

Environmental Advisory Committee

4:00 p.m., Thursday, March 13, 2025 Council Chambers 1207 Palm Boulevard, Isle of Palms, SC 29451

Agenda

- Call to order and acknowledgment that the press and the public have been duly notified of the meeting in accordance with the Freedom of Information Act
- 2. Citizen's Comments- Blair Amon
- 3. Approval of previous meeting's minutes February 13, 2025
- 4. Presentations
- 5. Old Business
 - i. Wildlife- update on interpretive sign effort
 - ii. Litter
 - a discussion of lighting ordinance
 - b update on beach litter pick up program
 - iii. Water Quality
 - a update on water quality testing program
 - b update on City engaging Federal lobbyist
 - iv. Climate Action
 - a update on Sea Level Rise Adaptation Plan
 - b discussion of sand placement at Breach Inlet
- 6. New Business
 - i. Discussion of using tree fund money to treat trees on the island that need nutrients, trimming
 - ii. Discussion of Glyphosate pesticide ban
 - iii. Update- Community Enhancement Task Force recommendations
 - iv. Discussion of Kiawah Good Neighbor policy
- 7. Miscellaneous Business

Next meeting date: 4:00 p.m., Thursday, April 10, 2025

8. Adjournment



ENVIRONMENTAL ADVISORY COMMITTEE

4:00pm, Thursday, February 13, 2025 1207 Palm Boulevard, Isle of Palms, SC

and broadcasted live on YouTube: https://www.youtube.com/user/cityofisleofpalms

MINUTES

1. Call to order

Present: Laura Lovins, Lucia Spiotta, Mary Pringle, Eric Cicora, Cindy Marrs,

Sean Popson

Absent: Dane Buckout, Todd Murphy, Council Member Miars

Staff Present: Director Kerr, Zoning Administrator Simms

- 2. Citizen's Comments -- none
- 3. Approval of previous meeting's minutes

MOTION: Ms. Popson made a motion to approve the minutes of the January 9, 2025 meeting, and Ms. Marrs seconded the motion. The motion passed unanimously.

4. Presentations – Susan Hill Smith, regarding public dock interpretive signs

Susan Smith's presentation is attached to these minutes.

Ms. Smith said she presented this to the Public Services & Facilities Committee on Tuesday. She said she would like to use the surrounding walkway to affix some of the signs. Ms. Popson expressed concern that the signs will deteriorate over time. Ms. Smith will seek the advice of DNR about weather-worthy signage.

Director Kerr suggested firming up the pricing for the signs and their installation as well as a layout of sign locations. Ms. Smith will speak to potential sponsoring agencies for funding, and should there still be a need for additional funding, she will bring the request to City Council. Ms. Smith and Ms. Lovins will work on the signage, layout, and potential funding sources.

5. Old Business

A. Wildlife

Ms. Pringle reported that the native plant garden has been cut back. She transplanted some plants from her yard to the garden. Another gourd rack has been installed. Ms. Pringle reported there have been over 500 sightings of purple martins so far as close as Awendaw.

Ms. Pringle submitted an article to the Island Eye about the rehabilitation of a recently found cold-stunned green turtle.

B. Litter

Ms. Smith's report on fireworks alternatives is attached to these minutes. Discussion ensued as to how the City's current fireworks vendor could alter their show to something that could have less environmental impact including shortening the length of the show and selecting fireworks that produce less trash. Committee members also discussed the ways in which nesting areas on the beach could be better protected during the holiday. Director Kerr will speak with the fireworks vendor and tell him to eliminate "cake barrages" from the show and get a time estimate for the show. Further discussion will take place at the next meeting.

Ms. Smith's annual report on the IOP Cleanup Crew is attached to these minutes.

Zoning Administrator Simms said that he has reviewed information on Folly Beach's lighting ordinances and will have more to report next month.

Ms. Lovins said she would like to discuss the hybrid plan for beach litter cleanup on the March agenda. Director Kerr said Asst. Director Asero is meeting with contractors and getting pricing.

C. Water Quality

Director Kerr said that Zoning Administrator Simms spoke with GEL who said they are unable to interpret the water quality data based on regulatory agency benchmarks and concerns. He will continue to work on finding a way to interpret the data for future use.

Director Kerr said the selection for a Federal-level lobbyist has been narrowed to two firms, both of which will make presentations to the Administration Committee in March. He expects they will begin their work in July at the start of the new budget year.

D. Climate Action

Director Kerr shared that the USACE anticipates sand being pumped onto the Isle of Palms in the next few weeks. The process is expected to take about 6 months, which will be in the midst of turtle nesting season. Ms. Pringle asked about a meeting that was to take place with the City, the Turtle Team, and DNR about protecting the turtles during this time. Director Kerr said he would look into it.

The Sea Level Rise Adaptation Plan will be presented to City Council at their March 11 workshop.

6. **New Business**

Discussion of forthcoming Community Enrichment Task Force recommendations

Director Kerr briefly explained the work of the Community Enrichment Task Force that recently culminated in a series of goals and recommendations in four areas: Environmental, Public Safety, Quality of Life, and Seasonal Impacts: Parking & Traffic. He believes that all of the environmentally-related recommendations will come to this committee for further discussion and

possible implementation. Once the link to the recommendations becomes available, Director Kerr will send it to Committee members.

7. **Miscellaneous Business**

8. Adjournment

The next meeting of the Environmental Advisory Committee is scheduled for Thursday, March 13, 2025 at 4pm.

Ms. Popson made a motion to adjourn, and Ms. Marrs seconded the motion. The meeting was adjourned at 5:22pm.

Respectfully submitted,

Nicole DeNeane City Clerk **Fireworks Update** - Feb 13, 2025 EAC Meeting Presented by Susan Hill Smith, Isle of Palms Cleanup Crew Cofounder

Bottom Line on How We Can Reduce Environmental Impact

Other available alternatives to July 4th fireworks shows don't seem viable at this time:

- **Drone shows** in windy coastal environments currently appear to pose a greater risk for injuries and cancellations than firework shows see further details from Folly Beach on page 2. Plus, drone shows are currently more expensive than fireworks when looking at costs for shows of the same length.
- **Laser shows** evidently require a backdrop for the display than the ocean & empty sky cannot easily provide.
- No-debris fireworks are much more expensive and apparently don't have the same range for viewing. They are typically used when people need to be close to the show displays (cruises & stadium events). Even though they burn up more completely, no-debris fireworks involve more plastic materials than the fireworks shells used by the City of Isle of Palms' fireworks contractor, Munnerlyn Pyrotechnics, according owner Brent Munnerlyn.

But there appears to be an easy opportunity that could significantly reduce the plastic debris and some smoke caused by the show on Isle of Palms, starting this summer.

- In addition to fireworks shells, the IOP's July 4th show include "cake barrages" rapid fire sequences of smaller fireworks typically seen at lower levels.
- Most of the plastic debris and lower-level smoke generated from the IOP show comes from including a lot of cake barrages, according to Munnerlyn, who says IOP's former fire chief liked and requested them.
- Cake barrages are fun but not essential to a good show, and it's not unusual for a coastal community to go without them. Munnerlyn told me he agrees with removing them for environmental reasons and as a result of our discussion plans to remove them from other coastal shows that his company does.
- Other than cake barrages, Munnerlyn says the fireworks shells that his company uses are almost all biodegradable, with the exception of the "quick match" a roughly 2-foot-long fuse that ignites the shell. For safety reasons, he said, that needs to be plastic, but most of the quick match burns up, so it generates only a small amount of debris.

There are other concerns related to fireworks that this does not address:

- Impact of noise and light on wildlife & pets
- Residue of fireworks/explosives left in the air, ocean and beach
- Cost of show \$40,000 + staff overtime

- Stretching staff on what is already the busiest beach day/week of the year
- Late-night traffic gridlock, event management & public safety issues

However, removing fireworks without some kind of replacement could be a difficult/ divisive conversation for the community and is at risk of being shot down by City Council.

The only other alternative that I can think of would be in staging a July 4th event - maybe at the Rec - geared toward residents. This could be during the daytime & tied to the longstanding golf cart parade - or a small-scale fireworks display at night with no-debris fireworks (if that's even possible in that space). But making either of those switches would come with challenges, planning demands, etc. and might not be embraced by the community.

Also, a likely valid line of thinking is that by providing a professional fireworks display, less people are likely to set off fireworks on their own, which is illegal on the island but happens anyway, impacting neighbors and creating safety issues.

Details from the Folly Beach drone show

- I spoke directly with Kelly Travers, Folly Association of Businesses (FAB) event coordinator & the point person for the attempted New Year's Eve drone show.
- With their Town Council approval, FAB organizes and pays for Folly's fireworks shows on July 4th & Dec. 31.
- On behalf of FAB, Travers researched alternatives to fireworks, including laser shows, which she ruled out because it lacks the needed backdrop for projection.
- She got quotes from three drone companies and chose the middle quote.
- She invested time in assisting the selected company on the 15 slide designs most of which had local meaning, for example, Morris Island Lighthouse.
- They did a "beautiful" test run of the drone show on Dec. 30 with no concerns.
- The next day, however, high winds were forecasted. While the contractor was certified to do shows in winds up to 30mph and the CEO told Travers they should be safe, she expanded the area restricted from viewing out of an abundance of caution.
- While not the same company, the Folly event came on the heels of an Orlando, Florida incident earlier in the month in which a boy required heart surgery after a drone injured him during a holiday show.
- Early reports say the winds on the ground were 18mph, but Travers suspects the wind sheer at the top of the display was much stronger. She noticed that the top of the lighthouse display was missing and said a few of the drones did fall.
- The show stopped early on when one of the viewers reported being brushed by a drone and had scrapes on his cheek. The drones used by the company were a little larger than a hand.

- The FAA is still investigating. FAB has not received a refund for the show.
- As a result of Folly's experience, Travers would not currently advise paying for a drone show in a coastal environment that's susceptible to high winds. She also noted that it can be hard to get insurance for drone shows. FAB will likely discuss the issue at its March meeting.

Isle of Palms Cleanup Crew Annual Report



Looking back at 2024

IOP Cleanup Crew Snapshot

IOP Cleanup Crew uses volunteer power to keep the coast clean, protect natural ecosystems and public health, document litter data, and help solve the pollution crisis. Since 2018, thousands of volunteers have joined the crew to collect more than 225,000 litter items, while documenting the data in the <u>Litter Journal</u>, established by South Carolina Aquarium, which also assists us at our events. **Note:** We plan to create an official board and become an 501c3 nonprofit by spring of 2025.

Our Welcome Committee

Cofounder/leader Susan Hill Smith, Howard Hogue (Beach Santa), Rebecca Stephenson, Colleen Lehrke, Paula Richnafsky (South Carolina Federal Credit Union community representative), Linda Rowe (conservation programs manager for South Carolina Aquarium), and Beth Timon (aquarium volunteer).

Event Schedule

We have established a year-long rhythm of regular litter sweeps. Frequency correlates to increased beach traffic and warmer weather, which influences the amount of litter.

- October through February second Monday of the month, 4:30-5:30 pm
- March to end of May spring litter sweep series every other Monday, with a 5:30 pm special welcome that's good for students and other new volunteers, with a litter sweep until 7 pm.
- Memorial Day week Wednesday to Labor Day 2 litter sweeps a week: Mondays from 6-7 pm and our Wednesday Breakfast Club from 7-8 am
- In 2024, we partnered again with IOP Police on a July 5th morning litter sweep for three litter sweeps that holiday week.
- We occasionally support other groups, businesses and orgs with off-schedule litter sweeps.



