORING PERIOD

19 TR

FINAL LIMITS

LOCATION: AT 2051 GULL DRIVE

FROM YEAR | MO | DAY TO YEAR | MO | DAY
 20 | 06 | 01 TO 20 | 06 | 30


DMR VALID: 01/01/2019-12/31/2023

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
50060 LAB ID: 10005 Total Residual Chlorine MLOC=1	SAMPLE MEASUREMENT	0.00	0.00		*****	0.00	0.00		0	07/07	GR
	PERMIT REQUIREMENT	0.17 MO AVG	0.29 DAILY MX	LBS/ DAY	*****	0.035 MO AVG	0.061 DAILY MX	MG/L		01/07	GR
61211 LAB ID: 10122 Enterococci MLOC=O	SAMPLE MEASUREMENT	*****	*****	*****	*****	13	326		0	01/07	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	35 30DAVGEO	501 DAILY MX	MPN/ 100ML		01/07	GR
61211 LAB ID: 10122 Enterococci MLOC=P	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA		NA	NA	NA
	PERMIT REQUIREMENT	*****	*****	*****	*****	35 30DAVGEO	800 DAILY MX	MPN/ 100ML		01/07	GR
74055 LAB ID: 10005 Fecal Coliform General MLOC= 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	17.3	920.0		0	01/07	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MX	# PER 100ML		01/07	GR
81010 LAB ID: 10005 BOD, 5-DAY Percent Removal MLOC=K	SAMPLE MEASUREMENT	*****	*****	*****	*****	98%	*****		0	01/30	CA
	PERMIT REQUIREMENT	*****	*****	*****	*****	85 MO AV MN	*****	PER- CENT		01/30	CA
81011 LAB ID: 10005 Solids, Suspended Percent Removal MLOC=K	SAMPLE MEASUREMENT	*****	*****	*****	*****	96%	*****		0	01/30	CA
	PERMIT REQUIREMENT	*****	*****	*****	*****	85 MO AV MN	*****	PER- CENT		01/30	CA

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER
Patrick O'Neil
Mayor
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

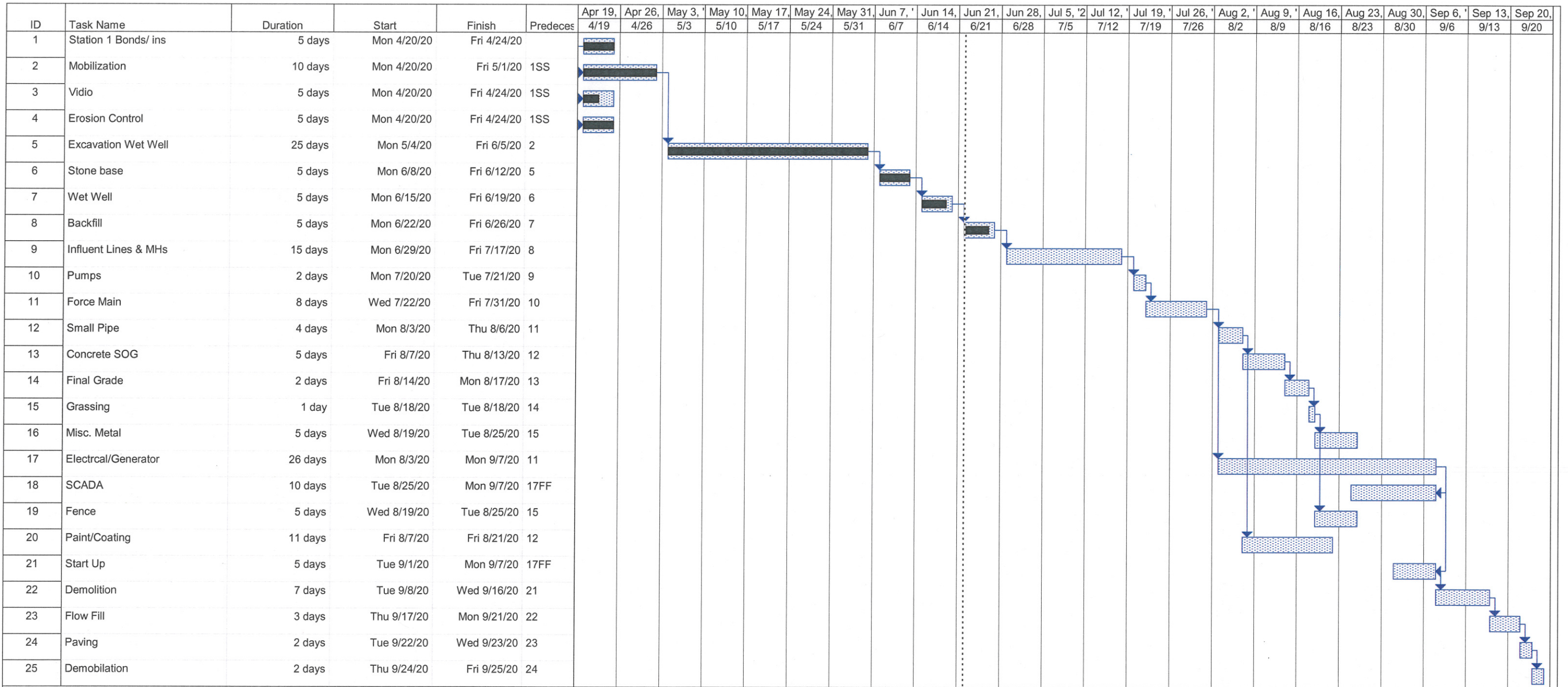

 SIGNATURE OF PRINCIPAL EXECUTIVE
 OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE
 843-883-3198 20 | 07 | 02
 Area Code NUMBER YEAR | MO | DAY











COMMENT AND EXPLANATION OF ANY VIOLATIONS

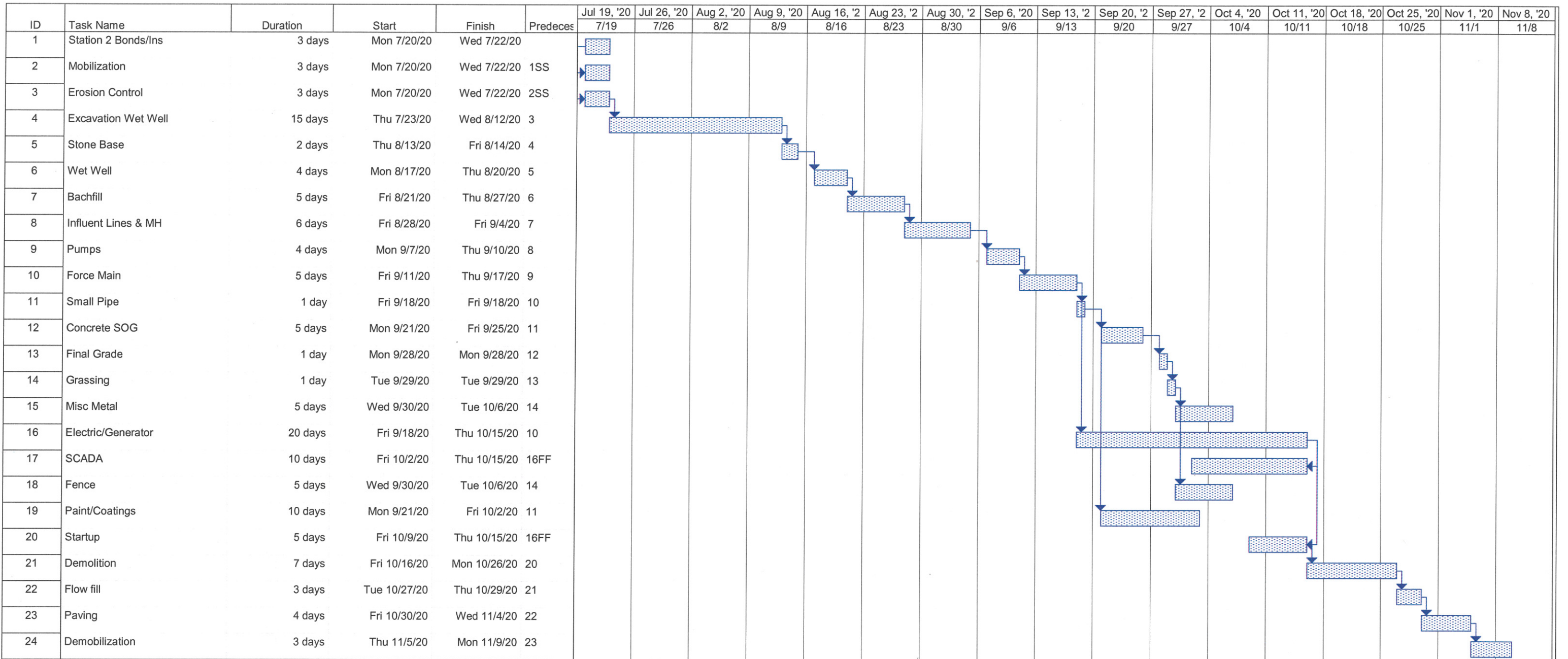
(Reference all attachments here)

6/2/20 Bridge Sample MPN 2 6/10 Leak in water line to cl2 injector. Replaced tubing and fittings. Water pump in so2 shed tripped. No water. Reset. Pump can right back up. Took cl2 samples. No cl2 in any samples. Waited an hour and sampled again. Very little cl2. waited an other hour and sampled again. Cl2 level of 1.7 at injection. Took effluent fecal sample, MPN 920. waited a day and sampled again, MPN 4



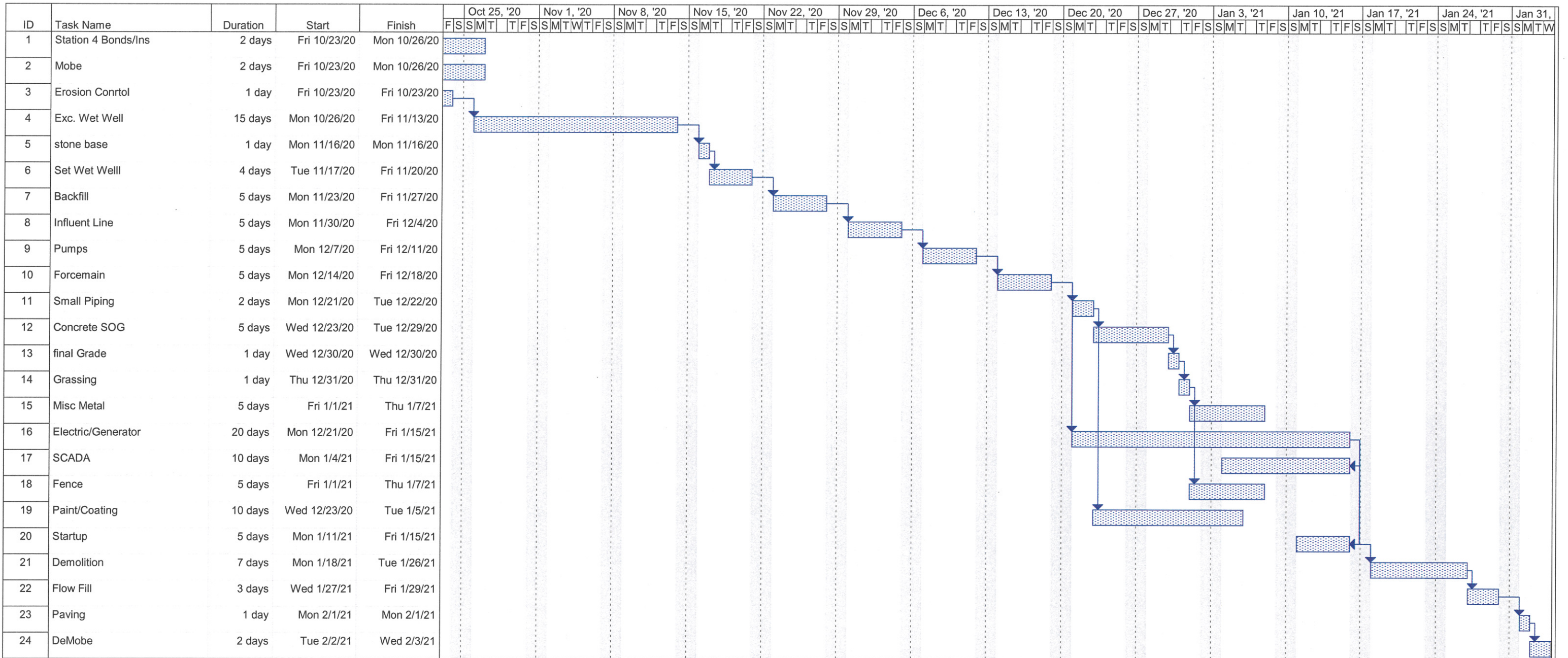
Project: Sullivans Island L S 1
Date: Mon 6/22/20

Task		Milestone		Rolled Up Task		Rolled Up Progress		External Tasks	
Progress		Summary		Rolled Up Milestone		Split		Project Summary	



Project: Sullivans Island L S #2
Date: Tue 6/23/20





Project: Sullivan's Island L S #4
Date: Tue 6/23/20



Quarter	2020Q1
NAME	SULLIVANS ISLAND TOWN OF (1010003)

NAME	SULLIVANS ISLAND TOWN OF (1010003)
------	------------------------------------

Max of CALCULATED_VALUE	Column Labels		
Row Labels	LRAA	OEL	
DBP-20 3222 MIDDLE ST			
TTHM		0.009	0.009
HAA5		0.01	0.009

Average of COMPLIANCE_VALUE	Column Labels				
Row Labels	2019Q3	2019Q4	2020Q1	2020Q2	
DBP-20 3222 MIDDLE ST					
TTHM		0.01105	0.00973	0.00785	0.01213
HAA5		0.0108	0.01019	0.00813	0.0133853

*LRAA is the locational running annual

**The OEL is the Operational Evaluation Level. It is determined at each monitoring location by calculating the sum of the two previous quarters' results plus twice the current quarter's result, then dividing by 4 to determine an average. A water system exceeds the OEL when the monitoring location exceeds 0.080 mg/L for TTHMs or 0.060 mg/L for HAA5.



