

**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

This First Amendment ("First Amendment") to the Memorandum of Understanding Regarding Collaborative Study and Subsequent Development of an Integrated Solid Waste and Recycling System ("MOU") is made and entered into by and among Broward County, Florida ("County"), a political subdivision of the State of Florida, and those municipalities located within Broward County that approve and execute this First Amendment (individually, each executing municipality is a "Study Participant," and those municipalities are, collectively, the "Study Participants"), for the purpose of jointly funding a regional solid waste generation study ("Study") to inform the creation of a coordinated, cost-effective, environmentally sustainable system by which to dispose of solid waste and recyclable material.

**RECITALS**

A. In late 2019, County and the Participating Municipalities established a Solid Waste Working Group ("SWWG"), a group of elected municipal officials chosen from among the elected officials of the municipalities in Broward County and a County Commissioner, by entering into the MOU.

B. County and Study Participants each recognize that there are significant short-term and long-term benefits of regional management of solid waste disposal and recyclables processing, including environmental benefits and potential cost savings, and are committed to working toward establishing an integrated and comprehensive regional solid waste management system.

C. The goal of the SWWG is to work cooperatively, diligently, and in good faith to recommend strategies and solutions to establish a regional solid waste management system based on shared principles and commitments, including a mutually agreed governance structure and sufficient independence to achieve regional solid waste disposal and recycling goals.

D. The Study is intended to provide the SWWG with information concerning the amount and composition of solid waste and recyclables countywide. Future studies may be necessary to analyze environmental impacts or to develop plans for new facilities or capital improvements.

E. Under Section 8 of the MOU, County and the Participating Municipalities (1) agreed to jointly undertake the continued study and analysis of critical solid waste issues and recycling programs; (2) directed the SWWG to develop a detailed and comprehensive scope of such continued study and analysis and authorized the SWWG to retain and interact with any appropriate consultants and/or attorneys during the course of the continued study to ensure

that balance and independence are maintained throughout; and (3) agreed to make the respective financial contributions necessary for the continued study and analysis. If every Participating Municipality does not execute this First Amendment, then only County and the Study Participants shall be parties to it. In such event, the County and Study Participants have agreed that this First Amendment shall have the force of a separate agreement that incorporates the understandings of the MOU.

F. By action of the Broward County Board of County Commissioners on June 15, 2021, County has agreed to contribute financially up to fifty percent (50%) of the total cost of the Study, with the remainder to be paid by Study Participants.

G. County and Study Participants desire to enter into this First Amendment to the MOU to further the SWWG's goals by contributing funds to procure the Study, which will provide the SWWG with information critical to the process of establishing a regional solid waste management system. This First Amendment only affects the obligations of County and Study Participants to each other and shall not amend the MOU in any other respect.

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, County and Study Participants agree as follows:

#### **ARTICLE 1. EXHIBITS**

<b>Exhibit A</b>	<b>Proposed Study Scope of Services</b>
<b>Exhibit B</b>	<b>Estimated Study Budget and Study Participant Contributions</b>

#### **ARTICLE 2. AMENDMENT EFFECTIVE DATE; AUTOMATIC TERMINATION**

2.1 Amendment Effective Date. The effective date of this First Amendment ("Amendment Effective Date") shall be the date it is fully executed by County and by Study Participants representing at least a combined ninety percent (90%) of the total population of Broward County, Florida (the "Required Population"), based on the University of Florida Bureau of Economic and Business Research's most recent population estimates.

2.2 Automatic Termination. If by February 11, 2022, ("Automatic Termination Date"), County and Study Participants meeting or exceeding the Required Population as set forth in Section 2.1 have not executed this First Amendment and provided payment as set forth in Sections 3.2 and 3.3, this First Amendment shall be void and of no effect on County and any Study Participants that had executed the First Amendment prior to the Automatic Termination Date, and any payments made by Study Participants that had executed the First Amendment prior to the Automatic Termination Date shall be returned to the paying Study Participant.

**ARTICLE 3. FINANCIAL OBLIGATIONS OF THE PARTIES; TIME OF PERFORMANCE;  
ADDITIONAL STUDY PARTICIPANTS**

3.1. Study Cost. The total final cost of the Study invoiced by Vendor (defined below) to County is hereinafter referred to as the "Study Cost." The Study Cost shall not exceed one million dollars (\$1,000,000). The Study shall be conducted in phases. At the completion of each phase of the Study, a portion of the Study Cost will be invoiced by Vendor to County.

3.2. Division of Study Cost. County shall pay an amount equal to fifty percent (50%) of the Study Cost. The Study Participants (both those who are parties to this First Amendment as of the Amendment Effective Date and those who may become Study Participants after such date) shall collectively pay an amount equal to fifty percent (50%) of the total Study Cost (the "Municipal Share"). The division of the Study Cost between County and Study Participants on a fifty-fifty (50/50) basis shall remain in place notwithstanding any discrepancy between the estimate shown on Exhibit B and the Study Cost. If the estimate shown on Exhibit B is different than the Study Cost, the County's share and each Study Participant's portion of the Municipal Share will be adjusted on a pro-rata basis using the method described in Section 3.3 of this First Amendment, with the County's share and the Municipal Share each remaining fifty percent (50%) of the total Study Cost.

3.3. Municipal Share Calculation. Each Study Participant's portion of the Municipal Share shall be calculated by dividing the Study Participant's population by the total population of the Study Participants no later than thirty (30) days after the Amendment Effective Date ("Municipal Reconciliation Date"). For example, if a Study Participant's population is equal to five percent (5%) of the total population of all Study Participants, such Study Participant would be responsible for contributing five percent (5%) of the Municipal Share. All percentages shall be rounded to the nearest hundredth of a decimal point (e.g., 4.944% shall be rounded to 4.95%) with any shortfall paid by the Study Participant with the largest population. The population of the unincorporated areas of Broward County shall not be included when calculating total population under this section and no contribution to the Municipal Share shall be required on behalf of the unincorporated areas. The parties acknowledge that Exhibit B is demonstrative of the application of the formula in this Section 3.3 and the actual payment responsibilities for the Study Participants shall be calculated based upon the formula in this Section 3.3.

3.4. Time of Performance. Each Study Participant shall issue payment to County for its portion of the Municipal Share contemporaneous with its delivery to County of the executed First Amendment, as set forth in Section 2.2. Study Participants shall issue payment in the amount that would be owed if Study Participants representing a combined ninety percent (90%) of the total population of Broward County, Florida, executed this First Amendment. If Study Participants representing more than a combined ninety percent (90%) of the total population of Broward County, Florida, execute this First Amendment, County shall issue a reimbursement of each Study Participant's respective overpayment of the Municipal Share, on a pro-rata basis, after the Municipal Reconciliation Date.

3.5. Additional Study Participants. Any Broward County municipality may become a Study Participant by signing this First Amendment, and the MOU, and issuing payment to County within thirty (30) calendar days after entering into this First Amendment for an amount as calculated pursuant to Section 3.3 herein, which shall be used to reimburse all other Study Participants, on a pro-rata basis, their respective overpayments of the Municipal Share.

3.6. Extension. The SWWG shall have the authority, by majority vote, to extend the Automatic Termination Date set forth in Section 2.2 beyond February 11, 2022. Study Participants hereby acknowledge that any such extension may significantly delay initiation of the Study, and delivery of the resulting report, by Vendor.

#### **ARTICLE 4. OTHER OBLIGATIONS OF THE PARTIES**

4.1. Vendor Selection Process. County shall conduct a search for a qualified vendor to perform the Study and select the vendor ("Vendor"). The County shall enter into a binding agreement with Vendor and act as the contract administrator in connection with the agreement for the Study ("Study Contract").

4.2. Cooperation of the Study Participants with Vendor. Each Study Participant shall provide Vendor with the following information: (1) point of contact within Study Participant's municipal government, (2) list of haulers contracting with Study Participant, and (3) contact information for Study Participant's haulers. Study Participants shall encourage their haulers to comply with Vendor's information requests on an expedited basis.

