



Environmental Advisory Committee

4:00 p.m., Thursday, July 11, 2024

Council Chambers

1207 Palm Boulevard, Isle of Palms, SC 29451

Agenda

1. **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**
3. **Approval of previous meeting's minutes – June 13, 2024**
4. **Presentations**
5. **Old Business**
 - i. Wildlife
 - ii. Litter- discuss concept of beach trash receptacle pilot program
 - iii. Water Quality- update on water quality testing program
 - iv. Climate Action- update on Charleston County Climate Action Plan
6. **New Business-**
 - i. Discussion of which issues to include on website
 - ii. Update on EAC table at the upcoming IOP Farmers Market
 - iii. Discussion of installing compost liner dispensers at compost drop-off locations
7. **Miscellaneous Business**

Next meeting date: 4:00 p.m., Thursday, August 8, 2024
8. **Adjournment**



ENVIRONMENTAL ADVISORY COMMITTEE
4:00pm, Thursday, June 13, 2024
1207 Palm Boulevard, Isle of Palms, SC
and broadcasted live on YouTube: <https://www.youtube.com/user/cityofisleofpalms>

MINUTES

1. Call to order

Present: Sandra Brotherton, Mary Pringle, Todd Murphy, Laura Lovins, Lucia Spiotta, Belvin Olasov

Absent: Doug Hatler, Dane Buckout, Council Member Miars

Staff Present: Director Kerr, Zoning Administrator Simms

2. Citizen's Comments -- none

3. Approval of previous meeting's minutes

Dr. Brotherton noted a date needing to be amended on the last page.

MOTION: Mr. Murphy made a motion to approve the minutes of the May 9, 2024 meeting as amended, and Ms. Lovins seconded the motion. The motion passed unanimously.

4. Presentation – none

5. Old Business

A. Wildlife

Ms. Pringle said the native plant garden is doing well. The QR code for the garden is on display and works. She said the purple martin gourds are full. There are 25 turtle nests so far this season with over 3100 loggerhead eggs.

B. Litter

Dr. Brotherton noted a noticeable amount of large beach items littering the beach near the trashcans. Director Kerr said the contractor who emptied the yellow beach trashcans and picked up the large left behind items passed away recently, and his son is taking over the emptying of the trashcans. The previous contractor picked up the larger items even though it was not part of the contract. The City is working with the son to see if he can pick up the larger items.

Dr. Brotherton stated that she and Ms. Smith will need to visit the Harris Teeter management as it has changed recently and is unaware of the conversations they previously had about not purchasing low-quality body boards to sell in the store.

C. Water Quality

i. An update on potential water quality testing program

Discussion about the water quality testing program centered around the accuracy of the labor costs on the proposal. Director Kerr said City Council authorized the expenditure, but if the labor costs adjust the proposal more than \$10,000, it will need to go back to City Council for approval.

ii. Discussion of Folly Beach septic ordinance

Ms. Lovins stated that she met with Ryne Phillips of Seamon Whiteside about funding for sewer infrastructure. She would like to have a meeting with Mr. Phillips, Mayor Pounds, and Chris Jordan of the Water & Sewer Commission to discuss how to move forward with securing funding from the USDA Water & Waste Disposal Grant Program. Director Kerr said the Water & Sewer Commission is the entity responsible for the sewer infrastructure and the City cannot pursue grant funding on their behalf. She said she will continue these efforts offline.

D. Climate Action

i. Discussion of Charleston County Climate Action Plan

Mr. Olasov said Charleston County will vote on its Climate Action Plan at their July 23 meeting and would like to have the City Council pass a resolution in support of that. Mr. Murphy stated he has not had time to read through the lengthy document and would like more time to review it before voting on such a recommendation.

MOTION: Mr. Olasov made a motion to recommend to City Council the passage of a resolution in support of the Charleston County Climate Action Plan. Ms. Lovins seconded the motion. The motion passed unanimously except for Mr. Murphy who abstained from voting.

ii. Update on bill H.5118 regarding upcoming natural gas project

Mr. Olasov believes this bill as originally presented will not be moving forward.

6. New Business

A. Discussion of which issues to include on the website

Committee member discussed the many items that could be included on the City's website with regards to environmental efforts around the island as well as those initiatives championed by the Committee since its inception. Committee members are to share pictures and information in bullet point format they would like to see on the website at the next meeting. Dr. Brotherton will work with the PR Officer to create a draft of the webpage to bring back to the Committee for further discussion.

B. Discussion of EAC hosting a table at the upcoming IOP Farmers Market

Ms. Lovins said the Committee has secured a table (at no charge) at the IOP Farmers Market next week. She shared some general information about septic tank health she intends to have at the table. Mr. Olasov suggested having the home compost bins on the table as well. Ms. Pringle will provide information about shorebirds.