712 Gum Rock Court · Newport News, VA 23606
 Phone: (757) 873-1534 | Fax: (757) 873-2392
 www.cornwellinc.com | nmctigue@cornwellinc.com

SC SAMPLE LOG

DISTRICT: **R7 - Charleston**
 SYSTEM NUMBER: **SC1010003 DS10-1**
 UTILITY: **SULLIVANS ISLAND TOWN OF**

DATE SAMPLE RECEIVED **04/09/20** TIME **11:09** RVCD BY: **LM**

COLLECT/ PRESS/ DATE	TIME	SAMPLE ID Sample Type	TOTAL CHLORINE	FREE CHLORINE	CEG LAB ID	METHOD #	LAB CODE	HOLDING TIME (days)	MAX. HOLD DATE	DATE EXTRACTED	DATE ANALYZED	ANALYST INITIALS	TIME ANALYZED
HAA													
04/08/2020	12:00	Trip Blank			2200409-19	552.2	HAA	14	04/22/2020	04/16/2020	04/20/2020 LM 0724		
04/08/2020	11:20	DBP-20	1.71		2200409-20	552.2	HAA	14	04/22/2020	04/16/2020	04/19/2020 LM 1358		
THM													
04/08/2020	12:00	Trip Blank			2200409-21	551.1	THM	14	04/22/2020	04/13/2020	04/15/2020 LM 0542		
04/08/2020	11:20	DBP-20	1.71		2200409-22	551.1	THM	14	04/22/2020	04/13/2020	04/14/2020 LM 2103		

Data entry Date 04/28/2020
 Entered By ANJ

Report shall not be reproduced except in full without written approval of the laboratory.
 This signature certifies all data in this report have been reviewed and verified and
 that all results in this report relate only to the items tested.



REPORT OF HAA & THM ANALYSIS

UTILITY NAME	SULLIVANS ISLAND TOWN OF		GRAB COLLECTION DATE	04/08/20	GRAB TIME	12:00	SAMPLED BY		
UTILITY #	SC1010003								
DISTRICT	R7 - Charleston		SAMPLE RECEIPT DATE	04/09/20	RECEIPT TIME	11:09	RECEIVED BY		LM
ADDRESS			Notes:						
PHONE									
FAX									
LOCATION	CEG LAB ID	PARAMETER	METHOD	DATE/ANALYST/TIME	RAW DATA (ug/L)	M.R.L.	RESULT	UNITS	
HAA-5									
Trip Blank	2200409-19	MONOCHLOROACETIC ACID	552.2	04/20/2020 LM 0724	< 2.0	0.002	< 0.002	mg/L	
Trip Blank	2200409-19	DICHLORORACETIC ACID	552.2	04/20/2020 LM 0724	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-19	TRICHLOROACETIC ACID	552.2	04/20/2020 LM 0724	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-19	MONOBROMOACETIC ACID	552.2	04/20/2020 LM 0724	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-19	DIBROMOACETIC ACID	552.2	04/20/2020 LM 0724	< 1.0	0.001	< 0.001	mg/L	
TOTAL HAA-5							0.00000	mg/L	
THM									
Trip Blank	2200409-21	CHLOROFORM	551.1	04/15/2020 LM 0542	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-21	BROMODICHLOROMETHANE	551.1	04/15/2020 LM 0542	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-21	DIBROMOCHLOROMETHANE	551.1	04/15/2020 LM 0542	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-21	BROMOFORM	551.1	04/15/2020 LM 0542	< 1.0	0.001	< 0.001	mg/L	
TOTAL THM-4							0.00000	mg/L	
TOTAL CHLORINE									
Trip Blank		TOTAL CHLORINE					-	mg/L	
Trip Blank	-	FREE CHLORINE	-				-	mg/L	

Surrogate % Recovery		
HAA	2,3-Dibromopropionic acid (2,3-DP)	116
THM	Decafluorobiphenyl (DFBP)	103

ENTRY BY:	ANJ
ENTRY DATE:	04/28/2020



REPORT OF HAA & THM ANALYSIS

UTILITY NAME	SULLIVANS ISLAND TOWN OF	GRAB COLLECTION DATE	04/08/20	GRAB TIME	11:20	SAMPLED BY		
UTILITY #	SC1010003							
DISTRICT	R7 - Charleston	SAMPLE RECEIPT DATE	04/09/20	RECEIPT TIME	11:09	RECEIVED BY		LM
ADDRESS		Notes:						
PHONE								
FAX								
LOCATION	CEG LAB ID	PARAMETER	METHOD	DATE/ANALYST/TIME	RAW DATA (ug/L)	M.R.L.	RESULT	UNITS
HAA-5								
DBP-20	2200409-20	MONOCHLOROACETIC ACID	552.2	04/19/2020 LM 1358	< 2.0	0.002	< 0.002	mg/L
DBP-20	2200409-20	DICHLORORACETIC ACID	552.2	04/19/2020 LM 1358	10.95	0.001	0.01095	mg/L
DBP-20	2200409-20	TRICHLOROACETIC ACID	552.2	04/19/2020 LM 1358	2.43	0.001	0.00243	mg/L
DBP-20	2200409-20	MONOBROMOACETIC ACID	552.2	04/19/2020 LM 1358	< 1.0	0.001	< 0.001	mg/L
DBP-20	2200409-20	DIBROMOACETIC ACID	552.2	04/19/2020 LM 1358	< 1.0	0.001	< 0.001	mg/L
TOTAL HAA-5							0.01339	mg/L
THM								
DBP-20	2200409-22	CHLOROFORM	551.1	04/14/2020 LM 2103	7.15	0.001	0.00715	mg/L
DBP-20	2200409-22	BROMODICHLOROMETHANE	551.1	04/14/2020 LM 2103	3.87	0.001	0.00387	mg/L
DBP-20	2200409-22	DIBROMOCHLOROMETHANE	551.1	04/14/2020 LM 2103	1.11	0.001	0.00111	mg/L
DBP-20	2200409-22	BROMOFORM	551.1	04/14/2020 LM 2103	< 1.0	0.001	< 0.001	mg/L
TOTAL THM-4							0.01213	mg/L
TOTAL CHLORINE								
DBP-20		TOTAL CHLORINE					1.71	mg/L
DBP-20	-	FREE CHLORINE	-				-	mg/L

Surrogate % Recovery		
HAA	2,3-Dibromopropionic acid (2,3-DP)	110
THM	Decafluorobiphenyl (DFBP)	100

ENTRY BY:	ANJ
ENTRY DATE:	04/28/20



712 GUM ROCK CT. NEWPORT NEWS, VA 23606 | (757) 873-1534
 WWW.CORNWELLINC.COM | NMCTIGUE@CORNWELLINC.COM

Q2 | W1 | 1H/T

**CHAIN OF CUSTODY AND DBP ANALYSIS REQUEST
 FOR SC DHEC DRINKING WATER SAMPLES**

Utility Name: **SULLIVANS ISLAND TOWN OF**
 Utility Number: **1010003**
 SC Region: **R7 Charleston**

Sampler Name: Ashley Eposito Sample Date: 4/8/2020
 Phone/Email: 843-953-0184 lesposito@dhc.sc.gov
 Signature: [Signature]

	Sample Location	DBP Site #	Collection Time	# Of Containers	Chlorine (ppm)		LAB USE ONLY - CORNWELL LAB ID	
					Total	Free	HAA (EPA 552.2)	THM (EPA 551.1)
							TB	TB
1	3222 Middle St	DBP-20	1120	4	1.71		220 0409-19	-21
2							-20	-22
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Temperature Preservative (check all that apply): WET ICE GEL PACKS OTHER: _____
 Wet Ice double bagged? / Gel packs frozen for 48hrs? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
1. <u>[Signature]</u>	<u>4/8/2020</u>	<u>1640</u>	<u>OPS</u>		
2.			<u>lm</u>	<u>4.9.20</u>	<u>1109</u>
3.					

LAB USE ONLY	PRESERV.	HAA	ammonium chloride in (2)-60mL amber glass vial/ white cap	A2487	THM	ammonium chloride with phosphate buffer in (2)-60mL clear glass vial/ teal cap	B2360	TRIP BLANK R7 Q2 W1 101003 C3
	ARRIVAL CONDITIONS:							DATA FILE:
WI	(GP)	TEMP:	<u>0.5</u>	°C (IR# <u>10</u>)	<u>2200409-19-22</u>			



6/12/2020

Attn: GREG GRESS
SULLIVANS ISLAND TOWN OF
2051 GULL DR
SULLIVANS ISLAND, SC 29482

RE: PERMIT # SC0020052
SULLIVANS ISLAND WWTF
CHARLESTON COUNTY

Dear GREG GRESS :

Thank you for your assistance provided to the South Carolina Department of Health and Environmental Control (Department) representatives during the **COMPLIANCE EVALUATION INSPECTION (C)** conducted at your facility on **4/8/2019**. Please be advised the Department is aware of the time which has elapsed since this inspection was conducted. This delay was caused by staff shortages and delays in completing the final review. The Department has implemented a plan to avoid any future delays in processing inspection reports.

The review indicates that the permit requirements evaluated during the inspection were being met, resulting in a rating of **Satisfactory**. Therefore, no response is necessary.

If you have any questions regarding this inspection, please contact the inspector Ashley C Auerbach at (843) 953-0185 or AUERBAAC@dhec.sc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Matthew W Miller", is written over a light blue horizontal line.

Matthew W Miller
Water Pollution Compliance Section
Bureau of Water



Compliance Inspection Report
Permit # SC0020052

Permit No.: SC0020052 NPDES No. Associated:
Inspection Type: CEI Date of Inspection: 04/08/2019
Entry Time (Military): 1000 Exit Time (Military): 1130
Permit Effective Date: 01/01/2019 Permit Expiration Date: 12/31/2023

Name and Location of Facility, (include county):

SULLIVANS ISLAND WWTF
SULLIVANS ISLAND, SC, 29482
CHARLESTON COUNTY

Name, Telephone No. of On-Site Representative(s):

Name and Address of Responsible Official/Telephone No.:

GRESS GREG
SULLIVANS ISLAND TOWN OF
2051 Gull Dr
Sullivans Island, SC, 29482
843-883-3198

Areas Evaluated During Inspection

- Permit [x] Self-Monitoring [x] Supplement 1 []
Compliance Schedules [x] Facility Site Review [x] Supplement 2 []
Records/Reports [x] Operation and Maintenance/Effluent/Receiving Waters [x] Supplement 3 [x]
Sampling & Analysis Data/Laboratory [x] Sludge Handling/Disposal (Non-Land App.) [x] Collection System []
Flow Measurement [x] Other: []

Table with 2 columns: Name of Inspector/Reviewer and Date/Region. Rows include Ashley C Auerbach, Region/District: Lowcountry Charleston; Name of Region Reviewer; Date; Name of WPC Reviewer: Matt Miller; Date: 06/03/2020.

Permit Number:SC0020052

Inspection Start Date: 4/8/19

Facility Name:SULLIVANS ISLAND

Facility Physical Address:2051 GULL DRIVE, SULLIVANS ISLAND, SC 29482

Facility Mailing Address:PO BOX 427, SULLIVANS ISLAND, SC 29482

COMPLIANCE EVALUATION INSPECTION

N/A=Not Applicable, N/E= Not Evaluated, (Rec)=Recommended, (Req)=Required.

Permit

Table with 4 columns: ID, Description, Rating, and Status. Rows 1-5 cover General Requirements such as Responsible Official name, Mailing address, Discharge points, Receiving water location, and Permit application timing.

Table with 2 columns: Deficiency, explanation (3000 Characters) and Status. Content: The facility is permitted to discharge under NPDES permit SC0020052. The permit became effective on 01/01/2019 and expires on 12/31/2023.

Compliance Schedule, Administrative Order, or Consent Order (R.61-9 Sec. 122.47)

Table with 3 columns: Question, Rating, and Status. Question: Is the permittee meeting the permit compliance schedule, administrative order, or consent order? Rating: Critical, Status: Yes.

Records and Reports (R.61.9 Sec. 122.41j)

Table with 4 columns: ID, Description, Rating, and Status. Rows 1-11 cover General Requirements for records and reports including inspections, record keeping, operator logs, analytical results, monitoring frequency, and manual availability.

