COMMISSION

Lesley "Les" Miller, Jr., Chair Victor D. Crist, Vice Chair Ken Hagan Al Higginbotham Pat Kemp Sandra L. Murman Stacy White



Executive Director Janet L. Dougherty

General Counsel Richard Tschantz

September 27, 2018

Location 601 E. Kennedy Blvd., Tampa County Center, 2nd Floor

9:00 a.m.

Meeting time

- 1. CALL TO ORDER, PLEDGE OF ALLEGIANCE, and INVOCATION
- 2. CHANGES TO THE AGENDA
- 3. REMOVAL OF CONSENT ITEM FOR QUESTION, COMMENT, or SEPARATE VOTE
- 4. RECOGNITIONS
 - Richard Muga writer of the "Outdoor Sportsman" for La Gaceta
- **5. PUBLIC COMMENT** Each speaker is allowed 3 minutes unless the Commission directs differently.
- 6. APPROVAL OF CONSENT AGENDA

AGENDA ITEMS

| Α. | CONSENT AGENDA | |
|----|--|----|
| | 1. Approval of EPC Meeting Minutes – August 16, 2018 | 2 |
| | 2. Monthly Activity Report | 6 |
| | 3. FY2018 Pollution Recovery Fund Budget | |
| | 4. Legal Case Summary | |
| | 5. Amended Interlocal Agreement between EPC and City of Tampa for NPDES compliance | |
| В. | PUBLIC HEARING None | |
| c. | REGULAR AGENDA | |
| | 1. Red Tide Update | 24 |
| | 2. Annual Report by the Executive Director | |
| | 3. Executive Director's Evaluation Procedure | |
| | 4. Creation of Tampa Bay Regional Resiliency Coalition – informational report | |
| | 5. Executive Director's Report | |
| | | |

ADJOURN

Any person who might wish to appeal any decision made by the EPC regarding any matter considered at the forthcoming public hearing or meeting is hereby advised that they will need a record of the proceedings, and for such purpose they may need to ensure that a verbatim record of the proceedings is made which will include the testimony and evidence upon which such appeal is to be based.



AGENDA ITEM COVER SHEET

Agenda Item # A1

Date of EPC Meeting: September 27, 2018

Subject: Approval of August 16, 2018 EPC meeting minutes

Agenda Section: Consent Agenda

Division: Legal and Administrative Services Division

Recommendation: Approve the August 16, 2018 EPC meeting minutes.

Brief Summary: Staff requests the Commission approve the meeting minutes from the Commission

meeting held on August 16, 2018.

Financial Impact: No Financial Impact

List of Attachments: Draft copy of the August 16, 2018 EPC meeting minutes.

Background: None.

AUGUST 16, 2018 - ENVIRONMENTAL PROTECTION COMMISSION

The Environmental Protection Commission (EPC), Hillsborough County, Florida, met in Regular Meeting, scheduled for Thursday, August 16, 2018, at 9:00 a.m., in the Boardroom, Frederick B. Karl County Center, Tampa, Florida.

The following members were present: Vice Chairman Victor Crist and Commissioners Ken Hagan, Al Higginbotham, Pat Kemp, Sandra Murman, and Stacy White.

The following member was absent: Chairman Lesley Miller Jr.

- 1. CALL TO ORDER, PLEDGE OF ALLEGIANCE, AND INVOCATION
- Vice Chairman Crist called the meeting to order at 9:04 a.m. Commissioner White led in the pledge of allegiance to the flag and gave the invocation.
- 2 CHANGES TO THE AGENDA
- Ms. Janet Dougherty, EPC Executive Director, stated there were no changes to the agenda. Vice Chairman Crist called for a motion to accept the agenda.
- Commissioner White so moved, seconded by Commissioner Kemp, and carried six to zero. (Chairman Miller was absent.)
- 3. REMOVAL OF CONSENT ITEM FOR QUESTION, COMMENT, OR SEPARATE VOTE None.
- 4. RECOGNITIONS

"No Trash in Drains, Keep Your Water Clean" project by Girl Scout Rachel Roberts

Ms. Dougherty recognized Ms. Roberts for her volunteer work and environmental stewardship.

Presentation to Drs. Kim Haag, United States Geological Survey, and Aaron Brown, University of South Florida, of the Tampa Bay Regional Planning Council 26th Annual Future of the Region Awards - Natural Environment Award for EPC's Improving Compensatory Mitigation in the Tampa Bay Watershed Study

Ms. Dougherty presented the Future of the Region Award to Drs. Brown and Haag.

THURSDAY, AUGUST 16, 2018

Retirement of Ms. Linda Petruzzi, EPC Legal and Administrative Services Division

Ms. Dougherty displayed an image and gave the recognition.

Retirement of Mr. Michael Dix, EPC Air Management Division

Ms. Dougherty introduced Mr. Sterlin Woodard, EPC, who recognized Mr. Dix for his service.

Retirement of Mr. Michael McDaniel, EPC Waste Management Division

Ms. Dougherty and Mr. Ronald Cope, EPC, announced the retirement of Mr. McDaniel, who made appreciative remarks.

- 5. PUBLIC COMMENT None.
- 6. APPROVAL OF CONSENT AGENDA

AGENDA ITEMS

- A. CONSENT AGENDA
 - 1. Approval of EPC Meeting Minutes May 17, 2018
 - 2. Monthly Activity Report
 - 3. Fiscal Year 2018 Pollution Recovery Fund Budget
 - 4. Legal Case Summary
 - 5. Select Performance Measure Goals Quarterly Update
 - 6. Action Plans Quarterly Update

Vice Chairman Crist asked for a motion to approve the Consent Agenda.
Commissioner Murman so moved, seconded by Commissioner Kemp, and carried six to zero. (Chairman Miller was absent.)

- B. PUBLIC HEARING None.
- C. REGULAR AGENDA
 - 1. Three-Year Microsoft License Agreement Renewal

Ms. Dougherty deferred to EPC General Counsel Richard T. Tschantz, who presented the item and requested a motion to authorize Vice Chairman Crist

THURSDAY, AUGUST 16, 2018

to execute the contract. Commissioner Kemp so moved, seconded by Commissioner Murman, and carried six to zero. (Chairman Miller was absent.)

- 2. Red Tide Update
- Ms. Dougherty introduced Mr. Thomas Ash, EPC, who gave the presentation in background material. Commissioner White inquired if human activity could cause/exacerbate red tide and drew attention to potential economic/fisheries impacts. Commissioner Murman thanked Attorney Tschantz for providing informational resources, noted recent positive effects of red tide on tourism in Pinellas County, and followed up on reports of bacteria found at E. G. Simmons Regional Park. Commissioner Kemp asked about red tide growth over time and what the EPC could do to curtail the problem. Following remarks, Ms. Dougherty confirmed the scope of Florida Governor Rick Scott's emergency declaration.
 - Executive Director's Report

Ms. Dougherty touched on current events and presented the report in background material.