Our Volunteers & Supporters

We involve volunteers from IOP & throughout the Lowcountry, as well as out-of-town visitors.

Our average attendance at our special spring series of sweeps was 90. That includes our April 22 Earth Day litter sweep, one of our highest ever attended events with 125+ volunteers, including City of IOP employees. In summer, our weekly Monday night litter sweeps have an average attendance of 37, and Wednesday morning Breakfast Club average was 12.

The City of Isle of Palms supports the "citizen scientists" of IOP Cleanup Crew by covering costs of T-shirts & magnets, which allow volunteers free City parking during events. Palmetto Pride and the aquarium have helped with supplies. IOP restaurants - Windjammer, Coconut Joe's, Lawrence's, Smugglers, The Boathouse, Acme, Sea Biscuit & Cafe Paname - offer discounts to volunteers after litter sweeps.

Special 2024 Litter Sweeps

- We held a "pop-up" Saturday litter sweep after mild impact from Hurricane Helene. With the OK of City staff, we intentionally targeted debris related to the severe erosion and destruction of docks, etc. at the southwest end of the island.
- In October 2024, we went on location for the first time to support Sullivan's Island Elementary School's PTA & Kaleidoscope with an after-school litter sweep with guests from North Charleston Elementary, which put together this excellent video.







Building up awareness through news coverage & social media

- We typically have at least 3-4 visits a year by TV news in addition to articles in the Moultrie News, Island Eye and now Island Vibe, but in 2024, saw a big bump in media attention.
- We worked with South Carolina Aquarium in April to stage a well publicized recognition event for Howard Hogue (Beach Santa) as he documented his millionth item in the Litter Journal. While he is a valuable member of the IOP Cleanup Crew Welcome Team, he does regular litter sweeps on IOP and across the Lowcountry on his own, and is far and away the biggest Litter Journal contributor.
- o Howard received <u>1A centerpiece coverage in The Post and Courier</u> and added <u>kudos from the P&C's editorial board</u>. All local TV news outlets have highlighted his achievements.
- o A related <u>Post and Courier opinion column</u> by Cofounder Susan Hill Smith focused on the power of data collection.
- In spring, an interview by Live 5 TV anchor Raphael James with Susan highlighted styrofoam litter created by cheap boogie boards.

- We secured extra attention from local TV news outlets <u>like this Channel 4 segment</u> around the post-Fourth of July litter sweep that we typically do with Isle of Palms Police Department helping to draw attention to the "dirtiest beach day of the year."
- We are thankful to be featured on the City's website and see our Facebook posts shared occasionally in the City's social media.

Continuing efforts around cheap boogie boards





• In early 2024, Susan and IOP Environmental Advisory Board Chairwoman Sandy Brotherton successfully lobbied the IOP Harris Teeter to stop selling a common kind of cheap boogie boards that break apart easily with the potential to unleash hundreds to thousands of styrofoam beads into the environment.

- More recently, Susan has connected with the director of Isle of Palms County Park. She
 is talking to the all the county beach parks about eliminating this class of boards from the
 options they sell to park-goers.
- We are targeting a distinguishable kind of board fabric cover on top, plastic mesh on bottom crumbly old-school styrofoam inside. All boogie boards contain some kind of foam, but these low-quality boards appear to pose the most threat.
- Susan plans to reach out directly to wholesale distributors of beachgear, starting with one in Myrtle Beach that supplies stores throughout the Southeast, to see if they will eliminate the cheap boards from their offerings.
- We will also try to promote opportunities on IOP to rent boogie boards that are built to last.

Analysis of 2024 IOP Litter Data

Isle of Palms Cleanup Crew uses the South Carolina Aquarium's Litter Journal (an online platform available to the public) to itemize and document the litter we collect, as do other individuals and groups. A large percentage of our data – and the Litter Journal data for IOP – comes from the Front Beach area, which along with the adjacent area for Charleston County Park attracts the most IOP visitors.

Litter Journal Totals & Trends for IOP

Smoking litter continues to decrease on streetscape

The percentage of recorded beach litter tied to smoking declined from 34% in IOP Cleanup Crew's first year (2018) to 21% in 2021 & 2022. This correlates with increased conversation/awareness around cigarette litter and IOP enacting a ban on smoking at the



beach at the start of 2020.

• From 2022 to 2023, the percentage of litter tied to smoking dropped again on the beach (21 to 16%) and on the streetscape, including parking lots (44 to 39%). This correlates

with the City installing more cigarette receptacles, including Surfrider's eye-catching "Save Your Butt" canisters, with Environmental Advisory Committee support.

- During 2024, the City made more concerted efforts to empty canisters, and the percentage of litter tied to smoking on the streetscape, where smoking is still legal, dropped 5 points to 34%.
- While the percentage of beach litter tied to smoking stayed constant YOY at 16%, we anticipate a further drop in 2025 if IOP Beach Services Officers continue to issue warnings and tickets for smoking on the beach, as they began to do mid-summer 2024.
- Working more with Front Beach businesses to increase available receptacles on their properties and encourage proper litter disposal could help continue the downward trend on the streetscape. Sandy Brotherton worked on this previously for the EAC.
- Cigarette litter is still the #1 litter item documented for the streetscape. It dropped to #2 on the beach in 2023 and remained there for 2024.

IOP's Litter Journal count dropped noticeably in 2024 with less "solo" sweeps by Beach Santa

For nearly a decade, Howard Hogue (Beach Santa) has devoted a significant amount of his time to independently collect litter on Isle of Palms for free, and in 2018, he began to document that with the Litter Journal. He continues this practice, but is steering more time to other parts of the Lowcountry, and early last year, he had a heart attack, which initially slowed him down.

While the total 2024 litter count for IOP in the Litter Journal showed a YOY drop of 7,826 items, an 11% dip, Howard's IOP totals dropped by 9,566 as he did less than half the number of "solo" litter sweeps on IOP as he did the year before. The City of Isle of Palms should factor this into their efforts to increase paid litter collection in the Front Beach area.

A look at the relative volunteer level of effort

This snapshot looks at counts from volunteers in similar group efforts for comparison purposes and can indicate changes in the amount of litter over time. The 2022 to 2023 drop was likely influenced by the notable drops in the % of our litter count tied to smoking on both the beach and

the streetscape - declining smoking litter may mean declining litter overall, though there is little



change from 2023 to 2024.

- 2022: 60,487 debris items were removed by 1,382 group volunteers (43.7 debris/volunteer LOE)
- 2023: 48,786 debris items were removed by 1,339 group volunteers (36.4 debris/volunteer LOE)
- 2024: 51,786 debris items were removed by 1,409 group volunteers (36.7 debris/volunteer LOE)

We can't track this but know many groups and individuals collect litter on their own without recording in the Litter Journal. With growing awareness and initiatives that include the Fill A Bag bucket tree at Front Beach, untracked efforts have likely increased and influence the litter amounts our volunteers encounter.

IOP Litter Data Totals

61,933 litter items documented for Isle of Palms (IOP), according to total Litter Journal data for 2024. That's down 7,826 from 69,759 litter items in 2023, likely due to the dip in litter sweeps by Beach Santa.

6,900 litter items (11% of total) removed by Howard Hogue (aka Beach Santa) in 23 "solo" sweeps (2 Beach sweeps, 21 Roadside sweeps). That's less than half his litter sweeps (52) and his litter count (16,446) in 2023.

51,786 litter items (84%) removed by IOP Cleanup Crew & friends, including 4 SC Aquarium-led sweeps. In total: 41 group sweeps (9 private groups, 4 off-season monthly sweeps, 6 Spring sweeps, 11 Monday Night Summer sweeps, and 11 Summer Breakfast Club sweeps). That reflects 1,409 recorded instances of volunteering, most for 30-60 minutes.

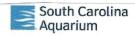
46,497 items (75%) involve some type of plastic. That includes cigarette butts, which have plastic threads. All other material types were found in much lower quantities (Paper - 12%, 7,202; Metals - 4%, 2,452; Glass - 1%, 655; Other items [clothes, wood & construction debris, fireworks, etc.] at 8%, 4,927).

41,512 litter items removed from beach habitat. Of these items, 16% (6,467) were some form of smoking debris (cigarette filters, cigar tips, eCig parts).

20,421 litter items removed from roadside, parking lots, and developed areas of the island. Of these items, **34%** (**6,902**) were smoking debris.

Beach Top 15 Littered Items (87% of all beach	litter)
Plastic Food Wrappers + Film	7009
Cigarettes + Filters	6070
Paper + Cardboard	4535
Plastic Caps + Lids	3345
Other Plastic	2359
Plastic Fragments (rigid)	2218
Clothing, Shoes + Fabric	1805
Styrofoam (other)	1706
Plastic Straws	1526
Plastic Straw Wrappers	1381
Other Items (please list)	1056
Plastic Toys	955
Fireworks	839
Plastic Cups, Plates, etc.	718
Plastic Bottles	670

Streetscape Top 15 Littered Items (93% of streets	scape litter)
Cigarettes + Filters	6642
Paper + Cardboard	2639
Plastic Food Wrappers + Film	2173
Plastic Straws	1702
Plastic Caps + Lids	1031
Other Plastic	752
Other Metals	669
Plastic Cups, Plates, etc.	565
Plastic Fragments (rigid)	528
Clothing, Shoes + Fabric	388
Plastic Straw Wrappers	362
Glass Bottles + Fragments	356
Beverage Cans (aluminum)	349
Plastic Bottles	299
Other Medical Supplies	211



Litter Journal Report

Input data and photos: https://www.anecdata.org/projects/view/122

Location:	Habitat:	Number of Date:	Duration:
	When possible, include	de descriptions/brands!	
Plastics		Smoking-related Iten	ns
Bags –Non-Retail:		Cigarettes/Filters:	
	,		
Caps/Lids:			
		Cigars/Tips:	
		Electronic Cigarette Par	
ragments (rigid):	4	Lighters:	
		Tobacco Packaging:	
		<u> </u>	
		Balloons:	
		Medical Supplies/Per	sonal Hygiene
		Band-Aids/Gauze:	
Oys:		Diapers:N	
		Other (list):	
other Plastics (list):		Metals	
		Beverage Cans (aluminu	m):
Dumping of Large Items		Food Cans (tin/steel):	
Appliances (list):		Other Metals (list):	
full Trash Bags:			
ires/Tire Pcs:			
Building Materials:		Miscellaneous Items	
		Batteries:	
ishing Gear		Clothing/Shoes/Fabric: _	
ishing Line/Nets:		Fireworks:	
Other (hooks, lures, etc.): _		Paper/Cardboard:	
alass			
ottles/Fragments:			
		Rubber (hard/foam): Other Items (list):	
Other (list):			

Sec. 5-4-17. Sea turtle protection; outdoor Outdoor lighting regulations.