Deficiency, explanation (1200 Characters)
DMR dates and parameters checked: (300 Characters) April 2018, October 2018, February 2019 - DO, pH, TSS, TRC, Fecal Coliform, BOD, NH3, Enterococcus

Sampling and Analysis Data (R.61.9 Sec. 122.41j)

Onsite Laboratory <input type="checkbox"/> Not Applicable <input type="checkbox"/> Not Evaluated (Only if evaluated within the last 6 months)				
CWA Certification #: (10005)	Critical	Sat.	Expiration Date: mm/dd/yyyy (1/4/2020)	Date of last certification inspection: mm/dd/yyyy (10/10/2017)

Onsite Lab			
1	Date, times, location, and individual collecting sample listed?	Minor (Req)	Yes
2	Date, time, analytical methods used, analyst, and analytical result listed?	Minor (Req)	Yes
3	Sampler environment temp for composite samples is correct? (0.5-6°C, no ice in sample)	Major	Yes
4	Sample preservatives are correct? (H2SO4, ice, etc) Bacteria samples must indicate Sodium Thiosulfate for dechlorination.	Major	Yes
5	Program area, sample matrix, and analytical methods are listed and correct?	Major	Yes
6	Date, time, analyst, and analytical result listed?	Minor (Req)	Yes

Outside Laboratory (Records) <input type="checkbox"/> Not Applicable (If facility lab analysis all parameters.)		
Lab Name: (Trident Labs)	CWA Certification Number: (10122)	Parameters Contracted: (BOD, NH3, Enterococcus)

Outside Lab			
1	Are all outside labs certified for all parameters contracted under the CWA?	Critical	Satisfactory
2	Date, times, location, and signature of sampler listed?	Minor (Req)	Yes
3	Sample type (eg. grab), # of containers and type (eg. plastic) listed?	Major	Yes
4	Sampler environment temp for composite samples listed and correct? (0.5-6°C, no ice in sample)	Major	Yes
5	Preservatives listed? (H2SO4, ice, etc) Bacteria samples must indicate Sodium Thiosulfate for dechlorination.	Major	Yes
6	Program area, sample matrix, and analytical methods listed and correct?	Major	Yes
7	Date, time, analyst, and analytical result listed?	Minor (Req)	Yes

Flow Measurement (R.61.9 Sec. 122.41j)

General Requirements			
Facility design flow: () MGD		Average facility flow: () MGD	
Flow meter calibration frequency: (Annually)		Date of last calibration: mm/dd/yyyy (10/29/2018)	
Routine calibration check frequency: (Annually)			
Actual Flow: (0.375) MGD	Recorded Flow: (0.377) MGD	Error: (0) %	Critical
Primary flow measurement equipment located in confined space?			NR Yes

Flow			
1	Proper flow tables are used by facility?	Major	Yes
2	Sharp changes in flow rates are noted?	Minor (Req)	Yes
3	Effluent flow measured after all return lines?	Major	Yes
4	Flow measurement equipment adequate to handle expected ranges of flow?	Major	Yes

Weirs <input type="checkbox"/> Not Applicable			
Type and size of weir: (3 ft rectangular without end contractions)			
Weirs			
1	Weir properly installed and maintained?	Major	Yes
2	Weir is level and weir plate is plumb, top edges sharp and clean?	Minor (Req)	Yes
3	Free access for air below the nappe of the weir?	Minor (Req)	Yes
4	Upstream channel straight for at least 4 times the depth of water level, and free of disturbing influences.	Minor (Req)	Yes
5	Stilling basin sufficient size and clear of debris?	Minor (Req)	Yes
6	Head measurements made at proper location?	Minor (Req)	Yes

Self Monitoring Program (R.61.9 Sec. 122.41j)

General Requirements	
Composite sampler set to pull (750)mls for () every gallons of flow or (60)minutes.	

Self Monitoring			
1	DO, pH, TRC analyses performed within 15 minutes of collection?	Major	Yes
2	Sampling and analyses completed at required frequencies and on day specified in permit?	Minor (Req)	Yes
3	Composite sample method used as defined in permit? (Flow proportional unless the flow varies by 15% or they have Department approval.)	Minor (Req)	No
4	Composite sampler refrigerated or iced and sample environment temp recorded? (0.5-6°C, no ice in sample)	Major	Yes
5	Proper sample preservation techniques used?	Major	Yes
6	Sample collection time consistent with permit? (e.g. 8, 16, or 24 hrs)	Major	Yes
7	Sample containers and holding times conform to 40 CFR 136.3?	Major	Yes
8	Sampler tubing and container clean and intake header located in proper position to collect representative sample?	Minor (Rec)	Yes
9	Fecal/E. Coli samples collected directly into sterilized container and sample incubation started no later than 8 hrs from collection?	Critical	Yes

Deficiency, explanation (1500 Characters)	
3. If the facility samples based on time, Department approval is required.	

Facility Site Review (R.61-67.300)

General Requirements			
1	Standby power or equivalent available and able to power entire plant?	Minor (Req)	Yes
2	Chlorine safety precautions (standing cylinders chained, leak detector with alarm, stored in ventilated area) in place?	Minor (Rec)	Yes
3	Facility marked with weather durable sign w/24 hr emergency phone #?	Minor (Req)	Yes
4	Facility secured with a fenced/locked enclosure?	Minor (Req)	Yes
5	If required, backflow prevention devices installed and inspected? Date: mm/dd/yyyy()	Minor (Rec)	Yes
6	Facility grounds and access road maintained?	Minor (Req)	Yes
7	Sludge dewatering type: (Drying Beds)	Minor (Req)	Satisfactory

Operation and Maintenance (R.61-9.122.41(a))

O&M			
1	All treatment units in service or operational (functional)?	Critical	Yes
a	All backup units capable of being in service or operational (functional)?	Minor (Req)	Yes
2	Routine and preventive maintenance performed on equipment?	Major	Yes
3	Treatment Units:	Major	
a	Screening	Satisfactory	
b	Grinder / Comminutor		
c	Grit Chamber		
d	Primary Sedimentation		
e	Trickling Filters		
f	Rotating Biological Contactor		
g	Aeration - Type: Carousel	Satisfactory	
h	Secondary Sedimentation	Satisfactory	
i	Digester: <input checked="" type="checkbox"/> Aerobic <input type="checkbox"/> Anaerobic	Satisfactory	
j	Pond(s) - Type: ()		
k	Disinfection - Type: (Chlorine) If Chlorine: <input type="checkbox"/> 150 lbs <input checked="" type="checkbox"/> Ton	Satisfactory	
l	Contact chamber		
m	Dechlorination type: (So2) If SO2: <input type="checkbox"/> 150lbs <input checked="" type="checkbox"/> Ton	Satisfactory	
n	Other treatment process: () (If more than one, list and rate below)		
4	Effluent appearance	Critical	Satisfactory
5	Facility receives other waste (e.g. Septic waste)? If yes, list: ()	NR	No

Sludge (Non-Land Application, Treatment Unit Monitoring Wells)			
1	Groundwater monitoring required? If yes: Lab Name: () Lab ID: ()	NR	N/A
2	Groundwater monitoring records available?	Minor (Req)	N/A
3	Sludge dewatering type as permitted: Type: (Drying Beds)	Minor (Req)	Satisfactory
Volume of sludge generated on annual basis: () Choose unit of measure			
Volume of sludge disposed of on an annual basis: (176) Dry Tons			
4	Sludge disposal site(s): (Oakridge Landfill) (check for approval letter or permit approval)	Critical	Satisfactory
If no disposal in past year, approximate date of next disposal: mm/yyyy()			
Contract service used for transport: ()			

Supplement 3

Not Applicable

Not Evaluated (Lab Certification inspection within the last 6 months)

Field Parameters: Complete this section if conducting a Compliance Sampling Inspection or a detailed review of the field parameter equipment and procedures is warranted. **(40 CFR 136)**

pH Instrument make and model: (Fischer Scientific 2039) <input type="checkbox"/> Not Applicable			
pH			
1	Analysis performed placing probe in effluent stream?	Major	No
2	If not performed in effluent stream, 15 minute holding time met?	Major	Yes
3	Meter calibrated each day of use?	Major	Yes
4	Records include: date, time, analyst, temp of buffers and slope (if appl.)?	Major	Yes
5	Fresh buffers used for each calibration? Buffers used: (4, 7, 10)	Major	Yes
6	Buffers bracket the expected pH of samples?	Major	Yes
7	Buffers labeled with date received and opened?	Minor (Req)	Yes
8	Buffers not expired (1 yr after opening if not specified)?	Minor (Req)	Yes
9	Electrode in good repair (Filling solution at proper level, no excess crystallization, bulb in proper solution, etc.)	Major	Yes
10	If equipped w/ATC, device checked against NIST or NIST traceable thermometer.	Major	Yes
11	Continuous pH monitoring required?	NR	No
12	If continuous required, facility is certified for EPA method 150.2?	Major	N/A
13	Continuous monitoring calibration method followed?	Major	N/A

DO Instrument make and model: (YSI 5100) <input type="checkbox"/> Not Applicable			
Dissolved Oxygen			
1	DO measurement performed placing probe in the effluent stream?	NR	No
2	If not performed in effluent stream, 15 minute holding time met and sample collected and transported in a zero headspace container?	Major	Yes
3	Meter calibrated each day of use?	Major	Yes
4	Records include date, time, air temp, initial DO, analyst, membrane and battery, zero altitude adjustment and adjusted DO (if applicable)?	Major	Yes
5	Temperature sensor checked against NIST or NIST traceable thermometer?	Major	Yes
6	Electrode tagged with: date of check, analyst, and adjustment.	Major	Yes
7	Lab corrected altitude or barometric pressure for height above sea level?	Major	N/A
8	Air calibrations conducted in closed chamber with 100% humidity?	Major	Yes
9	Membrane changed regularly (approximately monthly)?	Minor (Req)	Yes
10	Probe membrane is free of air bubbles?	Major	Yes
11	Anode (A) is free of discoloration?	Major	Yes

Deficiency, explanation (1500 Characters)	
NIST 10/29/2018	

Temperature <input type="checkbox"/> N/A			
Temp			
1	Thermometer/sensors checked against NIST or NIST traceable thermometer?	Major	Yes
2	Thermometer/sensors tagged: Date of check, analyst, adjustment?	Major	Yes

Chlorine Instrument make and model: (Hach II) <input type="checkbox"/> N/A			
Chlorine			
1	Vials clean and free of cracks and scratches?	Major	Yes
2	Samples analyzed within 15 minute holding time?	Major	Yes
3	Primary stock solution protected from light, refrigerated and <6 months old?	Major	Yes
4	Volumetric glassware used to make secondary stock and working standards?	Major	Yes
5	Secondary standards refrigerated and made fresh each week?	Major	Yes
6	Working standards made daily?	Major	Yes
7	Instrument calibrated each day it is used?	Major	Yes
8	Records include date, time, true concentration, observed concentration, and analysts' initials?	Major	Yes
9	Standard calibration verification generated with each lot or annually. Standards used: (0.05, 0.50, 1.0)	Major	Yes

Standard Laboratory Practices

Facilities and Equipment			
1	Lab glassware appears to be clean, with no noticeable sheen or build up?	Minor (Rec)	Yes
2	Laboratory is clean and orderly?	Minor (Rec)	Yes
3	Lab can control the facility temperature (between 60-80 degrees for stability of reagents)?	Major	Yes

Quarter	2020Q1
NAME	SULLIVANS ISLAND TOWN OF (1010003)

NAME	SULLIVANS ISLAND TOWN OF (1010003)
------	------------------------------------

Max of CALCULATED_VALUE	Column Labels		
Row Labels	LRAA	OEL	
DBP-20 3222 MIDDLE ST			
TTHM		0.009	0.009
HAA5		0.01	0.009

Average of COMPLIANCE_VALUE	Column Labels				
Row Labels	2019Q3	2019Q4	2020Q1	2020Q2	
DBP-20 3222 MIDDLE ST					
TTHM		0.01105	0.00973	0.00785	0.01213
HAA5		0.0108	0.01019	0.00813	0.0133853

*LRAA is the locational running annual

**The OEL is the Operational Evaluation Level. It is determined at each monitoring location by calculating the sum of the two previous quarters' results plus twice the current quarter's result, then dividing by 4 to determine an average. A water system exceeds the OEL when the monitoring location exceeds 0.080 mg/L for TTHMs or 0.060 mg/L for HAA5.