ADJOURN

▶ There being no further business, the meeting was adjourned at 10:16 a.m.

| | | | READ AND | APPROVED: | | |
|------|--------|----------|----------|-----------|----------|--|
| | | | | | CHAIRMAN | |
| ATTE | EST: | | | | | |
| PAT | FRANK, | CLERK | | | | |
| | | | <i>y</i> | | | |
| By: | | | | | | |
| | D | eputy Cl | erk | | | |
| ag | | | | | | |



AGENDA ITEM COVER SHEET

Agenda Item # A2

Date of EPC Meeting: September 27, 2018

Subject: Agency Monthly Activity Report

Agenda Section: Consent Agenda

Division: All five EPC Divisions

Recommendation: None. Informational report.

Brief Summary: The Agency-wide report represents the total number of select divisional activities that

were tracked within a specific month.

Financial Impact: No financial impact.

List of Attachments: Monthly report for August 2018

Background: Select data that is associated with the EPC's five core functions is tracked by each Division (i.e. outreach events, monitoring, compliance inspections, permits issued, etc.) Monthly activity tracking reports from each Division are tallied to generate one final Agency-wide report.

EPC STAFF ACTIVITIES - <u>AGENCY-WIDE</u> Monthly Activity Report FY18

| | | | FISCAL YEAR | |
|----|---|---------------|-------------|--|
| | | <u>August</u> | TO DATE | |
| Α. | Core Function: Citizen Support & Outreach | | | |
| 1 | Environmental Complaints Received | 134 | 1420 | |
| 2 | Number of Presentations/Outreach Events | 4 | 129 | |
| 3 | Citizen Support (walk-ins, file reviews, email/letter correspondence, etc.) | 406 | 4440 | |
| | | | | |
| В. | Core Function: Air & Water Monitoring | | | |
| 1 | Air Monitoring Data Completeness | | | |
| 1 | (Note: reflects previous month due to data acquisition delay) | 93.3% | N/A | |
| 2 | Water Quality Monitoring Data Completeness | | | |
| 2 | (Note: reflects previous month due to data acquisition delay) | 99.7% | N/A | |
| 3 | Number of Noise Monitoring Events | 2 | 24 | |
| | | | | |
| C. | Core Function: Environmental Permitting | | | |
| 1 | Permit/Authorization Applications Received | 169 | 1666 | |
| 2 | Applications In-house >180 days | 6 | N/A | |
| 3 | Permits/Authorizations Issued | 172 | 1687 | |
| 4 | Petroleum Cleanup Cases | 130 | 1005 | |
| | | | | |
| D. | Core Function: Compliance Assurance | | | |
| 1 | Compliance Inspections | 495 | 4310 | |
| 2 | Compliance Test Reviews (NOTE: Wetlands reviews included under D.1) | 133 | 1348 | |
| 3 | Compliance Assistance Letters Issued | 197 | 2754 | |
| 4 | Warning Notices Issued | 9 | 110 | |
| | | | | |
| Ε. | Core Function: Enforcement | | | |
| 1 | New Cases Initiated | 4 | 49 | |
| 2 | Active Cases | 29 | N/A | |
| 3 | Tracking Cases | 51 | N/A | |
| | | | | |



AGENDA ITEM COVER SHEET

Agenda Item # A3

Date of EPC Meeting: September 27, 2018

Subject: Pollution Recovery Fund Budget

Agenda Section: Consent Agenda

Division: Legal and Administrative Services Division

Recommendation: Informational Report Only

Brief Summary: The EPC staff provides a monthly summary of the funds allocated and available in the

Pollution Recovery Fund.

Financial Impact: No Financial Impact

List of Attachments: PRF Budget Spreadsheet

Background: The EPC staff provides a monthly summary of the funds allocated and available in the Pollution Recovery Fund (PRF). The PRF funds are generated by monetary judgments and civil settlements collected by the EPC staff. The funds are then allocated by the Commission for restoration, education, monitoring, the Artificial Reef Program, and other approved uses.

ENVIRONMENTAL PROTECTION COMMISSION OF HILLSBOROUGH COUNTY FY 18 POLLUTION RECOVERY FUND 10/1/2017 through 8/31/2018

| REVENUE | | | EXPENDITURES | | | RESERVES | | | N | ET PRF |
|-------------------|----|---------|-----------------|----|---------|-------------------|----|---------|----|---------|
| Beginning Balance | \$ | 711,583 | Artificial Reef | \$ | 33,339 | Minimum Balance | \$ | 120,000 | | |
| Interest | \$ | 4,558 | Open Projects | \$ | 446,363 | Est. FY 18 Budget | \$ | 33,339 | | |
| Deposits | \$ | 150,472 | | | | Asbestos Removal | \$ | 5,000 | | |
| Total | \$ | 866,613 | Total | \$ | 479,702 | Total | \$ | 158,339 | \$ | 228,572 |

| PROJE | Pro | ject Amount | Project Balance | | |
|---|-------------------------------|-------------|-----------------|----|---------|
| FY 16 Projects | | | | | |
| TBW McKay Bay South Oyster Reef | 10131.102063.582990.5370.1267 | \$ | 48,010 | \$ | 9,894 |
| USF Fecal Pollution in Tampa Bay | 10131.102063.581990.5370.1271 | \$ | 50,000 | \$ | 14,425 |
| | | \$ | 98,010 | \$ | 24,319 |
| FY 17 Projects | | | | | |
| Sun City Ctr Audubon Nature Trail Prop | 10131.102063.582990.5370.1279 | \$ | 20,000 | \$ | 4,050 |
| H.C. Conservation Bahia Bch Invasive | 10131.102063.581990.5370.1280 | \$ | 31,500 | \$ | 31,500 |
| FL Aquarium Watershed Invest | 10131.102063.582990.5370.1282 | \$ | 55,477 | \$ | 55,477 |
| | | \$ | 106,977 | \$ | 91,027 |
| FY18 Projects | | | | | |
| Ecosphere Restoration Ignacio Haya Park | 10131.102063.582990.5370.1292 | \$ | 47,000 | \$ | 23,381 |
| Audubon Florida Invasive Removal | 10131.102063.582990.5370.1293 | \$ | 50,000 | \$ | 50,000 |
| Keep T.B. Beautiful Trash Free Waters | 10131.102063.582990.5370.1296 | \$ | 20,000 | \$ | 20,000 |
| TBW MacDill AFB Living Shoreline | 10131.102063.582990.5370.1294 | \$ | 49,324 | \$ | 49,324 |
| UF Small Farms For Clean Water | 10131.102063.581990.5370.1295 | \$ | 15,750 | \$ | 15,750 |
| | | \$ | 182,074 | \$ | 158,455 |



AGENDA ITEM COVER SHEET

Agenda Item # A4

Date of EPC Meeting: September 27, 2018

Subject: Legal Case Summary update

Agenda Section: Consent Agenda

Division: Legal and Administrative Services Division

Recommendation: None. Informational update only.

