



BOARD OF DIRECTORS WORKSHOP

851 Celebration Avenue, Room 104

Monday, August 5, 2019 9:30 AM – 11:30 AM

AGENDA

Call to Order

Adopt Agenda

1. [Weathermatic Smart Irrigation System](#)
2. Lakeside Gates - Security
3. [Reserve Study](#)
4. Parks & Facilities Master Plan
5. Surveillance Cameras throughout the community

Quick Updates:

- Blue Sage roof replacement
- UCF Sustainability Study

Adjournment

Action Item 1

Motion Subject:	Irrigation Control Replacements
Background:	<p>Park & Facility irrigation controls are in need of replacement due to age and lack of control of the system. Currently, 85% of the irrigation at the parks is controlled by the CCDD via their Rain Bird Maxicom system. In addition, we receive irrigation water bills from the ECDD based on use calculation created 20 plus years ago.</p> <p>Technology has changed greatly over the years which now provide precise usage data; cloud based reporting methods, real-time leak detection and shutdown as well as advanced water conservation efforts.</p> <p>At a Board workshop in May of this year, management was asked to investigate third party pricing to compare to the capital lease program presented by Weathermatic. Management worked with Nu-Leaf Landscape Services, who is knowledgeable of irrigation design and installation, to develop a cost comparison sheet. The attached comparison sheet shows the actual cost of components listed on Weathermatic's original proposal.</p> <p>Although there are several manufacturers of irrigation control systems such as Rain Bird, Hunter and Toro, they lack the advanced technology, ease of use and cloud based systems utilized by Weathermatic.</p>
Funding Source:	Replacement Reserve (or Operating based on Board decision)
Budgeted Amount:	2016 Reserve Study, Line 1.051, Irrigation Systems, Controller, Satellite, Phased 2017 \$10,556.00; 2018 \$10,714.00; 2019 \$10,875.00 Total amount for 2017 through 2019: \$ 32,145.00
Bids Received:	Nu-Leaf: Weathermatic - \$114,120 or \$3,170 x 36 months
Rationale:	Based on this information provided in the background (above), the proposal submitted by Weathermatic for the leasing program can be implemented at a lower cost.
Management Recommendation:	Management recommends the lease program proposed by Weathermatic.
Motion on Agenda:	Motion to approve the irrigation system upgrade through a 36-month capital lease totaling \$114,120.00 with Weathermatic, at a monthly rate of \$3,170.00, or \$38,040 annually – CROA Replacement Reserve Expenditure

WEATHER-MATIC COST COMPARISON SHEET

Product	Quantity	Unit WM	Unit Nu-Leaf	Total WM	Total Nu-Leaf	
16 Zone Bundle	20	1,656	2,198	33,120	43,960	
24 Zone Bundle	1	1,764	2,598	1,764	2,598	
48 Zone Bundle	1	1,980	2,998	1,980	2,998	
48 Zone Flow	1	2,016	2,016	2,016	2,016	Assumed
2" Flow Master	22	396	396	8,712	8,712	Assumed
3" Flow Master	1	900	840	900	840	
4" Flow Master	1	432	896	432	896	
Wire Ride	23	756	1,624	17,388	37,352	
Single Zone Decoder	10	360	158	3,600	1,580	
Surge	2	252	252	504	504	Assumed
Enclosure 24 Zone	20	900	1,882	18,000	37,648	
Enclosure 96 Zone	1	1,008	2,029	1,008	2,029	
Advance Install	92	252	300	23,184	27,600	Assumed
Pedestal Install	21	72	100	1,512	2,100	Assumed
TOTAL				114,120	170,833	

Assumed = Cost unavailable from Nu-Leaf.



Smart Irrigation Upgrade Proposal Overview

January 9, 2019

Proprietary and Confidential

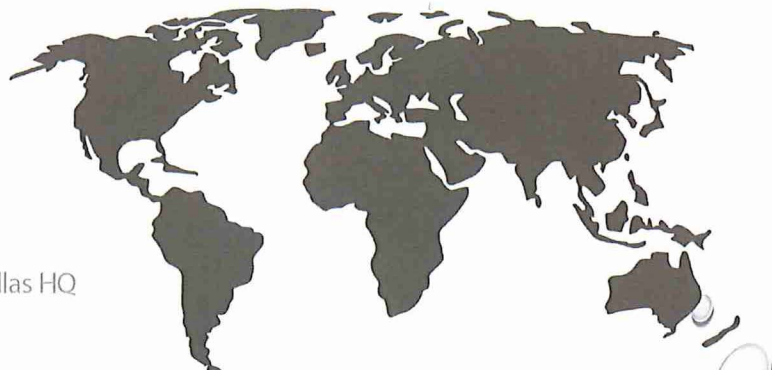


The Smart Irrigation Leader

More than 500,000 Smart Controllers Installed!