4.3. No Obligation to Advance or Reimburse Other Parties. County shall not be obligated to advance, reimburse, or otherwise pay any portion of the Municipal Share and Study Participants shall not be obligated to advance, reimburse, or otherwise pay any portion of the County Share.

#### **ARTICLE 5. SCOPE OF THE STUDY**

5.1. The Study shall conform to industry best practices for solid waste generation reporting and other such topics as County's contract administrator of the Study Contract deems appropriate. As of the Amendment Effective Date, the proposed scope of the Study ("Study Scope") is attached as Exhibit A to this First Amendment.

5.2. Exhibit A was created with input from the SWWG's Technical Advisory Committee ("TAC"). Each Study Participant executing this First Amendment acknowledges that it had ample opportunity to review and provide feedback on the Study Scope prior to the retention of Vendor through its representative on the TAC.

5.3. Study Participants acknowledge and understand that the final scope of the Study as contained in the Study Contract may be modified based on negotiations with Vendor, as conducted by a negotiation team consisting of representatives from County, SWWG, and TAC. Notwithstanding the foregoing, the Study Scope shall not be modified in a manner that will



increase the cost to an amount more than the Study Cost. Any changes to the Study Scope will be made with the input of the negotiation team's County, SWWG, and TAC representatives.

## **ARTICLE 6. MISCELLANEOUS**

6.1. Recitals. The above Recitals are true and correct and are incorporated herein by reference. All capitalized terms not expressly defined within this First Amendment shall retain the meaning ascribed to such terms in the MOU.

6.2. Conflict. In the event of any conflict or ambiguity between this First Amendment and the MOU, County and Study Participants agree that this First Amendment shall control. The MOU, as amended herein by this First Amendment, incorporates and includes all prior negotiations, correspondence, conversations, agreements, and understandings applicable to the matters contained herein, and County and Study Participants agree that there are no commitments, agreements, or understandings concerning the subject matter hereof that are not contained in the MOU as amended in this First Amendment. Accordingly, County and Study Participants agree that no deviation from the terms hereof shall be predicated upon any prior representations or agreements, whether oral or written.

6.3. Joint Preparation. Preparation of this First Amendment has been a joint effort of County and Study Participants and the resulting document shall not, solely as a matter of judicial construction, be construed more severely against one of the parties to this First Amendment than any other.


6.4. Counterparts and Multiple Originals. This First Amendment may be executed in multiple originals, and may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same instrument.

(The remainder of this page is intentionally left blank.)

IN WITNESS WHEREOF, the Parties hereto have made and executed this First Amendment: BROWARD COUNTY, through its BOARD OF COUNTY COMMISSIONERS, signing by and through its County Administrator authorized to execute same by Board action on the 25th day of January 2022, and Study Participants, signing by and through officers duly authorized to execute same.

BROWARD COUNTY

WITNESS:

  
(Signature)

TAMARA BRANNON

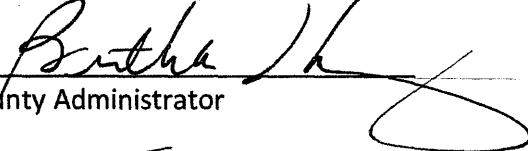
(Print Name of Witness)

  
(Signature)

ANDRÉ MORRELL

(Print Name of Witness)


BROWARD COUNTY, by and through  
its County Administrator

By   
County Administrator

11<sup>th</sup> day of February, 2022

Approved as to form by  
Andrew J. Meyers  
Broward County Attorney  
Governmental Center, Suite 423  
115 South Andrews Avenue  
Fort Lauderdale, Florida 33301  
Telephone: (954) 357-7600

By  02/10/22  
Nathaniel A. Klitsberg (Date)  
Senior Assistant County Attorney

Matthew  
By  Digitally signed by Matthew  
Haber  
Date: 2022.02.10 09:07:29  
-05'00'  
Matthew Haber (Date)  
Assistant County Attorney



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STUDY PARTICIPANT

WITNESS:

Danielle Nowak

Danielle Nowak

Print or type name

STUDY PARTICIPANT

City of Coconut Creek

Rebecca A. Tooley  
Rebecca A. Tooley, Mayor

27<sup>th</sup> day of January, 2022

WITNESS:

Jaqueline Batres

Jaqueline Batres

Print or type name

Karen M. Brooks  
Karen M. Brooks, City Manager

ATTEST:

APPROVED AS TO FORM BY:

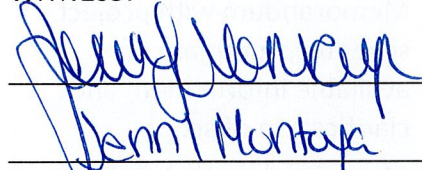
  
Marianne Bowers  
Marianne Bowers, Interim City Clerk

Terrill C. Pyburn  
Terrill C. Pyburn, City Attorney

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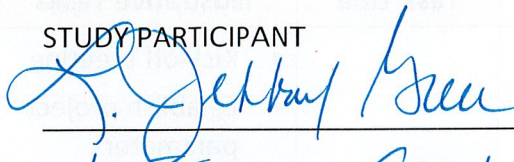
STUDY PARTICIPANT

WITNESS:

  
\_\_\_\_\_

Print or type name

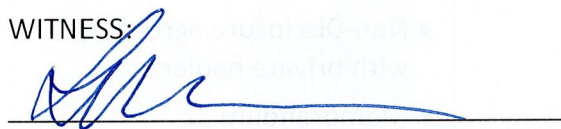
STUDY PARTICIPANT

  
\_\_\_\_\_

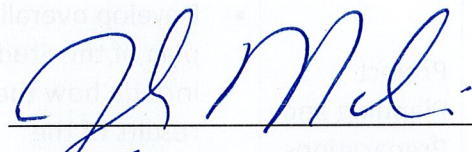
Mayor (Print or type name)

8 day of February, 2022

WITNESS:

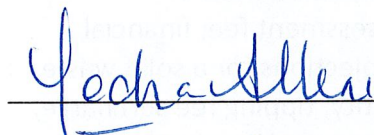
  
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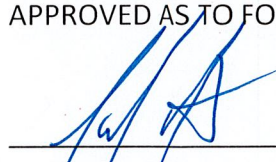
City Manager (Print or type name)

ATTEST:

  
\_\_\_\_\_

City Clerk (Print or type name)

APPROVED AS TO FORM BY:


  
\_\_\_\_\_

City Attorney (Print or type name)

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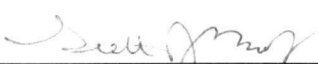
STUDY PARTICIPANT

WITNESS:

  
\_\_\_\_\_  
Debra Thomas

Print or type name

STUDY PARTICIPANT

  
\_\_\_\_\_  
Scott Brook


Mayor (Print or type name)

2<sup>nd</sup> day of February, 2022

WITNESS:

\_\_\_\_\_  
\_\_\_\_\_

Print or type name

  
\_\_\_\_\_  
Robert Curran

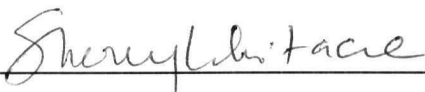
City Manager (Print or type name)

ATTEST:

  
\_\_\_\_\_  
Debra Thomas

City Clerk (Print or type name)

APPROVED AS TO FORM BY:

  
\_\_\_\_\_  
Sherry Whitacre


City Attorney (Print or type name)

By Senior Deputy City Attorney

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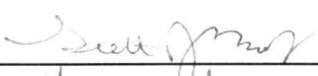
STUDY PARTICIPANT

WITNESS:

  
\_\_\_\_\_  
Debra Thomas

Print or type name

STUDY PARTICIPANT

  
\_\_\_\_\_  
Scott Brook


Mayor (Print or type name)

2<sup>nd</sup> day of February, 2022

WITNESS:


\_\_\_\_\_  
\_\_\_\_\_

Print or type name

  
\_\_\_\_\_  
Robert Curran

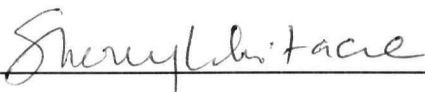
City Manager (Print or type name)

ATTEST:

  
\_\_\_\_\_  
Debra Thomas

City Clerk (Print or type name)