Brief Summary: The EPC Legal Department provides an updated summary of its ongoing civil,

appellate and administrative matters.

Financial Impact: No financial impact anticipated. Informational update.

List of Attachments: Legal Case Summary

Background: In an effort to provide the Commission with timely information regarding legal challenges, the EPC staff provides this summary. The update serves not only to inform the Commission of current litigation but may also be used as a tool to check for any conflicts they may have in the event a legal matter is discussed by the Commission. The summary provides general details as to the status of the civil and administrative cases

EPC LEGAL DEPARTMENT SUMMARY REPORT OF LEGAL CASES

September 27, 2018

I. ADMINISTRATIVE CASES

Mosaic Fertilizer, LLC Variance Request [18-EPC-012]: On September 6, 2018, Mosaic Fertilizer, LLC filed a request for a variance to allow them to establish a wetland conservation easement in an alternate location. EPC filed a request for additional information. If the request is completed, a public hearing will be scheduled for the October 18, 2018 EPC meeting.

Spinnaker Cove Condominium Association, Inc. vs. EPC [18-EPC-011]: On September 5, 2018, Appellant Spinnaker Cove Condominium Association, Inc. filed a request for an extension of time to file an appeal to challenge the EPC's issuance of MWP #65659(R1). The extension was granted and the Appellant has until November 8, 2018 to file an appeal in this matter.

Seagate Development Group, LLC vs. EPC [18-EPC-010]: On July 31, 2018, Appellant Seagate Development Group, LLC filed a request for an extension of time to file an appeal challenging the EPC's denial of a proposed wetland impact (Review #65673). The extension was granted and the Appellant has until October 30, 2018 to file an appeal in this matter.

<u>Joseph Bedami vs. EPC</u> [18-EPC-008]: On June 2, 2018, Appellant Joseph Bedami filed a request for an extension of time to file an appeal challenging the EPC's issuance of a formal determination approving a wetland survey. The extension was granted and the Appellant had until August 10, 2018 to file an appeal in this matter. The Appellant filed a request for a second extension of time which was granted and the deadline to file an appeal in this matter is November 8, 2018.

The Village at Crosstown LLC vs. EPC [18-EPC-007]: On May 25, 2018, Appellant The Village at Crosstown LLC filed a request for an extension of time to file a notice of appeal to challenge an EPC wetland impact authorization (Review #63004) for a mixed use development. The extension was granted and the Appellant had until August 28, 2018 to file an appeal in this matter. No appeal was filed, the permit became final, and the case has been closed.

Stanley Sigismund and Carole Sigismund vs. Steven Heller and EPC [18-EPC-004]: On April 19, 2018, Appellants Stanley and Carole Sigismund filed a Notice of Appeal challenging the issuance of a modification to a Minor Work Permit [Review #63512(r1)] for a dock. The matter was transferred to a Hearing Officer to conduct an administrative hearing. On August 28, 2018, the Appellants withdrew their appeal, the Hearing Officer relinquished jurisdiction, the permit modification became final, and the case has been closed.

Ronald Buchbaum vs. Leo Caruso and EPC [17-EPC-011]: On December 5, 2017, Appellant Ronald Buchbaum filed a Notice of Appeal to challenge the issuance of Minor Work Permit #61541 (R1) for construction of a boatlift. The matter has been transferred a Hearing Officer to conduct an administrative hearing, as needed.

J.E. McLean, III and RaceTrac Petroleum, Inc. [12-EPC-014]: On October 24, 2012, the Appellants, RaceTrac Petroleum, Inc. and the property owner filed a request for an extension of time to file an Appeal challenging the Executive Director's denial for wetland impacts on the corner of Lumsden and Kings Avenue. The extension was granted and the Appellants filed an appeal in this matter on December 7, 2012. A Hearing Officer has been assigned and conducted a case management conference. This matter was placed in abeyance as the parties discussed options. A conceptual wetland impact approval letter was sent to the applicant on December 8, 2015 after a modification to the application was submitted. The Appellants have not filed a dismissal as they are waiting for final approval of the proposed project by Hillsborough County.

II. CIVIL CASES

Petrol Mart, Inc. [LEPC07-018]: On December 29, 2017 EPC filed a motion to reopen Civil Court Case #07-CA-012545 for the purpose of filing a motion for the appointment of a Receiver for the Defendant Petrol Mart, Inc. On January 26, 2018, the EPC filed a Motion for Appointment of a Receiver. On February 16, 2018 a Notice of Action in the matter was issued by the Clerk of Court for service of process by publication. The Court appointed a Receiver for the dissolved judgement debtor on April 17, 2018. The Receiver and the EPC are researching options to address the environmental conditions at the subject property. The plan is for the property to be conveyed to the city of Plant City who will conduct any assessment and remediation.

<u>David A. Stumbo</u> [17-EPC-013]: On October 19, 2017, the EPC authorized staff to take appropriate legal action against David A. Stumbo for failure to close unmaintained underground storage tanks. Daniel A. Stumbo owns real property located at 1102 East Laura Street, Plant City. The property includes four underground storage tanks of unknown capacity or type and which are currently in violation of the underground storage tank rules adopted in Chapter 1-12, Rules of the EPC. The EPC Legal Department filed a civil lawsuit and is attempting to serve the Defendant.

Mouhammed Z. Al-Samkari [17-EPC-012]: On October 19, 2017, the EPC authorized staff to take appropriate legal action against Mouhammed Z. Al-Samkari. Mr. Al-Samkari owns real property and operates a gasoline station known as Hope Food Store located at 4002 North 22nd Street in Tampa. The underground petroleum storage tank system is currently in violation of the storage tank rules adopted in Chapter 1-12, Rules of the EPC. The EPC Legal Department is preparing a civil lawsuit.

<u>Volkswagen AG, et al.</u> [16-EPC-002]: On March 24, 2016, the EPC filed a complaint against Volkswagen AG, et al. for activities that violate the EPC Enabling Act and the rules promulgated thereunder. On April 16, 2018, the EPC's complaint was dismissed. The EPC will appeal the order granting the motion to dismiss.

<u>Janet Layer</u> [15-EPC-009]: In December of 2015 the EPC Commission authorized staff to take appropriate legal action against Ms. Janet Layer for failure to comply with various wastewater regulations regarding her operation of the domestic wastewater treatment plant and disposal system at Little Manatee Isles Mobile Home Park in Ruskin. The EPC and the estate of Ms. Layer settled the matter via a Consent Final Judgment entered on September 5, 2018.

<u>U.S. Bankruptcy Court in re Jerry A. Lewis Adversary Proceeding</u> [15-EPC-007]: An Adversary Proceeding pertaining to the ongoing Chapter 13 Bankruptcy Case regarding Jerry A. Lewis (see EPC Case No. LEPC09-011) was entered on October 9, 2013, in the U.S. Bankruptcy Court Middle District of Florida. EPC is defendant in the matter and will seek to protect a monetary judgment awarded to us by the Circuit Court.