 Born 1945

 85 Countries





Certifications and Awards

- ✓ Consumer's Digest Best Buy
- ✓ 15-year record of reliability, performance and water savings with intelligent irrigation controllers
- ✓ Average national water savings of 38% annually
- ✓ EPA Water Sense Certified & Labeled



Some Valued Clients

Publix.

Ucla

TEXAS A&M
UNIVERSITY.



CLEMSON
UNIVERSITY

Bank of America.



REGIONS



CBRE

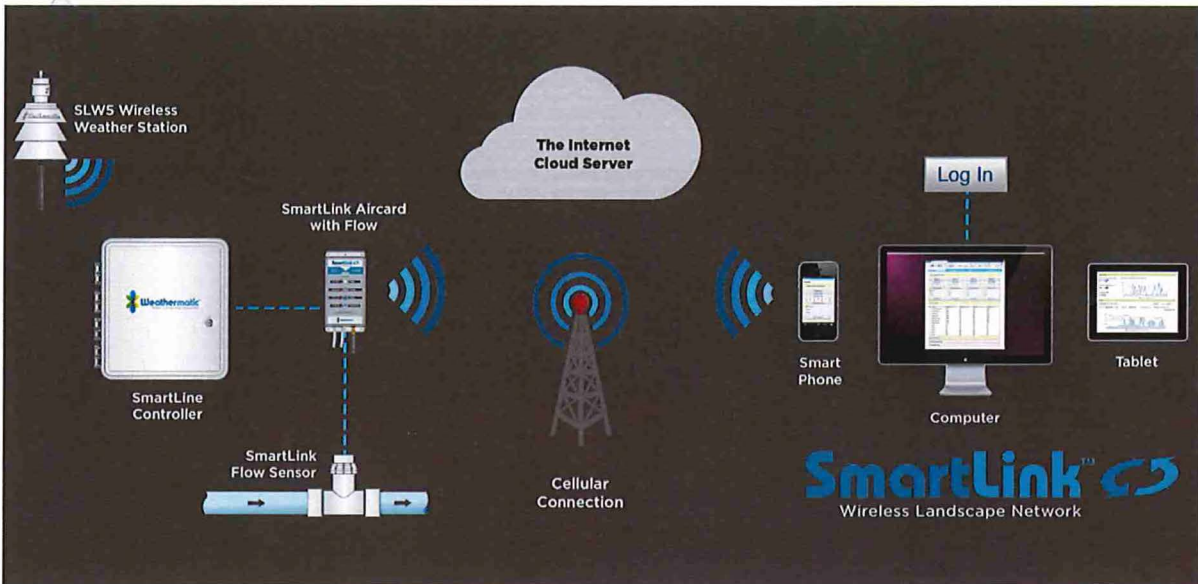
JLL

JPMorgan Chase

GGP



Cloud-Based Platform



Smart Controllers



- Weather-Based
- Daily Adjustments
- Cloud Connected

Site Specific:

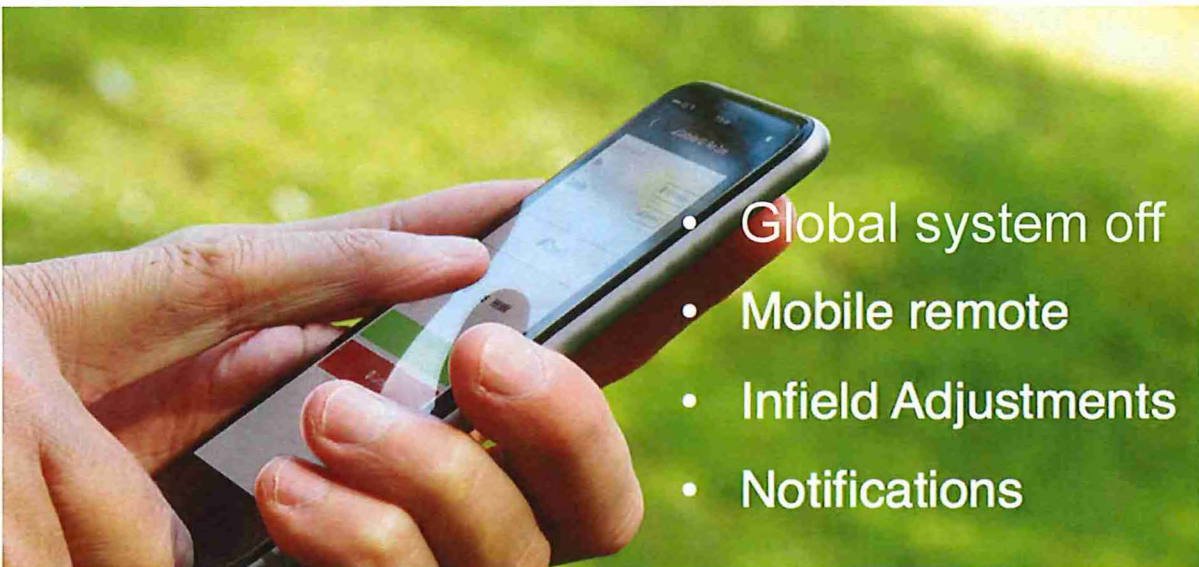
- Soil Type
- Plant Type
- Sprinkler Type
- Slope and more...