The purpose of this section is to control light spillage and glare so as not to adversely affect motorists, pedestrians, and land uses of adjacent properties. More specifically, this section is intended to:

- Control lighting to assure that excessive light spillage and glare are not directed at adjacent properties, neighboring areas, and motorists;
- Protect livability and enjoyment for residents and visitors;
- Filter and reduce glare from artificial light sources, preventing "sky and neighborhood glow"; and
- Avoid negative impacts to Sea Turtles and other wildlife from exterior lighting.
- (a) Definitions. The following words, terms and phrases, when used in this section, shall have the meanings ascribed to them in this subsection, except where the context clearly indicates a different meaning:
 - Artificial light means any source of light emanating from a manmade device, including, but not limited to, incandescent, mercury vapor, metal halide, or sodium lamps, flashlights, spotlights, streetlights, vehicular lights, construction or security lights.
 - (2) Floodlight means reflector-type light fixture which is attached directly to a building and which is unshielded.
 - (3) Low profile luminary means a light fixture set on a base which raises the source of the light no higher than forty-eight inches (48") off the ground, and designed in such a way that light is directed downward from a hooded light source.
 - (4) Development means any existing structure for which a building permit has been duly issued and any new construction or remodeling of existing structures when such remodeling includes alteration of exterior lighting.
 - (5) Person means any individual, firm, association, joint venture, partnership, estate, trust, syndicate, fiduciary, corporation, group or unit, or Federal, State, County or municipal government.
 - (6) Pole lighting means a light fixture set on a base or pole which raises the source of the light higher than forty-eight inches (48") off the ground.
- (b) Development. For protection of Sea Turtles and other wildlife, No-no artificial light shall illuminate any area of the beach other than in compliance with this section. Building and electrical plans for construction of single-family or multifamily dwellings, commercial or other structures, including electrical plans associated with parking lots, dune walkovers or other outdoor lighting for real property if lighting associated with such construction or development can be seen from the beach, shall be in compliance with the following:
 - Floodlights shall be prohibited. Wall-mounted light fixtures shall be fitted with hoods so that no light illuminates the beach.
 - (2) Pole lighting shall be shielded in such a way that the point sources of light will not be visible from the beach. Outdoor lighting shall be held to the minimum necessary for security and convenience.
 - (3) Low-profile luminaries shall be used in parking lots and such lighting shall be positioned so that no light illuminates the beach.
 - (4) Dune crosswalks shall utilize low-profile shielded luminaries which shall be turned off from sunset to sunrise during the period of May 1 to October 31 of each year.

Commented [TM1]: Is there a reference to this section elsewhere in the ordinance that would also need to be updated to reflect this change to the section title?

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- (5) Temporary security lights at construction sites shall not be mounted more than fifteen feet (15') above the ground. Illumination from the lights shall not spread beyond the boundary of the property being developed and in no case shall those lights illuminate the beach.
- (c) Use of lighting. It is the policy of the City for both new and existing development to minimize artificial light illuminating any area of the beach and limit light spillage on natural areas, vistas, and adjacent properties. To adhere to this policy, outdoor lighting and lighting of structures which can be seen from the beach shall be in compliance with the following:
 - (1) Lights illuminating buildings or associate grounds for decorative or recreational purposes shall be shielded or screened such that they are not visible from the beach, or turned off from sunset to sunrise during the period of May 1 to October 31 of each year.
 - (2) Lights illuminating dune crosswalks of any area oceanward of the primary dune line shall be turned off from sunset to sunrise during the period of May 1 to October 31 of each year.
 - (3) Security lights shall be permitted throughout the night so long as low-profile luminaries are used and screened in such a way that those lights do not illuminate the beach.
 - (4) Outdoor lighting of any kind shall not shine directly into the yard or windows of adjacent residential uses.
 - (5) Outdoor lighting on residential or commercial structures facing the Intracoastal Waterway, marsh, or other natural areas must be shielded so that light is directed downward and does not shine directly onto the natural area.
- (d) <u>Individual use of lights.</u>
 - (1) Use of unfiltered lights (any color spectrum except red), including but not limited to flashlights, cellular phones, and cameras, by persons are prohibited on the beach from 9:00 pm until dawn during the period of May 1 to October 31 of each year.
 - (2) No unfiltered light shall be shown directly on adult turtles, eggs or hatchlings.
- (ed) Publicly owned lighting. Streetlights and lighting at parks and other publicly owned beach areas shall be subject to the following:
 - (1) Streetlights shall be located so that most of their illumination will be directed away from the beach. These lights shall be equipped with low-pressure sodium bulbs and shades or shields that will prevent backlighting and render them not visible from the beach.
 - (2) Lights at parks or other public beach access points shall be shielded or shaded or shall not be utilized during the period of May 1 to October 31 of each year.
- (fe) Enforcement and penalty. Violation of any provision is hereby declared to be a misdemeanor, punishable and enforceable pursuant to the provisions of section 1-3-66.

(Code 1994, § 5-4-17)

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Exceeded Limits: Key Areas of Concern

1. Total Phosphorus (TP) – Exceeded at 6 Locations

- Exceeded at: SW-13 (0.695 mg/L), SW-17 (1.21 mg/L), SW-6 (0.310 mg/L), SW-7 (0.636 mg/L), SW-14 (0.579 mg/L), SW-18 (0.577 mg/L)
- Safe Limit: 0.1 mg/L (EPA recommended for preventing algal blooms)
- Why It Matters:
 - o High phosphorus leads to **eutrophication** (excessive algae growth), which depletes oxygen in the water and can cause fish kills.
 - o These sites are at extreme risk for **harmful algal blooms (HABs)**, which can produce toxins harmful to humans and animals.
 - SW-17's 1.21 mg/L is more than 12x the recommended limit, indicating severe nutrient pollution.

2. Total Nitrogen (TN) – Exceeded at 3 Locations

- Exceeded at: SW-13 (3.36 mg/L), SW-17 (2.46 mg/L), SW-14 (1.38 mg/L)
- Safe Limit: ~0.7–0.9 mg/L (EPA guidelines for healthy coastal streams)
- Why It Matters:
 - High nitrogen also contributes to algae overgrowth, leading to reduced water quality and possible oxygen depletion (hypoxia).
 - SW-13's 3.36 mg/L is nearly 5x the recommended level, a major concern for ecosystem damage.

3. Oil & Grease – Exceeded at 1 Location

- Exceeded at: SW-6 (6.42 mg/L)
- Safe Limit: <5.0 mg/L (EPA discharge guidelines; some states set stricter limits)
- Why It Matters:
 - Oil sheens on water prevent oxygen from entering, suffocating fish and aquatic organisms.
 - Oily water is toxic to wildlife, birds, and amphibians, leading to bioaccumulation in the food chain.
 - o Indicates possible industrial, vehicle, or restaurant waste pollution.

4. Total Suspended Solids (TSS) – Exceeded at 2 Locations

- Exceeded at: SW-6 (44.0 mg/L), SW-17 (34.0 mg/L)
- Safe Limit: <30 mg/L (EPA & state benchmarks for discharge water)
- Why It Matters:
 - High TSS means muddy, cloudy water that blocks sunlight needed for aquatic plants.
 - Fish and aquatic life struggle in high TSS waters sediment clogs their gills and disrupts ecosystems.
 - o Can transport pollutants like heavy metals and bacteria.

Safe (Within Limits)

- pH (All Locations): 7.40 8.10 (within EPA's 6.5 8.5 range)
- Nitrate/Nitrite (All Locations): Well below EPA's 10 mg/L drinking water standard (Note: While all nitrate values are safe for drinking, they still contribute to ecosystem nutrient loading.)

Summary: Most Critical Sites

Reason for Concern

SW-13	Highest nitrogen (3.36 mg/L) & phosphorus (0.695 mg/L), severe eutrophication
3 44-13	risk

SW-17 Extremely high phosphorus (1.21 mg/L) & nitrogen (2.46 mg/L), also high TSS (34 mg/L)

SW-6 Oil & grease (6.42 mg/L) + TSS (44 mg/L), indicating stormwater and industrial pollution

Next Steps:

- Monitor phosphorus at all sites: Critical nutrient overloading.
- Investigate nitrogen sources at SW-13 & SW-17: (Severe nutrient pollution) Likely fertilizer, wastewater, or storm runoff.
- Identify oil source at SW-6: Inspect for possible vehicle runoff, industrial discharge, or restaurant waste.
- Address sediment runoff at SW-6 & SW-17: May require erosion control, construction best practices.

Remediation Strategies for Key Water Quality Issues

To improve water quality at the most concerning sites (SW-6, SW-13, SW-17), we need targeted interventions for **nutrient pollution (phosphorus & nitrogen)**, **oil & grease contamination**, **and excessive suspended solids**. Below are specific **solutions** to address each major problem.

1. Reducing Excess Phosphorus & Nitrogen (Nutrient Pollution)

Locations Affected:

- SW-13 (3.36 mg/L TN, 0.695 mg/L TP) Highest Concern
- SW-17 (2.46 mg/L TN, 1.21 mg/L TP) Very High Concern
- SW-14, SW-6, SW-7, SW-18 also exceeded phosphorus limits.

Solutions:

- 1. Stormwater Management (Prevent Runoff from Carrying Nutrients)
 - Install rain gardens and vegetated buffer zones along water edges to trap fertilizers before they
 enter the water.
 - Require permeable pavement in parking lots and high-runoff areas to reduce fertilizer and sewage runoff.
- 2. Regulate Fertilizer Use in the Watershed
 - o Implement phosphorus-free fertilizers policy for residential & golf courses.
 - o Offer free soil testing to homeowners to avoid over-application of fertilizers.
- 3. Investigate Possible Wastewater Leaks or Septic Failures
 - o Conduct septic system inspections near SW-13 & SW-17.
 - Ensure municipal sewer lines aren't leaking excess nitrogen/phosphorus into storm drains.
- 4. Control Animal Waste Contributions
 - Install pet waste stations near recreational areas.
 - O Work with farms (if nearby) to implement manure management practices.

2. Addressing Oil & Grease Pollution

Location Affected:

SW-6 (6.42 mg/L Oil & Grease) – Exceeds Safe Limit (5.0 mg/L)

Solutions:

- 1. Identify the Source of Oil Contamination
 - Inspect nearby auto shops, restaurants, and gas stations for improper oil disposal.
 - Check storm drains for illegal dumping of motor oil or grease.
- 2. Install Oil-Water Separators & Catch Basin Inserts
 - Interceptors in storm drains near roads and parking lots can trap oil before it reaches waterways.
 - o Require grease traps in commercial kitchens to prevent grease discharge into the sewer.
- 3. Public Education & Enforcement
 - o Implement a "No Oil Down the Drain" awareness campaign.
 - Enforce fines for illegal oil disposal in storm drains.

3. Controlling Sediment & Suspended Solids (TSS)

Locations Affected:

- SW-6 (44 mg/L TSS) Exceeds Safe Limit (30 mg/L)
- SW-17 (34 mg/L TSS) Above Threshold

Solutions:

- 1. Implement Erosion Control Practices
 - o Require silt fences & sediment barriers at construction sites.
 - o Replant vegetation along streambanks to stabilize soil & prevent erosion.
- 2. Upgrade Stormwater Infrastructure
 - o Install **sediment settling ponds** near high-runoff areas.
 - o Use gravel trenches or bioretention cells to filter sediments before discharge.
- 3. Regular Maintenance of Storm Drains
 - o Increase street sweeping frequency in high-traffic areas.
 - Clear storm drains of debris to prevent sediment flushing into waterways.