APPROVED AS TO FORM BY:

  
\_\_\_\_\_  
Sherry Whitacre

City Attorney (Print or type name)

By Senior Deputy City Attorney



**FIRST AMENDMENT  
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**STUDY PARTICIPANT**

WITNESS:

**Erika Clayton**

Digitally signed by Erika Clayton  
DN: cn=Erika Clayton, ou=City Clerk, o=City of Dania Beach,  
email=eclayton@daniabeachfl.gov, title=Specialist, Records,  
2.5.4.20=(954) 924-6800 ext. 3, c=USA  
Date: 2022.01.27 08:47:18 -05'00'

Erika Clayton

Print or type name

STUDY PARTICIPANT

CITY OF DANIA BEACH

**Tamara James**

Digitally signed by Tamara James  
DN: cn=Tamara James, o=City of Dania Beach,  
ou=Mayor, email=tamarajames@daniabeachfl.gov,  
c=US  
Date: 2022.01.27 08:28:48 -05'00'

Tamara James, Mayor

27 day of January, 2022



WITNESS:

**Chris Lottier**

Digitally signed by Chris Lottier  
DN: cn=Chris Lottier,  
email=clottier@daniabeachfl.gov, c=USA  
Date: 2022.01.27 08:59:25 -05'00'

Chris Lottier

Print or type name

**Ana. M.  
Garcia**

Digitally signed by Ana. M. Garcia  
DN: cn=Ana. M. Garcia, o=City of  
Dania Beach, ou=City Manager,  
email=agarcia@daniabeachfl.gov,  
c=US  
Date: 2022.01.27 08:00:18 -05'00'

Ana M. Garcia, ICMA-CM, City Manager

ATTEST:

**Thomas  
Schneider**

Digitally signed by Thomas  
Schneider  
DN: cn=Thomas Schneider, o=City of  
Dania Beach, ou=City Clerk,  
email=tschneider@daniabeachfl.gov,  
c=US  
Date: 2022.01.27 08:31:02 -05'00'

Thomas Schneider, CMC, City Clerk

APPROVED AS TO FORM BY:

**Eve A. Boutsis**

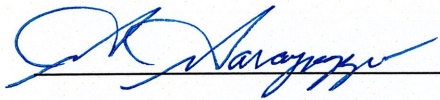
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Beach, ou=Legal Department,  
email=eboutsis@daniabeachfl.gov, c=US  
Date: 2022.01.26 15:04:20 -05'00'

Eve A. Boutsis, City Attorney

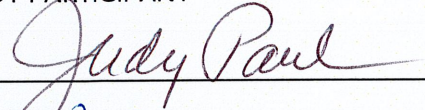
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STUDY PARTICIPANT

WITNESS:

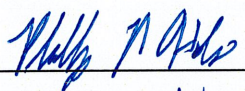
  
\_\_\_\_\_  
Grace Garagozio  
Print or type name

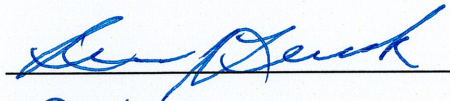
STUDY PARTICIPANT

  
\_\_\_\_\_  
Judy Paul  
Mayor (Print or type name)

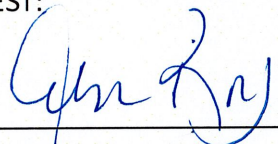
2<sup>nd</sup> day of February, 2022

WITNESS:

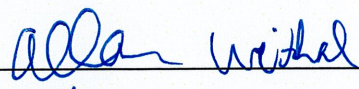
  
\_\_\_\_\_  
Phillip A Holste  
Print or type name

  
\_\_\_\_\_  
Richard J. Conrock  
City Manager (Print or type name)

ATTEST:

  
\_\_\_\_\_  
Evelyn Roig  
City Clerk (Print or type name)

APPROVED AS TO FORM BY:

  
\_\_\_\_\_  
Allan Weithal  
City Attorney (Print or type name)

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**STUDY PARTICIPANT**

WITNESS:

Kitchfield  
Kasey Litchfield  
Print or type name

CITY OF DEERFIELD BEACH

Ganz  
Bill Ganz  
Mayor (Print or type name)

1<sup>st</sup> day of February, 2022

WITNESS:

JBH  
Tracy Berthen  
Print or type name

David Santucci  
David Santucci  
City Manager (Print or type name)

ATTEST:

Samantha Gillyard  
for Samantha Gillyard  
City Clerk (Print or type name)


APPROVED AS TO FORM BY:

Anthony Soroka  
Anthony Soroka  
City Attorney (Print or type name)

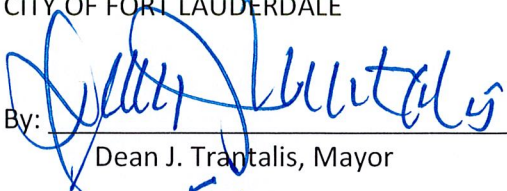
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STUDY PARTICIPANT


WITNESS:

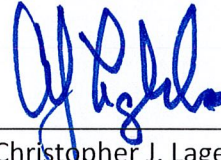
  
Scott Wyman  
Print or type name

CITY OF FORT LAUDERDALE


By:   
Dean J. Trantalis, Mayor  
9 day of February, 2012

WITNESS:

  
Donna Larisco  
Print or type name

By:   
Christopher J. Lagerbloom, ICMA-CM  
City Manager

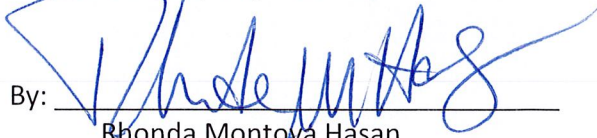
ATTEST:

By:   
David R. Soloman, City Clerk



APPROVED AS TO LEGAL FORM:

Alain E. Boileau, City Attorney

By:   
Rhonda Montoya Hasan  
Assistant City Attorney

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**STUDY PARTICIPANT**

City of Hallandale Beach

WITNESS:

*Chris Talmadge*

Chris Talmadge (Feb 10, 2022 16:47 EST)

Chris Talmadge

Print or type name

STUDY PARTICIPANT

*Joy F. Cooper*

Mayor Joy Cooper (Feb 10, 2022 16:39 EST)

Joy F. Cooper

Mayor (Print or type name)

10<sup>th</sup> day of February, 2022

WITNESS:

*Demetris Pearson*

Demetris Pearson (Feb 10, 2022 16:46 EST)

Demetris Pearson

Print or type name

*Noemy Sandoval / for*

Noemy Sandoval / for (Feb 10, 2022 16:44 EST)

Dr. Jeremy Earle

City Manager (Print or type name)

ATTEST:

*Jenorgen M. Guillen*

Jenorgen M. Guillen

City Clerk (Print or type name)

APPROVED AS TO FORM BY:

*Jennifer Merino*

Jennifer Merino

City Attorney (Print or type name)



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STUDY PARTICIPANT

TOWN OF HILLSBORO BEACH, FLORIDA

WITNESS:

M El Sayed  
Mariana El-Sayed  
Print or type name

STUDY PARTICIPANT

Deborah L Tarrant  
Deborah L. Tarrant  
Mayor (Print or type name)

1 day of February, 2021

WITNESS:

Zohra Yamin  
Zohra Yamin  
Print or type name

William "Mac" Serda  
William "Mac" Serda  
Town Manager (Print or type name)

ATTEST:

Sherry D. Henderson  
Sherry D. Henderson  
Town Clerk (Print or type name)



APPROVED AS TO FORM BY:

Donald J. Doody  
Donald J. Doody  
Town Attorney (Print or type name)






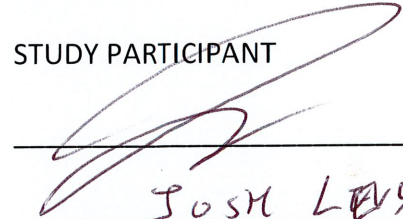
**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:


  
\_\_\_\_\_  
Jacqueline Valdes  
\_\_\_\_\_  
Print or type name

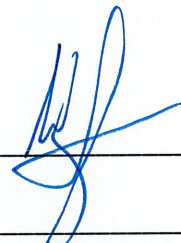

STUDY PARTICIPANT

  
\_\_\_\_\_  
Josh Levy  
\_\_\_\_\_  
Mayor (Print or type name)