On-Site, Hyper-local Sensors



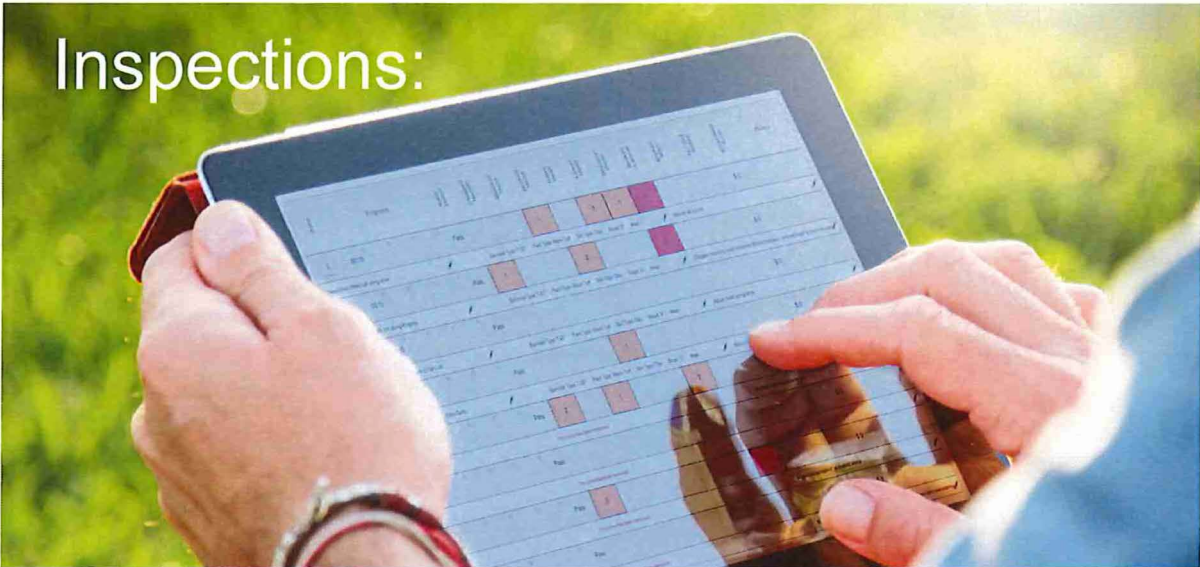
Mobile Remote Access



- Global system off
- Mobile remote
- Infield Adjustments
- Notifications



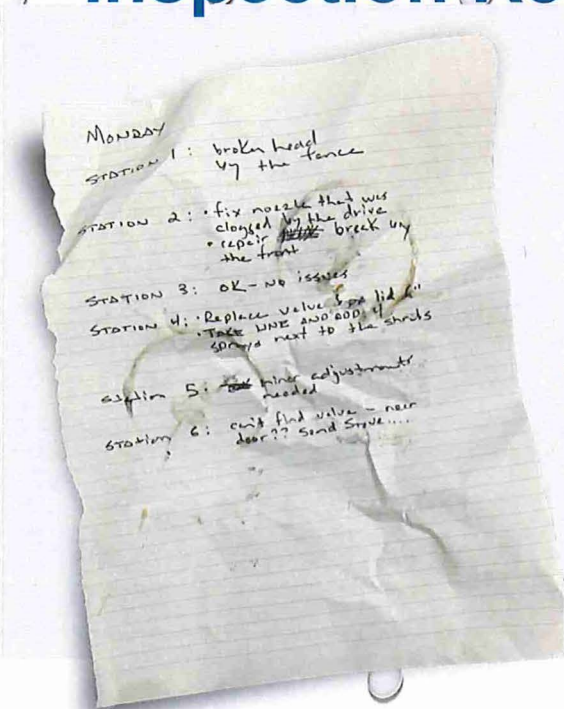
Inspections:



- Gain Visibility and Maintain Oversight
- Monitor System Performance
- Accountability to Repairs and Accuracy



Inspection Reports w/ Photos



vs.

