1	RESOLUTION NO. 2018- 055		
2 3 4 5 6 7 8 9 10 11 12 13	A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO EXECUTE AN AGREEMENT WITH PALM BEACH AGGREGATES FOR THE CAPACITY ALLOCATION OF ONE MILLION GALLONS OF WATER PER DAY FROM PHASE 1 OF THE C-51 RESERVOIR OF WATER FOR A CAPITAL COST OF FOUR MILLION SIX HUNDRED THOUSAND DOLLARS (\$4,600,000) AND AN ADDITIONAL ANNUAL OPERATING COST; AND PROVIDING FOR AN EFFECTIVE DATE.		
14	WHEREAS, the City of Hallandale Beach has endeavored to protect the City's Biscayne		
15	Aquifer water supply since the initial drilling of water supply wells in the City. As a coastal		
16	community, the movement of the saltwater front into the Biscayne Aquifer is a constant and		
17	continuing threat to the City's water supply; and		
18			
19	WHEREAS, in 2007, the South Florida Water Management District ("SFWMD")		
20	established Restricted Allocation Areas for the Everglades and the Lower East Coast Planning		
21	Region and promulgated the Regional Water Availability Rule which limited future water supply		
22	withdrawals from the aquifer. As a result, increased water demands by utilities throughout South		
23	Florida must be met through the development of alternative water supplies; and		
24			
25	WHEREAS, the City is proactively prolonging the use of City wells by moving water		
26	extraction to the western area of the City. Combined, the City's wells have a permitted capacity		
27	of 3,500,000 gallons per day and the City is nearing the upper limit of its permitted capacity on		
28	peak days; and		
29	WHEREAS, the University of Florida Bureau of Economic Business Research (BEBR)		
30	projections for the City's raw water demand over a twenty year period indicate additional raw		
31	water will be needed to support the average daily demand in the City. Projections estimate an		
32	average daily raw water shortfall of 1.06 million gallons a day by the year 2040; and		
33			
34	WHEREAS, the SFWMD recently issued Broward County the water use permit for the		
35	South Regional Wellfield, from which Hallandale Beach receives Biscayne Aquifer raw water		
36	treated through the City's membrane softening facility. The permit reduced the allocation for raw		
37	water supply for the City, which will need to be offset by a future alternative water supply to allow		

the City to maintain treatment and delivery of finished water (potable water) to customers at the
 current level of service; and

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WHEREAS, since 2006, Broward County, Palm Beach County and other lower east coast area water providers ("LEC Utilities") have collaborated in the development of the C-51 Reservoir to serve as a regional alternative water supply by storing excess wet-season storm water runoff for later distribution and use during the dry season; and

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WHEREAS, after extensive study and public discussion, the C-51 Reservoir has been advanced as a public-private partnership whereby interested LEC Utilities and Palm Beach Aggregates would jointly develop the project with clearly defined roles for each party including the pro rata contribution of capital costs by each of the participating LEC Utilities, and following construction, the pro rata contribution of operating and maintenance costs based upon their respective storage allocation and consumptive use permit; and

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53 WHEREAS, Palm Beach Aggregates will be constructing a series of interconnected 54 reservoirs (collectively, the "C-51 Reservoir") capable of receiving and storing water from areas 55 under the jurisdiction of the SFWMD in South Florida ("Region"), and discharging that water back 56 to the Region as an alternative water supply; and,

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58 WHEREAS, the C-51 Reservoir will be constructed in two phases. Phase 1 of the C-51 59 Reservoir will consist of a reservoir with 14,000 acre-feet of storage capacity and appurtenant 60 facilities and works (the "Phase 1 Reservoir"). The Second Phase, if developed, will consist of an 61 anticipated additional 46,000 acre-feet of reservoir storage capacity and appurtenant facilities and 62 works (the "Phase 2 Reservoir"); and

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64 **WHEREAS**, City Administration recommends that the City Commission authorize the City 65 Manager and City Attorney to negotiate and approve the Capacity Allocation Agreement with 66 Palm Beach Aggregates for the allocation of one million gallons a day of raw water from Phase 1 67 of the C-51 Reservoir; and

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69 WHEREAS, as a condition precedent of obtaining the water allocation from the C-51
 70 Reservoir, the City will also have to negotiate and obtain a permit agreement from SFWMD; and

71	WHEREAS, the Mayor and City (Commission have dete	ermined that the City	
72	Administration's recommendations are in the be	est interest of the City an	d its residents.	
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74	NOW, THEREFORE, BE IT RESC		OR AND THE CITY	
75	COMMISSION OF THE CITY OF HALLANDAL	E BEACH, FLORIDA:		
76 77		alauraa aya inaayoayata	d havein	
77 78	SECTION 1. The foregoing "Whereas"	clauses are incorporate	a nerein.	
78 79	SECTION 2. City Manager Authoriza	ation The Mayor and (City Commission hereby	
80	authorize the City Manager to negotiate and app			
81	for the capacity allocation of one million gallo	C C		
82	reservoir at a capital cost of four million six			
83	additional annual operations cost. The payment will be due within thirty days after receipt of the			
84	Notice of the Commercial Operation Date of the	C-51 Reservoir project,	estimated in Fiscal Year	
85	2020/21.			
86				
87	SECTION 3. Effective Date. This Re	esolution shall take effe	ect immediately upon its	
88	passage and adoption.			
89				
	passage and adoption. APPROVED AND ADOPTED this	day of	, 2018.	
89 90 91 92		day of	, 2018.	
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89 90 91 92 93 94		KEITH S. LONDON		
89 90 91 92 93 94 95	APPROVED AND ADOPTED this			
89 90 91 92 93 94		KEITH S. LONDON		
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 89 90 91 92 93 94 95 96 97 98 99 100 	APPROVED AND ADOPTED this SPONSORED BY: CITY ADMINISTRATION ATTEST: JENORGEN GUILLEN	KEITH S. LONDON		
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 89 90 91 92 93 94 95 96 97 98 99 100 101 102 	APPROVED AND ADOPTED this SPONSORED BY: CITY ADMINISTRATION ATTEST: JENORGEN GUILLEN	KEITH S. LONDON		

- 106 APPROVED AS TO LEGAL SUFFICIENCY AND
- 107 FORM
- 108
- 109
- 110 JENNIFER MERINO
- 111 CITY ATTORNEY