C. Discussion of installing compost liner dispensers at compost drop-off locations

Ms. Lovins shared the costs of compost liner dispensers and the dispenser with the Committee. Smart Recycling suggested having the dispenser at the compost drop-off locations so that participants can take a new liner for their bin upon disposing of the old one. Director Kerr said the cost of the bags and dispenser is not an issue, but the City does not have additional manpower to put those out and replace as needed. Ms. Lovins will ask Smart Recycling if that is something they can add to the scope of their work and if there are any additional costs.

6. Miscellaneous Business**7. Adjournment**

The next meeting of the Environmental Advisory Committee is scheduled for Thursday, July 11, 2024 at 4pm.

Ms. Pringle made a motion to adjourn, and Mr. Murphy seconded the motion. The meeting was adjourned at 5:25pm.

Respectfully submitted,

Nicole DeNeane
City Clerk



GEL Points of Contact

Date Issued 11-JUN-24
Quote No. GELP24-0785
Revision No. 0
Prepared for: Matt Simms
Company: City of Isle of Palms
Address IOP

Contact No. (843)534-1458
Contact E-mail: dhatler@iop.net

Project Manager
Jacob Crook
team.crook@gel.com
P: (843) 556-8171
F: (843) 766-1178
Ship to Address
GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Attention: Jacob Crook

Project Name or Scope of Work Reference:
Project Start Date and Duration:

IOP Baseline Water Quality Monitoring Plan
tbd

Project Specifications:

Required Certification: DHEC
Turnaround Time 15 Business Days 1633, 10 Business Days Chemistry
Data Package: Level II C of A with QC Summary, an EDD can be provided in one of GEL's standard formats.
Detection Limits: GEL's standard limits

Project Quote:

Analyte	Method	Matrix	Quantity	Unit Cost	Total Cost
Field pH	LIMS Data Entry	Stormwater	13	\$6.00	\$78.00
BOD5	SM 5210 B	Stormwater	13	\$25.50	\$331.50
Oil & Grease	EPA 1664B	Stormwater	13	\$76.50	\$994.50
TSS	SM 2540 D	Stormwater	13	\$15.30	\$198.90
Total Nitrogen	EPA 351.2/353.2/ Calculation	Stormwater	13	\$76.50	\$994.50
Total Phosphorus	EPA 365.4	Stormwater	13	\$35.70	\$464.10
TOC	SM 5310 B	Stormwater	13	\$30.60	\$397.80
PFAS	EPA 1633	Stormwater	13	\$459.00	\$5,967.00
Environmental Waste Management Fee			7% of the Total Analytical Invoiced Amount		\$565.58
Sample Collection by GEL Engineering, LLC (per Sampling Event)			1	\$1,613.70	\$1,613.70
				Analytical Total (minimum invoice)	\$11,605.58

Pricing Notes:

- Our unit pricing includes the delivery of all necessary sampling containers, preservatives, coolers, preprinted labels and Chain of Custody forms to your designated site location via ground service for the number of samples to be analyzed. A minimum of 5 business days notice is required for ground service. Any extra containers or supplies requested will be invoiced at our cost plus 15% and the shipping charges will be invoiced accordingly. Any sample kits requested to be prepared and shipped with less than 5 business days notice will be subject to \$100 per shipping container rush handling charge. Expedited shipping charges to the site and shipment of samples to GEL are the responsibility of the client.
- Data is delivered via email from a No-Reply account Data@gellaboratories.com or secure web access. An additional \$50 handling fee PLUS the actual cost for shipping will be charged for each hard copy report requested.
- When not specified in the Data Package definition in the table above, GEL can provide an electronic Level IV data package with raw data for an additional 1.05X multiplier in 5 additional business days via email when requested at sample receipt or on the chain of custody. An additional \$50 handling fee PLUS the actual cost for shipping will be charged for each hard copy report requested.
- GEL stores samples for a minimum of 30 days following the delivery of analytical data. Unless otherwise notified in writing at the time of sample receipt, GEL will approve all samples for disposal following this 30 day period. Additional sample retention past the 30 day time frame may be available for a fee starting at \$10 per container per month. This fee will be invoiced on a monthly basis for every month after the standard 30 day retention, and payment must be made upfront for each month of storage. Fees for large volume, non-standard matrices or cold storage will be negotiated on a case by case basis. Certain mixed wastes and TSCA regulated/licensed waste may be returned to the client for disposal following this 30 day storage period due to the high cost of laboratory disposal.
- Samples remain the property of the Client at all times. GEL will dispose of non-hazardous samples, sample extracts and digestates 30 days after the

report date unless prior written arrangement has been made with GEL to return the materials to the Client at the Client's expense. GEL reserves the right to return samples classified as mixed wastes to the Client at the Client's expense. Charges for disposal of non-routine or hazardous samples will be invoiced to the Client.