BAC 8.2-243 2nd 8/14/2014
 Date: Aug 14, 2014 1:53 PM
 Modified: 8/14/2014

Weathermatic

Site	Contractor	Inspection Date as of 8/14/2014	Notes
Site 1	Contractor 1	8/14/2014	1 of 6 photos taken in compliance with the state
Site 2	Contractor 2	8/14/2014	1 of 6 photos taken in compliance with the state
Site 3	Contractor 3	8/14/2014	1 of 6 photos taken in compliance with the state
Site 4	Contractor 4	8/14/2014	1 of 6 photos taken in compliance with the state
Site 5	Contractor 5	8/14/2014	1 of 6 photos taken in compliance with the state
Site 6	Contractor 6	8/14/2014	1 of 6 photos taken in compliance with the state

Location	Value Status	Checked	Problem	Problem	Problem	Problem	Problem	Problem	Problem	Problem	Problem	Problem	Problem	Problem	Problem	Problem	Problem	Problem	Problem
1	Head Sprinkler	Pass																	
2	Valve	Pass																	
3	Line	Pass																	
4	Head	Pass																	
5	Head	Pass																	
6	Head	Pass																	
7	Line	Pass																	
8	Head	Pass																	
9	Head	Pass																	
10	Head	Pass																	
11	Head	Pass																	
12	Head	Pass																	

Photo 16
 Photo 17
 Photo 18



Monitoring & Reporting:

Ability to track and report on performance

Data Analytics:

- ✓ Water use
- ✓ Inspections
- ✓ Repairs



Asset Mapping of Property



Group	Controller	Zone	Type	Serial	Color	Notes
Zone	Virtual Test	Zone 1	Water Meter	12345	Green	
Zone	Shadow Gen		Rain Sensor		Red	
Zone	Shadow Gen		Water Meter	555444	Green	
Zone	Shadow Gen		Water Meter		Green	
Zone	Shadow Gen	9 Front Flower Beds	Zone			

1,416 total assets



Total Equipment Protection Plan

- Provides the community with peace of mind
- Industry only total coverage of the smart control system
- Coverage includes lightning, theft and physical damage
- Avoid surprise expenses if equipment fails
- Provides fixed cost of ownership
- Eliminates need to plan for capital replacement costs
- All data and program settings are backed up in the Amazon Web Services (AWS) cloud



Equipment

- Twenty (20) 16-zone with flow, one (1) 24-zone with flow, one (1) 48-zone with flow and one (1) 48-zone 2-wire control system with flow bundles (controller, weather station, Aircard, SmartLink service plan and TEP warranty).
- Twenty-three (23) flow sensor and master valve assemblies
- Twenty-three (23) wire rides
- Fifty (50) single-zone decoders
- Ten (10) surge protectors
- Twenty-one (21) stainless steel pedestals with enclosures

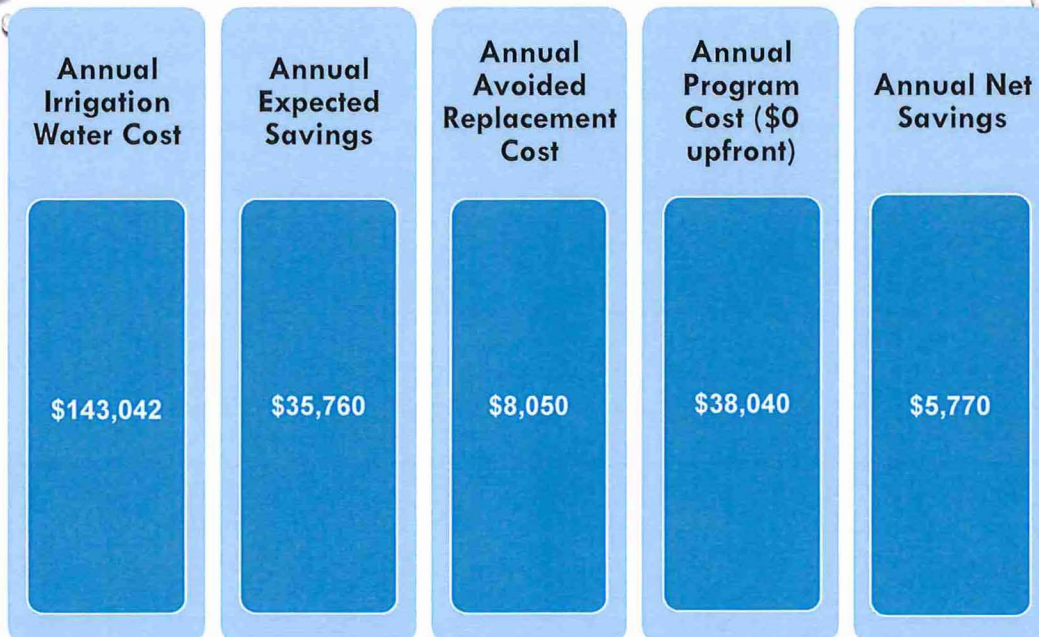


Capital Lease Program

- Celebration would enter into a 36-month capital lease agreement
- Upfront Payment: \$0 (alternative: pay \$62K down from reserves)
- Monthly Payment: \$3,170/mo (OR with \$62K down: \$1,448/mo)
- No. of Payments: 36
- Includes equipment, software, installation and training
- After initial 36-month term, all equipment is owned by the community which can elect to continue the SmartLink annual service plan w/ flow which is currently \$390 per year per controller
- Service plan includes Total Equipment Protection Warranty