						Water Resul	ts Ranked by Leve	el of Concern		
Ranked by Concern	Location	pH(SU)	TKN(mg/L)	Nitrate/Nitrite(mg/L)	Total P(mg/L)	Total N(mg/L)	il & Grease(mg/	TSS(mg/L)	Key Concern Summary	Reference Links
									Excess Nutrients: Extremely high nitrate and total nitrogen (3.36 mg/L) fai	•
									exceed healthy levels, indicating likely runoff pollution (fertilizer or	<u>pubs.usgs.gov</u>
1 (Highest)	SW-13	8	1.75	1.61	0.695	3.36	ND	7.2	waste). Risks of algal blooms/eutrophication are elevated.	<u>epa.gov</u>
									Organic/Nutrient Pollution: Very high TKN (2.40) and phosphorus (1.21)	
									suggest organic waste or sewage contamination. Total N ~2.46 mg/L is	pubs.usgs.gov
									well above safe criteria. Elevated TSS (34 mg/L) also indicates sediment	des.sc.gov
2	SW-17	8.1	2.4	0.0584	1.21	2.46	ND	34	runoff above normal levels.	epa.gov
									Oil & Sediment Runoff: Oil & grease is 6.42 mg/L (visible sheen likely;	
									significantly elevated, typical limit ~5–10 mg/L). TSS is 44 mg/L (exceeds	
									30 mg/L benchmark), indicating heavy sediment runoff (perhaps	
3	SW-6	7.8	0.99	0.0289	0.31	1.02	6.42	44	construction/road). Nutrients are moderate.	19january2021snapshot.epa.gov
									0.1 mg/L guideline. Total N ~1.27 mg/L also above normal. Some oil (1.42	
									mg/L) and elevated TSS (26 mg/L) reflect urban runoff, though within	pubs.usgs.gov
4	SW-7	7.5	1.18	0.0952	0.636	1.27	1.42	26	acceptable range (no regulatory exceedance).	epa.gov
									mg/L) are high, exceeding EPA's recommended limits and indicating	
									nutrient enrichment. Other parameters (pH, O&G, TSS) are normal. Main	pubs.usgs.gov
5	SW-14	7.7	1.1	0.276	0.579	1.38	ND	5.6	concern is potential algal growth from nutrients.	epa.gov
									0.774 mg/L near criterion) and noticeable oil presence (4.34 mg/L, likely	
									from roadway runoff). No acute standard exceedances, but values	pubs.usgs.gov
6	SW-18	8	0.631	0.143	0.577	0.774	4.34	4	suggest stormwater influence.	epa.gov
									Slight Nutrient Presence: All parameters are within acceptable ranges.	
									Nutrients are slightly elevated (TN ~1.03 mg/L) but around the threshold	
									for concern. No oil detected; pH 7.4 is neutral. Overall water quality is	
7	SW-2	7.4	0.662	0.37	0.136	1.03	ND	9.6	good with minimal issues.	
									Baseline (Best): Lowest nutrient levels of all sites (TN ~0.15, TP 0.126	
									mg/L, near natural background). No oil detected. TSS 21.5 mg/L is modes	t
									(below typical concern level). This location exhibits the best overall water	
8(Lowest)	SW-16	7.5	0.092	0.0556	0.126	0.148	ND	21.5	quality in the group.	

This morning, February 28th, the Miami Waterkeeper team provided comments at City Hall in support of a City of Miami resolution that would ban the use of herbicides containing the ingredient glyphosate. In the last year, the City of Miami used almost 5,000 gallons of herbicide containing glyphosate on city property. To address this problem, Commissioner Ken Russell sponsored a resolution that would make it City policy to use more environmentally friendly alternatives.

Glyphosate is the active ingredient in commercial herbicides like RoundUp and Ranger Pro. It is believed there are cancer risks associated with these products. Recently, the company that makes RoundUp, Monsanto, has been found liable in a lawsuit filed by a California groundskeeper who claimed his cancer, non-Hodgkin's lymphoma was caused by exposure to RoundUp and Ranger Pro. In addition to this, the International Agency for Research on Cancer has classified glyphosate as "probably carcinogenic to humans". Many European countries like the Netherlands and Belgium have banned the use of glyphosate, and many cities and towns across the United States have also banned the use of products containing glyphosate. Most recently, the City of Miami Beach passed a resolution banning the use of herbicides containing glyphosate on city-owned property.

Herbicides are often applied in excess to lawns and landscapes and can be lost to the environment in stormwater runoff. They can also degrade the water quality of streams, rivers, canals, lakes, and coastal waters. Some scientists believe that herbicides, like those containing glyphosate, can exacerbate algae blooms because of their molecular Phosphorus content. What is certain is that these herbicides can contribute to the destruction of aquatic plant communities, including critically important habitats like seagrass beds and coral reef ecosystems. The Florida Fish and Wildlife Conservation Commission has even recently stopped using herbicides on aquatic weeds due to environmental concerns.

During the public comment period, Mayor Suarez co-sponsored the resolution to show his support. When the resolution came to a vote before the Board, it passed unanimously! The City of Miami is leading the way in its work to combat the water quality issues facing Biscayne Bay and other waterways in Miami. Banning the use of glyphosate is a great first step to take in improving water quality and also benefits public health by limiting the community's exposure to harmful chemicals. A big congratulations to the City of Miami for this important commitment!

Are you interested in banning these harmful chemicals in your community? Check out Miami Waterkeeper's template resolution HERE. Questions about glyphosate, water quality, and more? Contact hello@miamiwaterkeeper.org for more information.

Recommendation	Source	Catagory/Foous Area	Accidence Committee	Timolino	of Type of Bosom	mo Pudgot
		Category/Focus Area			of Type of Recom	me buuget
Explore creating an electronic means (text or web-based form) of contacting police and generating incident reports for non-emergency issues, which includes acknowledgement of receipt and notification of not		Public Safety	Public Safety Committee	Short	Exploratory	Ф
Identify and promote an electronic process for residents, property owners, and businesses to proactively provide background information about their property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living there to assume the property and special needs of individuals living the property and special needs of individuals livin	·	Public Safety	Public Safety Committee	Short	Actionable	
Monitor safety conditions and rule compliance at the public dock daily, confirming the presence of a life-saving ring, and evaluating the condition of dock surfaces and railings.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	ф
Frequently incorporate safety-related information in messages from multiple city communication channels; place particular emphasis on increasing use of Sunnie for real-time communication. Suggested topi		Public Safety	Public Safety Committee	Short	Actionable	Ф
Work with golf cart rental companies to develop a communication piece for distribution to each renter, a placard/sticker to be posted in each cart, and/or a pledge to be signed by all renters that emphasizes st		Public Safety	Public Safety Committee	Short	Actionable	
Consider passing an ordinance adding a requirement for golf cart and LSV owners/users to read and agree to a golf cart/LSV safety pledge emphasizing state and local laws.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Exploratory	
Advocating to appropriate state agencies, ex. South Carolina Department of Transportation ("SCDOT"), to reinstall speed limit signs removed from Waterway Boulevard, Palm Boulevard, and any other interior	•	Public Safety	Public Safety Committee	Medium	Actionable	
Request permission from SCDOT to install permanent speed monitoring/reporting mechanism near Waterway Boulevard & 29th Avenue to collect real-time data, informing the need for more frequent traffic en		Public Safety	Public Safety Committee	Medium	Actionable	
Identify locations on the island with the most repetitive parking violations that impact safety and evaluate the need for signage.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	
Given the increased activity, assess the costs, risks, impacts to public beach access, and benefits of taking more aggressive measures, such as depredation on public property; seek appropriate state agency,		Public Safety	Public Safety Committee	Medium	Exploratory	
Adapt existing Coyote Management Plan to add color-coded threat levels defining triggers for moving between levels AND actions that the city will take at each level.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	
Establish a notification process that would communicate: 1) color-coded threat levels and 2) den locations or reported sighting/incidents so appropriate precautionary measures may be taken. Notify property	<u> </u>	Public Safety	Public Safety Committee	Short	Actionable	\$
Notifications should occur via multiple communication channels to include text.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	
Consistently add temporary warning signs to beach paths where coyotes are active.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	
Explore ways to increase police officer and beach safety officer staffing during peak summer hours.	Community Enrichment Plan	Public Safety	Public Safety Committee	Medium	Exploratory	\$\$
Recruit from areas that have high demand in winter months.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	
Recruit semi-retired officers.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	\$\$
Create a beach safety lane, where necessary, by maintaining a corridor from the dune for emergency access.	Community Enrichment Plan	Public Safety	Public Safety Committee	Medium	Actionable	\$\$\$
Restore, update and improve signage for dune protection, coyotes and beach rules.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	\$
Increase public media messages regarding all safety matters.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Aspirational	
Restrict e-bike usage with speed limitations on beach accesses.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	
Extend restriction of e-bikes to April 1st through September 14th	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	
Collaborate with other beach communities to request state officials to ban firearms from the beach.	Community Enrichment Plan	Public Safety	Public Safety Committee	Medium	Aspirational	
Get community/resident support to change state laws to designate the beach as a no firearms zone.	Community Enrichment Plan	Public Safety	Public Safety Committee	Long	Aspirational	
Require registration of any Hobie Cat and volleyball nets that might be left on the beach (similar to Myrtle Beach and Hilton Head).	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	
Explore installing "in-pavement lighting" on existing crosswalks on Palm Boulevard for increased visibility to advancing cars with brighter paint to designate pedestrian space.	Community Enrichment Plan	Public Safety	Public Services and Facilities	s (Medium	Exploratory	\$\$
Maintain 4' off pavement chalk line on Palm Boulevard more than just weekends.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Maintenance	
Request new, more accurate renderings of Palm Boulevard including existing driveways, beach paths, mailboxes and drainage ditches prioritizing safety of residents and beachgoers. Engage the Berkeley Char	e: Community Enrichment Plan	Public Safety	Public Safety Committee	Long	Actionable	\$\$\$
Increase the width of the existing sidewalk on Palm Boulevard landside between 21st and 40th and trim all overgrown vegetation. Consider marking cross streets to indicate pedestrian crossing.	Community Enrichment Plan	Public Safety	Public Services and Facilities	s (Long	Exploratory	\$\$\$
Increase enforcement of speed limit along Palm Boulevard 21st-41st in the off season.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	
Consider adding more crosswalks and sidewalks island wide based off data from walkability study with emphasis on 27th, 28th, 29th streets surrounding the recreation center. Possible funding may come from	nt Community Enrichment Plan	Public Safety	Planning Commission	Long	Exploratory	\$\$\$
Program intersection at IOP connector and Palm Boulevard that emphasizes the pedestrian right of way with use of lead pedestrian intervals (all-way stop) and raised materials that designate pedestrian space	. Community Enrichment Plan	Public Safety	Public Safety Committee	Medium	Actionable	\$
Request updated traffic study to help direct makeover of Palm Boulevard that focuses on pedestrian safety along with traffic and seasonal adjustments.	Community Enrichment Plan	Public Safety	Public Safety Committee	Medium	Actionable	\$\$
Revisit wayfinding signage plan and improve throughout the island.	Community Enrichment Plan	Public Safety	Public Services and Facilities	s (Medium	Exploratory	\$
Clean, better mark, maintain, increase signage and possibly enlarge existing bike lanes on Palm Boulevard from 14th Avenue to Breach Inlet.	Community Enrichment Plan	Public Safety	Public Services and Facilities	s (Medium	Actionable	\$
Create a clear path off the connector to bike to Front Beach/County park incorporating the existing path from 14th to Breach inlet.	Community Enrichment Plan	Public Safety	Planning Commission	Long	Actionable	\$\$\$
Encourage bikers in the direction of the existing bike lane from 14th Avenue to Breach Inlet with improved signage and education of local bike groups to avoid the areas of Palm 21-41st Avenues where there is	ກເ Community Enrichment Plan	Public Safety	Public Safety Committee	Medium	Actionable	
Determine feasibility for a bike route off the main roadways and sidewalks through neighborhoods or other lower traffic areas. i.e. Waterway Boulevard on the east bound side.	Community Enrichment Plan	Public Safety	Planning Commission	Long	Exploratory	\$\$\$
Install bike repair/air station at the public safety building and recreation center.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	\$
Consider hiring independent consultants to assess performance and departmental needs periodically.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Exploratory	\$\$
Combat attrition by performing an annual review of compensation packages and adjusting to make and keep IOP public safety positions competitive Match or exceed those of comparable roles	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	\$\$
Consider post-retirement health care options for public safety personnel, possibly with the assistance of state/county organizations.	Community Enrichment Plan	Public Safety	Public Safety Committee	Long	Exploratory	\$\$\$
Provide training budgets that meet the ever-changing needs of the Police and Fire Departments.	Community Enrichment Plan	Public Safety	Public Safety Committee	Medium	Actionable	\$\$
Modify the court schedule to have less impact on work shift schedules. Investigate virtual options.	Community Enrichment Plan	Public Safety	Public Safety Committee	Medium	Exploratory	**
Explore ways to compensate for the lack of affordable local housing. Look at cost of living increases, housing allowances, and/or incentives for IOP property owners to rent to public safety personnel. Explore u	•	Public Safety	Public Safety Committee	Long	Exploratory	\$\$\$
Evaluate partnerships with Wild Dunes Resort and Wild Dunes Community Association to establish a staffed and equipped public safety building inside of Wild Dunes reducing response times, providing much-	<u> </u>	Public Safety	Public Safety Committee	Long	Exploratory	\$\$\$
Hire seasonal, part-time police officers, recruiting retired police officers when possible; one such position to serve as a transport officer.	Community Enrichment Plan	Public Safety	Public Safety Committee	Medium	Actionable	\$\$\$
Require local businesses hosting events to pay for additional police support to avoid having to pull scheduled patrol officers away from patrolling the rest of the island.	Community Enrichment Plan	Public Safety	Public Safety Committee	Short	Actionable	ΨΨΨ
Conduct annual review of equipment needs to include considerations for things like a high-water vehicle for the Fire Department and more diverse patrolling options for the Police Department (bicycles, motors)	·	Public Safety	Public Safety Committee	Short	Exploratory	
Consider how to best acquire an accelerant and explosive detection canine for large events, which may include a mutual aid agreement and/or shared use with other jurisdictions.	Community Enrichment Plan	Public Safety Public Safety	Public Safety Committee	Medium	Exploratory	\$\$\$
Ask the Police Department to present a plan for a formalized drone program utilizing licensed volunteers to supplement the police force. Ensure the plan clearly defines public spaces where drone use can help	•	Public Safety Public Safety	Public Safety Committee Public Safety Committee	Medium	Exploratory	ψψψ
Assess the Recreation Center property and facilities to determine the options for expansion or a reconfiguration to support demand and growth in program participation, adequate indoor & outdoor storage, an	<u> </u>	Quality of Life	Public Safety Committee Public Services and Facilities		Exploratory	\$\$\$
Explore partnerships with Wild Dunes, Charleston County Parks, and the IOP Exchange Club to utilize their facilities in the off-peak season (e.g. pool activities and youth golf lessons for courses at Wild Dunes,	<u> </u>	Quality of Life	Public Services and Facilities Public Services and Facilities		Exploratory	φφφ
Explore partificially and with with buries, original country rains, and the for exchange of with buries,	a. Community Limenment Flan	Quality of Life	Tublic belvices and Facilities	3 (1-16ululli	LAPIDIAIDIY	