6. Rush sample analysis for the following multipliers can be provided with prior laboratory approval:

	<u>PFAS</u>	<u>Chemistry</u>
15 Business days	Standard	--
10 Business days	1.25x	Standard
5 Business days	1.50x	1.50x
4 Business days	2.00x	1.75x
3 Business days	2.25x	2.00x
2 Business days	2.50x	2.50x
1 Business day	3.00x	3.00x

(Note: Due to method constraints, not all parameters can be provided on an expedited basis)

7. Client requested QC including trip blanks, field blanks, field reagent blanks (FRBs), matrix spikes (MS), matrix spike duplicates (MSD), and field duplicates (DUP) will be billed at the applicable unit rate.

8. GEL will apply a \$500 minimum surcharge fee for samples that are received and require special work hour arrangements. Please note that this surcharge applies to sample group sizes of 1 to 10. There will be a \$50 per sample fee applied for samples in groups larger than 10. Please contact your project manager for scheduling and finalized costs.

a) samples are received on a weekend or company holiday or for samples received after 5:00 PM on Friday or after 5:00 PM on the day before a company holiday that require analytical prep or analysis due to holding time or requested rush TAT, or

b) based on the sample receipt date and holding time requirements, the sample requires set-up, a prep step, or final analysis on a weekend or company holiday.

9. GEL has established the guidelines below for the classification and handling of radiological samples. Individual unit costs provided in the Project Quote are based on samples not exceeding the Environmental Radioactive Category. If a sample exceeds the Environmental Radioactive category based on available shipping data or during sample receipt screening process, then the applicable RAD II and RAD III multipliers will be added. The physical form of a sample (eg. highly dispersible) or special isotopic materials may result in a sample being moved to an elevated category. GEL also reserves the right to refuse shipments due to license or handling restrictions. GEL requests that the best available sample activity data be submitted to your GEL Project Manager prior to the shipment of radioactive samples.

Radiological Category	Sample Criteria	Multiplier
Environmental Radioactive	< 0.1 uCi Alpha < 1.0 uCi Beta/Gamma (<200 uCi tritium) < 0.5 mR/hr	1.0X
RAD II	0.1 - 10.0 uCi Alpha (0.1 - 5.0 uCi transuranics) 1.0 - 100 uCi Beta/Gamma (>200 uCi tritium) 0.5 - 100 mR/hr	1.5X
RAD III	> 10.0 uCi Alpha (>5.0 uCi transuranics) > 100 uCi Beta/Gamma (>2.0 mCi tritium) > 100 mR/hr	2.0X

10. Unit prices include one EDD. Should a second EDD be requested, GEL will charge \$25/SDG for the additional deliverable.

11. GEL will assess a fee of \$25 per sample for samples received and placed on a hold status. If samples are later analyzed, the fee will be waived and only the analytical unit price will be charged. Samples that are taken off of the hold status with less than one half of the holding time remaining may be subject to a rush fee. GEL will maintain samples on hold for 30 calendar days. After this time frame, GEL will either dispose of samples or invoice for additional sample retention in accordance with Note 4.

12. GEL will charge 40% of the applicable unit price for samples that are requested to be prepped and placed on hold. Samples that are taken off of the hold status with less than one half of the holding time remaining may be subject to a rush fee.

13. Regardless of a prior acceptance, GEL may refuse or return samples at Client's expense if we determine that the samples present a risk to health, safety, the environment or that we are not authorized to accept them. If GEL does not accept a sample, the Client will immediately have it properly removed from GEL's facilities.

14. At the time a project quote is requested, the client shall identify all potential sample hazards including but not limited to chemical, biological and radioactive hazards so that applicable fees can be included in the project cost. The client will notify GEL prior to shipment of these samples to the laboratory and ensure that documentation of the known hazards accompanies the sample shipment. Sample hazard information is used by GEL for proper safety and disposal purposes. Shipping of samples shall be in accordance with Department of Transportation (DOT) regulations. Warnings should be affixed to the sample container as well as noted on the chain of custody. Should GEL identify sample hazards that were not provided by the client, we will contact the client concerning our findings, and fees will be assessed at that time for sample handling and disposal. If the Client requests that samples are analyzed undiluted or sends samples to GEL containing chemical, biological, radioactive or other hazards without providing appropriate notification, additional charges may be assessed, including but not limited to waste disposal fees and costs for instrumentation that must be replaced and/or repaired. GEL reserves the right to dilute samples as necessary so as not to damage instrumentation.