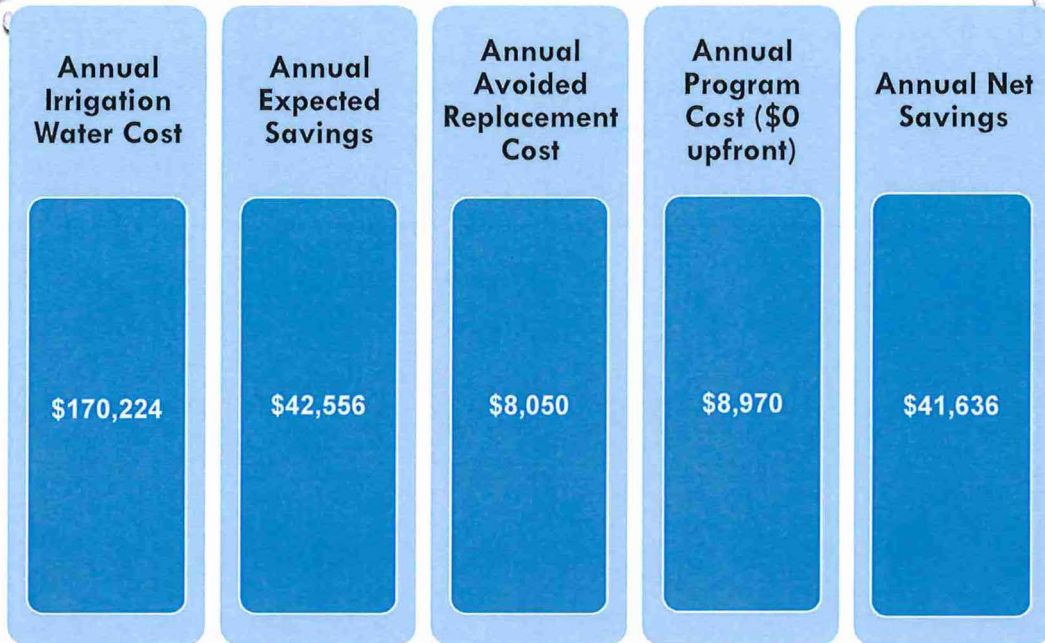
Savings Years 1-3



- 2017 irrigation water spend was \$138,150 so using 3 year blended
- 3.5% annual water cost increase factor used
- 25% annual water savings calculated



Savings Years 4-10



- 2017 irrigation water spend was \$138,150 so using 3 year blended
- 3.5% annual water cost increase factor used
- 25% annual water savings calculated



10-Year Savings Analysis

Annual irrigation water spend in 2017	= \$138,150
Annual water cost increase factor	= 3.5%
Annual forecasted water savings	= 25%
Avg. price per control bundle (initial 36-months)	= \$137.83 per month
Ongoing service plan (after 36-months)	= \$32.50 per month
Avoided capital replacement cost (calculated at \$3,500 each for new Maxicom controllers including install and service cost)	= \$8,050 per year

10 Year Cost Benefit Analysis - Celebration w/ Flow

10-Year Cash Flow Savings Analysis						
	Annual Water Cost (for Irrigation)	Annual Program Cost	Avoided Controller Replacement Cost	Annual Water Savings	Annual Net Benefit	Cumulative Net Benefit
Year 1	\$138,150	\$38,040	(\$8,050)	\$34,538	\$4,548	\$4,548
Year 2	\$142,985	\$38,040	(\$8,050)	\$35,746	\$5,756	\$10,304
Year 3	\$147,990	\$38,040	(\$8,050)	\$36,997	\$7,007	\$17,311
Year 4	\$153,169	\$8,970	(\$8,050)	\$38,292	\$37,372	\$54,684
Year 5	\$158,530	\$8,970	(\$8,050)	\$39,633	\$38,713	\$93,396
Year 6	\$164,079	\$8,970	(\$8,050)	\$41,020	\$40,100	\$133,496
Year 7	\$169,822	\$8,970	(\$8,050)	\$42,455	\$41,535	\$175,031
Year 8	\$175,765	\$8,970	(\$8,050)	\$43,941	\$43,021	\$218,053
Year 9	\$181,917	\$8,970	(\$8,050)	\$45,479	\$44,559	\$262,612
Year 10	\$188,284	\$8,970	(\$8,050)	\$47,071	\$46,151	\$308,763

Note: Labor cost includes installation of the controller, weather station, Aircard, flow sensor and pedestal based upon normal conditions (i.e. point of connections (POC) no more than 2 feet from surface). If actual installation conditions differ or are outside of scope additional costs may apply.