Thomas Jennings and Lorene Hall-Jennings [14-EPC-011]: On October 7, 2014, the EPC was served with a Declaratory Action challenging the validity of a conservation easement conveyed to the EPC on September 16, 1997. The EPC Legal Department has responded to the lawsuit with an Answer and Affirmative Defenses on October 27, 2014 and the case will move forward as appropriate. On October 12, 2015 the Plaintiff filed a Motion for Judgment on the Pleadings. The EPC responded to the Motion on October 21, 2015. The parties conducted a hearing on the Motion on November 14, 2016. On the January 4, 2017 the Judge denied the Plaintiff's motion and the case will continue. On December 11, 2017 the Plaintiff filed a Motion for Summary Judgment and the EPC responded on January 18, 2018 and the parties are waiting for a hearing to be set.

Boyce E. Slusmeyer [LEPC10-019]: On Sept 20, 2001, the EPC staff received authority to take legal action for failure to comply with an Executive Director's Citation and Order to Correct Violation for the failure to initiate a cleanup of a petroleum-contaminated property. The Court entered a Consent Final Judgment on March 13, 2003. The Defendant has failed to perform the appropriate remedial actions for petroleum contamination on the property. The EPC filed a lawsuit on October 7, 2010 seeking injunctive relief and recovery of costs and penalties. The property ownership is currently owned by a family member. The EPC staff were in negotiations

with the representative of the property owner regarding eligibility to utilize a state petroleum cleanup program to resolve the case. The eligibility was denied for the site and the EPC will take appropriate action.

<u>U.S. Bankruptcy Court in re Jerry A. Lewis</u> [LEPC09-011]: On May 1, 2009, the U.S. Bankruptcy Court Middle District of Florida filed a Notice of Chapter 13 Bankruptcy Case regarding Jerry A. Lewis. On May 26, 2009, the EPC filed a Proof of Claim with the Court. The EPC's basis for the claim is a recorded judgment lien awarded in Civil Court against Mr. Lewis concerning unauthorized disposal of solid waste. The EPC obtained an award of stipulated penalties from the state court. The site remains out of compliance with applicable EPC solid waste regulations and no liens have been paid. The bankruptcy case is ongoing.



AGENDA ITEM COVER SHEET

Agenda Item # A5

Date of EPC Meeting: September 27, 2018

Subject: Amended Interlocal Agreement between EPC and City of Tampa for NPDES compliance.

Agenda Section: Consent Agenda

Division: Water Management Division

Recommendation: EPC staff recommends that the Commission approve the Amended Interlocal Agreement and authorize the Chair to execute the agreement.

Brief Summary: The EPC and the City of Tampa have a long standing interlocal agreement for the EPC to provide assistance and data to support the City's compliance with its MS4 National Pollutant Discharge Elimination System permit. The EPC and City staff are requesting that the Commission enter into an Amended Interlocal Agreement that replaces the existing agreement. The amended agreement reflects changes in the information EPC will report annually to the City, will increase water quality monitoring stations, and will increase the dollar amount that the City will pay EPC for the information provided by EPC. The amended agreement has been signed by the Mayor of Tampa.

Financial Impact: No additional funds are required and the amount paid by the City of Tampa to EPC for the work performed will be adjusted from \$20,000 to \$95,000.

List of Attachments: Partially executed Amended Interlocal Agreement.

Background: The City of Tampa manages storm sewer discharges and the quality of surface and groundwater resources, and provides for the regulation and prevention of illicit discharges and connections to the City's stormwater system. The City is also required pursuant to its National Pollution Discharge Elimination Source (NPDES) permit from the Department of Environmental Protection to ensure that facilities in the City which connect to and discharge into the City stormwater system meet pollution standards. To assist in the City complying with these laws and permit, the City of Tampa and the Environmental Protection Commission of Hillsborough County (EPC) entered into an Interlocal Agreement dated November 18, 2005. The information provided by EPC includes data collected from the EPC's water quality monitoring program as well as the EPC Small Quantity Generator Program, stormwater pollution prevention opportunities identified by staff at the inspections, and environmental complaint investigations from the Wetlands, Waste and Water Management Divisions. The Interlocal Agreement has been extended over 13 years. The current proposal reflects changes in the information EPC will report annually to the City, will increase water quality monitoring stations, and will increase the City's funding to the EPC from \$20,000 to \$95,000 based on the increase number of water quality monitoring stations.

EPC staff requests the Commission approve the proposed Interlocal Agreement which rescinds the previous agreement and authorize the Chair to execute the agreement.

AMENDED INTERLOCAL AGREEMENT

Between the Environmental Protection Commission of Hillsborough County And The City of Tampa For MS4 NPDES Permit Monitoring Services

| THIS AMENDED INTERLO | OCAL AGREEME | NT, hereinafter referred to as the "Agreement," |
|-------------------------------|----------------------|---|
| made and entered into this | day of | , 2018, by and between the City of |
| Tampa ("City") and the Enviro | onmental Protection | Commission of Hillsborough County ("EPC"), |
| a local government agency. | This Agreement sh | all replace and supersede previous Interlocal |
| Agreements and any renewals | or amendments to the | ne Interlocal Agreement on this subject matter. |

WITNESSETH:

WHEREAS, it is the purpose and intent of this Agreement, the parties hereto, and Section 163.01, Florida Statutes, known and referred to as the Florida Interlocal Cooperation Act of 1969 ("Cooperation Act"), to permit and authorize the CITY and EPC to accomplish the most efficient use of their respective powers, resources, authority and capabilities by enabling them to cooperate on the basis of mutual advantage and thereby provide the services and efforts identified herein in the manner that will best utilize existing resources, powers and authority available to each of them; and,

WHEREAS, it is the purpose of the Cooperation Act to provide a means by which the CITY and EPC may exercise their respective powers, privileges and authority which they may have separately, but which pursuant to this Agreement and the Cooperation Act they may exercise collectively; and,

WHEREAS, the EPC is a local government environmental agency created by Special Act 84-446, Laws of Florida as amended, implements various environmental regulatory programs and conducts activities designed to prevent and minimize pollution; and

WHEREAS, EPC's activities include permitting of potential pollution sources in Hillsborough County, inspecting facilities, conducting tests to determine compliance with environmental regulations, enforcement, and providing information to facilities designed to assist in pollution prevention; and

WHEREAS, the City currently benefits from EPC's existing ambient water quality monitoring program, and receives assistance in the elimination of illicit discharges by EPC's sharing of data and information regarding complaint investigations with the City; and

WHEREAS, the EPC and the City have determined that it is in the best interest of both parties to have the EPC's enforcement powers supplement the City's enforcement powers where applicable; and

WHEREAS, EPC and the City agree that a contractual agreement evidencing the intention of the City and EPC to work together is desirable in order to fulfill their responsibilities with respect to the reduction of surface water pollution including, but not limited to, ambient water quality monitoring, and elimination of illicit connections.