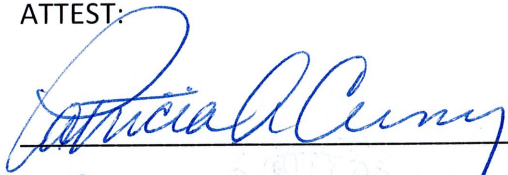
10 day of February, 2022

WITNESS:

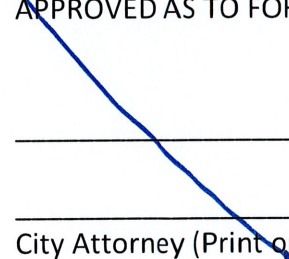
  
\_\_\_\_\_  
Nancy Ellen Caruso  
\_\_\_\_\_  
Print or type name

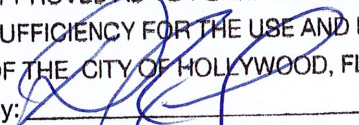
  
\_\_\_\_\_  
  
\_\_\_\_\_  
City Manager (Print or type name)

ATTEST:

  
\_\_\_\_\_  
Patricia A. Cerny  
\_\_\_\_\_  
City Clerk (Print or type name)

APPROVED AS TO FORM BY:

  
\_\_\_\_\_  
\_\_\_\_\_  
City Attorney (Print or type name)

APPROVED AS TO FORM AND LEGAL  
SUFFICIENCY FOR THE USE AND RELIANCE  
OF THE CITY OF HOLLYWOOD, FLORIDA, ONLY.  
By:  \_\_\_\_\_

CITY ATTORNEY 

**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

**STUDY PARTICIPANT**

WITNESS:

*PB Watson*  
*Raviter Watson*  
Print or type name

STUDY PARTICIPANT

*Hazelle Rogers*  
*Hazelle Rogers*  
Mayor (Print or type name)  
25<sup>th</sup> day of January, 2022

WITNESS:

*Veronica Gongora*  
*Veronica Gongora*  
Print or type name

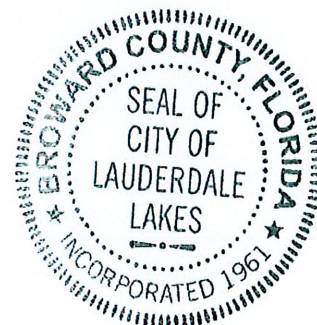
*Phil Alleyne*  
*Phil Alleyne*  
City Manager (Print or type name)

ATTEST:

*Venice Howard*  
*Venice Howard*  
City Clerk (Print or type name)

APPROVED AS TO FORM BY:

*Sidney Calloway*  
*Sidney Calloway*  
City Attorney (Print or type name)



**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

**STUDY PARTICIPANT**

WITNESS:

DocuSigned by:  
*Lucila Lang*  
5B927AF819FA42A...

Lucila Lang

Print or type name

STUDY PARTICIPANT

DocuSigned by:  
*Chris Vincent*  
B0A8AE8CC88D4A1...

Chris Vincent

Mayor (Print or type name)

10 day of February, 2022

WITNESS:

DocuSigned by:  
*Susan Leven*  
3846D6CFPCD84C5...

Susan Leven

Print or type name

DocuSigned by:  
*Linda Connors*  
97DB70609232406...

Linda Connors

City Manager (Print or type name)

ATTEST:

DocuSigned by:  
*Neysa Herrera Cuella*  
512BA6A7F69D4E9...

Neysa Herrera

City Clerk (Print or type name)

APPROVED AS TO FORM BY:

DocuSigned by:  
*Susan J. Trevarthen*  
7851C1375CC5435...

Susan  
Trevarthen

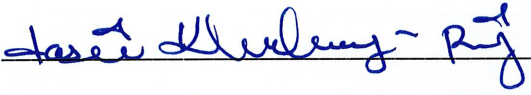
City Attorney (Print or type name)

FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM

CITY OF LAUDERHILL

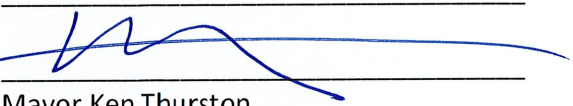
WITNESS:

CITY OF LAUDERHILL



Jasmin Kharandegaran-Riz

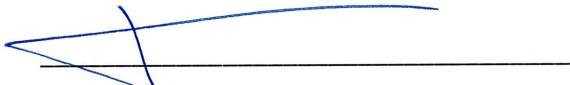
Print or type name



Mayor Ken Thurston

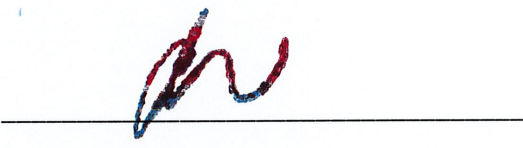
7 day of February, 2022.

WITNESS:



Jessica Wilson

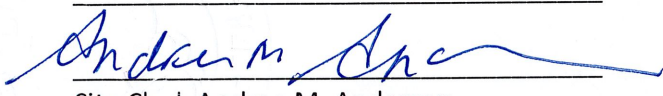
Print or type name



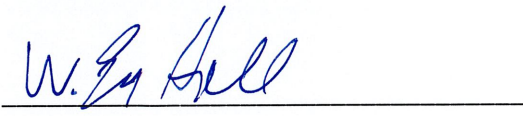
City Manager Desorae Giles-Smith

ATTEST:

APPROVED AS TO FORM BY:



City Clerk Andrea M. Anderson



City Attorney W. Earl Hall, Esq.



**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:

N. Fuis Da

Nicole Davisson  
Print or type name

STUDY PARTICIPANT

Glenn Trost

Glenn Trost  
Mayor (Print or type name)

26 day of January, 2022

WITNESS:

N. Fuis Da

Nicole Davisson  
Print or type name

John D. Eavis  
John D. Eavis  
City Administrator (Print or type name)

ATTEST:

Kathryn Sims

Kathryn Sims  
City Clerk (Print or type name)

APPROVED AS TO FORM BY:

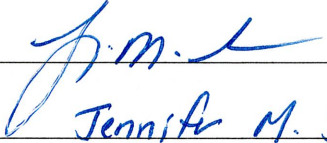
Michael J. Cirullo Jr

Michael J. Cirullo Jr  
City Attorney (Print or type name)


**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:

  
\_\_\_\_\_  
Jennifer M. Johnson  
Print or type name

STUDY PARTICIPANT

  
\_\_\_\_\_  
Mayor Antonio V. Arserio  
26<sup>th</sup> day of January, 20 22

WITNESS:


  
\_\_\_\_\_  
Nancy L. Popick  
Print or type name

  
\_\_\_\_\_  
Cale Curtis, City Manager

ATTEST:

  
\_\_\_\_\_  
Joseph J. Kavanagh, City Clerk

APPROVED AS TO FORM BY:

  
\_\_\_\_\_  
David N. Torres  
Interim City Attorney (Print or type name)



**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

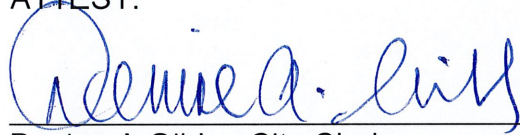
STUDY PARTICIPANT

CITY OF MIRAMAR, FLORIDA

By:   
Whittingham O. Gordon, City Manager

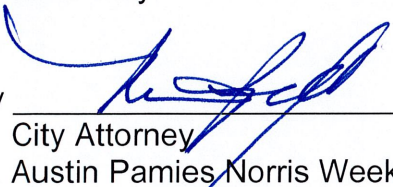


ATTEST:

  
Denise A Gibbs, City Clerk

(SEAL)

Approved as to form and legal sufficiency  
for the use of and reliance by the City of  
Miramar only:

By   
City Attorney  
Austin Pamies Norris Weeks Powell, PLLC

FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM

STUDY PARTICIPANT

WITNESS:

Tania Cordova

TANIA CORDOVA

Print or type name

STUDY PARTICIPANT

Ara M. Zade

Ara M. Zade

Mayor (Print or type name)

25 day of January, 2022

WITNESS:

Sandra Katnik

SANDRA KATNIK

Print or type name

ABhatty

AMBREEN BHATTY

City Manager (Print or type name)

ATTEST:

Elizabeth Garcia-Beckert

City Clerk (Print or type name)



APPROVED AS TO FORM BY:

Quentin Morgan

Quentin Morgan 1.28.22

City Attorney (Print or type name)

**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:

Michelle V. Fletcher

Michelle V. Fletcher

Print or type name

STUDY PARTICIPANT

Michael E. Carn

Mayor Michael E. Carn

8 day of February, 2022

WITNESS:

Robin Greco

Robin Greco

Print or type name

David Hebert

David Hebert, City Manager

APPROVED AS TO FORM BY:

DJ Doody

DJ Doody, City Attorney

ATTEST:

Renee M. Shroot

Renee M. Shroot, City Clerk

R. 2022.014



**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:

Claudia Chabot  
CLAUDIA CHABOT

Print or type name

STUDY PARTICIPANT

Richard W. Walker

Richard W. Walker

Mayor (Print or type name)

2<sup>nd</sup> day of February, 20  

WITNESS:

Stephanie Frohman

Stephanie Frohman

Print or type name

Nancy Morando

Nancy Morando

City Manager (Print or type name)

ATTEST:

Alyson Morales

Alyson Morales

City Clerk (Print or type name)

APPROVED AS TO FORM BY:

Anthony Soroka

Anthony Soroka


City Attorney (Print or type name)



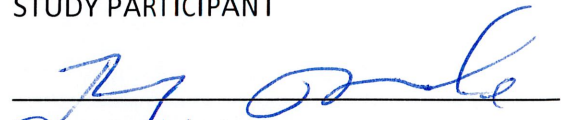
**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:

  
Susan Reutlinger  
Print or type name

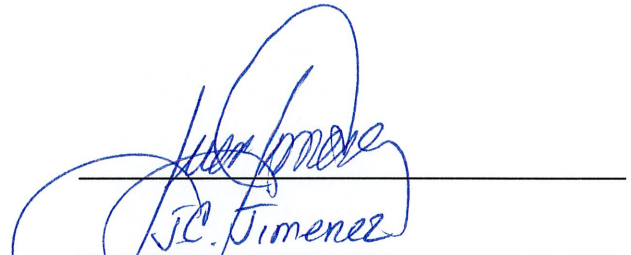
STUDY PARTICIPANT

  
Reynold Deuveille  
Vice Mayor (Print or type name)


07 day of Feb, 2022

WITNESS:

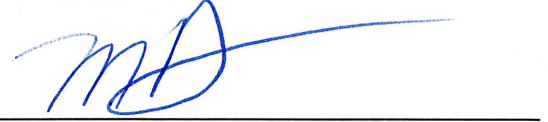
  
Mark Pakula  
Print or type name

  
J.C. Jimenez  
City Manager (Print or type name)

ATTEST:

  
Marlen Martell  
City Clerk (Print or type name)

APPROVED AS TO FORM BY:

  
Melissa P. Andersen  
City Attorney (Print or type name)

**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:

*Julia Lakosky*

Julia Lakosky  
Print or type name

STUDY PARTICIPANT

*Frank C. Ortis*

Frank C. Ortis  
Mayor (Print or type name)

\_\_\_\_ day of \_\_\_\_\_, 20\_\_

WITNESS:

*Michelle Dawson*

Michelle Dawson  
Print or type name

*Charles F. Dodge*

Charles F. Dodge  
City Manager (Print or type name)

ATTEST:

*Marlene Graham 2/10/2022*

Marlene Graham  
City Clerk (Print or type name)

APPROVED AS TO FORM BY:

*Jacob Horowitz*

Jacob Horowitz  
City Attorney (Print or type name)

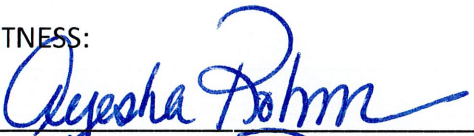




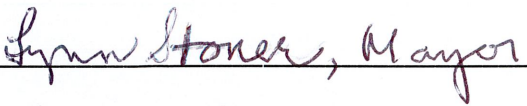
**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:

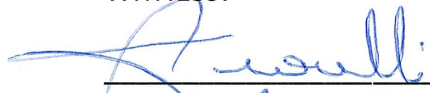
  
Aysha Robinson  
Print or type name


STUDY PARTICIPANT

  
Lynn Stoner  
Mayor (Print or type name)

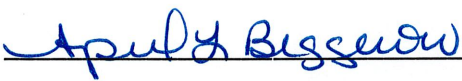
26 day of January, 2022

WITNESS:

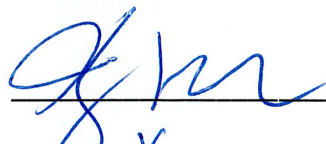
  
JOHN DECORELLI  
Print or type name

  
Jason Nunemaker  
City Manager (Print or type name)

ATTEST:

  
April L. Beggerow  
City Clerk (Print or type name)

APPROVED AS TO FORM BY:

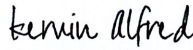
  
Kerry L. Ezra  
City Attorney (Print or type name)

**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

**STUDY PARTICIPANT**

WITNESS:

DocuSigned by:



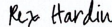
D1C913A8ED334CA

Kervin Alfred

Print or type name

STUDY PARTICIPANT **City of Pompano Beach**

DocuSigned by:



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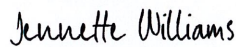
Rex Hardin

Mayor (Print or type name)

10th day of February, 2022

WITNESS:

DocuSigned by:

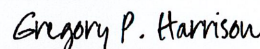


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Jennette Williams

Print or type name

DocuSigned by:



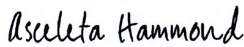
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Gregory P. Harrison

City Manager (Print or type name)

ATTEST:

DocuSigned by:



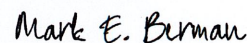
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Ascleeta Hammond

City Clerk (Print or type name)

APPROVED AS TO FORM BY:

DocuSigned by:



B4DD5E1CDA804A1...

Mark E. Berman

City Attorney (Print or type name)

DocuSigned by:



**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:

James O'Brien  
JAMES O'BRIEN  
Print or type name

STUDY PARTICIPANT

Jeffrey V. Nelson  
\_\_\_\_\_  
Mayor Jeffrey V. Nelson

21 day of January, 2022

WITNESS:

N/A  
\_\_\_\_\_  
Print or type name

N/A  
\_\_\_\_\_  
City Manager (Print or type name)

ATTEST:

Starr Paton  
\_\_\_\_\_  
City Clerk Starr Paton

APPROVED AS TO FORM BY:

D. J. Doody  
\_\_\_\_\_  
City Attorney D. J. Doody

**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

Town of Southwest Ranches

WITNESS:

Danielle Caban  
Danielle Caban  
Print or type name

Town of Southwest Ranches

Steve Breitkreuz  
Steve Breitkreuz  
Mayor (Print or type name)

27th day of January, 2022

WITNESS:

Debra M. Ruegg  
Debra M. Ruegg  
Print or type name

Andy Berns  
Andy Berns  
Town Administrator (Print or type name)

ATTEST:

Russell Muniz  
Russell Muniz  
Town Clerk (Print or type name)

APPROVED AS TO FORM BY:

Keith Poliakoff  
Keith Poliakoff  
Town Attorney (Print or type name)



**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:

Louder Lawrence  
Louder Lawrence  
 Print or type name

STUDY PARTICIPANT

Jacqueline Guzman  
 Deputy Mayor (Print or type name)  
 8<sup>th</sup> day of February, 2022

WITNESS:

Salvatore Ciolino  
Salvatore Ciolino  
 Print or type name

Mark S. Libelski  
 City Manager (Print or type name)

ATTEST:

Felicia M. Bravo, City Clerk  
 City Clerk (Print or type name)

APPROVED AS TO FORM BY:

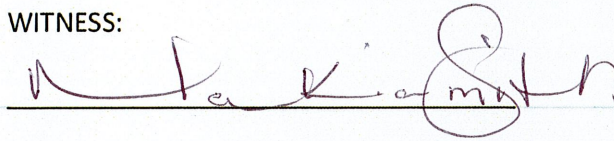
Kimberly A. Kissler  
 City Attorney (Print or type name)



**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

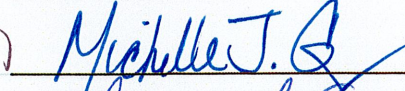
**STUDY PARTICIPANT**

WITNESS:

NAKIA SMITH

Print or type name

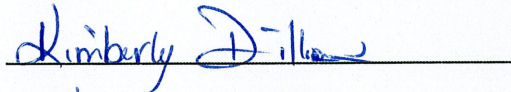
STUDY PARTICIPANT

Michelle J. Gonzalez

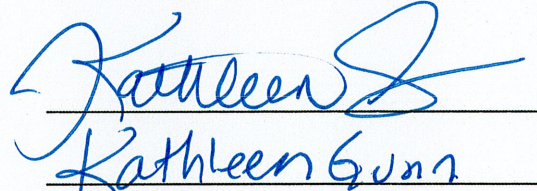
Mayor (Print or type name)

3rd day of February, 2022

WITNESS:

Kimberly Dillon

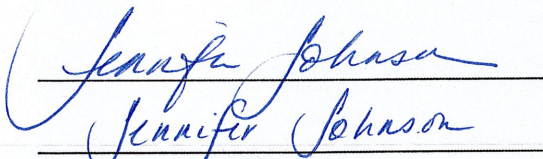
Print or type name



City Manager (Print or type name)

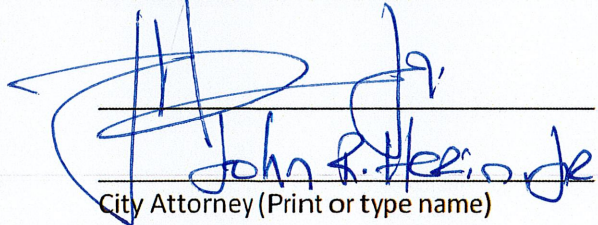


ATTEST:

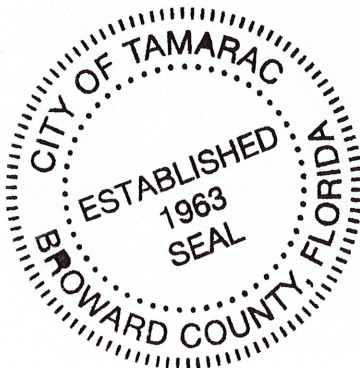


City Clerk (Print or type name)

APPROVED AS TO FORM BY:



City Attorney (Print or type name)

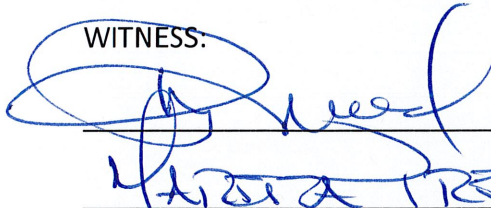




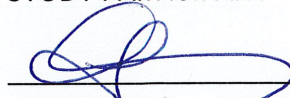
**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:

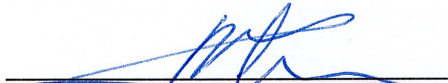
  
\_\_\_\_\_  
MARIA TREBIL  
Print or type name


STUDY PARTICIPANT

  
\_\_\_\_\_  
FELICIA M. BRUNSON  
Mayor (Print or type name)


3<sup>RD</sup> day of FEBRUARY, 2022

WITNESS:


  
\_\_\_\_\_  
WIENER CHALVIRE  
Print or type name

  
\_\_\_\_\_  
W. AJIBOLA BALOGUN  
City Manager (Print or type name)  
(RESOLUTION # 2022-09)

ATTEST:

  
\_\_\_\_\_  
ALEXANDRA B. GRANT  
City Clerk (Print or type name)

APPROVED AS TO FORM BY:

  
\_\_\_\_\_  
BURNADETTE NORRIS-WEEKS, ESQ.  
City Attorney (Print or type name)

**FIRST AMENDMENT  
TO MEMORANDUM OF UNDERSTANDING  
REGARDING COLLABORATIVE STUDY AND SUBSEQUENT DEVELOPMENT OF  
AN INTEGRATED SOLID WASTE AND RECYCLING SYSTEM**

STUDY PARTICIPANT

WITNESS:

Patricia A Bates

PATRICIA A BATES

Print or type name

CITY OF WESTON

Margaret Brown

Margaret Brown, Mayor

7<sup>th</sup> day of February, 2022

WITNESS:

\_\_\_\_\_

Print or type name

Donald P. Decker

Donald P. Decker, City Manager/CEO

8<sup>th</sup> day of February, 2022

ATTEST:

Patricia A Bates

Patricia A. Bates, MMC, City Clerk

APPROVED AS TO FORM BY:

Jamie Alan Cole


Jamie Alan Cole, City Attorney

7<sup>th</sup> day of February, 2022




STUDY PARTICIPANT

WITNESS:

  
\_\_\_\_\_  
Patricia Staples  
Print or type name

STUDY PARTICIPANT

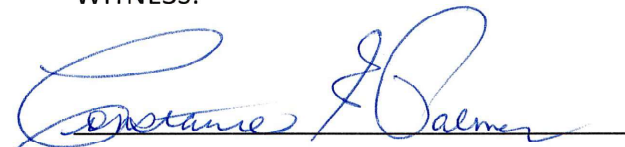
CITY OF WILTON MANORS

  
\_\_\_\_\_

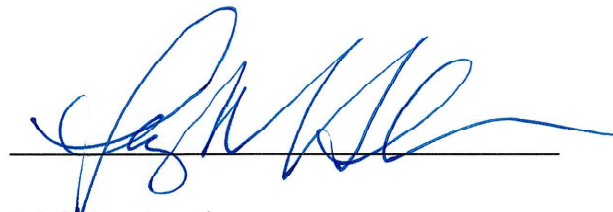
SCOTT NEWTON

Mayor (Print or type name)


WITNESS:

  
\_\_\_\_\_  
Constance E. Palmer  
Print or type name

\_\_\_\_ day of January, 2022

  
\_\_\_\_\_  
Leigh Ann Henderson  
City Manager (Print or type name)

ATTEST:

  
\_\_\_\_\_  
Faith Lombardo  
City Clerk (Print or type name)

APPROVED AS TO FORM BY:

/s/ Kerry L. Ezrol  
\_\_\_\_\_  
Kerry L. Ezrol  
City Attorney (Print or type name)

**EXHIBIT A**  
**Proposed Study Scope of Services**

Vendor shall provide the following Services:

**WASTE GENERATION STUDY**

Task	Task Title	Illustrative Tasks	Cost	Deliverables <sup>1</sup>
1	Project Planning and Preparations	<ul style="list-style-type: none"><li>• Kick-off meeting</li><li>• Establish project parameters</li><li>• Coordinate with private haulers</li><li>• Create applicable Environmental Health and Safety Plans</li><li>• Develop overall plan of the Study include how the results of the study can be used</li></ul>	\$45,300	<ul style="list-style-type: none"><li>• Memorandum with project schedule, summary of available information, and clarification of scope</li><li>• Memorandum that details and describes Land Use Code Groups (LUCGs), geographic areas, and associated sample targets</li><li>• Non-Disclosure agreements with private haulers</li><li>• Memorandum of Understanding with each cooperating private hauler</li><li>• Presentation before stakeholders providing an overview of the Study and introducing the potential uses derived from the Study (i.e., calculation of assessment fee, financial projections for a solid waste entity, tipping fee surcharge, support of bond issuance, etc.)</li></ul>

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<sup>1</sup> Each task and deliverable are subject to County approval and acceptance to be considered completed and subject to payment.

<sup>2</sup> Format for all databases shall be approved by the County.