Upgrade Recreation Center interior spaces. Give primary attention to cabinetry, fans, audio visual, sound and lighting equipment, storage, paint, and ceiling repairs. Include equipment necessary to live stream		0 111 1111			***
and record events held in the Magnolia Room. Install charging stations and workspaces in the lobby.	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Medium	Actionable	\$\$\$
Explore upgrades to outdoor spaces at the Recreation Center and Mayor Carmen R. Bunch Park.					
• Utilize native plants. Add swings, benches, picnic tables, etc.					
• Create a community garden at the Recreation Center.					
• Expand Recreation Center's outdoor shelter to support diverse programming and events, providing fans, electricity, and a stage for music.					
• Explore options for providing an expanded electrical grid throughout the Recreation Center property to support large community events and athletics.					
• Create a WIFI hotspot at the Recreation Center and its surrounding property.	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Long	Exploratory	\$\$\$
Consider using existing City properties to increase public access to the water for paddle sports, fishing, etc., or more passive uses (benches/swings). Update indoor and outdoor facilities to create a safe and w		Quality of Life	Public Services and Facilities (Long	Exploratory	\$\$\$
	·		5		
Focus on the acquisition of properties to increase our public space: Contact The Beach Company to identify small pocket parcels they own. Monitor real estate listings of properties located between the current	t				
Recreation Center property and Waterway Boulevard; evaluate purchases that could enlarge the recreation footprint.	Community Enrichment Plan	Quality of Life	Planning Commission Long	Aspirational	\$\$\$
Emphasize sustainable/environmentally friendly practices at the Recreation Center.	Community Enrichment Plan	•	dsł Environmental Advisory Comn Short	Exploratory	
Assess equipment needs to support growing athletic programs.	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Exploratory	\$\$
Identify unmet recreation needs for which people often leave the island (e.g. youth golf lessons, lacrosse, flag football, gym, year-round swimming, indoor tennis/pickleball, minigolf). Evaluate if there is sufficie	n Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Exploratory	
Develop programming connected to the water (e.g. kayaking, water safety, beach exercise, paddle boarding, paddle board yoga, eco tours, seining, SCUBA).	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Medium	Actionable	\$
Facilitate more programming focused on understanding and protecting our natural environment (e.g. beach/saltmarsh/waterways, native plants, native and endangered species).	Community Enrichment Plan	Environmental Steward	dsł Environmental Advisory Comn Short	Actionable	
Sustain the speaker series by identifying willing presenters with unique skills, knowledge, and life experiences.	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Actionable	\$
Explore opportunities for teen programming (e.g. babysitter/CPR course, video game tournament, coffee house karaoke/open mic night, community service projects, rock climbing).	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Medium	Exploratory	\$
Explore bringing in food trucks on youth sports nights and/or once a week on a weeknight from Memorial Day to Labor Day.	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Exploratory	\$
Make our special events autism- and neurodivergent-friendly by offering a calming space/tent and/or special sensory-friendly times to attend.	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Actionable	\$
Explore potential of fee based reservations of key facilities.	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Exploratory	
Feature activities and events more prominently in monthly City e-newsletter with departments cross-posting special events on social media. Consider creating a monthly email or e-newsletter just for the Recre	ea Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Exploratory	
Use Sunnie to communicate about more than special events (e.g. youth sports registration dates, new classes, educational programs); add an option for people to specifically sign up for Recreation Departmer	nt Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Actionable	
Ensure staff are facilitating two-way communication on social media by responding to comments and inquiries within 24 hours.	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Actionable	
Create a separate calendar for Recreation Center activities on City website and enable a click feature for users to add to their personal calendars.	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Actionable	
Coordinate with Wild Dunes and Wild Dunes Homeowners Associations (HOAs) to share monthly/quarterly updates on programs and events through their communication platforms.	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Exploratory	
Emphasize "we are more than just sports and exercise classes." in communications.	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Aspirational	
Invest more in online marketing of Recreation Department opportunities to ensure residents are fully aware of what is available to them through the City	Community Enrichment Plan	Quality of Life	Public Services and Facilities (Short	Actionable	\$
Identify communities to learn and evaluate what they have done for noise/light ordinances to see what IOP could explore.	Community Enrichment Plan	Quality of Life	Public Safety Committee Medium	Exploratory	
Track noise and light complaints across geographical grids to evaluate levels of complaints for targeted mitigation efforts.	Community Enrichment Plan	Public Safety	Public Safety Committee Medium	Actionable	
Recognize that complaint data may not include Wild Dunes Community Association Security, Wild Dunes Resort Security or other island entity data. Work towards consistent data capture.	Community Enrichment Plan	Public Safety	Public Safety Committee Short	Aspirational	
Continuously assess the mix of full-time residential, part-time, and STRs to maintain a balance that enhances the livability on the island.	Community Enrichment Plan	Quality of Life	General Administration Long	Aspirational	
Create a 'Good Neighbor' program to incentivize and recognize those properties that exemplify desirable rentals.	Community Enrichment Plan	Quality of Life	Public Safety Committee Medium	Actionable	\$
Develop metrics of predetermined thresholds of STR complaints to become a 'trigger' for review of total number of licenses.	Community Enrichment Plan	Quality of Life	Public Safety Committee Medium	Actionable	
Use the Business License application as a vehicle to encourage rental companies to join consortium meetings for consistent regulation.	Community Enrichment Plan	Quality of Life	General Administration Medium	Actionable	
Explore adding an online portal for residents to submit STR complaints and follow the response by property managers and the City. This is available through the City's current STR monitoring service.	Community Enrichment Plan	Quality of Life	General Administration Short	Actionable	
Additional communications to residents and visitors regarding noise and light ordinances, best practices, and process for proper notifications if concerns exist.	Community Enrichment Plan	Quality of Life	Public Safety Committee Short	Actionable	
Educate more of the positives of the STRs and publish data tracking to residents.	Community Enrichment Plan	Quality of Life	Public Safety Committee Short	Actionable	
Collaborate with the STR companies to update required signage with quick access to policies/regulations/fines as well as to update on local efforts, i.e., QR Code	Community Enrichment Plan	Quality of Life	Public Safety Committee Short	Actionable	
Educate public of rental companies' consortium success.	Community Enrichment Plan	Quality of Life	Public Safety Committee Short	Actionable	
Preserve, protect, manage and enhance the island's natural resources – including the beach, salt marsh and natural areas in the island's interior.	Community Enrichment Plan		dst Environmental Advisory Comp Long	Aspirational	
Secure grants, provide community education, and collaborate with neighboring communities and state agencies.	Community Enrichment Plan		dst Environmental Advisory Comn Long	Aspirational	
Have in-house, STEM-focused staff ready for conversations on environmental policy and practices.	Community Enrichment Plan		dst Administration Committee Long	Actionable	
Protect the city's best interests with cost-effective planning and increased oversight of contractors for resiliency initiatives, including beach preservation and drainage projects. Projectively enforce and track violations to environmental ordinances, including those related to beach lights, litter, building, development and tree protections.	Community Enrichment Plan Community Enrichment Plan	Beach Preservation	Beach Preservation Committe Long Ist General Administration Long	Aspirational Actionable	
Proactively enforce and track violations to environmental ordinances, including those related to beach lights, litter, building, development and tree protections. Evaluate whether more resources (ex. staff) are needed for proper enforcement.	Community Enrichment Plan		dst Environmental Advisory Comn Medium	Exploratory	\$\$
Coordinate with property managers and cleaning companies on proper emorcement.	Community Enrichment Plan	Quality of Life	General Administration Short	Actionable	φφ
Require acknowledgement of city's beach rules as part of the online parking checkout process.	Community Enrichment Plan	Public Safety	Public Safety Committee Short	Actionable	
Develop consistent data collection that includes water quality testing for the ocean, creeks, marsh and interior; surveys of related wildlife and ecosystems; and sea level rise measurements.	Community Enrichment Plan		dsł Environmental Advisory Comn Long	Actionable	¢
Make environmental data easy to understand, access and share.	Community Enrichment Plan		dst Environmental Advisory Comm Long	Aspirational	Ψ
Advance recommendations from city's developing Sea Level Rise Adaptation Plan.	Community Enrichment Plan		dst Environmental Advisory Comm Long	Aspirational	
Model, map & monitor areas most susceptible to sea level rise, flooding & storm surges.	Community Enrichment Plan		dst Environmental Advisory Comm Long	Actionable	
Predict social and economic impacts of climate changes, including cost calculations.	Community Enrichment Plan		dst Environmental Advisory Comm Long	Aspirational	
ויסווטני שיטומני מווע פטיחיטוווט וווויףמטנש טו טוווומנפ טוימווקפש, וויטנעטוווק טישני טמנימנוטווש.	Community Emicriment Plan	Liivii Oiliileiitat Stewart	isi Environinientat Auvisory Comin Long	Aspirational	