10-Year Savings w/\$62K Down

Annual irrigation water spend in 2017	= \$138,150
Annual water cost increase factor	= 3.5%
Annual forecasted water savings	= 25%
Avg. price per control bundle (initial 36-months)	= \$137.83 per month
Ongoing service plan (after 36-months)	= \$32.50 per month
Avoided capital replacement cost (calculated at \$3,500 each for new Maxicom controllers including install and service cost)	= \$8,050 per year

10 Year Cost Benefit Analysis - Celebration w/ Flow						
10-Year Cash Flow Savings Analysis						
	Annual Water Cost (for irrigation)	Annual Cost \$62K down	Avoided Controller Replacement Cost	Annual Water Savings	Annual Net Benefit	Cumulative Net Benefit
Year 1	\$138,150	\$17,371	(\$8,050)	\$34,538	\$25,217	\$25,217
Year 2	\$142,985	\$17,371	(\$8,050)	\$35,746	\$26,425	\$51,642
Year 3	\$147,990	\$17,371	(\$8,050)	\$36,997	\$27,676	\$79,318
Year 4	\$153,169	\$8,970	(\$8,050)	\$38,292	\$37,372	\$116,691
Year 5	\$158,530	\$8,970	(\$8,050)	\$39,633	\$38,713	\$155,403
Year 6	\$164,079	\$8,970	(\$8,050)	\$41,020	\$40,100	\$195,503
Year 7	\$169,822	\$8,970	(\$8,050)	\$42,455	\$41,535	\$237,038
Year 8	\$175,765	\$8,970	(\$8,050)	\$43,941	\$43,021	\$280,060
Year 9	\$181,917	\$8,970	(\$8,050)	\$45,479	\$44,559	\$324,619
Year 10	\$188,284	\$8,970	(\$8,050)	\$47,071	\$46,151	\$370,770

Note: Labor cost includes installation of the controller, weather station, Aircard, flow sensor and pedestal based upon normal conditions (i.e. point of connections (POC) no more than 2 feet from surface). If actual installation conditions differ or are outside of scope additional costs may apply.



How Celebration Benefits

- Valuable technology upgrade with zero impact to reserves
- Significant water savings (avg. 20%-50%)
- Improved landscape health and beauty
- Protection against landscape loss
- Automated watering based on real-time weather
- Water restriction compliance / \$\$\$ fine avoidance
- Participation in Save Water I Give Life global initiative



REDUCES - SLIP AND FALL RISK



REDUCES - CRACKED PARKING WALKWAYS



Proven Results...

"I was concerned that any water reduction would stress our turf and vegetation, resulting in brown unhealthy landscaping. Our common areas have never been healthier and our property looks so good you wouldn't believe we are saving 50% on our water costs."

*President of Board of Directors - Stonebridge Ranch
McKinney, Texas*

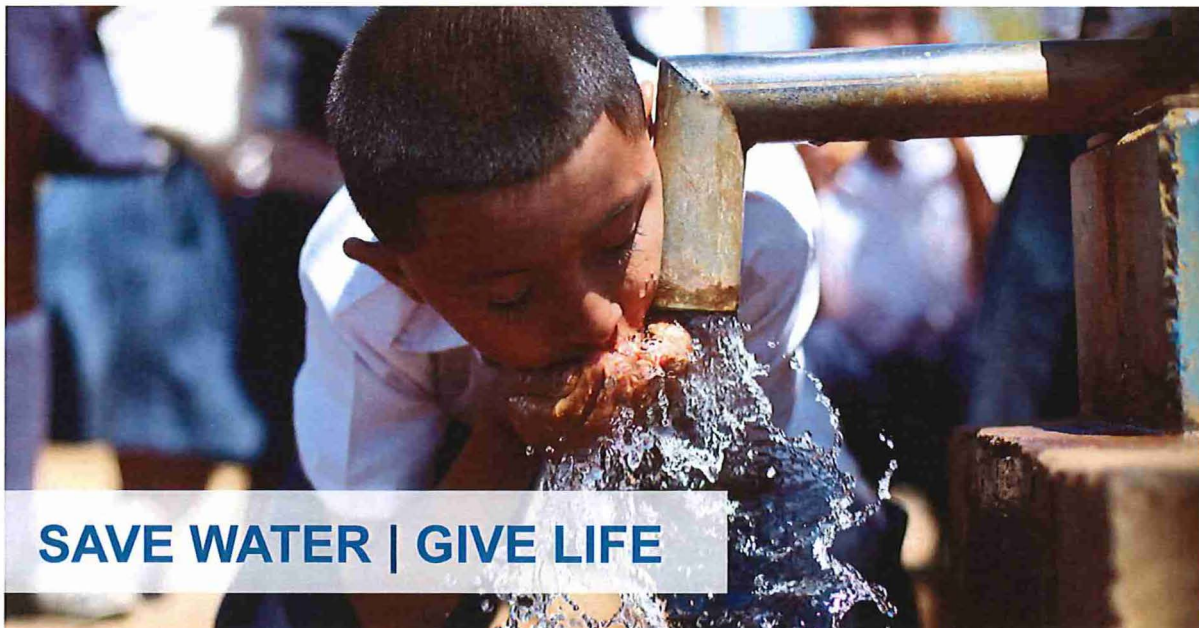
"We have saved over 22 million gallons per year and reduced our water spend by well over 30% each and every year. At the same time our landscape has gotten more consistent and our residents couldn't be happier with the overall more beautified landscape."