712 Gum Rock Court · Newport News, VA 23606
 Phone: (757) 873-1534 | Fax: (757) 873-2392
 www.cornwellinc.com | nmctigue@cornwellinc.com

SC SAMPLE LOG

DISTRICT: **R7 - Charleston**
 SYSTEM NUMBER: **SC1010003 DS10-1**
 UTILITY: **SULLIVANS ISLAND TOWN OF**

DATE SAMPLE RECEIVED **04/09/20** TIME **11:09** RVCD BY: **LM**

COLLECT/ PRESS/ DATE	TIME	SAMPLE ID Sample Type	TOTAL CHLORINE	FREE CHLORINE	CEG LAB ID	METHOD #	LAB CODE	HOLDING TIME (days)	MAX. HOLD DATE	DATE EXTRACTED	DATE ANALYZED	ANALYST INITIALS	TIME ANALYZED
HAA													
04/08/2020	12:00	Trip Blank			2200409-19	552.2	HAA	14	04/22/2020	04/16/2020	04/20/2020 LM 0724		
04/08/2020	11:20	DBP-20	1.71		2200409-20	552.2	HAA	14	04/22/2020	04/16/2020	04/19/2020 LM 1358		
THM													
04/08/2020	12:00	Trip Blank			2200409-21	551.1	THM	14	04/22/2020	04/13/2020	04/15/2020 LM 0542		
04/08/2020	11:20	DBP-20	1.71		2200409-22	551.1	THM	14	04/22/2020	04/13/2020	04/14/2020 LM 2103		

Data entry Date 04/28/2020
 Entered By ANJ

Report shall not be reproduced except in full without written approval of the laboratory.
 This signature certifies all data in this report have been reviewed and verified and
 that all results in this report relate only to the items tested.



REPORT OF HAA & THM ANALYSIS

UTILITY NAME	SULLIVANS ISLAND TOWN OF		GRAB COLLECTION DATE	04/08/20	GRAB TIME	12:00	SAMPLED BY		
UTILITY #	SC1010003								
DISTRICT	R7 - Charleston		SAMPLE RECEIPT DATE	04/09/20	RECEIPT TIME	11:09	RECEIVED BY		LM
ADDRESS			Notes:						
PHONE									
FAX									
LOCATION	CEG LAB ID	PARAMETER	METHOD	DATE/ANALYST/TIME	RAW DATA (ug/L)	M.R.L.	RESULT	UNITS	
HAA-5									
Trip Blank	2200409-19	MONOCHLOROACETIC ACID	552.2	04/20/2020 LM 0724	< 2.0	0.002	< 0.002	mg/L	
Trip Blank	2200409-19	DICHLORORACETIC ACID	552.2	04/20/2020 LM 0724	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-19	TRICHLOROACETIC ACID	552.2	04/20/2020 LM 0724	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-19	MONOBROMOACETIC ACID	552.2	04/20/2020 LM 0724	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-19	DIBROMOACETIC ACID	552.2	04/20/2020 LM 0724	< 1.0	0.001	< 0.001	mg/L	
TOTAL HAA-5							0.00000	mg/L	
THM									
Trip Blank	2200409-21	CHLOROFORM	551.1	04/15/2020 LM 0542	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-21	BROMODICHLOROMETHANE	551.1	04/15/2020 LM 0542	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-21	DIBROMOCHLOROMETHANE	551.1	04/15/2020 LM 0542	< 1.0	0.001	< 0.001	mg/L	
Trip Blank	2200409-21	BROMOFORM	551.1	04/15/2020 LM 0542	< 1.0	0.001	< 0.001	mg/L	
TOTAL THM-4							0.00000	mg/L	
TOTAL CHLORINE									
Trip Blank		TOTAL CHLORINE					-	mg/L	
Trip Blank	-	FREE CHLORINE	-				-	mg/L	

Surrogate % Recovery		
HAA	2,3-Dibromopropionic acid (2,3-DP)	116
THM	Decafluorobiphenyl (DFBP)	103

ENTRY BY:	ANJ
ENTRY DATE:	04/28/2020



REPORT OF HAA & THM ANALYSIS

UTILITY NAME	SULLIVANS ISLAND TOWN OF		GRAB COLLECTION DATE	04/08/20	GRAB TIME	11:20	SAMPLED BY		
UTILITY #	SC1010003								
DISTRICT	R7 - Charleston		SAMPLE RECEIPT DATE	04/09/20	RECEIPT TIME	11:09	RECEIVED BY		LM
ADDRESS			Notes:						
PHONE									
FAX									
LOCATION	CEG LAB ID	PARAMETER	METHOD	DATE/ANALYST/TIME	RAW DATA (ug/L)	M.R.L.	RESULT	UNITS	
HAA-5									
DBP-20	2200409-20	MONOCHLOROACETIC ACID	552.2	04/19/2020 LM 1358	< 2.0	0.002	< 0.002	mg/L	
DBP-20	2200409-20	DICHLORORACETIC ACID	552.2	04/19/2020 LM 1358	10.95	0.001	0.01095	mg/L	
DBP-20	2200409-20	TRICHLOROACETIC ACID	552.2	04/19/2020 LM 1358	2.43	0.001	0.00243	mg/L	
DBP-20	2200409-20	MONOBROMOACETIC ACID	552.2	04/19/2020 LM 1358	< 1.0	0.001	< 0.001	mg/L	
DBP-20	2200409-20	DIBROMOACETIC ACID	552.2	04/19/2020 LM 1358	< 1.0	0.001	< 0.001	mg/L	
TOTAL HAA-5							0.01339	mg/L	
THM									
DBP-20	2200409-22	CHLOROFORM	551.1	04/14/2020 LM 2103	7.15	0.001	0.00715	mg/L	
DBP-20	2200409-22	BROMODICHLOROMETHANE	551.1	04/14/2020 LM 2103	3.87	0.001	0.00387	mg/L	
DBP-20	2200409-22	DIBROMOCHLOROMETHANE	551.1	04/14/2020 LM 2103	1.11	0.001	0.00111	mg/L	
DBP-20	2200409-22	BROMOFORM	551.1	04/14/2020 LM 2103	< 1.0	0.001	< 0.001	mg/L	
TOTAL THM-4							0.01213	mg/L	
TOTAL CHLORINE									
DBP-20		TOTAL CHLORINE					1.71	mg/L	
DBP-20	-	FREE CHLORINE	-				-	mg/L	

Surrogate % Recovery		
HAA	2,3-Dibromopropionic acid (2,3-DP)	110
THM	Decafluorobiphenyl (DFBP)	100

ENTRY BY:	ANJ
ENTRY DATE:	04/28/20



712 GUM ROCK CT. NEWPORT NEWS, VA 23606 | (757) 873-1534
 WWW.CORNWELLINC.COM | NMCTIGUE@CORNWELLINC.COM

Q2 | W1 | 1H/T

**CHAIN OF CUSTODY AND DBP ANALYSIS REQUEST
 FOR SC DHEC DRINKING WATER SAMPLES**

Utility Name: **SULLIVANS ISLAND TOWN OF**
 Utility Number: **1010003**
 SC Region: **R7 Charleston**

Sampler Name: Ashley Eposito Sample Date: 4/8/2020
 Phone/Email: 843-953-0184 lesposito@dhc.sc.gov
 Signature: [Signature]

	Sample Location	DBP Site #	Collection Time	# Of Containers	Chlorine (ppm)		LAB USE ONLY - CORNWELL LAB ID	
					Total	Free	HAA (EPA 552.2)	THM (EPA 551.1)
							TB	TB
1	3222 Middle St	DBP-20	1120	4	1.71		220 0409-19	-21
2							-20	-22
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Temperature Preservative (check all that apply): WET ICE GEL PACKS OTHER: _____
 Wet Ice double bagged? / Gel packs frozen for 48hrs? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
1. <u>[Signature]</u>	<u>4/8/2020</u>	<u>1640</u>	<u>OPS</u>		
2.			<u>lm</u>	<u>4.9.20</u>	<u>1109</u>
3.					

LAB USE ONLY	PRESERV.	HAA	ammonium chloride in (2)-60mL amber glass vial/ white cap	A2487	THM	ammonium chloride with phosphate buffer in (2)-60mL clear glass vial/ teal cap	B2360	TRIP BLANK R7 Q2 W1 101003 C3	
	ARRIVAL CONDITIONS:							DATA FILE:	
WI	(GP)	TEMP: <u>0.5</u> °C (IR# <u>10</u>)					<u>2200409-19-22</u>		



Submittal Review Letter

Project Name:	Sullivan's Island WWTP Improvements	
Project Owner:	Town of Sullivan's Island	Date: 6/24/2020
HDR Project:	10105192	HDR File: 01 32 17-07
Contractor:	Garney Construction	Engineer: HDR Engineering, Inc. of the Carolinas
Address:	4510 Rivers Avenue, Suite A North Charleston, SC 29405	Address: 4400 Leeds Avenue, Suite 450 North Charleston, SC 29405-7547
Attention:	Jim Harris	Attention: David Christopher, PE

Reference			Review Status					Distribution		
Submittal Number: 01 32 17-07			A. Furnish as Submitted	B. Furnish as Noted	C. Revise and Resubmit	D. Rejected	E. Receipt Acknowledged / Engineer Review not Required	CONTRACTOR	OWNER	HDR
Date Received: 6/11/2020										
Specification Section: 01 32 17 - CONSTRUCTION PROGRESS SCHEDULE										
Reviewer: Matt Martin										
Item	Manufacturer	Description								
1.	Garney	Schedule Update – June 2020		X				1	1	1

Remarks

See Attached Markup

Page numbers below refer to pages in the PDF submittal file. The comments shown below are those of the original submittal review letter. Comments which have been adequately addressed in the resubmittal are shown in ~~strikethrough~~ text. The remaining comments require further response. If new comments are added in the resubmittal review they are numbered sequentially after each item's original comments and are in *italics*.

1. (p.2) Responses to Garney's clarifications to Engineer:
 1. Noted.
 2. Noted.
2. (general) See comments at end of attached review letter (item **4. Summary and Conclusion**).

This review is for general conformance with design concept only. Any deviation from plans or specifications not clearly noted by the Contractor has not been reviewed. Review by the Engineer shall not serve to relieve the Contractor for the contractual responsibility for any error or deviation from contract requirements.



Very truly yours,

HDR Engineering, Inc. of the Carolinas

cc: See distribution listed above.



June 23, 2020

HDR, Inc.
4400 Leeds Avenue, Suite 450
North Charleston, SC 29405-7547

Attention: David Christopher, PE, ENV SP
Project Engineer

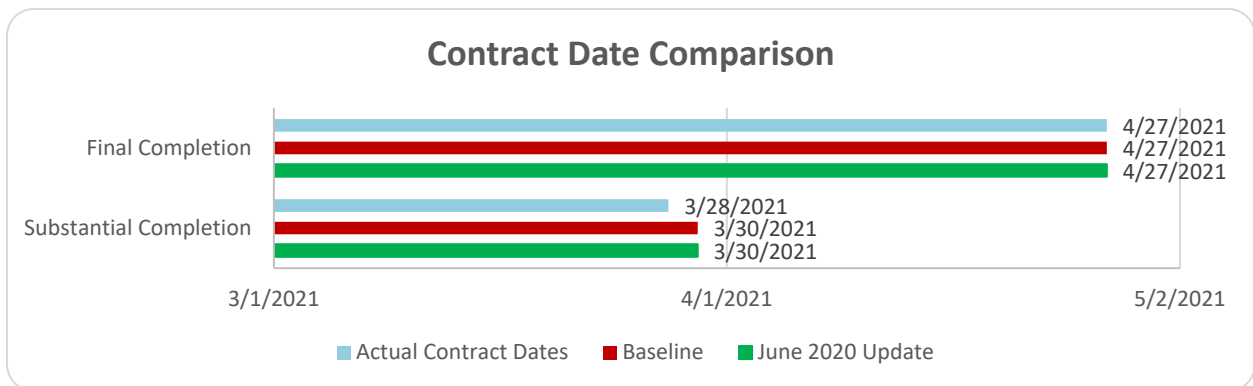
Reference: **Sullivan's Island WWTP Improvements Project**
June 2020 Schedule Update Review

Dear Mr. Christopher,

MBP has completed our review of the above referenced CPM schedule update with a data date of 6/6/2020 submitted by Garney Construction via SharePoint on June 11, 2020. The following report compares dates shown in this June 2020 update against those indicated in the original baseline schedule submission. This comparison is completed on contract dates, significant milestones throughout construction, as well as on future look ahead activities. This and subsequent reviews are not intended to be an exhaustive check of all activities in the CPM schedule, but rather a way to track schedule changes and progress.

1. Contract Dates

The following graph compares contract dates indicated in the June 2020 schedule update against those required in the contract and indicated in the original baseline schedule submission.



According to the Contractor's June 2020 update, the project is currently tracking on schedule for final completion and 2 days behind schedule for substantial completion.

2. Significant Milestones during Construction

The following graph compares significant milestone dates indicated in the June 2020 schedule update against those indicated in the original baseline schedule submission as well as the previous three month's schedule updates. These milestones include the startup of equipment and processes as well as demonstration periods.