Explore recommendations for zoning, retrofitting, setbacks for new construction.	Community Enrichment Plan	Environmental Stewardst Planning Commission Long	Exploratory	
Determine and articulate long-term goals for Adaptation plan that are proactive and transparent. Communicate these elements effectively to the public.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Long	Aspirational	
Add solar panels to city buildings when it makes sense for sun exposure and roof replacement schedules.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Actionable	\$\$\$
Explore transition to battery-powered landscaping equipment to reduce carbon emissions, air & noise pollution.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Exploratory	\$\$\$
Consider requesting sustainable practices in city's request for proposals and bids.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Exploratory	
Encourage fuel efficiency as a consideration when buying new vehicles.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Aspirational	
Evaluate feasibility of safely of adding electric vehicle charging stations.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Exploratory	\$\$
Make IOP's environmental leadership a clear and consistent part of the city's brand.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Long	Aspirational	
Highlight related wins and best practices through the city's communication channels, including the developing environmental section of iop.net.	Community Enrichment Plan	Environmental Stewardsr General Administration Short	Actionable	
Secure more related media coverage.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Add signs to public dock to highlight the location's natural resources, geography and history.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	\$\$
With IOP Cleanup Crew, pursue IOP Conservation Station exhibit at Front Breach	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Actionable	\$\$
Develop plan to increase awareness of challenges and solutions that includes "Do No Harm" messaging for residents, visitors, developers and businesses.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Provide QR codes in city signage and required messaging for STR's that direct visitors to environmental rules and best practices.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Actionable	\$
Explore ways to better share rules with non-English speaking visitors.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Exploratory	
Create a guide – available electronically and in print form – for residents, developers, contractors and property managers to promote IOP native plants, trees, eco-friendly landscaping and lighting practices.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Actionable	
Add an annual eco-themed event to the Recreation Department's annual calendar.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Involve public in South Carolina Aquarium's Searise sign project.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Be proactive rather than reactive in beach preservation with quarterly surveying and monitoring.	Community Enrichment Plan	Beach Preservation Beach Preservation Committe Short	Aspirational	
Consistently track, project and evaluate the impact of sea level rise, king tides and storms.	Community Enrichment Plan	Beach Preservation Beach Preservation Committe Short	Aspirational	
Pursue promising "natural defense" strategies.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Actionable	\$\$\$
Have standing permits for agreed-upon projects for beach restoration, shoal management and emergency situations.	Community Enrichment Plan	Beach Preservation Beach Preservation Committe Medium	Actionable	
Be fiscally responsible without letting the lowest immediate expense drive decisions.	Community Enrichment Plan	General Administration General Administration Short	Aspirational	
Involve Environmental Advisory Committee in review of beach preservation efforts.	Community Enrichment Plan	Beach Preservation Beach Preservation Committe Short	Actionable	
Develop consistent signage policies on dune preservation, with approved options that residents can deploy on their property.	Community Enrichment Plan	Beach Preservation Beach Preservation Committe Medium	Actionable	\$
Include acknowledgment of beach rules as part of the permitting process for events.	Community Enrichment Plan	Beach Preservation Beach Preservation Committe Short	Actionable	
Create a collaborative sense of shared responsibility with the state, local communities and county governments, beach users, and property owners.	Community Enrichment Plan	Beach Preservation Beach Preservation Committe Long	Aspirational	
Annually fund beach restoration and maintenance in the city's budget.	Community Enrichment Plan	Beach Preservation Beach Preservation Committe Short	Actionable	\$\$\$
Continue to explore ways to increase consistent revenue streams for beach renourishment.	Community Enrichment Plan	Beach Preservation Beach Preservation Committe Long	Maintenance	
Lobby SC legislators to take on greater fiscal responsibility for maintaining state's beaches, which they maintain jurisdiction over.	Community Enrichment Plan	Beach Preservation Beach Preservation Committe Long	Actionable	\$\$\$
Consider a policy to only use city funds in conjunction with granted property easements and funding from shared stakeholders – unless a disaster has been declared.	Community Enrichment Plan	Beach Preservation Beach Preservation Committe Short	Exploratory	
Pinpoint and generate more funding for the remaining major projects, including grant opportunities, to cover estimated costs (for drainage projects)	Community Enrichment Plan	Stormwater Management Public Services and Facilities (Long	Aspirational	
Put more projects in the pipeline, rather than 1-2 at a time (for drainage projects)	Community Enrichment Plan	Stormwater Management Public Services and Facilities (Medium	Actionable	
Work with Isle of Palms Water and Sewer Commission to aggressively pursue grant funding – possibly engaging a federal lobbyist – to support extension of public sewer system.	Community Enrichment Plan	Environmental Stewardsł General Administration Short	Actionable	
Encourage neighborhoods to work collaboratively to facilitate connection to the public system without grinder pumps.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Long	Actionable	
Routinely collect floodwater samples to pinpoint problems and help prioritize areas where individual onsite disposal systems should be replaced.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	\$\$\$
Explore funding to aid elderly and fixed income residents in connecting their residences to the public sewer system.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Exploratory	
Inspect septic systems upon transfer of ownership to create an inventory of existing systems, collect data on system failures and educate new owners.	Community Enrichment Plan	Environmental Stewardsł General Administration Long	Aspirational	
Work with energy provider to accelerate already requested projects.	Community Enrichment Plan	Quality of Life Public Services and Facilities (Long	Aspirational	
Develop master plan for converting all remaining areas to underground lines.	Community Enrichment Plan	Quality of Life Public Services and Facilities (Long	Actionable	\$\$\$
Consider location of at-risk palmettos – important to our community's identity & resiliency – and other significant native trees in setting priorities.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Exploratory	
Press energy provider to drop use-it-or-lose-it provision of its annual contributions to the non-standard service fund for Isle of Palms, which can help pay for underground projects but currently must be used w	ith Community Enrichment Plan	Quality of Life General Administration Long	Actionable	
Join the South Atlantic Salt Marsh Initiative (SASMI).	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Consult with groups like Charleston's M.A.R.S.H. project, Charleston Waterkeepers, Charleston Climate Coalition, South Carolina Aquarium, Barrier Island Eco Tours, Coastal Expeditions and Audubon Society	y. Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Aspirational	
Partner with neighboring coastal communities, especially Mount Pleasant & Sullivan's Island.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Aspirational	
With guidance from local experts, emphasize native plants and gardens at all city parks and properties.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Include in Request for Proposals (RFPs) for landscaping.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Target city properties at risk of flooding for adding examples of "rain gardens" and dry ponds.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Exploratory	\$\$\$
Encourage and provide incentives for residents, businesses, developers, Wild Dunes Resort and Homeowner Associations (HOA's) to increase native plants on residential and commercial properties.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Pursue grants to support re-wilding, rain gardens, salt marsh retreat in vulnerable residential areas.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Actionable	
Involve residents in planting and monitoring vegetation to help stabilize drainage ditches/canals.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Actionable	
Evaluate and modify the city's tree ordinances to elevate conservation of native tree species such as palmetto, live oak, pine and wax myrtle.	Community Enrichment Plan	Environmental Stewardsł Planning Commission Short	Exploratory	
Explore funding a city-wide tree survey to document all native trees on the island.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Medium	Actionable	\$\$
Recruit volunteer neighborhood captains for regular cleanups of non-commercial sections of beach and island's interior.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Create paid IOP Conservation Team to target litter in busy beach and commercial areas by adding seasonal, part time positions geared to students interested in eco/civic careers. (Isle of Palms Cleanup Crew	<u> </u>	Beach Preservation Beach Preservation Committe Short	Actionable	\$
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In addition to existing Front Beach setup, explore adding the following to high-traffic beach access paths, with placement closer to the street than dunes: •©leanup bucket tree				
•BNo Toys Left Behind" bin				
Bench for visitors to help them collect their things	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Exploratory	\$
Consider transitioning to a new system with stable, covered trash receptacles to prevent trash from turning into litter.	Community Enrichment Plan	Environmental Stewardsł Public Services and Facilities (Medium	Exploratory	\$\$
Adjust packaging ordinances to close loopholes and align with neighboring municipalities.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Partner with Chamber of Commerce and Isle of Palms Cleanup Crew on workshops for businesses on sustainability practices.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Consistent message on welcome signs to "Leave Only Footprints" and "See Beach Rules at www.iop.net ."	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Aspirational	
Signage at ALL public beach access points with No Smoking message + QR code or complete list of restrictions for beachgoers.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	\$\$
More local promotions with links/QR codes pointing to iop.net "Beach Rules" – including tie-ins with Beach Shuttle.	Community Enrichment Plan	Environmental Stewardsł Environmental Advisory Comn Short	Actionable	
Update the outdated 2013 Stantec Beach Visitor Parking Study.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Medium	Actionable	\$\$
Engage Charleston County for help with the increasing expenses of tourism resulting from population growth, increased demand for beach access, and the finite land mass of the island.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Actionable	
Lobby the state Legislature to assist coastal municipalities with the increasingly burdensome impacts of tourism.	Community Enrichment Plan	Seasonal Impacts (Traffic General Administration Short	Actionable	
Develop a plan for the city to acquire residential roads from the South Carolina Department of Transportation ("SCDOT").	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Medium	Actionable	
Determine the number of spaces and, where appropriate, formally add the following free spaces to the Parking Plan when the LCBMP is updated: • Public right of way adjacent to the IOP Post Office • 2				
Unregulated public right of way at IOP Recreation Center on Hartnett Boulevard between 28th and 29th Avenues • Designate a certain number of spaces for IOP Recreation Center use ensure adequate	•			-
for visitors and residents using the Recreation Center.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Medium	Actionable	\$\$
Hire a consultant to develop a plan which may include:•Adjusting parking footprint that optimizes both the number of spaces in the LCBMP and traffic flow				
•Registered/monitored parking along state highway - if feasible and supported by the community - which satisfies state law and does not add to the traffic or congestion issues in the neighborhoods				
•Bree beach parking in a city lot to encourage parking at Front Beach	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Medium	Actionable	\$\$
Revisit the Palm Boulevard streetscape proposal.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Exploratory	
Request SCDOT fulfill its commitment to replace the "temporary" concrete markers on the landward side of Palm Boulevard with aesthetically-pleasing, low-profile markers.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Actionable	
Clearly delineate the spaces on the Seaward side of Palm Boulevard.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Actionable	
Continue maintaining the 4' chalk parking line along Palm Boulevard each week, and ideally reapply after a significant rain event during high season.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Maintenance	
Continue supporting the SCDOT-approved Parking Plan, especially the residential parking zones.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Maintenance	
Provide real-time data on parking availability via parking registrations/payment	Community Enrichment Plan	Seasonal Impacts (Traffic General Administration Medium	Actionable	
Promote parking resources through Sunnie, Beach Reach app, and https://parkiop.org.	Community Enrichment Plan	Seasonal Impacts (Traffic General Administration Short	Actionable	
Continue to promote alternative means for driving to the beach: use of the Beach Shuttle from Mount Pleasant or cycling, for example.	Community Enrichment Plan	Seasonal Impacts (Traffic General Administration Short	Actionable	
Manage traffic on the Isle of Palms Connector during specific time periods within the course of the year with seasonal police personnel for traffic management.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Safety Committee Short	Actionable	
Investigate the possibility of re-striping the Isle of Palms Connector to accommodate:•Two lanes of traffic exiting the island				
•Dedicated Bike lane on one side				
•A pedestrian lane that is compliant with SCDOT standards; any additions to the bridge structure should preserve the views that exist today.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Long	Exploratory	
Ensure traffic lights at Palm and Rifle Range are timed correctly during high volume times/days.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Actionable	
Continue to build relationships with surrounding municipalities and state leaders to effectively manage parking and traffic challenges.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Maintenance	
Adjusting parking footprint that optimizes both the number of spaces in the LCBMP and traffic flow	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Long	Aspirational	\$\$\$
Registered/monitored parking along state highway - if feasible and supported by the community - which satisfies state law and does not add to the traffic or congestion issues in the neighborhoods	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Long	Aspirational	
Free beach parking in a city lot to encourage parking at Front Beach	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Long	Aspirational	\$\$5
Annual review of identified "opportunity areas."	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Actionable	
Continue working with a traffic engineer consultant to devise solutions to manage traffic efficiently, minimize congestion, and support funding and implementation of priority recommendations.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Actionable	\$\$
Ensure promoting of traffic resources through use of Sunnie, Beach Reach app, and https://parkiop.org.	Community Enrichment Plan	Seasonal Impacts (Traffic General Administration Short	Actionable	
Consider a "Text to Park" model.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Exploratory	
Utilize technology to monitor parking availability.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Actionable	
Communicate parking alternatives, such as the Beach Shuttle, when approaching full capacity.	Community Enrichment Plan	Seasonal Impacts (Traffic Public Services and Facilities (Short	Actionable	
Establish a parking webpage that offers interactive maps and clear information including, but not limited to, available parking lots and parking areas, number of spaces, prices (seasonal and regular, if a	•	Seasonal Impacts (Traffic Public Services and Facilities (Medium	Actionable	\$\$
Implement elevated tide and emergency operations.	Sea Level Rise Adaptation Plan	Stormwater Management Public Services and Facilities (Long	Actionable	\$\$3
Update zoning ordinances for redevelopment.	Sea Level Rise Adaptation Plan	Stormwater Management Planning Commission Medium	Actionable	- ++
Begin Development of Redevelopment Design Tool.	Sea Level Rise Adaptation Plan	Stormwater Management Planning Commission Medium	Actionable	
Begin Development of Nedevelopment Design Toot. Begin design and permitting of outfall improvements recommended as part of the Phase 4 Masterplan	Sea Level Rise Adaptation Plan	Stormwater Management Public Services and Facilities (Medium	Actionable	\$\$\$
nitiate Pilot Projects including: Living shorelines Bioswales and rain gardens.	Sea Level Rise Adaptation Plan	Stormwater Management Environmental Advisory Comn Medium	Actionable	ΨΨ
maace i neet i rejecte including. Living anoretines bioswates and rain gardens.	oca Level Dide Auguldiidii Eldii	Gramwater management invitorimental Advisory Commedium		
Continue dune and beach nourishment projects		Reach Preservation Reach Preservation Committee Short	Maintenance	ወ ወ
	Sea Level Rise Adaptation Plan	Beach Preservation Beach Preservation Committe Short	Maintenance	
Begin implementation of vegetated berms for perimeter protection.	Sea Level Rise Adaptation Plan Sea Level Rise Adaptation Plan	Stormwater Management Public Services and Facilities (Medium	Actionable	
Continue dune and beach nourishment projects. Begin implementation of vegetated berms for perimeter protection. Launch a pilot program for private Low Impact Development (LID) stormwater management. Develop a public education program on resilient strategies.	Sea Level Rise Adaptation Plan			\$\$\$ \$\$\$