NOW, THEREFORE, the City and EPC hereby agree as follows:

PART I

- 1. The EPC shall, as it has in the past, provide data to the City for purposes of tracking certain compliance efforts required by the City's MS4 NPDES permit. Specifically:
 - a) EPC shall provide the City information gathered during investigations of water pollution related complaints; and
 - b) EPC shall provide the City data from its collection and analysis of water samples collected throughout Tampa and Tampa Bay, providing background and incident specific information on water quality; and
 - c) EPC shall also specifically provide monthly TMDL ambient water quality monitoring services, including reports, for the City in accordance with the Scope of Work attached hereto as Exhibit 1; and
 - d) EPC Waste Management Division shall provide the City information from the Complaint and Warning Notice database pertaining to illicit discharges to the City's Municipal Separate Storm Sewer System; and
 - e) EPC's Waste Management Division shall provide the City information from its SQG Program, including, but not limited to the name and identity of facilities that EPC has routinely inspected.
- 2. EPC will notify recipients of enforcement notices within the jurisdiction of the City that they may also be the subject of independent enforcement actions by the City. EPC will provide the City with copies of all such notices.
- 3. All of the foregoing information shall be provided to the City on an as-needed basis with, at a minimum, an annual summary of each activity.

PART II

- 1. As consideration for EPC's coordination and implementation of activities relating to the City's NPDES compliance and enforcement, pollution prevention, and other services referenced in this Agreement, the City shall pay \$95,000 annually for a five-year period to defray the costs associated with these programs. The fee shall be paid each year on the annual date of the effective date of this Agreement.
- 2. The initial term of this Agreement shall be for a period of five (5) years and is thereafter automatically renewed in two-year increments corresponding to each County and City budgeting cycle.

- 3. At the conclusion of five years after execution of this Agreement, EPC and the City shall reevaluate the terms of the Agreement to ensure the needs of the City are being satisfactorily met and that EPC is being adequately compensated.
- 4. Either party may terminate its participation and responsibilities under the Agreement, without cause, upon 180 days' written notice to the other party.
- 5. Modifications to this Agreement may be presented at any time and if mutually agreed upon, the modifications shall be stated in writing and signed by both parties.

IN WITNESS WHEREOF, the parties' authorized officers have executed this Agreement on the date first above written.

| ATTEST | CITY OF TAMPA, FLORIDA |
|--------------------------|--|
| By. Shirley Foxy- Knowle | Bob Buckhorn, Mayor |
| | ENVIRONMENTAL PROTECTION COMMISSION OF HILLSBORUGH COUNTY |
| By: | By:Chairman EPC |
| | |

APPROVED AS TO FORM

Janice M. McLean Senior Assistant City Attorney **COMMISSION**Lesley "Les" Miller, Jr., Chair
Victor D. Crist, Vice-Chair

Ken Hagan Al Higginbotham Pat Kemp Sandra L. Murman Stacy White



EXECUTIVE DIRECTOR

Janet L. Dougherty

DIVISION DIRECTORS

Richard Tschantz, Esq. Andy Schipfer, P.E. Hooshang Boostani, P.E. Jerry Campbell, P.E. Sam Elrabi, P.E.

PROPOSAL TO CITY OF TAMPA PUBLIC WORKS STORMWATER DIVISION

MONTHLY TMDL AMBIENT WATER QUALITY MONITORING

SCOPE OF WORK

ENVIRONMENTAL PROTECTION COMMISSION OF HILLSBOROUGH COUNTY WATER MANAGEMENT DIVISION

Objective: Under this agreement The Environmental Protection Commission of Hillsborough County (EPC) will collect, process, and analyze surface water samples and the data results from 6 monthly water quality monitoring locations. The services provided are detailed below, the sample locations will be within WBID 1443E of the Lower Hillsborough River and its minor tributaries.

Sample Methods:

Sample Collection and Storage Procedures

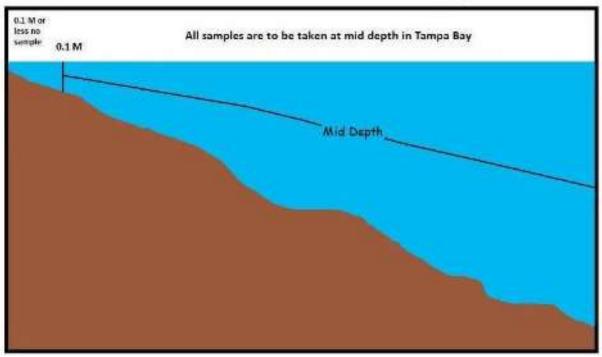
The EPC Lab provides the field staff with pre-cleaned sample bottles. All Tampa Bay water samples are collected at mid depth; except for the phytoplankton samples which are collected just below the surface. The Tributary and Minor Tributary water samples are collected at a depth of 0.5 meters, or mid-depth if the water column depth is less than 1 meter. No sampling is conducted if the water column depth is < 0.1m or no flow.

Most samples are collected as grab samples; WILDCO PVC & Acrylic Beta samplers (2.2 liter) are used. Some stations allow for direct grabs. The laboratory samples are collected and stored in wet ice within 15 minutes of collection and are transferred to an EPC Lab refrigerator when they are brought in from the field. Chain of Custody forms are filled out when the samples are relinquished.

Exhibit 1

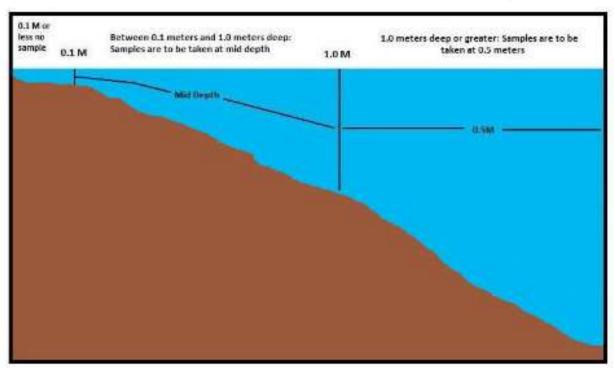
Tampa Bay water collection sample depth





Rivers, Tributaries, and Minor Tributary Water Sample collection depths





Monthly Stations

52 Tampa Bay stations are sampled and tested each month by boat over the course of 3 Runs. 70 Hillsborough County tributary stations are sampled and tested monthly by conducting 4 boat Runs and 4 truck Runs. Hydrolab Quanta transmitter and Quanta Display are the water quality monitoring instruments for in-situ measurements record temperature, dissolved oxygen, conductivity, pH, salinity and depth at the top, middle and bottom of the water column when >1m deep. A mid-depth reading is taken when the water column is <1m.