As shown above, the June 2020 schedule update indicates the following significant milestones have dates which correspond with those submitted in the original baseline schedule:

- Task ID 001-01-0015: IPS Demonstration Period
Baseline: 2/18/2021 – 3/3/2021
June Update: 2/18/2021 – 3/3/2021
- Task ID 011-43-0020: Startup IPS and Place into Service
Baseline: 2/11/2021 – 2/17/2021
June Update: 2/11/2021 – 2/17/2021

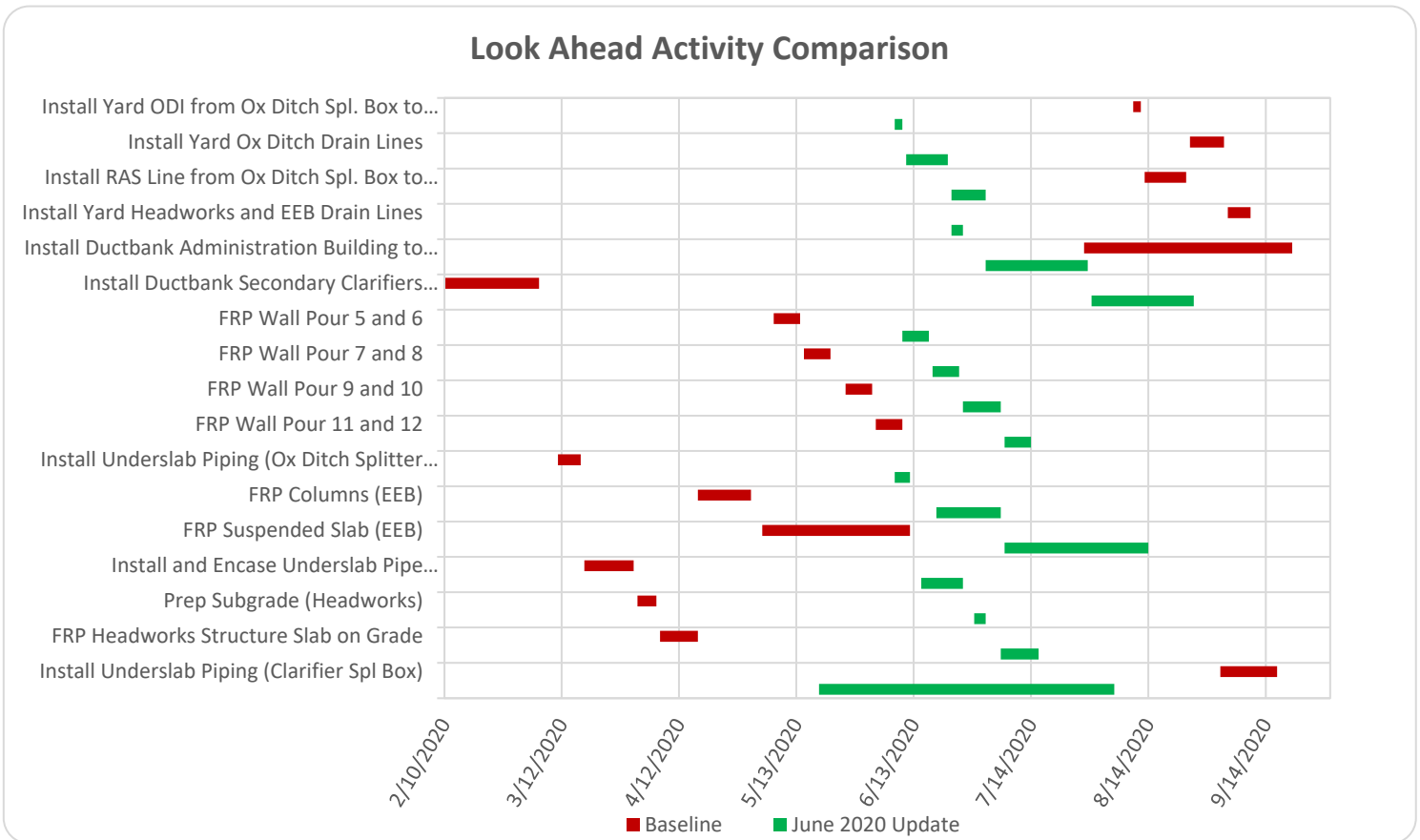
As shown above, the June 2020 schedule update indicates that the following significant milestones have moved back in date from those indicated in the original baseline schedule submission:

- Task ID 001-01-0010: Plant Demonstration Period
Baseline: 12/16/2020 – 1/14/2021
June Update: 1/13/2021 – 2/11/2021
- Task ID 021-46-0020: Startup Ox Ditch 1 and 2 and Place into Service
Baseline: 12/11/2020 – 12/17/2020
June Update: 1/13/2021 - 1/19/2021
- Task ID 016-40-0030: Place Splitter Box into Service (Ox Ditch)
Baseline: 12/11/2020 – 12/11/2020
June Update: 1/13/2021 – 1/13/2021
- Task ID 040-11-0020: Startup Process Equipment and Place in Service (EEB)
Baseline: 12/1/2020 – 12/7/2020
June Update: 12/31/2020 – 1/7/2021
- Task ID 012-46-0020: Startup Headworks and Place into Service
Baseline: 12/1/2020 – 12/7/2020
June Update: 12/3/2020 – 12/9/2020
- Task ID 022-40-0030: Place Splitter Box into Service (Clarifier)
Baseline: 12/15/2020 – 12/15/2020
June Update: 1/12/2021 – 1/12/2021
- Task ID 050-23-0030: Startup HVAC and Obtain CO (Existing Control Building)
Baseline: 2/5/2021 – 2/11/2021
June Update: 2/17/2021 – 2/23/2021

Furthermore, this June 2020 update indicates that Task ID 012-46-0020 and Task ID 050-23-0030 moved up in the schedule since last month, while all other significant milestones remained constant. The leap forward for Task ID 012-46-0020 can be attributed to the resequencing of the work at the oxidation ditch splitter box.

3. Look Ahead Activities

The following graph compares look ahead activity dates indicated in the June 2020 schedule update against those indicated in the original baseline schedule submission. These activities include those that are occurring in the next month or soon thereafter. Generally, the critical activities for this month's update include yard pipe, electrical ductbank install, underslab piping, and oxidation ditch wall pours.



As shown above, all look ahead activity dates have changed from those indicated in the baseline schedule submission. The June 2020 update indicates the dates for these activities have shifted as shown below.

Look Ahead Activity Comparison Table:

Task ID	Task Name	Baseline Finish	June 2020 Update Finish	Δ from Baseline
002-40-0030	*Install Yard ODI from Ox Ditch Spl. Box to Headworks	12-Aug-20	10-Jun-20	-63
002-40-0050	*Install Yard Ox Ditch Drain Lines	3-Sep-20	22-Jun-20	-73
002-40-0040	Install RAS Line from Ox Ditch Spl. Box to Tie in with Existing	24-Aug-20	2-Jul-20	-53
002-40-0110	Install Yard Headworks and EEB Drain Lines	10-Sep-20	26-Jun-20	-76

005-26-0050	Install Ductbank Administration Building to HH32 and Control Building	21-Sep-20	29-Jul-20	-54
005-26-0080	Install Ductbank Secondary Clarifiers Splitter Box to EEB and Secondary Clarifiers Platform	6-Mar-20	26-Aug-20	173
021-03-0070	FRP Wall Pour 5 and 6	14-May-20	17-Jun-20	34
021-03-0080	FRP Wall Pour 7 and 8	22-May-20	25-Jun-20	34
021-03-0090	FRP Wall Pour 9 and 10	2-Jun-20	6-Jul-20	34
021-03-0100	FRP Wall Pour 11 and 12	10-Jun-20	14-Jul-20	34
016-40-0010	*Install Underslab Piping (Ox Ditch Splitter Box)	17-Mar-20	12-Jun-20	87
040-03-0040	FRP Columns (EEB)	1-May-20	6-Jul-20	66
040-03-0050	FRP Suspended Slab (EEB)	12-Jun-20	14-Aug-20	63
012-40-0010	Install and Encase Underslab Pipe (Headworks)	31-Mar-20	26-Jun-20	87
012-31-0030	Prep Subgrade (Headworks)	6-Apr-20	2-Jul-20	87
012-03-0020	FRP Headworks Structure Slab on Grade	17-Apr-20	16-Jul-20	90
022-40-0010	Install Underslab Piping (Clarifier Spl Box)	17-Sep-20	5-Aug-20	-43

*Activities behind schedule (not yet completed or not completed by June 2020 update finish date)

4. Summary and Conclusion

The June 2020 schedule update submitted on June 11, 2020, forecasts substantial completion to occur on March 30, 2021 which is 2 days behind contract requirements. This update also forecasts final completion for April 27, 2021, which matches the contract requirements.

MBP recommends that the Contractor review the activities behind schedule indicated in the Look Ahead Comparison Table in Item #3 above. The late dates for these items should be adjusted/revised in the next update to improve schedule accuracy.

Should you have any questions, or if we may be of further assistance, please do not hesitate to contact me at mmartin@mbpce.com or 757-434-9642.

Sincerely,



Matt Martin, EIT, CCM
Project Manager

Attachments: N/A

CC. Wes Bramlett, PE
Mark Rogge, PE
10105192_SI WWTP Improvements
J20018.001

SUBMITTAL PACKAGE
Schedule Update – June 2020

OWNER

Town of Sullivan’s Island

PROJECT

Sullivan’s Island WWTP Improvements Project

CONTRACTOR

Garney Companies, Inc.

ENGINEER

HDR

MANUFACTURER/SUPPLIER

Garney

SUBMITTAL NO.

013217-07

SPECIFICATION SECTION:

01 32 17

**GARNEY CONSTRUCTION COMPANY
SUBMITTAL REVIEW**

- Furnish as Submitted
- Furnish as Noted
- Correct and Resubmit

SPEC#: 01 32 17

SUBMITTAL #: 013217-07

DATE: 6/11/20

DATE REQUESTED: _____

BY: Carter Blackwell

Approval of this Submittal does not relieve the Supplier from the contractual obligation to provide materials in accordance with the Contract Documents.

Garney’s Approval Stamp

Engineer’s Approval Stamp

SUBMITTAL #013217-07 CLARIFICATIONS & DEVIATIONS

To Engineer:

- This Submittal does not contain any variations from the requirements of the Contract Documents.
- This Submittal does contain variations from the requirements of the Contract Documents. A separate description of said variations and a justification for them is provided in the below clarifications

1. The following is the Contractor's Submittal Certification to indicate that Garney has deemed the submittal contained under this cover ready for HDR's review and approval. Garney where required has to the best of our knowledge and with the information provided and available:
 - a) Reviewed and coordinated this Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents.
 - b) Determined and verified all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto.
 - c) Determined and verified the suitability of all materials offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work.
 - d) Determined and verified all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.

The following submittal clarifications along with specific notations made within the submittal shall serve as written notice of any variations. Garney requests that any oversights, mistakes or issues found during review of the submittal are brought to our attention in an effort to correct either prior to return or in a resubmittal.

1. Updates from the previous submittal:
 - a. Completed all three oxidation ditch slab pours
 - b. Ductbanks have progressed in several areas which don't perfectly line up with the ductbank activities in the schedule.
 - c. 16" ODE completed from oxidation ditch to clarifier splitter box.
 - d. Underslab piping and plumbing for the slab on grade at the elevated equipment building have been completed including the installation of floor drains.
 - e. Rebar for the elevated equipment building grade beams has been completed and the slab rebar is currently being installed.
2. Changes to logic:
 - a. The oxidation ditch splitter box has been moved to begin slab work after the oxidation ditches complete leak testing. This is due to the limited amount of space between the two structures and the backfill required to start the splitter box slab.
 - b. Yard pipe activities have been rearranged to reflect the order they are being installed.
 - c. Ductbank activities have been rearranged to reflect the order they are being installed.
 - d. With work at the oxidation ditch splitter box being pushed back, the headworks and clarifier splitter box activities have moved up to happen following the conclusion of the 6" yard pipe installation.

- e. Oxidation ditch walls are being completed at a faster pace than what was initially put in the schedule. Only walls that have been completed to this point are reflecting their actual completion dates. Future wall pours will maintain the same durations until they are completed.