Daviden a comprehensive moveh management plan	Cool aval Disc Adoptation Dlan	Environmental Stayer	dak Environmantal Advisony Con	nn Madium	Actionable	<u></u>
Develop a comprehensive marsh management plan. Candust a comprehensive water quality accessment.	Sea Level Rise Adaptation Plan		dsł Environmental Advisory Con		Actionable	\$\$ *
Conduct a comprehensive water quality assessment.	Sea Level Rise Adaptation Plan		dsł Environmental Advisory Con		Actionable	Ф
Update and enforce zoning ordinances	Sea Level Rise Adaptation Plan		ent Planning Commission	Medium	Actionable	ተ
Finalize outfall improvements recommended as part of the Phase 4 Masterplan.	Sea Level Rise Adaptation Plan		ent Public Services and Facilitie		Actionable	\$\$\$
Install tide gates as recommended. Regin installation of underground storage collutions.	Sea Level Rise Adaptation Plan		ent Public Services and Facilitie		Actionable	\$\$
Begin installation of underground storage solutions.	Sea Level Rise Adaptation Plan		ent Public Services and Facilitie		Actionable	\$\$\$
Transition high-risk properties from septic to sewer systems.	Sea Level Rise Adaptation Plan		dsł Environmental Advisory Con		Aspirational	ተ
Complete Waterway Boulevard enhancements.	Sea Level Rise Adaptation Plan		ent Public Services and Facilitie		Actionable	\$\$\$
Establish educational and volunteer programs to promote community involvement.	Sea Level Rise Adaptation Plan		ent Environmental Advisory Con		Actionable	ΦΦ.
Incorporate recommended improvements from the water quality assessment.	Sea Level Rise Adaptation Plan		dsł Environmental Advisory Con		Actionable	\$\$
Incorporate marsh management plan.	Sea Level Rise Adaptation Plan		dsł Environmental Advisory Con		Actionable	\$\$
Transition all at-risk properties from septic to sewer systems.	Sea Level Rise Adaptation Plan		dsł Environmental Advisory Con		Aspirational	***
Finish construction of all required perimeter protection.	Sea Level Rise Adaptation Plan		ent Public Services and Facilitie		Actionable	\$\$\$
Complete additional stormwater projects recommended as part of the Phase 4 Masterplan.	Sea Level Rise Adaptation Plan		ent Public Services and Facilitie		Actionable	\$\$\$
Purchase flood-prone property to preserve and or demonstrate conservation practices.	Sea Level Rise Adaptation Plan		ent Planning Commission	Long	Actionable	\$\$\$
The City should continue to monitor the Emergency Medical Services serving the island	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Exploratory	
Recreational opportunities for residents should be expanded or added, including additional safe walking or biking areas on the island	Comprehensive Plan	Public Safety	Public Safety Committee	Long	Actionable	\$\$\$
Support commercial development only within the parameters set by the existing zoning regulations and consistent with the City's established character as a residential community	Comprehensive Plan	Quality of Life	Planning Commission	Short	Aspirational	
While the needs of island residents should be paramount, efforts should be made to adjust the level of City services to meet the needs of seasonal visitors as well	Comprehensive Plan		ffic Public Services and Facilitie		Aspirational	
The City should continuously monitor and keep records of the effect of seasonal visitors on the quality of life of the permanent residents; this should include, but not be limited to the issues of parking, noise,	·		ffic Public Safety Committee	Short	Actionable	
Maintain policies and procedures to ensure that beaches, marshlands and marinas are protected and preserved.	Comprehensive Plan	Environmental Stewar	dsł Environmental Advisory Con	nn Short	Aspirational	
Encourage business development commensurate with the needs of the local community	Comprehensive Plan	Quality of Life	Planning Commission	Short	Aspirational	
Maintain and enhance an effective monitoring system to ensure beaches, marshlands and marinas are properly maintained	Comprehensive Plan	Beach Preservation	Beach Preservation Commit	te Short	Actionable	
Monitor the activity of the State Legislature to ensure an equitable formulation of accommodation tax revenue for island communities	Comprehensive Plan	Quality of Life	Accomodations Tax Advisory	y C Short	Actionable	
Investigate other sources of revenue that can be generated from daily visitors and longer term tourists	Comprehensive Plan	Quality of Life	Accomodations Tax Advisory	y C Short	Actionable	
Analyze revenue streams each year to ensure an appropriate balance is maintained	Comprehensive Plan	Quality of Life	Accomodations Tax Advisory		Actionable	
Initiate comprehensive study by an outside agency to determine economic impact of visitors on recreational facilities, City services and infrastructure	Comprehensive Plan	Seasonal Impacts (Tra	ffic Public Services and Facilitie	s (Medium	Actionable	\$\$
Personnel costs make up approximately three-quarters of the City's general fund expenditure budget. Continually scrutinize planned projects for additional long-term personnel costs that may be associated	wit Comprehensive Plan	General Administratio	n General Administration	Short	Maintenance	
Pursue improving the CRS rating when feasible	Comprehensive Plan	Stormwater Managem	ent Planning Commission	Medium	Actionable	
Monitor DHEC/OCRM testing of ocean waters impacting the island	Comprehensive Plan	Environmental Stewar	dsł Environmental Advisory Con	nn Short	Actionable	
Create a public awareness/education program aimed at protecting the sensitive ecosystem of a barrier island, to include protection of dunes and marshes and their vegetation, as well as the importance of rer	mo Comprehensive Plan	Environmental Stewar	dsł Environmental Advisory Con	nn Medium	Actionable	
Support efforts to minimize the impact of erosion throughout the island including beach nourishment projects, as the need arises	Comprehensive Plan	Beach Preservation	Beach Preservation Commit	te Short	Actionable	
Investigate the potential for establishing, or acquiring, City owned, undeveloped green spaces	Comprehensive Plan	Environmental Stewar	dsł Environmental Advisory Con	nn Long	Exploratory	\$\$\$
Pursue enforcement of ordinance(s) aimed at protecting loggerhead turtle nesting activities and sites	Comprehensive Plan	Environmental Stewar	dsł Environmental Advisory Con	nn Short	Exploratory	
Support other regulations that protect wildlife and vegetation	Comprehensive Plan	Environmental Stewar	dsł Environmental Advisory Con	nn Short	Aspirational	
Pursue development of ordinances, education and awareness programs to improve air quality, such as smoking regulations and support of public transportation.	Comprehensive Plan	Environmental Stewar	dsł Environmental Advisory Con	nn Short	Aspirational	
Continue efforts to seal the low areas of the back side of the island, including drainage systems, to reduce tidal intrusion into the highland of the island.	Comprehensive Plan	Stormwater Managem	ent Public Services and Facilitie	s (Short	Maintenance	
Support efforts to build berms along the back side of the island to keep abnormally high tides from entering the highland areas, including elevating the multiuse path adjacent to Waterway Boulevard.	Comprehensive Plan	Stormwater Managem	ent Public Services and Facilitie	s (Medium	Actionable	\$\$\$
Support OCRM in administering measures that protect marshes on the backside of the island.	Comprehensive Plan	Environmental Stewar	dsł Environmental Advisory Con	nn Short	Maintenance	
Support beach renourishment projects	Comprehensive Plan	Beach Preservation	Beach Preservation Commit	tte Long	Actionable	
Encourage private dune restoration projects	Comprehensive Plan	Beach Preservation	Beach Preservation Commit	te Short	Actionable	
Explore the possibility of establishing a commemorative exhibit online and/or in one of the City's buildings including the collection of historic photographs and documents compiled in 2003 for the City's 50PPt	thF Comprehensive Plan	Quality of Life	Planning Commission	Long	Exploratory	\$\$\$
Investigate the possibility of permanently marking sites of historical significance on the island and ensuring their preservation	Comprehensive Plan	Quality of Life	Planning Commission	Long	Exploratory	
The City should continue to work with County officials to ensure optimum EMS services on the island and maintain basic medical emergency services through the Fire Department	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Maintenance	
Develop and implement a method of distribution for the Disaster Preparedness Plan	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Actionable	
The City should meet periodically with the Water and Sewer Commission and strive for a "team approach" to addressing waste water and water issues that will arise in future years	Comprehensive Plan	Environmental Stewar	dsł Environmental Advisory Con	nn Short	Aspirational	
In conjunction with the Water and Sewer Commission, the City should take those steps appropriate to facilitate additional sewer service on the island	Comprehensive Plan	Environmental Stewar	dsł Environmental Advisory Con	nn Short	Aspirational	
Develop a plan to improve alternate modes of transportation on the island including bikeways and sidewalks with an emphasis on installing sidewalks and improving pedestrian safety	Comprehensive Plan	Public Safety	Public Safety Committee	Long	Actionable	
Inventory unimproved rights-of-way extending to the creeks or marsh for possible use as passive recreational sites not unlike the street ends in the Old Village of Mount Pleasant along the Harbor	Comprehensive Plan	Quality of Life	Public Services and Facilitie	s (Medium	Actionable	
Consider additional improvements to the Recreation Center to offer a wider spectrum of leisure activities for pre-school children to senior adults	Comprehensive Plan	Quality of Life	Public Services and Facilitie	s (Medium	Exploratory	
The City should continue to support tree-planting programs along streets and develop a long-term plan which prioritizes streets and identifies the types of trees to be used	Comprehensive Plan	Environmental Stewar	dsł Environmental Advisory Con	nn Short	Actionable	
Consider additional ways of reducing littering on the island	Comprehensive Plan		dsł Environmental Advisory Con		Exploratory	
Consider ways of restricting the construction of structures at the ends of docks working in conjunction with the OCRM and the U.S. Corps of Engineers	Comprehensive Plan	Environmental Stewar	dsł Planning Commission	Short	Exploratory	
Encourage new or replacement electrical distributing systems to be constructed underground	Comprehensive Plan	Quality of Life	Public Services and Facilitie	s (Long	Actionable	
	Comprehensive Plan	Quality of Life	Public Services and Facilitie		Actionable	
Seek funding sources to place electrical distributing systems underground	Comprehensive r tan	Quality of Life	r abite cervices and racitities	3 (Long	Actionable	