A General, Total Organic Carbon (TOC), pre-acidified nutrients, field filtered ortho phosphorous, and bacteria bottles are collected at each station. Plankton samples are collected at selected stations. Metals are collected quarterly at selected stations. General, field acidified nutrients, and field filtered ortho phosphorous Field Cleaned Equipment Blanks (FCEB's) are collected every sampling run when a grab sampler is used. If all stations on a Run are direct grabs then Field Blanks (FB) are collected instead. Metals FCEB's are collected quarterly for the 4A, 4B and 4C tributary sampling runs. Trip blanks are carried with every Run due to TOCs.

There are monthly Tributary Runs that have stations that are only surveyed. These are the stations that have no water samples collected as indicated in the Monitoring Schedule for Monthly Stations listed above. The Hydrolab® Quanta transmitter and Quanta display water quality monitoring instruments are used in-situ to measure and record temperature, dissolved oxygen, conductivity, pH, salinity and depth at the top, middle and bottom of the water column. Measurements are taken along the kilometers in the tributaries and in selected locations in the Apollo Beach / Big Bend Power Plant area.

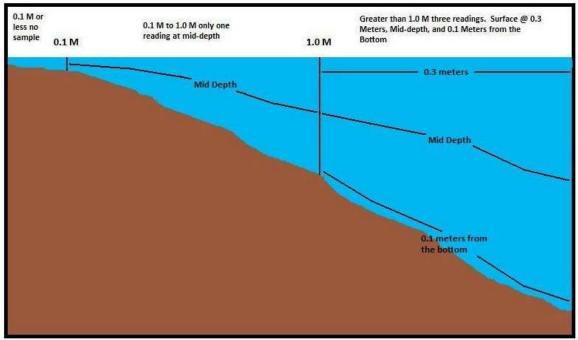
Monitoring Schedule for Monthly Stations

The following sampling schedule is used unless altered to accommodate equipment repairs, inclement weather, holidays, etc. The station total for ambient monitoring is listed 1st, number of stations with water samples collected are in parentheses.

| LOCATION | RUN | SCHEDULE | STATIONS |
|---|---------|-----------------------------------|-----------------|
| Old Tampa Bay | RUN I | 1st Mon. or Tue. of the Month | 18 (18) |
| Hillsborough Bay & Middle Tampa Bay | RUN II | 2nd Mon. or Tue. of the Month | 17 (17) |
| Middle & Lower Tampa Bay | RUN III | 3rd Mon. or Tue. of the Month | 17 (17) |
| NE Hillsborough County | RUN 4A | 3 rd week of the Month | 14 (14) |
| Central and SE Hillsborough County | RUN 4B | The same week as 4C & 4G | 10 (10) |
| Lake Thonotosassa Area and SW Hillsborough County | RUN 4C | The same week as 4B & 4G | 12 (12) |
| W Hillsborough County | RUN 4D | First Wednesday of the Month | 15 (15) |
| Hillsborough River below the Dam | RUN 4E | 2 nd week of the Month | 16 (6) |
| McKay Bay and Palm River | RUN 4F | 2 nd week of the Month | 8 (5) |
| Alafia River | RUN 4G | The same week as 4B & 4C | 15 (4) |
| Little Manatee River | RUN 4H | 3 rd week of the Month | 16 (4) |
| Big Bend survey | RUN 4I | Last week, no samples collected | 17 (0) |

Hydrolab Reading Sample Depth





Collecting Samples

If sampling from a bridge, by boat, or by wading, there are certain precautions that must be considered:

Collect samples upstream from the body when wading in to collect water samples.

Care should be taken not to disturb sediments when taking samples using any method.

Sampling at or near structures (dams, weirs, and bridges) may not provide representative data because of unnatural flow patterns. When possible, samples should be collected on the upstream side of these structures.

All of our tributaries are tidally influenced so we always sample from downstream to upstream for consistency since tides can shift during a Run. Sample collection equipment must be rinsed with sample water before the actual sample is taken. The beta samplers and buckets used during the water monitoring runs must be dunked and flushed 3x prior to sample collection at each sampling station.

Use of Protective Gloves

Gloves protect the sample collector from potential exposure to sample constituents and minimize accidental contamination of samples by the collector. The Monitoring and Analysis Section recommends the use of new, disposable, un-powdered latex gloves which should be changed & discarded after every sampling point. Although their use is not mandatory they are made available in a variety of sizes. If worn, do not let gloves come into contact with the sample, the interior of the container, or the inside of the container's lid.

Collecting Sample with the Sample Container

To sample with a rigid container, hold the bottle near the base and plunge neck downward, below the surface.

Turn container until the neck points slightly upward with the mouth directed toward the current. Fill to within about ½ inch of the top and recap immediately.

To sample with a whirlpak bag, open the bag by zipping off the top and pulling the white tabs to open the bag. Hold the bag in the hand and plunge neck downward and up in one sweeping arc.

Filling Sample Bottles

Obtain sufficient sample in the sample collection device to fill the sample bottles.

Remove the cap from the sample bottle without touching the interior of the cap.

Do not allow the sampling equipment or hands to touch the rim of the sample container.

Carefully pour sample into the container without resting the sampling device on the rim of the sample container. Fill all bottles to the shoulder except TOCs, fill completely. Quickly place the cap over the bottle and tighten securely.

Nutrient and Metal Bottles

The nutrient containers are pre-preserved with concentrated acid, so the sample must be poured into the container slowly to prevent the acid from splattering. Tightly cap the sample container and invert several times to distribute the acid. The metal containers are acidified after the collection process and once the bottles are relinquished to the laboratory.

Bacteria Bottles

The glass bacteria sampling bottles have been sterilized and special care must be taken to avoid contamination. The sampling bottles must be kept unopened until the moment that the sample is collected. Do not rinse the sample bottles before collecting sample. Be careful not to put fingers into the mouth of the container or on the interior of the cap. Intermediate sampling devices shall be thoroughly rinsed with sample water 3x prior to collecting the sample. Quickly place the cap over the bottle and tighten securely.

Field Services:

Ambient water quality monitoring and sample collection at 6 stations designated by the City of Tampa to be sampled on a monthly basis:

| Water temperature |
|------------------------|
| рН |
| Specific conductance |
| Dissolved Oxygen |
| Salinity |
| Water clarity (Secchi) |

Laboratory Services:

Processing and analysis of the following water quality parameters at 6 stations designated by the City of Tampa to be collected on a monthly basis:

| Enterococci |
|--------------------------------------|
| E. Coli |
| Chlorophyll a,b,c,t |
| Chlorophyll corrected |
| Color |
| Fluoride |
| Sulfates |
| Turbidity NTU |
| TOC (liquid) |
| Chloride (for freshwater sites only) |
| Ammonia |
| Kjeldahl Nitrogen |
| Nitrates/Nitrites |
| Total Nitrogen |
| Ortho Phosphates |
| Total Phosphorous |
| Metals |

Data Processing & Analysis:

The staff of the EPC will provide annual data processing and analysis services that include:

| 1 - Annual summary of the data provided in October of each year |
|---|
| Technical assistance with the COT's Monitoring Plan every 4 years |

<u>Data</u>

The accurate, and scientific water quality data generated from these surveys provides information for development review decisions, revision and enforcement of regulations, standard effluent limitation plans, and other such programs as established through the Federal Water Pollution Control Act of 1972 (Clean Water Act). Data is transmitted to the Florida Department of Environmental Protection (FDEP) and to the Federal WIN Water Quality System for inclusion in their data banks. It is also widely distributed to other government agencies, academia, the local scientific community and the general public.