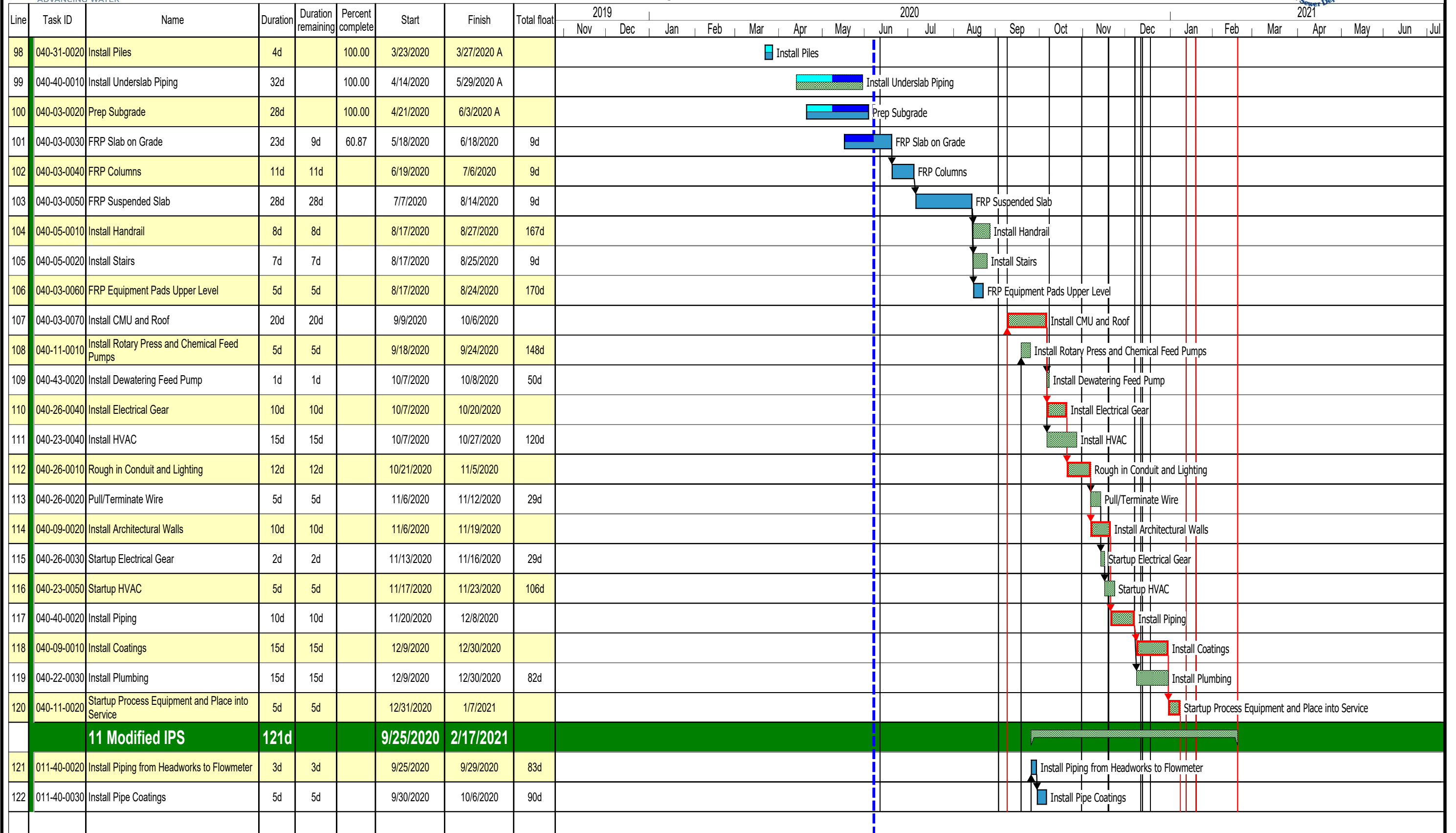
Sullivan's Island WWTP Improvements Project



Line	Task ID	Name	Duration	Duration remaining	Percent complete	Start	Finish	Total float	2019												2020												2021											
									Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul															
									01 General Conditions 457d 47.47 10/28/2019 4/27/2021																																			
1	001-03-0140	Mobilize	51d		100.00	10/28/2019	1/13/2020 A		Mobilize																																			
2	001-01-0060	Obtain building permits	12d		100.00	10/28/2019	11/13/2019 A		Obtain building permits																																			
3	001-01-0080	Recieve Notice to Proceed			100.00	10/28/2019	10/28/2019 A		Recieve Notice to Proceed																																			
4	001-01-0010	Plant Demonstration Period	22d	22d		1/13/2021	2/11/2021	13d	Plant Demonstration Period																																			
5	001-01-0015	IPS Demonstration Period	10d	10d		2/18/2021	3/3/2021	-1d	IPS Demonstration Period																																			
6	001-01-0040	Weather Delays	18d	18d		3/4/2021	3/29/2021	-1d	Weather Delays																																			
7	001-01-0035	Projected Completion				3/4/2021	3/4/2021 *	-1d	Projected Completion																																			
8	001-01-0030	Substantial Completion (3/28/21)				3/30/2021	3/30/2021 *	-1d	Substantial Completion (3/28/21)																																			
9	001-01-0070	Close Out Documentation	20d	20d		3/30/2021	4/26/2021		Close Out Documentation																																			
10	001-01-0020	Final Completion (4/27/21)				4/27/2021	4/27/2021 *		Final Completion (4/27/21)																																			
									02 Site Work and Demolition 377d 64.12 12/9/2019 3/3/2021																																			
11	002-31-0010	Install Silt Fence/Sediment Tube and Inlet Protection	5d		100.00	12/9/2019	12/13/2019 A		Install Silt Fence/Sediment Tube and Inlet Protection																																			
12	002-31-0030	Prep Laydown Yard, Construction Entrance, Concrete Washout Areas	5d		100.00	12/16/2019	12/20/2019 A		Prep Laydown Yard, Construction Entrance, Concrete Washout Areas																																			
13	002-31-0020	Install Temporary Construction Fence	33d		100.00	12/16/2019	1/31/2020 A		Install Temporary Construction Fence																																			
14	002-40-0100	Install PW Line From 4" Service Tap to Hydrant	10d		100.00	1/21/2020	3/6/2020 A		Install PW Line From 4" Service Tap to Hydrant																																			
15	002-33-0030	Demolish Existing Storm Drain from Outfall to EX-SDMH 11	10d		100.00	1/27/2020	3/6/2020 A		Demolish Existing Storm Drain from Outfall to EX-SDMH 11																																			
16	002-40-0020	Relocate Existing WAS Line	10d		100.00	1/28/2020	2/11/2020 A		Relocate Existing WAS Line																																			
17	002-31-0180	Install Site Dewatering	46d	1d	98.77	1/29/2020	6/8/2020	80d	Install Site Dewatering																																			
18	002-31-0070	Strip Top Soil and Rough Grade	36d		100.00	1/31/2020	4/17/2020 A		Strip Top Soil and Rough Grade																																			
19	002-31-0190	Install Test Piles and Perform Testing	7d		100.00	2/26/2020	3/6/2020 A		Install Test Piles and Perform Testing																																			
20	002-01-0040	Demolish Sludge Drying Beds	3d		100.00	2/27/2020	3/6/2020 A		Demolish Sludge Drying Beds																																			
21	002-33-0110	Install 24" Storm Drain and Manholes/Inlets	32d	2d	92.49	3/5/2020	9/11/2020	152d	Install 24" Storm Drain and Manholes/Inlets																																			
22	002-40-0010	Install Yard ODE from Ox Ditch to SC Splitter Box	14d		100.00	5/18/2020	6/5/2020 A		Install Yard ODE from Ox Ditch to SC Splitter Box																																			
23	002-40-0030	Install Yard ODI from Ox Ditch Splitter Box to Headworks	3d	3d		6/8/2020	6/10/2020	49d	Install Yard ODI from Ox Ditch Splitter Box to Headworks																																			
24	002-40-0050	Install Yard Ox Ditch Drain Lines	8d	8d		6/11/2020	6/22/2020	71d	Install Yard Ox Ditch Drain Lines																																			



Sullivan's Island WWTP Improvements Project





Sullivan's Island WWTP Improvements Project



Line	Task ID	Name	Duration	Duration remaining	Percent complete	Start	Finish	Total float	2019												2020												2021											
									Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul															
		32 Modified Chlorine Contact Basins	38d			11/2/2020	12/17/2020																																					
148	032-05-0010	Install New Baffle Walls	3d	3d		11/2/2020	11/5/2020	64d																																				
149	032-40-0010	Install New Chlorine Lines	4d	4d		12/14/2020	12/17/2020	38d																																				
		24 Secondary Clarifiers 1 and 2	16d			10/12/2020	10/30/2020																																					
150	024-31-0010	Install Dewatering at SC 1	4d	4d		10/12/2020	10/16/2020	53d																																				
151	024-40-0010	Install PRVs in Clarifier 1 Walls and New Sludge Pump 1	4d	4d		10/19/2020	10/23/2020	55d																																				
152	024-40-0020	Install New Tee and Plug Valves and Sludge Pump 2	2d	2d		10/26/2020	10/27/2020	55d																																				
153	024-40-0030	Install New Tee and Plug Valves	2d	2d		10/28/2020	10/30/2020	55d																																				
		23 Clarifier Platform	31d			9/3/2020	10/9/2020																																					
154	023-31-0020	Prep Subgrade	5d	5d		9/3/2020	9/10/2020	6d																																				
155	023-03-0030	FRP Slab on Grade	2d	2d		9/11/2020	9/14/2020	5d																																				
156	023-05-0010	Install Metals	4d	4d		9/15/2020	9/18/2020	5d																																				
157	023-26-0010	Rough in Conduit, Panels, and Lighting	10d	10d		9/21/2020	10/2/2020	53d																																				
158	023-26-0020	Pull/Terminate Wire	5d	5d		10/5/2020	10/9/2020	53d																																				
		22 Clarifier Splitter Box	260d		32.38	3/6/2020	1/12/2021																																					
159	022-31-0010	Install Piles	15d		100.00	3/6/2020	3/27/2020 A																																					
160	022-31-0020	Install Dewatering	20d		100.00	5/8/2020	6/5/2020 A																																					
161	022-40-0010	Install Underslab Piping	51d	38d	24.25	5/19/2020	8/5/2020	71d																																				
162	022-31-0030	Prep Subgrade	2d	2d		8/6/2020	8/10/2020	72d																																				
163	022-03-0030	FRP Slab on Grade	2d	2d		8/11/2020	8/13/2020	72d																																				
164	022-03-0040	FRP Walls	14d	14d		8/14/2020	9/3/2020	72d																																				
165	022-05-0010	Install Metals	8d	8d		9/4/2020	9/15/2020	74d																																				
166	022-40-0020	Install Gates	3d	3d		9/16/2020	9/18/2020	74d																																				
167	022-26-0010	Rough in Conduit and Lighting	5d	5d		9/16/2020	9/22/2020	87d																																				
168	022-01-0010	Leak Test Clarifier Splitter Box	20d	20d		9/21/2020	10/16/2020	74d																																				



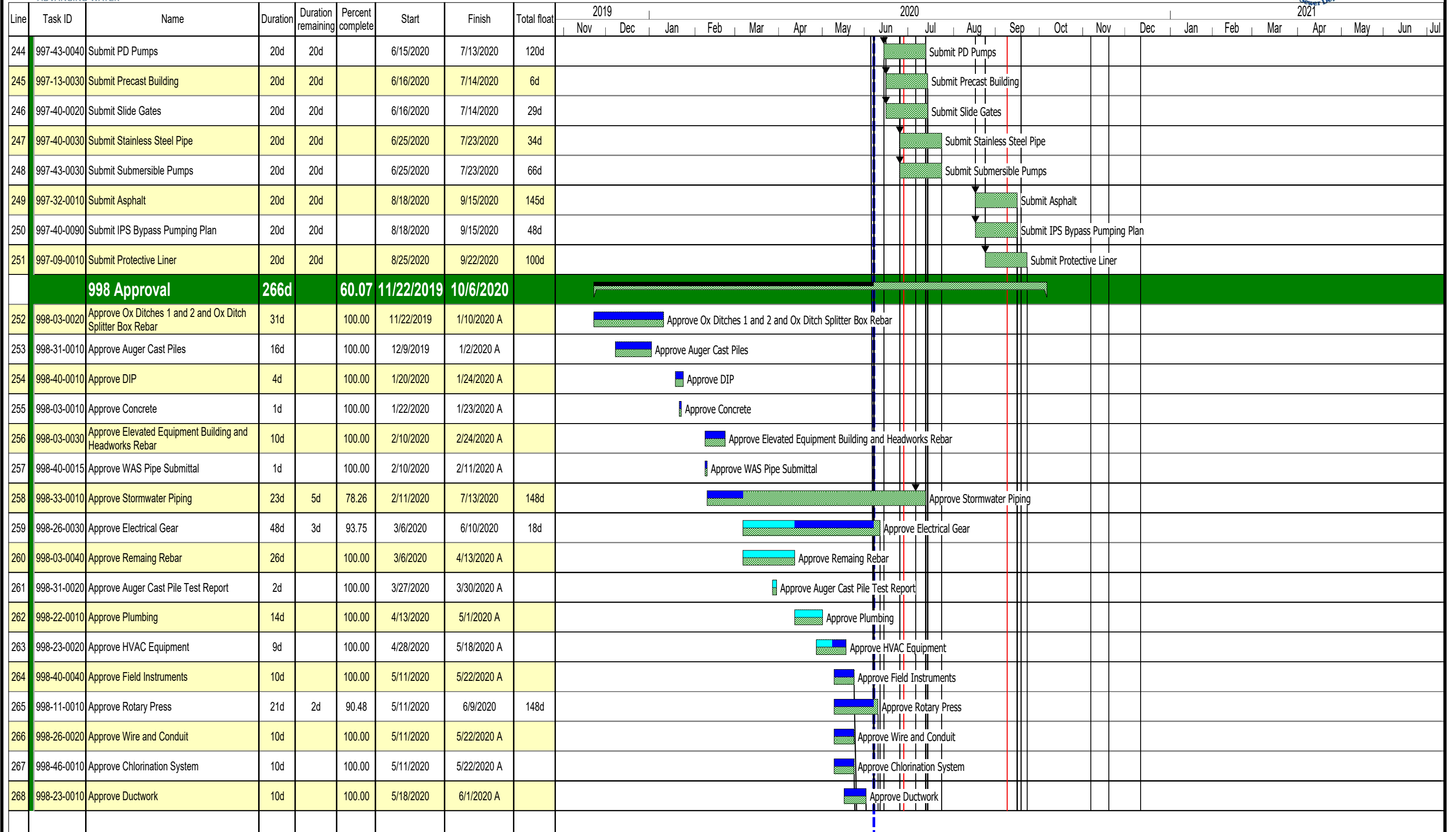
Sullivan's Island WWTP Improvements Project



