



CITY COMMISSION STAFF REPORT

DEPARTMENT: Utilities

SUBJECT: Motion to approve and authorize Interlocal Agreement with Broward County for participation in, and joint funding of, the County's Regional Biosolids Solutions Study in the amount of \$3,098.46. - **Utilities**

CITY MANAGER RECOMMENDATION:

The City Manager recommends approval and authorization to execute an Interlocal Agreement with Broward County for participation in, and joint funding of, the County's Regional Biosolids Solutions study to determine the feasibility of constructing a biosolids management facility, processing, technologies, process improvements, and holistic alternatives that incorporate both sludge treatment, co-treatment of organics, energy generation, and reuse on a regional basis.

BACKGROUND OF ITEM:

Broward County Water and Wastewater Services ("WWS") assembled a group of utilities to explore regional solutions to sludge management a by-product of wastewater treatment. A regional approach may offer economies of scale and resources, thereby allowing participating utilities to diversify and decrease the risk associated with the management strategies.

With this regional approach in mind, the following utilities have been collaborating to explore solutions: Broward County Water and Wastewater Services, Coral Springs Improvement District, Town of Davie, and the cities of Cooper City, Fort Lauderdale, Hollywood, Margate, Miramar, Pembroke Pines, Plantation, and Sunrise (collectively, the "Biosolids Solutions Working Group").

According to this ILA, future studies may be necessary to analyze environmental impacts or develop new facilities or capital improvement plans. Following the Study's completion, an additional interlocal agreement may be necessary to share the findings with estimated costs of constructing regional biosolid solutions.

WWS has issued a Work Authorization to Brown and Caldwell ("CONSULTANT") to perform services, pursuant to its agreement with Broward County, to address a regional approach to the processing and disposal of Biosolids. Pursuant to Section 5.3 of the ILA, Cooper City is not committing to any additional future costs or expenses related to Biosolids disposal.

A final report will be prepared by CONSULTANT and shared with the participating municipalities.

ANALYSIS:

The estimated total Study Cost is not estimated to exceed \$258,939.20 with the City of Cooper City's share being at \$3,098.46. The table below is intended to demonstrate each potential Study Participant's share of the Study Cost, assuming 100% participation.

The table contains the Biosolids in dry metric tons produced by each potential Study Participant as reported in Fiscal Year 2021, which was used to determine each potential Study Participant's share of the Study Cost. If the actual Study Cost is less than \$258,939.20 or if less than 100% participation is achieved, the County's share and Study Participant's share of the Study Cost will be adjusted to reflect each Party's percentage of the total Biosolids produced in dry metric tons.

Study Participant	2021 Dry Metric Tons	Percentage based on 100% Participation	\$258,939.20 Study with 100% Participation
Broward County	13,629	36.0%	\$93,285.79
City of Fort Lauderdale	5,500	14.5 %	\$37,645.60
City of Hollywood	11,501	30.4 %	\$78,720.36
City of Margate	743	2.0 %	\$5,085.44
City of Miramar	1,662	4.4 %	\$11,375.50
City of Pembroke Pines	424	1.1 %	\$2,901.25
City of Plantation	925	2.4 %	\$6,333.52
City of Sunrise	2,327	6.2 %	\$15,926.94
Cooper City	453	1.2 %	\$3,098.46
Coral Springs Improvement District	292	0.8 %	\$1,995.68
Town of Davie	376	1.0 %	\$2,570.66
TOTAL	37,831	100%	\$258,939.20


FISCAL IMPACT:

The City's participation in this program is estimated at \$3,098.46. Funds are available in Professional Services Fund.

<u>General Ledger Acct. Number</u>	<u>Budgeted Amount</u>	<u>Requested Amount</u>	<u>Remaining Amount</u>
450-950-531100-536	\$70,000	\$3,098.46	\$66,901.54

ATTACHMENTS:

1. Interlocal Agreement between Broward County and Cooper City for Regional Biosolids Study

Workflow History 			
User	Task	Action	Date/Time
Webb, Jackie	NEW ITEM: Not Yet Routed	*FINANCIAL IMPACT...	02/16/23 08:46 AM
Kendrick, Aaron	Assigned to Finance Director	COMPLETE: Forwar...	02/16/23 08:47 AM
Horowitz, Jacob	Assigned to Attorney	COMPLETE: Forwar...	02/16/23 10:17 AM
Napoli, Joseph	Assigned to City Manager	COMPLETE: Forwar...	02/16/23 10:18 AM
	<i>For consent agenda. Thank-you</i>		
Allen, Tedra	Assigned to City Clerk	APPROVE ITEM: En...	02/16/23 10:41 AM
Allen, Tedra	END WORKFLOW - APPROV...		02/16/23 02:32 PM