15. If samples are categorized as F-listed, U-listed, or are suspected to contain Asbestos Containing Materials (> 1.0%) or High Beryllium Content (> 0.1% or 1000 mg/kg), GEL will implement a multiplier of 2.0X. This multiplier will account for the unique handling requirements, increased safety supervision, and disposal expenses related to sample analysis. In cases where samples are known or suspected to contain these materials, GEL kindly requests that they be clearly marked on the Chain of Custody form, and that you reach out to your GEL Project Manager before sending the samples for analysis.

16. Concrete core preparation: GEL will charge \$150 per cut if the core is less than or equal to 2 inches in diameter and \$250 per cut if the diameter is greater than 2 inches. If an entire core needs to be crushed with no cuts, GEL will invoice \$150 for the core prep. Rad and TAT multipliers will be added as

greater than 2 inches. If an entire core needs to be crushed with fro cuts, GEL will invoice \$100 for the core prep. and any other materials will be added as applicable.

17. PFAS free water is available for \$20 per liter. 1,4-Dioxane free water is \$25 per liter. Shipping charges may apply if large volumes are required.

18. A fee of \$25 per invoice will be applied to relevant projects for the upload of invoices to external payment processing portals.

Technical Notes:

1. GEL will use our standard quality procedures as outlined in our QAP as no SOW exists at the time of quote.
2. Methods EPA 533 and 537.1 require a Field Reagent Blank (FRB). The use of a FRB is identified in the EPA method as one per sample set (same site at same time). The lab strongly suggests collection of this blank to verify the sample collection technique has not introduced any contamination. While not specifically listed in EPA 1633, GEL recommends FRBs for all PFAS methods.
3. For EPA 1633, GEL requests that the client provide two 500 mL containers for water and a 250 mL container for leachates in the event that dilution or re-extraction of the samples is necessary.
4. For EPA 1633, maintain all aqueous and solid samples protected from light and at or below 6 °C from the time of collection until shipped to the laboratory. Samples must be shipped with sufficient ice to maintain the sample temperature at or below 6 °C during transport for a period of at least 48 hours to allow for shipping delays. The laboratory must confirm that the sample temperature is at or below 6 °C upon receipt.

All work requires submission of a valid PO or signed acknowledgement of this quotation and is subject to GEL's Standard Terms & Conditions. For clients with approved credit, payment terms are net 30 days. GEL will honor the unit prices in this quote for 60 days from the quote date. Upon acceptance via delivery of a signed quote or PO/contract, unit prices are valid for one year or for the length of a specific project, whichever is less. For projects that are ongoing, GEL may increase the unit prices on a yearly basis after the first year.

ACCEPTED BY:  DATE: 6-27-24 PO # _____
Douglas Lantz



City of Isle of Palms, South Carolina

**RESOLUTION
2024.04**

**A RESOLUTION SUPPORTING THE ADOPTION OF THE CHARLESTON COUNTY
CLIMATE ACTION PLAN BY CHARLESTON COUNTY COUNCIL**

WHEREAS, the City of Isle of Palms recognizes that climate change significantly impacts the environment, economy, and health of the City; and

WHEREAS, Charleston County Council has established the Charleston County Resilience and Sustainability Advisory Committee (RSAC) which, through a collaborative process involving various stakeholders from the business, education, non-profit, and local government sectors, has prepared and presented a draft of the Charleston County Climate Action Plan (CAP), dated February 2024; and

WHEREAS, the CAP seeks to set greenhouse gas emissions reduction goals for 2035 and 2050 by creating and prioritizing emissions strategies based on reduction potential, feasibility, funding, co-benefits, and equity; and

WHEREAS, the City of Isle of Palms Environmental Advisory Committee has reviewed the CAP and has recommended that the Isle of Palms City Council support its adoption by Charleston County Council; and

WHEREAS, Isle of Palms City Council desires to show its support for the adoption of the CAP by Charleston County Council.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Councilmembers of the City of Isle of Palms, in Council assembled, hereby encourage Charleston County Council to approve and adopt the Charleston County Climate Action Plan.

PASSED AND APPROVED BY THE CITY COUNCIL FOR THE CITY OF ISLE OF PALMS,
SOUTH CAROLINA, ON THE 24TH DAY OF JUNE 2024.


Phillip Pounds, Mayor

ATTEST:

Nicole DeNeane, City Clerk





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The City of  Isle of Palms

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DOG RULES

DOGS MUST BE LEASHED AND WALKED. COMPLETE CONTROL. DOGS IN THE WATER.
APRIL 1 - SEPTEMBER 30
LEASH: 6:00 A.M. - 6:00 P.M.
WEEK HOURS: SEPTEMBER 15 - MARCH 31
6:00 P.M. - 6:00 P.M.
ALL VISITORS MUST HAVE LEASH IN HAND. HAVE THEIR OWN WASTE BAGS. LEASHING AND WALKING IS A REQUIREMENT.

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BEACH ACCESS