Line	Task ID	Name	Duration	Duration remaining	Percent complete	Start	Finish	Total float	2019												2020												2021											
									Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul															
		997 Submittals	248d		59.11	12/2/2019	9/22/2020																																					
219	997-31-0010	Submit Auger Cast Piles	6d		100.00	12/2/2019	12/9/2019 A		Submit Auger Cast Piles																																			
220	997-40-0010	Submit DIP	3d		100.00	12/20/2019	12/24/2019 A		Submit DIP																																			
221	997-03-0020	Submit Ox Ditches 1 and 2 and Ox Ditch Splitter Box Rebar	21d		100.00	12/27/2019	1/27/2020 A		Submit Ox Ditches 1 and 2 and Ox Ditch Splitter Box Rebar																																			
222	997-03-0010	Submit Concrete	2d		100.00	1/22/2020	1/23/2020 A		Submit Concrete																																			
223	997-26-0030	Submit Electrical Gear	40d		100.00	1/27/2020	4/13/2020 A		Submit Electrical Gear																																			
224	997-03-0030	Submit Elevated Equipment Building and Headworks Rebar	7d		100.00	1/31/2020	2/10/2020 A		Submit Elevated Equipment Building and Headworks Rebar																																			
225	997-11-0010	Submit Rotary Press	23d		100.00	2/4/2020	3/6/2020 A		Submit Rotary Press																																			
226	997-40-0015	Submit WAS Pipe Submittal	1d		100.00	2/10/2020	2/11/2020 A		Submit WAS Pipe Submittal																																			
227	997-03-0040	Submit Remaining Rebar	20d		100.00	2/11/2020	3/10/2020 A		Submit Remaining Rebar																																			
228	997-23-0010	Submit Ductwork	31d		100.00	3/6/2020	5/15/2020 A		Submit Ductwork																																			
229	997-23-0020	Submit HVAC Equipment	31d		100.00	3/6/2020	4/27/2020 A		Submit HVAC Equipment																																			
230	997-22-0010	Submit Plumbing	31d		100.00	3/6/2020	5/8/2020 A		Submit Plumbing																																			
231	997-26-0020	Submit Wire and Conduit	26d		100.00	3/6/2020	4/13/2020 A		Submit Wire and Conduit																																			
232	997-31-0020	Submit Auger Cast Pile Test Report	2d		100.00	3/27/2020	3/30/2020 A		Submit Auger Cast Pile Test Report																																			
233	997-46-0080	Submit Oxidation Ditch Equipment	13d		100.00	4/24/2020	5/19/2020 A		Submit Oxidation Ditch Equipment																																			
234	997-46-0070	Submit Chlorination System	8d		100.00	4/28/2020	5/8/2020 A		Submit Chlorination System																																			
235	997-40-0040	Submit Field Instruments	7d		100.00	4/29/2020	5/8/2020 A		Submit Field Instruments																																			
236	997-04-0020	Submit Hollow Core	20d		100.00	5/8/2020	6/5/2020 A		Submit Hollow Core																																			
237	997-26-0010	Submit Engine Generator	17d		100.00	5/11/2020	6/3/2020 A		Submit Engine Generator																																			
238	997-46-0050	Submit Static Screens and Presses	14d		100.00	5/18/2020	6/5/2020 A		Submit Static Screens and Presses																																			
239	997-46-0060	Submit Grit Collection System	9d		100.00	5/26/2020	6/5/2020 A		Submit Grit Collection System																																			
240	997-40-0050	Submit HMI	20d	20d		6/8/2020	7/6/2020	15d	Submit HMI																																			
241	997-02-0010	Submit Stormwater Piping	20d	20d		6/8/2020	7/6/2020	148d	Submit Stormwater Piping																																			
242	997-09-0020	Submit Painting	20d	20d		6/15/2020	7/13/2020	150d	Submit Painting																																			
243	997-04-0010	Submit Masonry	10d	10d		6/15/2020	6/26/2020		Submit Masonry																																			



Sullivan's Island WWTP Improvements Project



Installment Purchase Revenue Bond

\$20,000,000.00 Lot sale funds
 \$2,300,000.00

Project	PO Number	Original Project Estimates	Original Estimate Date	Actual Project Bid	Bid Date	Revised Project Quote	Revised Project Quote Date	Project Balance
WWTP		\$ 12,000,000.00	March 22, 2018	\$ 16,341,836.92	October 8, 2019	\$ 16,341,836.92	April 25, 2019	\$ 11,593,993.05
I&I Phase II		\$ 4,500,000.00	March 22, 2018	\$ 5,965,092.00	August 6, 2018	\$ 4,577,244.80	May 14, 2019	\$ 1,277,598.74
Pump Station Floodproofing		\$ 3,500,000.00	March 22, 2018	\$ 3,654,700.00	November 26, 2019	\$ 4,323,808.00		\$ 4,005,479.97
		\$ 20,000,000.00				\$ 25,242,889.72		\$ 16,877,071.76

Request for Payment from Bond Proceeds

Req#	Date Submitted	Amount			
1	09/13/18	\$ 399,041.88		HDR	WWTP Design
2	10/08/18	\$ 28,209.54		HDR	WWTP Design
3	11/26/18	\$ 85,272.12		HDR	WWTP Design
4	12/12/18	\$ 76,572.37		HDR	WWTP Design
5	01/21/19	\$ 75,257.31		HDR	WWTP Design
6	01/23/19	\$ 591,073.35	1&2	Arcadis	I&I Phase II
7	03/12/19	\$ 135,059.68		HDR	WWTP Design
8	03/12/19	\$ 330,325.36		3 Arcadis	I&I Phase II
9	03/22/19	\$ 22,860.44		HDR	WWTP Design
10	04/16/19	\$ 595,681.74		4 Arcadis	I&I Phase II
11	04/16/19	\$ 4,587.92		HDR	WWTP Design
12	04/24/19	\$ 325,431.58		5 Arcadis	I&I Phase II
13	05/22/19	\$ 2,728.25		HDR	WWTP Design
14	05/24/19	\$ 400,643.54		6 Arcadis	I&I Phase II
15	06/12/19	\$ 22,064.58		HDR	WWTP Design
16	07/08/19	\$ 227,160.47		SI Sewer	WWTP Equipment
17	07/08/19	\$ 380,215.94		7 Arcadis	I&I Phase II
18	08/06/19	\$ 3,321.82		HDR	WWTP Design
19	08/07/19	\$ 287,922.81		8 Arcadis	I&I Phase II
20	10/01/19	\$ 158,443.16		9 Arcadis	I&I Phase II
21	11/12/19	\$ 15,941.77		HDR	WWTP Design/Bid
22	12/18/19	\$ 9,618.19		HDR	WWTP Design/Bid
23	12/18/2019	\$ 48,929.78		10 Arcadis	I&I Phase II
24	1/17/2020	\$ 23,137.25		WK Dickson	LS Floofproofing
25	1/23/2020	\$ 75,466.25		WK Dickson	LS Floofproofing
26	1/23/2020	\$ 9,644.05		HDR	WWTP Design/Bid
27	2/6/2020	\$ 49,692.93		HDR	WWTP Design/Bid
28	2/17/2020	\$ 3,759.90		WK Dickson	LS Floofproofing
29	3/16/2020	\$ 6,092.13		WK Dickson	LS Floofproofing
30	3/24/2020	\$ 17,868.49		HDR	WWTP Design/Bid
31	4/27/2020	\$ 11,715.82		WK Dickson	LS Floofproofing
32	5/8/2020	\$ 14,472.40		WK Dickson	LS Floofproofing
33	5/15/2020	\$ 15,372.40		WK Dickson	LS Floofproofing
34	5/16/2020	\$ 40,623.30		HDR	WWTP Design/Bid
35	5/20/2020	\$ 1,837,604.13		1 Garney	WWTP Constuction
36	5/22/2020	\$ 56,163.02		HDR	WWTP Design/Bid
37	5/29/2020	\$ 798,264.00		2 Garney	WWTP Constuction
38	6/11/2020	\$ 44,806.71		HDR	WWTP Design/Bid
39	6/30/2020	\$ 1,880.05		WK Dickson	LS Floofproofing
40	7/2/2020	\$ 893,310.30		3 Garney	WWTP Constuction
41					
42					
	Total	\$ 8,126,236.73			
as of	6/11/2020	\$ 1,099,334.37		HDR	WWTP Design

WWTP Project

	Lot sale funds remaining			Project Fund Balance	
	\$20,000,000.00	\$2,300,000.00	\$22,300,000.00		\$11,593,993.05
Contractor Name	PO Number	Original PO Amount	Invoice#	Invoice Amount	PO Balance
HDR FEMA Application					
HDR answer FEMA RFI				\$1.00	
HDR Phase I not paid by FEMA					
HDR Design	1800991	\$ 1,549,916.00	1200130634	\$ 227,317.99	\$1,322,598.01
			1200138372	\$ 171,723.89	\$1,150,874.12
			1200143748	\$ 28,209.54	\$1,122,664.58
Add add scope items	Adendum #1 signed \$39,943		1200148311	\$ 23,113.78	\$1,099,550.80
			1200143748	\$ 23,209.54	\$1,076,341.26
	Adendum #2 signed \$96,000		1200152827	\$ 62,158.34	\$1,014,182.92
			1200158683	\$ 76,572.37	\$937,610.55
			1200164710	\$ 75,257.31	\$862,353.24
			1200172354	\$ 135,059.68	\$727,293.56
			1200177879	\$ 22,860.44	\$704,433.12
			1200183591	\$ 4,587.92	\$699,845.20
	Adendum #3 signed \$20,354		1200188938	\$ 2,728.25	\$697,116.95
			1200194447	\$ 22,064.58	\$675,052.37
			1200201946	\$ 3,321.82	\$671,730.55
			1200207761	\$ 4,527.61	\$667,202.94
			1200215790	\$ 9,680.45	\$657,522.49
	Adendum #4 signed \$205,611		1200219631	\$ 2,485.85	\$655,036.64
			1200226285	\$ 15,941.77	\$639,094.87
			1200231974	\$ 9,618.19	\$629,476.68
			1200238496	\$ 9,644.05	\$619,832.63
			1200244952	\$ 49,692.93	\$570,139.70
			1200255105	\$ 17,868.49	\$552,271.21
			1200261909	\$ 56,163.02	\$496,108.19
			1200274836	\$ 44,806.71	\$451,301.48
Bundy McDonald					
	1/19/2018		10269	\$ 800.00	
	3/21/2018		10290	\$ 4,255.00	
	5/11/2018		10349	\$ 1,925.00	
	7/27/2018		10388	\$ 150.00	
Construction Garney		\$ 14,379,000.00	1	\$ 1,837,604.13	\$12,541,395.87
			2	\$ 798,264.00	\$11,743,131.87
			3	\$ 893,310.30	\$10,849,821.57
			4		
			5		
			6		
			7		
			8		
			9		
			10		
			11		
			12		
			13		
			14		
			15		
			16		
			17		
			18		
Pole Barn (to be done outside this contract)		\$ 300,000.00			
2 New Clarifier Drives (pre purchased outside this contract)	1801631	\$ 47,818.30	8475247	\$ 47,818.30	
2 New Chlorine Contact Basin Mixers (pre purchased outside this contract)	1801535	\$ 8,698.00	123212	\$ 8,698.00	
Service crane for F350 (for pulling new inf pumps for service)	1802189	\$ 17,200.00	20064238	\$ 18,576.00	
New sludge and blower panels (MR Systems installed 3/29/19)	1802038	\$ 37,828.62	8777-SG	\$ 37,828.62	
Total Costs outside of Contract		\$ 412,920.92			
	Total	\$16,341,836.92		\$4,747,843.87	

I&I Phase II Project

		Lot sale funds remaining	Project Fund Balance		
	\$20,000,000.00	\$2,300,000.00			\$1,277,598.74
Contractor Name	PO Number	Original PO Amount	Invoice#	Invoice Amount	PO Balance
Arcadis		\$ 5,965,092.00	1	\$ 276,416.75	\$4,150,479.25
			2	\$ 314,656.40	\$3,835,822.85
			3	\$ 330,325.36	\$3,505,497.49
			4	\$ 595,681.74	\$2,909,815.75
			5	\$ 325,431.58	\$2,584,384.17
		\$ 4,426,896.00	6	\$ 400,643.54	\$2,183,740.63
			7	\$ 380,215.94	\$1,803,524.69
			8	\$ 287,922.81	\$1,515,601.88
			9	\$ 158,443.16	\$1,357,158.72
			10	\$ 48,929.78	\$1,308,228.94
			11	\$ 58,325.66	\$1,249,903.28
Bundy Arcadis				\$ 245.00	
Mahoney Sign	1802027	\$ 348.80			
Dun Right MH Rehab	1801890	\$ 75,000.00	3718	\$ 52,704.68	\$22,295.32
					\$0.00
Bionomics MH Rehab	1801889	\$ 75,000.00	31869	\$ 69,703.66	\$5,296.34
XPR's ???		\$ -			
In House CIPPR		\$ -			
		\$ 4,577,244.80		\$ 3,299,646.06	

PUBLIC SAFETY COUNCIL MEETING

July 21, 2020

Chairman Tim Reese

Members Chauncey Clark and Pat O'Neil

All matters relating to the Police and Fire Departments, and other matters regarding emergency preparedness.