*General Manager - Shadow Wood
Estero, Florida*

Save Water. Grow Reserves. Improve Quality of Landscape.



Product with Purpose



Make Water Your Social Cause



For every **Gallon** saved from landscape irrigation



We give a **Gallon** to global clean water projects



Thank You

We appreciate the opportunity to provide you with this innovative Smart Irrigation Upgrade overview

Brodie Bruner
972-679-6647

Brodie.Bruner@weathermatic.com



**36 Month Zero Down Financing - Schedule A
Detail of Equipment, Services and Payments**

Customer Name _____	Sales Order _____
Date _____	

Zero Down Product Description	Quantity	Total 36 Month Price per Unit	Total 36 Month Price	Monthly Payment per Unit	Total Monthly Payment	Total Financed Payment	Rebate to Distributor	Total Rebate to Distributor
Basic Bundle								
8 Zone Standard Bundle	-	\$ 972.00	\$ -	\$ 27.00	\$ -	\$ -	\$ 59.00	\$ -
16 Zone Standard Bundle	-	\$ 1,296.00	\$ -	\$ 36.00	\$ -	\$ -	\$ 99.00	\$ -
24 Zone Standard Bundle	-	\$ 1,404.00	\$ -	\$ 39.00	\$ -	\$ -	\$ 99.00	\$ -
48 Zone Standard Bundle	-	\$ 1,620.00	\$ -	\$ 45.00	\$ -	\$ -	\$ 99.00	\$ -
48 Zone 2-Wire Bundle	-	\$ 1,656.00	\$ -	\$ 46.00	\$ -	\$ -	\$ 199.00	\$ -
96 Zone 2-Wire Bundle	-	\$ 2,160.00	\$ -	\$ 60.00	\$ -	\$ -	\$ 199.00	\$ -
48 Zone Solar Bundle	-	\$ 4,680.00	\$ -	\$ 130.00	\$ -	\$ -	\$ 299.00	\$ -
96 Zone 2-Wire Solar Bundle	-	\$ 5,400.00	\$ -	\$ 150.00	\$ -	\$ -	\$ 399.00	\$ -
Aircard and Service Bundle	-	\$ 972.00	\$ -	\$ 27.00	\$ -	\$ -	\$ 50.00	\$ -
Basic Flow Connectivity Bundle								
16 Zone Flow Connectivity Bundle	20	\$ 1,656.00	\$ 33,120.00	\$ 46.00	\$ 920.00	\$ 33,120.00	\$ 99.00	\$ 1,980.00
24 Zone Flow Connectivity Bundle	1	\$ 1,764.00	\$ 1,764.00	\$ 49.00	\$ 49.00	\$ 1,764.00	\$ 99.00	\$ 99.00
48 Zone Flow Connectivity Bundle	1	\$ 1,980.00	\$ 1,980.00	\$ 55.00	\$ 55.00	\$ 1,980.00	\$ 99.00	\$ 99.00
48 Zone 2-Wire Flow Connectivity Bundle	1	\$ 2,016.00	\$ 2,016.00	\$ 56.00	\$ 56.00	\$ 2,016.00	\$ 199.00	\$ 199.00
96 Zone 2-Wire Flow Connectivity Bundle	-	\$ 2,520.00	\$ -	\$ 70.00	\$ -	\$ -	\$ 199.00	\$ -
48 Zone Solar Flow Connectivity Bundle	-	\$ 5,580.00	\$ -	\$ 155.00	\$ -	\$ -	\$ 299.00	\$ -
96 Zone 2-Wire Solar Flow Connectivity Bundle	-	\$ 6,300.00	\$ -	\$ 175.00	\$ -	\$ -	\$ 399.00	\$ -
Flow Aircard and Service Bundle	-	\$ 1,332.00	\$ -	\$ 37.00	\$ -	\$ -	\$ 50.00	\$ -
Flow Sensing Equipment								
1" Flow Sensor and Master Valve Assembly	-	\$ 324.00	\$ -	\$ 9.00	\$ -	\$ -	\$ 25.00	\$ -
1.5" Flow Sensor and Master Valve Assembly	-	\$ 360.00	\$ -	\$ 10.00	\$ -	\$ -	\$ 25.00	\$ -
2" Flow Sensor and Master Valve Assembly	22	\$ 396.00	\$ 8,712.00	\$ 11.00	\$ 242.00	\$ 8,712.00	\$ 25.00	\$ 550.00
3" Flow Sensor and Master Valve	1	\$ 900.00	\$ 900.00	\$ 25.00	\$ 25.00	\$ 900.00	\$ 50.00	\$ 50.00
4" Flow Sensor	1	\$ 432.00	\$ 432.00	\$ 12.00	\$ 12.00	\$ 432.00	\$ 25.00	\$ 25.00
Wire Ride	23	\$ 756.00	\$ 17,388.00	\$ 21.00	\$ 483.00	\$ 17,388.00	\$ 50.00	\$ 1,150.00
2-Wire Components								
Single-Zone Decoders - Must be ordered in multiples of 5	10	\$ 360.00	\$ 3,600.00	\$ 10.00	\$ 100.00	\$ 3,600.00	\$ 25.00	\$ 250.00
Four-Zone Decoders - Must be ordered in multiples of 5	-	\$ 1,080.00	\$ -	\$ 30.00	\$ -	\$ -	\$ 50.00	\$ -
Surge Protectors - Must be ordered in multiples of 5	2	\$ 252.00	\$ 504.00	\$ 7.00	\$ 14.00	\$ 504.00	\$ 25.00	\$ 50.00
Pedestals								
Stainless Steel Pedestal - up to 24 Zones	-	\$ 468.00	\$ -	\$ 13.00	\$ -	\$ -	\$ 25.00	\$ -
Stainless Steel Pedestal - up to 96 Zones	-	\$ 468.00	\$ -	\$ 13.00	\$ -	\$ -	\$ 25.00	\$ -
Stainless Steel Pedestal with Enclosure - up to 24 Zones	20	\$ 900.00	\$ 18,000.00	\$ 25.00	\$ 500.00	\$ 18,000.00	\$ 25.00	\$ 500.00
Stainless Steel Pedestal with Enclosure - up to 96 Zones	1	\$ 1,008.00	\$ 1,008.00	\$ 28.00	\$ 28.00	\$ 1,008.00	\$ 25.00	\$ 25.00
Installation Labor - Minimum Quantity 30; No 2-Wire								
Basic Install - Existing Wall Mount	-	\$ 180.00	\$ -	\$ 5.00	\$ -	\$ -		
Advanced Install	92	\$ 252.00	\$ 23,184.00	\$ 7.00	\$ 644.00	\$ 23,184.00		
Pedestal Install Adder - Existing Pedestal	21	\$ 72.00	\$ 1,512.00	\$ 2.00	\$ 42.00	\$ 1,512.00		
36 Month Bundle Cost excluding sales tax			\$ 114,120.00		\$ 3,170.00	\$ 114,120.00		\$ 4,977.00