Task	Task Title	Illustrative Tasks	Cost	Deliverables <sup>1</sup>
2	Develop Sampling Protocol and Training	<ul style="list-style-type: none"> <li>Purchase and install truck scales</li> </ul>	\$92,400	<ul style="list-style-type: none"> <li>Certificate of installation for each on-board truck scale installed. (County will reimburse actual costs based on proper submittal of invoices up to a maximum of \$23,100 for each scale installed up to a maximum of 4)</li> </ul>
		<ul style="list-style-type: none"> <li>Match hauler customers with parcels</li> </ul>	\$48,800	<ul style="list-style-type: none"> <li>Database<sup>2</sup> that presents selected data for which waste will be measured as part of this study</li> </ul>
		<ul style="list-style-type: none"> <li>Develop field protocol / training</li> </ul>	\$25,900	<ul style="list-style-type: none"> <li>Field Sampling Protocol</li> <li>Training Presentation</li> </ul>
3	Correlate Parcel Data with Hauler Customer Information, Verification Surveys, and Data Gathering	<ul style="list-style-type: none"> <li>Conduct verification surveys</li> </ul>	\$138,000	<ul style="list-style-type: none"> <li>Database that includes verified information and summary of discrepancies</li> </ul>
		<ul style="list-style-type: none"> <li>Winter field data gathering</li> </ul>	\$52,800	<ul style="list-style-type: none"> <li>Database that includes weight of waste measured for each parcel in Winter 2022</li> </ul>
		<ul style="list-style-type: none"> <li>Summer field data gathering</li> </ul>	\$52,800	<ul style="list-style-type: none"> <li>Database that includes weight of waste measured for each parcel in Winter 2022 and Summer 2022</li> </ul>
4	Statistical Analyses	<ul style="list-style-type: none"> <li>Conduct analysis to develop statistically valid and defensible waste generation rate for the County and its 31 municipalities</li> </ul>	\$28,200	<ul style="list-style-type: none"> <li>Memorandum that presents median and statistical confidence intervals for each LUCG and geographic area</li> <li>Meeting with County to present data summary and evaluate countywide vs geographic waste generation estimates</li> </ul>

<sup>2</sup> Format for all databases shall be approved by the County.

Task	Task Title	Illustrative Tasks	Cost	Deliverables <sup>1</sup>
5	Draft/Final Waste Generation Report, Presentation, and Miscellaneous Consulting Services	<ul style="list-style-type: none"> <li>• Draft Report</li> <li>• Final Report &amp; Presentation</li> <li>• Progress Meetings (up to 4) before relevant stakeholders (as determined by the County)</li> <li>• Identifying regulatory, legislative, and legal trends that affect solid waste management</li> <li>• Provide guidance on policies, contracts, regulations, and other actions related to solid waste management in Broward County for consideration</li> </ul>	\$65,800	<ul style="list-style-type: none"> <li>• Draft project report that presents field methods, project results, and waste generation rates</li> <li>• Final project report that incorporates County comments on field methods, project results, and waste generation rates. The Final Report shall also include the potential uses derived from the Study (ie. calculation of assessment fee, financial projections for Authority, tipping fee surcharge, support of bond issuance, etc.) and next steps and options on how rates may be applied.</li> <li>• Presentation that presents the Waste Generation Study to relevant stakeholders (as determined by the County)</li> </ul>
<b>TOTAL</b>			<b>\$550,000</b>	

The Scope of Service shall also include all items and tasks contained in the Contractor's written proposal dated November 12, 2021, and optional funding tasks.



## WASTE COMPOSITION STUDY

Task	Task Title	Illustrative Tasks	Cost	Deliverables <sup>3</sup>
6	Project Planning and Preparations	<ul style="list-style-type: none"> <li>• Kick-off meeting</li> <li>• Establish project parameters</li> <li>• Coordinate with waste management facilities and public/private haulers</li> <li>• Create applicable Environmental Health and Safety Plans</li> <li>• Develop sampling protocol that identifies locations, sampling targets, and field procedures</li> </ul>	\$18,500	<ul style="list-style-type: none"> <li>• Memorandum with data request</li> <li>• Memorandum with project schedule, summary of available information, and clarification of scope</li> <li>• Sampling Protocol</li> </ul>
7	Seasonal Field Efforts to Acquire and Sort Waste Samples	• Season 1 (5-day field activity)	\$43,800	• Memorandum presenting summary of field results for Season 1
		• Season 2 (5-day field activity)	\$43,800	• Memorandum presenting summary of field results for Season 2
		• Season 3 (5-day field activity)	\$43,800	• Memorandum presenting summary of field results for Season 4
		• Season 4 (5-day field activity)	\$43,800	• Memorandum presenting summary of field results for Season 4

Task	Task Title	Illustrative Tasks	Cost	Deliverables <sup>3</sup>
8	Statistical Analyses	<ul style="list-style-type: none"> <li>Derivation of Annual Waste Composition (overall and by sector); Comparisons (to previous studies, to other jurisdictions, by sector), Assessment of Opportunities to increase Waste Diversion</li> </ul>	\$24,000	<ul style="list-style-type: none"> <li>Memorandum that presents annual waste composition and statistical confidence intervals for each material type</li> <li>Meeting with County to present data and discuss format for final report</li> </ul>
9	Draft/Final Waste Composition Report & Presentation	<ul style="list-style-type: none"> <li>Draft Report</li> <li>Final Report &amp; Presentation</li> </ul>	\$26,300	<ul style="list-style-type: none"> <li>Draft report presenting field methods, project results, and waste composition</li> <li>Final report incorporating County comments on field methods, project results, and waste composition. The Final Report shall also include the potential uses derived from the Study (opportunities to expand waste diversion efforts) and next steps.</li> <li>Presentation of Waste Composition Study results to relevant stakeholders (as determined by the County)</li> </ul>
<b>TOTAL</b>			<b>\$244,000</b>	

<sup>3</sup> Each task and deliverable are subject to County approval and acceptance to be considered completed and subject to payment.

The Scope of Service shall also include all items and tasks contained in the Contractor's written proposal dated November 12, 2021, and optional funding tasks.

## OPTIONAL SERVICES

Task	Task Title	Illustrative Tasks	Cost	Deliverables <sup>4</sup>
10	Revenue Requirement /Financial Projections	<ul style="list-style-type: none"> <li>Determine the revenue requirements for the system consistent with proposed bond commitments</li> </ul>	\$32,625	<ul style="list-style-type: none"> <li>Financial model results projecting revenue requirements</li> </ul>
11	Non-Ad Valorem Assessment and Rate Planning	<ul style="list-style-type: none"> <li>Identify the parcels that will receive a special benefit from the solid waste entity</li> <li>Validate the methodology for apportioning the revenue requirement to the benefitting parcels</li> <li>Calculate the necessary special assessment to meet the revenue requirements for the next 5 years</li> <li>Determine the parcels that will receive a special benefit from the solid waste entity and consider whether the same benefit is conveyed upon all parcels (ex, education/outreach, HHW, etc.)</li> </ul>	\$59,500	<ul style="list-style-type: none"> <li>Report with a statistically-valid and legally-defensible special assessment rate structure</li> </ul>

<sup>4</sup> Each task and deliverable are subject to County approval and acceptance to be considered completed and subject to payment.

Task	Task Title	Illustrative Tasks	Cost	Deliverables <sup>4</sup>
12	Tipping Fee Study	<ul style="list-style-type: none"> <li>Determine level of surcharges required to meet the financial needs of the system</li> <li>Determine waste streams and tonnages subject to surcharge</li> <li>Calculate surcharge per ton of billable waste</li> </ul>	\$39,100	<ul style="list-style-type: none"> <li>Report on tipping fees/surcharges that include surcharge for each facility and waste stream (MSW, bulk, yard, C&amp;D, etc),</li> </ul>
13	Support to Bond Issuance	<ul style="list-style-type: none"> <li>Perform feasibility study that details annual revenue projections over the life of the anticipated financing term</li> </ul>	\$30,975	<ul style="list-style-type: none"> <li>Feasibility reports for revenue bond financing of capital assets</li> </ul>
14	Communication and Outreach	<ul style="list-style-type: none"> <li>Public Relations and communication planning/implementation</li> <li>Citizen input through stakeholder, and public meetings, online and phone surveys</li> </ul>	\$38,100	<ul style="list-style-type: none"> <li>Includes two in-person meetings, and one virtual meeting.</li> <li>Memorandum summarizing results of citizen input.</li> </ul>
15	Additional Meetings (as required)	<ul style="list-style-type: none"> <li>In-person meeting with Project Director</li> <li>- \$3,850</li> <li>Virtual Meeting -</li> <li>\$1,350</li> </ul>	Varies	<ul style="list-style-type: none"> <li>Project Director will attend in-person or virtually, Project Manager will attend virtually</li> </ul>



**EXHIBIT B**  
**Estimated Study Budget and Study Participant Contributions**

Based on discussions with potential vendors, the estimated Study Cost is \$1,000,000.