Monthly Report by Police and Fire Chiefs

I. Matters for Action

- a. None

II. Matters for Discussion by Council

- a. Commercial District Split Zoned Lots (Commercial Side) Zoning for General Parking Use
- b. Zoning Ordinance modifications to allow additional curb cut on private property lots
- c. Dog license fees for non-resident property owners

III. New Matters Presented to Council

IV. Matters Pending Further Action by Council

- a. Commercial District Parking and traffic flow
- b. Sullivan's Island Elementary School parking lot and loop area utilization for beach parking and beach access

Type of Incident	Total Incidents
Structure Fire	6
Alarm Malfunction	4
Unintentional Alarm	
Emergency Medical	20
Water Rescue	5
Citizen Assist	4
Hazardous Condition	
Automobile Fire	
Trash, Rubbish, or Grass Fire	
Smoke Scare	
Other Misc.	4
Total Responses	43

Beach Calls
4
Contacts
11

Incidents Where Aid was Given	
Mutual Aid	
Automatic Aid	4

Fire Department Activities:

Fire Department performed prefire plan updates

Tours given to adults and children.

Training:

Volunteer drill



Town of Sullivan's Island

Police Department

June 2020 Incident Synopsis



06/01/2020- Vehicle Accident. Station 26 Kayak Launch. Officers were dispatched to the Station 26 landing in reference to a vehicle accident. Upon arrival, officers observed an LSV cart and three male subjects who stated they had witnessed the accident. The male subjects stated that they observed a female subject driving the LSV with the passengers being two young children. The female driver of the LSV went off the roadway and into the woods of the Kayak Launch. The male subjects went to check on the female subject and observed her to be stumbling. The male subjects stated she then called someone on the phone and moments later a male subject arrived in a vehicle to pick her up and the children. The male subjects then called 9-1-1. The LSV was towed from the scene.

06/04/2020- Disturbance. 3100 Block of Ion Avenue. Officers received a call in regards to a verbal disturbance. Upon arrival, officers met with the complainant. The complainant stated that while sitting on the porch with the lights off, that she heard a young female's voice state "I am going to retaliate against her, she's the reason my parents got divorced." The complainant was unable to identify the subjects as they had fled on bicycles.

06/06/2020- Deceased Person. 2500 Block of Jasper Boulevard. Officers were dispatched to a residence in regards to a subject that was unresponsive. Upon arrival, First Responders attempted to revive the subject. A short time later, the Coroner was summoned to the scene.

06/07/2020- Petty Larceny. 2700 Block of Bayonne Avenue. Officer responded to a call in regards to a theft of a lighting system from the end of a residential driveway during the day. The light was secured into the ground with electric wires connected and the suspect(s) pulled the light from the ground and pulled the electric wires loose. PENDING INVESTIGATION.

06/06/2020- Disorderly Conduct. 2800 Block of Middle Street. Officers were dispatched a residence in regards to a noise complaint. The officers arrived into the area and could hear music being played from a house. Officers made contact with the homeowner, who stated that the music was "measured." The subject appeared to be intoxicated and was verbally combative to the Officers. The subject was advised to turn the music down and that if the music was loud again then a citation would be issued. As the officers were warning the subject, the subject continued to argue and became louder and boisterous towards the officers and began to use profane language. The officers cleared the scene and approximately fifteen minutes later were advised by Dispatch that a complainant from the residence was requesting for a supervisor. Upon arrival, officers met with the same subject who then refused to speak to the Officers. The officers then began to leave the residence. While doing so, the subject began to speak loudly using profane language and arguing. The subject was warned about the volume that it could be heard from the street. Ultimately, the subject was placed under arrest for 'Disorderly Conduct' and was booked and lodged at the AI Cannon Detention Center.

06/07/2020- Trespass of Real Property. 1800 Block of Thee Street. While Officers were patrolling the area, a vehicle was observed to be parked in the driveway of a house that was known to the officers to

be unoccupied at that time. The officers made contact with a male subject in the vehicle who was asleep in the passenger side of the vehicle. The subject stated that he did the landscaping at the residence and he knew the property owners. Due to the officers prior contact with the homeowner and that no one was to be on the property; the subject was given a warning for sleeping in the vehicle and was cited for 'Trespassing' and was given a future court date. The subject then left the scene.

06/12/2020- Towed Vehicle. Station 26.5 Street and Jasper Boulevard. A vehicle that was tagged for violation of the dead storage ordinance / abandonment exceeded the 48-hour notice. The vehicle was parked there for approximately three months, grass and shrubs had grown around the vehicle. Due the vehicle still being there after the notice was issued, the Officer then towed the vehicle and cleared the scene.

Welfare Check. 3222 Middle Street. The officer was on patrol and observed a female subject in a vehicle in the parking lot of the establishment. The officer observed a towel stuffed into the muffler while making contact with the female subject. The officer then determined that EMS needed to be summoned who then transported the subject for further evaluation.

06/18/2020- 2900 Block of Marshall Boulevard. Officers responded to the area in regards to the complainant reporting that a subject that was issued a permanent restraining order the day prior against was in the area of the complainant's residence. Officers patrolled the area with negative contact.

06/20/2020- Hit and Run Unattended Motor Vehicle. 2213 Middle Street. Officers were dispatched to a restaurant parking lot in regards to a female subject operating a truck had struck a parked vehicle and then fled the scene. While fleeing the scene, the same subject operating the truck had struck a wooden fence and then fled again. A witness provided a small description of the driver but no vehicle tag was reported. INVESTIGATION PENDING.

Domestic Violence 3rd Degree. Station 26.5 Street and Jasper Boulevard. Officers were dispatched to the location in reference to a disturbance occurring in a vehicle. Upon arrival, Officers met with the Complainant who advised the Officers that a female could be heard screaming "get off of me" repeatedly. While patrolling the area for the vehicle, an Officer was flagged down by a male subject. The male subject stated that his wife was walking in front of him who met with female subject / victim who seemed to be in a frantic state saying she jumped out of a car running away from her boyfriend. A BOLO was put out for the suspect's vehicle and was located on the Isle of Palms. The victim was treated on scene for minor injuries. The male subject was taken into custody by Sullivan's Island PD and was booked and lodged on the following charge; Domestic Violence 3rd Degree and was given a future court date.

06/23/2020- Traffic Stop. Station 26 Street and Jasper Boulevard. An officer was running radar in the area and observed a vehicle travelling towards Station 26 Street at a high rate of speed. The officer then conducted a traffic stop on the aforementioned vehicle. During the traffic stop, the Officer discovered the license plate to be suspended due to an insurance violation. The officer then seized the license plate to be turned into the SCDMV. The driver was cited and summoned for 'Operating an Uninsured Motor Vehicle' and 'Speeding.' The vehicle was then towed and cleared the scene.

06/26/2020- Theft of Bicycle. Station 18 Beach Access. The complainant contacted the Sullivan's Island Police Department in reference to a theft of her daughter's bicycle. The Officer met with the

Complainant at their residence and retrieved identifying information on the bicycle, the complainant did not have the serial number for the bicycle.

Dead Storage Violation. Station 25 Street and Middle Street. An officer located a vehicle in the area that had been in the same location for over two weeks. The officer observed the rear passenger tire to be flat. The Officer then tagged the vehicle for removal. After the forty-eight-hour notice had expired the Officer then towed the vehicle per Town Ordinance; Dead Storage.

06/28/2020- Deceased Subject. Station 28 Beach. Officers were dispatched to the beach of Station 28 in reference to a deceased person. Upon arrival, officers observed two subjects on the sand bar waving their hands. The Fire Department and EMS were dispatched to assist in transporting the subject to land. The subject was identified.

SLED	Inhouse Code / Description	Last Year	This Year
ALCOHOL CRIMES			
90D	90D DRIVING UNDER THE INFLUENCE		
90E	90E DRUNKENNESS		
90G	90G LIQUOR LAW VIOLATIONS	1	
Total for Category:		1	0
ARSON/SUSPICIOUS FIRE			
200	200 ARSON		
978	978 SUSPICIOUS FIRE		
Total for Category:		0	0
ASSAULTS			
100	100 KIDNAPING / ABDUCTION		
11A	11A RAPE - FORCIBLE		
11B	11B SODOMY - FORCIBLE		
11C	11C SEXUAL ASSAULT WITH AN OBJECT		
11D	11D FONDLING - FORCIBLE		
13A	13A ASSAULT - AGGRAVATED		
13A	CDA CDV - AGG ASSAULT		
13B	13B ASSAULT - SIMPLE		
13B	CDV CDV - SIMPLE ASSAULT		1
13C	13C ASSAULT - INTIMIDATION		
36A	36A INCEST		
36B	36B RAPE - STATUTORY		
36C	36C INDECENT EXPOSURE (SEXUAL NATURE)		
753	753 TELEPHONE CALLS - OBSCENE, HARASSING		
Total for Category:		0	1
DRUG CRIMES			
35A	35A DRUG / NARCOTIC VIOLATIONS	2	
35B	35B DRUG EQUIPMENT VIOLATIONS	2	
Total for Category:		4	0
HOMICIDE CRIMES			
09A	09A MANSLAUGHTER		
09B	09B NEGLIGENT MANSLAUGHTER		
09C	09C JUSTIFIABLE HOMICIDE		
Total for Category:		0	0
INFORMATION ONLY REPORTS - NRP			
NRP	90T ALL TRAFFIC EXCEPT DUI & FAILURE TO STOP	6	3
NRP	NRP INCIDENT NOT REPORTED	21	12
Total for Category:		27	15
LARCENY CRIMES			
120	120 ROBBERY		
210	210 EXTORTION / BLACKMAIL		
220	220 BURGLARY / BREAKING & ENTERING		
23A	23A POCKET-PICKING		
23B	23B PURSE-SNATCHING		
23C	23C SHOPLIFTING	1	
23D	23D THEFT FROM BUILDING		
23E	23E THEFT FROM COIN OPERATED MACHINE		
23F	23F THEFT FROM MOTOR VEHICLE	3	

SLED	Inhouse Code / Description	Last Year	This Year
LARCENY CRIMES			
23G	23G THEFT OF MOTOR VEHICLE PARTS OR ACCESSORIES		
23H	23H LARCENY - ALL OTHER	3	2
240	240 MOTOR VEHICLE THEFT	3	
250	250 COUNTERFEITING / FORGERY		
26A	26A FRAUD / CONFIDENCE GAME / BREACH OF TRUST		
26B	26B TELLER MACHINE FRAUD		
26C	26C IMPERSONATION		
26D	26D WELFARE FRAUD		
26E	26E WIRE FRAUD		
270	270 EMBEZZLEMENT		
280	280 STOLEN PROPERTY OFFENSES		
756	756 USING MOTOR VEHICLE WITHOUT CONSENT		
90A	90A BAD CHECKS		
Total for Category:		10	2

OTHER CRIMES			
26F	26F IDENTITY THEFT	2	
26G	26G HACKING COMPUTER INVASION		
370	370 PORNOGRAPHY / OBSCENE MATERIAL		
520	520 WEAPON LAW VIOLATIONS		
64A	64A HUMAN TRAFFICKING / COMMERCIAL SEX ACTS		
64B	64B HUMAN TRAFFICKING / INVOLUNTARY SERVITUDE		
720	720 ANIMAL CRUELTY		
90B	90B CURFEW / LOITERING / VAGRANCY VIOLATIONS		
90C	90C DISORDERLY CONDUCT		
90F	90F FAMILY OFFENSES, NONVIOLENT		
90H	90H PEEPING TOM		
90I	90I RUNAWAY		
90J	90J TRESPASS OF REAL PROPERTY		1
90K	90K INCORRIGIBLE		
90L	90L TRUANCY		
90N	90N RESISTING ARREST		
90P	90P CONTRIBUTING TO DELINQUENCY OF A MINOR		
90Z	90Z ALL OTHER OFFENSES	2	1
979	979 MISSING PERSONS	1	
980	980 SUICIDES		
992	992 PROWLER		
Total for Category:		5	2

OTHER MONEY CRIMES			
39A	39A BETTING / WAGERING		
39B	39B ASSISTING GAMBLING		
39C	39C GAMBLING EQUIPMENT VIOLATIONS		
39D	39D SPORTS TAMPERING		
510	510 BRIBERY		
Total for Category:		0	0

PROSTITUTION			
40A	40A PROSTITUTION		
40B	40B ASSISTING OR PROMOTING PROSTITUTION		
40C	40C PURCHASING PROSTITUTION		
Total for Category:		0	0

SLED Inhouse Code / Description			Last Year	This Year	
VANDALISM/DAMAGE					
290	290	VANDALISM OF PROPERTY			
			Total for Category:	0	0
			Total for Reporting Period:	47	20

**RECREATION
COUNCIL MEETING
July 21, 2020**

**Chairwoman Kaye Smith
Members Greg Hammond and Bachman Smith, IV**

All matters relating to the creation, expansion or improvement of facilities and programs in the area of parks and recreation; and community wellness programs.

I. Matters for Action by Council

A. None

II. Matters for Discussion by Council

A. None

III. Matters Pending Further Action by Council

IV. Matters Recently Resolved by Council