Deliverables: The EPC will provide the City of Tampa with a completed dataset of all analysis results from September 2018 through August 2023 sampling period. EPC anticipates delivery of the monthly dataset 6 weeks after the collection date.

The total cost for monthly field sampling, laboratory services, data processing, and data analysis as described above at these six stations within WBID 1443E totals \$75,000 per year.



AGENDA ITEM COVER SHEET

Agenda Item # C1

Date of EPC Meeting: September 27, 2018

Subject: Red Tide Update

Agenda Section: Regular Agenda

Division: Water Management Division

Recommendation: Informational Report

Brief Summary: Staff will provide a brief overview of the current status of Red Tide on the West Coast

of Florida and Recent Impacts on Tampa Bay and waters of Hillsborough County.

Financial Impact: No Financial Impacts

List of Attachments: None

Background: Scientists and residents along Florida's Southwest coastline are carefully monitoring the progress of a large red tide event stretching from Collier County to the Tampa Bay area. Staff will provide a brief overview of the current status of Red Tide on the West Coast of Florida and Recent Impacts on Tampa Bay and waters of Hillsborough County.



AGENDA ITEM COVER SHEET

Agenda Item # C2

Date of EPC Meeting: September 27, 2018

Subject: Executive Director's 2018 Annual Agency Report

Agenda Section: Regular Agenda

Division: Executive Director Report

Recommendation: Receive report and provide guidance as necessary

Brief Summary: The Executive Director will be delivering a report in the form of a presentation. This presentation will cover the state of the environment in 2018 and highlight some of the staff's activities. The theme of this year's report is "A Year of Service" which highlights the Agency's stakeholder engagement and outreach to the community. The presentation will also include air and water quality data, as well as activities reflective of the Agency's core functions.

Financial Impact: No Financial Impact

List of Attachments: None.

Background: This annual report is provided to update the Commission on environmental conditions within the County as it relates to air and water quality. Significant events will be mentioned and some trends detailed. This report is typically delivered each Fall and repeated at various speaking engagements throughout the rest of the year.



AGENDA ITEM COVER SHEET

Agenda Item # C3

Date of EPC Meeting: September 27, 2018

Subject: Executive Director's Evaluation Procedure

Agenda Section: Regular Agenda

Division: Legal and Administrative Services Division

Recommendation: Receive Evaluation Forms

Brief Summary: Executive Director evaluation forms will be distributed during the EPC Commission meeting. These forms have been used in the past to evaluate the performance of the EPC Executive Director. In the near future, Ms. Dougherty will be scheduling appointments with each Commissioner to discuss the accomplishments of the agency and present appropriate data to assist the Commissioners in objectively measuring her performance. Please complete the evaluation forms and return them to Commissioner Miller's office by October 12, 2018. The results will be compiled and presented during the next EPC Commission meeting, currently scheduled for October 18, 2018.

Financial Impact: No Financial Impact

List of Attachments: Assessment Ranking Criteria Sheet; Assessment Sheet

Background The Executive Director is evaluated once a year generally following the Agency's Annual Report. In order to assist the Commissioners in their evaluation, each will receive a copy of the Commission approved performance goals for 2018 indicating how the Agency is doing. These were set at the past December meeting and are updated quarterly as part of the agenda backup. Also for the Commission's consideration, the Executive Director provides a self-evaluation and a brief listing of EPC milestones.

PERFORMANCE EVALUATION

Janet Dougherty, Executive Director Environmental Protection Commission of Hillsborough County

October 18, 2018

ASSESSMENT RANKING CRITERIA

Ranking: Behaviors & Accomplishments

HIGHEST

- **5** Behaviors/Accomplishments are outstanding and as such are obvious to others in County government and to members of the Community.
- 4 Behaviors/Accomplishments are excellent and recognized as more than just competent in that expectations are exceeded in the area of responsibility.
- 3 Behaviors/Accomplishments are good in that expectations are consistently met for the areas of responsibility.
- 2 Behaviors/Accomplishments are adequate but fall below expectations for the area of responsibility.
- 1 Behaviors/Accomplishments are below an acceptable level of expectations for the area of responsibility.

LOWEST

JANET DOUGHERTY EXECUTIVE DIRECTOR, ENVIRONMENTAL PROTECTION COMMISSION 2018 ASSESSMENT

| | BEHAVIORS | | | | | | | | | |
|------------|---------------|----------------|-----------------------------|--------------------------|-----------------------------|--------------------|----------------------------|--|--|--|
| Leadership | Communication | Responsiveness | Respect & Fair Treatment | Quality of Staff Work | Service to the Community | Problem Solving | Management of Organization | | | |
| | | | | | | | | | | |

| ACCOMPLISHMENT OF GOALS | | | | | | | | |
|--------------------------|----------------------|--------------------------|----------------|-------------|--|--|--|--|
| Environmental Protection | Successful / Engaged | Customer/Partner Focused | Fiscal | Continuous | | | | |
| Excellence | Workforce | Excellence | Responsibility | Improvement | | | | |
| | | | | | | | | |
| | | | | | | | | |

| PERFORMANCE MEASURES ON CORE FUNCTIONS | | | | | | | | |
|---|---|------------------------------------|----------------------|------------------------------------|--------------------|--|--|--|
| Timely Delegated State Permit Processing | Timely Port Authority Permit Processing | Timely Local EPC Permit Processing | Timely Compliance | Timely Complaint Investigations | Timely Enforcement | | | |
| | | | | | | | | |

| Commissioner: | |
|----------------------|--|
| | |
| Comments: | |



AGENDA ITEM COVER SHEET

Agenda Item # C4

Date of EPC Meeting: September 27, 2018

Subject: Creation of the Tampa Bay Regional Resiliency Coalition

Agenda Section: Regular Agenda

Division: Air Management Division

Recommendation: Informational report only

Brief Summary: On September 20, 2018, the Tampa Bay Regional Planning Council staff presented to the BOCC the concept of creating a Tampa Bay Regional Resiliency Coalition in the Tampa Bay area. They asked the BOCC to approve a Memorandum of Understanding to join the coalition. The BOCC moved to have the EPC staff review the MOU prior to the BOCC taking any action.