Consider funding options, including grants and NPDES fees to address drainage problems.	Comprehensive Plan	Stormwater Manageme	nt Public Services and Facilities	(Short	Exploratory	
The City should continue to work to remain in compliance with the National Pollution Discharge Elimination System Phase II as a small MS4 community	Comprehensive Plan	Stormwater Manageme	nt Public Services and Facilities	(Short	Maintenance	
Periodically review and update the Baseline Facilities Assessment of the Marina complex to ensure the conditions of the facilities are monitored for safety, physical condition, and utility	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Actionable	
Set aside funds for future year maintenance and capital improvements that will be required to protect and maximize the City's investment in all real properties	Comprehensive Plan	General Administration	General Administration	Short	Actionable	\$\$\$
Aggressively pursue grants or other external funding sources that will enhance the safety, environmental conditions, facilities, or other features of all real properties	Comprehensive Plan	General Administration	General Administration	Short	Actionable	
Develop plans for continuous maintenance/repair of various City buildings such as City Hall, the Public Safety building, Fire Station 2, the Recreation Center and the Public Works building	Comprehensive Plan	General Administration	General Administration	Long	Actionable	\$\$\$
Encourage imaginative proposals using City properties that will enhance revenues to the City	Comprehensive Plan	General Administration	General Administration	Long	Exploratory	
Constantly monitor compliance with existing lease terms to ensure revenues are consistent	Comprehensive Plan	General Administration	General Administration	Short	Actionable	
Continue to track construction trends including: the number of houses demolished each year and the number of square feet, bedrooms and bathrooms of new houses	Comprehensive Plan	General Administration	Planning Commission	Short	Actionable	
Continually assess ordinances which limit the size and width of houses and the amount of impervious surface on the island	Comprehensive Plan	Quality of Life	Planning Commission	Medium	Exploratory	
Amend the zoning ordinance to limit the density of development allowed on property not serviced by a public wastewater system	Comprehensive Plan	Quality of Life	Planning Commission	Medium	Actionable	
Educate the owners of septic systems in the proper maintenance and encourage owners to have their septic systems checked and serviced according to established standards	Comprehensive Plan	Environmental Stewards	sł Environmental Advisory Com	nn Short	Actionable	
Monitor the amount of impervious surface on residential lots. The City defines impervious material as any material through which water cannot penetrate, including buildings, roads, and parking lots	Comprehensive Plan	Quality of Life	Planning Commission	Medium	Actionable	
Make appropriate amendments to the zoning ordinance which reflect the goals and strategies of the Comprehensive Plan	Comprehensive Plan	Quality of Life	Planning Commission	Short	Exploratory	
Develop plans and policies which use public improvements to prevent or mitigate adverse impacts of commercial development upon residential properties	Comprehensive Plan	Quality of Life	Planning Commission	Long	Actionable	
Evaluate and continue to improve the drainage system to alleviate the problems in those areas that drain poorly	Comprehensive Plan	Stormwater Managemei	nt Public Services and Facilities	(Long	Actionable	\$\$\$
Include funding in the 2023-2024 budget to initiate a comprehensive traffic study for the island to improve traffic flow and reduce congestion. This study should done in close collaboration with the SCDOT staff	ft Comprehensive Plan	Public Safety	Public Safety Committee	Medium	Actionable	\$\$\$
Evaluate the lane configuration of the Isle of Palms Connector to identify more efficient and safer alternatives	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Actionable	
Evaluate the intersection of the Isle of Palms Connector and Palm Boulevard to determine in an alternative design and/or phasing could increase operational efficiency	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Actionable	
Evaluate the Charleston County Park and municipal parking lots traffic routing, payment, and ticketing to identify more efficient methods for ingress and egress	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Actionable	
Evaluate providing real-time beach parking space availability data to the public to improve efficiency for ingress and egress for beach visitors	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Actionable	
Continually assess stop sign locations on the island to determine proper and legal placement	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Actionable	
Ensure an adequate number of speed limit signs on all streets to encourage compliance and improve safety	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Actionable	
Develop a plan to improve alternate modes of transportation on the island including bikeways, golf carts and low speed vehicle facilities and sidewalks while improving pedestrian safety	Comprehensive Plan	Public Safety	Public Safety Committee	Medium	Actionable	
Encourage appropriate measures including signs, traffic restrictions and parking restrictions	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Actionable	
Encourage appropriate measures to collect accurate traffic counts including the installation of new hardware at the key points of ingress and egress of the island	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Actionable	
Identify problem areas and appropriate funding sources	Comprehensive Plan	Public Safety	Public Safety Committee	Short	Actionable	
Expand the system of bike lanes and walking paths	Comprehensive Plan	Public Safety	Public Safety Committee	Long	Actionable	\$\$\$

\$ (< \$50,000) \$\$ (\$50,000 - \$100,000) \$\$\$ (> \$100,000)

Short (< 1 year) Medium (1 - 5 years) Long (> 5 years)

Aspirational: long-term vision with no clear policy or action recommended Exploratory: policy or action to explore and consider further Actionable: clear policy or budgetary action that can be taken immediately Maintenance: upkeep of existing practices, policies, or activities

Welcome to Kiawah Island! We hope you enjoy your stay.

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You will be among many permanent residents during your stay. Please be a good neighbor.

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Ordinances are enforced and failure to comply may result in citations.

To report a violation, call 843-259-2137.



GET IN TOUCH

4475 Betsy Kerrison Parkway Kiawah Island, SC 29455 843-259-2137 www.kiawahisland.org



GOOD NEIGHBOR BROCHURE



PARKING

- Leave a 25 foot clearance to the rental property for emergency response vehicles.
- Parking on the grass or landscaped areas is prohibited.
 Overnight parking must be offstreet.
- Only park approved number of vehicles at rental properties.



STORAGE

- No clothing or towels are permitted to be draped over deck railing.
- Bicycles and beach gear must be stored in a garage or enclosure from dusk until dawn.



NOISE

Noise ordinance night-time hours in effect:

- Monday-Thursday from 8 p.m. to 8 a.m. to not exceed 60 decibels.
- Friday- Saturday from 10 p.m. to 8 a.m. to not exceed 60 decibels.
- Sunday from 8 p.m. to 8 a.m. to not exceed 55 decibels.

Daytime noise cannot exceed 70 decibels from Monday to Saturday; or 65 decibels on Sunday.



WILDLIFE

- Never feed, harass, or approach alligators and other wildlife such as dolphins; or sea turtles or shorebirds, hatchlings, or their nests.
- Never swim or allow pets to swim in the island ponds and stay away from pond edges. Alligators may be present.



BEACH

- No glass, metal shovels, plastic carry out bags, plastic straws, Styrofoam, balloons, or drones allowed. Please fill all sand holes.
- Stay off the dunes and use public walkovers.
- No wading/swimming in Captain Sam's Inlet (western end of the island).
- No overnight storage of beach equipment.
- Vehicles are not allowed on the beach.



OCCUPANCY

 Maximum occupancy for rental properties is two occupants per bedroom. Two additional occupants are allowed per dwelling unit.



FIRE & FIREWORKS

No open fires or fireworks (beach included).



LIGHTING

(May 15- October 31)

- Outdoor lighting, facing seaward in beach front units must be turned off from 9 p.m. to 8 a.m.
- Outdoor lighting for all other dwellings shall be turned off from 11 p.m. to 7 a.m. daily.



PETS

- Never allow pets to swim in any of the island ponds and keep them away from pond edges. Alligators may be present.
- Pets must be leashed at all times outside unless in an enclosed area.
 Please clean up after your pet.
- Pets are allowed on the beach year-round in designated areas.
 For more on year-round leash area and seasonal leash restrictions, visit www.kiawahisland.org/leash.



ELECTRIC

 Private motorcycles, mopeds, Segways, motorized scooters/ skateboards, hoverboards, and ebikes are prohibited (per KICA guidelines).