The table below is intended as a demonstrative and assumes ninety percent (90%) municipal participation. It contains the agreed-upon population of each municipality in Broward County for determining each Study Participant's portion of the fifty percent (50%) Municipal Share of the Study Cost.

<b>Municipality</b>	<b>Population (2021 BEBR)</b>	<b>Population Percentage based on 100% Participation</b>	<b>\$1M Study with 100% Participation</b>	<b>Population Percentage based on 90% Participation</b>	<b>Payment from Municipalities by 2/11/22 \$1M Study with 90% Participation</b>
Fort Lauderdale	186,076	9.600%	\$47,409.00	10.667%	\$53,334.00
Pembroke Pines	170,857	8.815%	\$44,404.00	9.794%	\$48,972.00
Hollywood	153,854	7.938%	\$39,706.00	8.820%	\$44,098.00
Miramar	136,007	7.017%	\$34,947.00	7.796%	\$38,983.00
Coral Springs	134,558	6.942%	\$34,863.00	7.713%	\$38,568.00
Pompano Beach	113,144	5.837%	\$29,065.00	6.486%	\$32,430.00
Davie	106,199	5.479%	\$27,417.00	6.088%	\$30,439.00
Sunrise	97,359	5.023%	\$25,249.00	5.581%	\$27,906.00
Plantation	92,628	4.779%	\$23,800.00	5.310%	\$26,550.00
Deerfield Beach	87,106	4.494%	\$22,532.00	4.993%	\$24,967.00
Lauderhill	74,538	3.846%	\$19,321.00	4.273%	\$21,365.00
Tamarac	72,509	3.741%	\$18,651.00	4.157%	\$20,783.00
Weston	68,305	3.524%	\$17,667.00	3.916%	\$19,578.00
Margate	58,714	3.029%	\$15,230.00	3.366%	\$16,829.00
Coconut Creek	57,871	2.986%	\$15,002.00	3.317%	\$16,588.00
North Lauderdale	44,855	2.314%	\$11,620.00	2.571%	\$12,857.00
Oakland Park	44,296	2.285%	\$11,473.00	2.539%	\$12,697.00
Hallandale Beach	41,157	2.123%	\$10,692.00	2.359%	\$11,797.00
Lauderdale Lakes	36,647	1.891%	\$9,327.00	2.101%	\$10,504.00
Parkland	35,440	1.828%	\$8,994.00	2.032%	\$10,158.00
Cooper City	34,397	1.775%	\$8,924.00	1.972%	\$9,859.00
Dania Beach	31,837	1.643%	\$8,229.00	1.825%	\$9,126.00
West Park	15,229	0.786%	\$3,925.00	0.873%	\$4,365.00

Wilton Manors	11,560	0.596%	\$2,964.00	0.663%	\$3,314.00
Lighthouse Point	10,499	0.542%	\$2,720.00	0.602%	\$3,010.00
Southwest Ranches	7,675	0.396%	\$1,973.00	0.440%	\$2,200.00
Pembroke Park	6,222	0.321%	\$1,624.00	0.357%	\$1,784.00
Lauderdale-by-the-Sea	6,203	0.320%	\$1,608.00	0.356%	\$1,778.00
Hillsboro Beach	1,986	0.102%	\$515.00	0.114%	\$570.00
Sea Ranch Lakes	535	0.028%	\$140.00	0.031%	\$154.00
Lazy Lake	33	0.002%	\$9.00	0.002%	\$10.00

<b>Study Cost</b>	<b>\$1,000,000</b>
<b>County Cost Share at 50%</b>	<b>\$500,000</b>
<b>Remainder to be Paid by Municipalities</b>	<b>\$500,000</b>
<b>Total Broward Population (2021 BEBR)</b>	<b>1,938,296</b>
<b>90% of Population</b>	<b>1,744,466</b>

**EXHIBIT B**  
**Estimated Study Budget and Study Participant Contributions**

<b>Study Cost</b>	<b>\$1,000,000</b>
<b>County Cost Share at 50%</b>	<b>\$500,000</b>
<b>Remainder to be Paid by Municipalities</b>	<b>\$500,000</b>
<b>Broward Population (2021 BEBR)</b>	<b>1,938,296</b>
<b>90% of Population</b>	<b>1,744,466</b>

<b>Municipality</b>	<b>Population (2021 BEBR)</b>	<b>Population Percentage based on 100% Participation</b>	<b>\$1M Study with 100% Participation</b>	<b>Population Percentage based on 90% Participation</b>	<b>Payment from Municipalities by 2/11/22 \$1M Study with 90% Participation</b>
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Pembroke Pines	170,857	8.815%	\$44,074.02	9.794%	\$48,971.14
Hollywood	153,854	7.938%	\$39,687.95	8.820%	\$44,097.73
Miramar	136,007	7.017%	\$35,084.17	7.796%	\$38,982.41
Coral Springs	134,558	6.942%	\$34,710.38	7.713%	\$38,567.09
Pompano Beach	113,144	5.837%	\$29,186.46	6.486%	\$32,429.40
Davie	106,199	5.479%	\$27,394.94	6.088%	\$30,438.82
Sunrise	97,359	5.023%	\$25,114.59	5.581%	\$27,905.09
Plantation	92,628	4.779%	\$23,894.18	5.310%	\$26,549.09
Deerfield Beach	87,106	4.494%	\$22,469.74	4.993%	\$24,966.37
Lauderhill	74,538	3.846%	\$19,227.71	4.273%	\$21,364.13
Tamarac	72,509	3.741%	\$18,704.32	4.157%	\$20,782.57
Weston	68,305	3.524%	\$17,619.86	3.916%	\$19,577.62
Margate	58,714	3.029%	\$15,145.78	3.366%	\$16,828.64
Coconut Creek	57,871	2.986%	\$14,928.32	3.317%	\$16,587.02
North Lauderdale	44,855	2.314%	\$11,570.73	2.571%	\$12,856.37
Oakland Park	44,296	2.285%	\$11,426.53	2.539%	\$12,696.15
Hallandale Beach	41,157	2.123%	\$10,616.80	2.359%	\$11,796.44
Lauderdale Lakes	36,647	1.891%	\$9,453.41	2.101%	\$10,503.78
Parkland	35,440	1.828%	\$9,142.05	2.032%	\$10,157.83
Cooper City	34,397	1.775%	\$8,873.00	1.972%	\$9,858.89
Dania Beach	31,837	1.643%	\$8,212.63	1.825%	\$9,125.14
West Park	15,229	0.786%	\$3,928.45	0.873%	\$4,364.95
Wilton Manors	11,560	0.596%	\$2,982.00	0.663%	\$3,313.33
Lighthouse Point	10,499	0.542%	\$2,708.31	0.602%	\$3,009.23
Southwest Ranches	7,675	0.396%	\$1,979.83	0.440%	\$2,199.81
Pembroke Park	6,222	0.321%	\$1,605.02	0.357%	\$1,783.35
Lauderdale-by-the-Sea	6,203	0.320%	\$1,600.12	0.356%	\$1,777.91
Hillsboro Beach	1,986	0.102%	\$512.31	0.114%	\$569.23
Sea Ranch Lakes	535	0.028%	\$138.01	0.031%	\$153.34
Lazy Lake*	33	0.002%	\$8.51	0.002%	\$9.46

Note: Revised on 1/17/2022

\* Rounded