Financial Impact: No Financial Impact

List of Attachments: Draft MOU for the Tampa Bay Regional Resiliency Coalition

Background: At the Hillsborough County Board of County Commissioners (BOCC) meeting dated September 20, 2018, the Tampa Bay Regional Planning Council (TBRPC) staff presented the concept of creating a Tampa Bay Regional Resiliency Coalition in the Bay area to take a regional approach to address sea level rise issues. The TBRPC staff asked the BOCC to approve a Memorandum of Understanding (MOU) to join the coalition. The BOCC moved to have the EPC staff review the MOU and report back at the EPC Commission meeting on September 27, 2018, prior to the BOCC taking any action. EPC staff will review the MOU and will consult with County staff to analyze the intent of the MOU. It should be noted that Section 7 of the MOU states in part, "by joining this Coalition the Coalition Members do not hereby commit local resources or staffing and acknowledge that the governing body of each Coalition Member retains that power and authority."



Memorandum of Understanding Creating the Tampa Bay Regional Resiliency Coalition

WHEREAS, the Tampa Bay Regional Resiliency Coalition has been formed to coordinate climate adaptation and mitigation activities across county lines, to advance local and regional responses to and preparations for economic and social disruption projected to result from sea-level rise, and to provide state and local agencies with access to technical assistance and support in addressing the effects of climate change; and

WHEREAS, the Counties of Citrus, Hernando, Pasco, Pinellas, Hillsborough, Manatee and Sarasota of the Tampa Bay region and the municipalities within (the "Coalition Members"), are a unique and extraordinary area, sharing a sense of community, economy, and critically important environmental resources; and

WHEREAS, the Tampa Bay region has some of Florida's most remarkable beaches, rivers, estuaries and springs which are closely coupled to the region's cultural heritage; and

WHEREAS, the Tampa Bay region has approximately 4 million residents, which represents approximately 19% of Florida's population, and is projected to exceed 5 million residents by 2040; and

WHEREAS, the Tampa Bay region has a Gross Domestic Product of more than \$2.5\$ billion annually, more than 37% of statewide economic output; and

WHEREAS, the resiliency of the Tampa Bay region's economic, environmental and social health relies on crucial coastal transportation infrastructure, including: seaports, rail systems, roads, and airports; and

WHEREAS, the Tampa Bay region is vulnerable to the impacts of a changing climate, including: sea-level rise, rainfall, heat events, wildfires, droughts, flooding and storms, which threaten current community priorities, human wellbeing and natural resources; and

WHEREAS, rising sea levels, intense rainfall and other climatic stresses will compromise crucial drainage infrastructure and drinking water supplies (through saltwater intrusion into rivers and the aquifer); and

WHEREAS, extreme weather events can impact the lives of residents, damage property and disrupt businesses; and

WHEREAS, natural areas including forests, beaches with dunes, wetlands, mangroves, and oyster reefs can provide valuable flood risk reduction and water quality benefits and may be compromised by changing climate conditions; and

WHEREAS, climate resiliency is the planning for and implementation of activities to reduce the Tampa Bay region's vulnerability to a changing climate, and is amongst the most consequential actions the Tampa Bay region could pursue; and

WHEREAS, the Coalition Members are committed to being resilient to a changing climate, and will consider adaptation and risk reduction strategies intended to ensure public safety and safeguard infrastructure, property, environmental assets, and basic quality of life for current residents and future generations; and

WHEREAS, many of the activities undertaken to enhance resiliency to a changing climate will be concurrent with existing local efforts and objectives addressing aging infrastructure, emergency management, and public health; and

WHEREAS, while counties and cities in the Tampa Bay region have independently identified and undertaken activities to address vulnerabilities, a collaborative commitment working together to build the region's resiliency will best serve the Tampa Bay region; and

WHEREAS, proactively preparing for a changing climate will be less costly and enhance the major sectors of the regional economy, maintaining and growing manufacturing, health care, tourism, agriculture and other economic segments; and

WHEREAS, measures to mitigate hazard risks provide a significant return on investment because resilient communities and regions support a thriving economy and create opportunities to attract new businesses and economic investments; and

WHEREAS, local governments play a critical role in fostering social equity in the face of climate related challenges, including the potential for community displacement; and

WHEREAS, the Coalition Members have joined in formation of the Tampa Bay Regional Resiliency Coalition to coordinate their efforts and enhance their abilities to prepare, adapt and mitigate for the effects of sealevel rise and climate change in their individual communities and throughout the entire Tampa Bay region.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARDS OF THE COALITION MEMBERS THAT:

SECTION 1. Findings --The findings set forth above are adopted and set forth as the reasons and statement of purpose for the formation of the Tampa Bay Regional Resiliency Coalition.

SECTION 2. Regional Cooperation – The Coalition Members shall work together to maximize their efforts to mitigate and adapt to the effects of sea-level rise by: identifying vulnerabilities to the effects of

climate change in their communities; identifying common vulnerability assessment methodologies; planning for mitigation and adaptation actions that will enhance the resiliency of their communities; learning from each other and their prior efforts and planning documents; leveraging their resources; and pursuing public private partnerships.

SECTION 3 Regional Resiliency Action Plan -- The Coalition Members shall develop a Regional Resiliency Action Plan which shall include strategies for coordinated regional preparation for and adaption to a rapidly changing global environment based on mapping of projected sea-level rise and resulting amplification of localized impacts of hurricanes and tropical storms, and which shall identify funding strategies at the local, state and federal levels for mitigation and adaptation actions to deal with those impacts.

SECTION 4. Science Based Decisions -- It is essential that the Coalition Members base their strategies and actions on sound science and technical data, and for this reason they shall work together to identify experts for guidance and shall use the regional recognized sea-level rise projections as produced by the Tampa Bay Climate Science Advisory Panel to assess sea-level rise vulnerability, inform planning efforts, and provide guidance on what sea-level rise projections should be incorporated into local planning efforts.

SECTION 5. Legislative Strategy -- The Coalition Members shall develop a legislative strategy which includes a joint position statement recognizing the vulnerabilities of the Tampa Bay region to the impacts of sea-level rise and includes recommendations for the allocation of state and federal resources, which may include designation of the Tampa Bay region as uniquely vulnerable for the purpose of securing enhanced levels of federal participation and funding in regional adaptation and mitigation programs.

SECTION 6. Community Involvement – Recognizing the importance of involvement in these regional, cooperative efforts by all members of the community, the Coalition Members shall engage and involve local businesses, organizations, associations and individuals in developing policies and recommendations which will have the support and commitment of community members and organizations, which is essential for successful implementation.

SECTION 7. Intent -- The Coalition Members each join the Tampa Bay Regional Resiliency Coalition as an expression of their intent and commitment to work together on a regional level to identify and address the effects of sea-level rise, but by joining this Coalition the Coalition Members do not hereby commit local resources or staffing and acknowledge that the governing body of each Coalition Member retains that power and authority.

| SECTION 8. | This Memorandum of Understanding shall take effect on | |
|------------|---|--|
|------------|---|--|