Action Item 3

Final 2019 Reserve Study Funding Analysis

		Number of Units	Study Reserve Contributions for each Calendar Year				
			2019	2020	2021	2022	2023
CROA	4,321	2019 study		805,000	821,905	839,165	856,787
		2016 study	606,800	615,900	625,100	634,500	644,000
		Increase (Decrease)		189,100	196,805	204,665	212,787
Savannah Square	17	2019 study		40,000	40,800	41,700	42,600
		2016 study	37,000	37,600	38,200	38,800	39,400
		Increase (Decrease)		2,400	2,600	2,900	3,200
Academy Row	59	2019 study		114,500	116,900	119,400	121,900
		2016 study	126,900	128,800	130,700	132,700	134,700
		Increase (Decrease)		(14,300)	(13,800)	(13,300)	(12,800)
North Village (Charlestown Place)	29	2019 study		58,300	59,500	60,700	62,000
		2016 study	49,700	50,400	51,200	52,000	52,800
		Increase (Decrease)		7,900	8,300	8,700	9,200
Roseville Corner	44	2019 study		78,000	79,600	81,300	83,000
		2016 study	74,200	75,300	76,400	77,500	78,700
		Increase (Decrease)		2,700	3,200	3,800	4,300
South Village	39	2019 study		77,500	79,100	80,800	82,500
		2016 study	70,000	71,100	72,200	73,300	74,400
		Increase (Decrease)		6,400	6,900	7,500	8,100
East Village Duplexes	6	2019 study		10,000	10,200	10,400	10,600
		2016 study	7,700	7,800	7,900	8,000	8,100
		Increase (Decrease)		2,200	2,300	2,400	2,500
Golden Astor	3	2019 study		4,500	4,600	4,700	4,800
		2016 study	3,600	3,700	3,800	3,900	4,000
		Increase (Decrease)		800	800	800	800
EV - Blue Sage	12	2019 study		30,000	24,000	24,500	25,000
		2016 study	24,100	24,500	24,900	25,300	25,700
		Increase (Decrease)		5,500	(900)	(800)	(700)
EV - Oak Pond	6	2019 study		35,000	13,000	13,300	13,600
		2016 study	11,400	11,600	11,800	12,000	12,200
		Increase (Decrease)		23,400	1,200	1,300	1,400
Greenlawn	20	2019 study		43,000	43,900	44,800	45,700
		2016 study	33,000	33,500	34,000	34,500	35,000
		Increase (Decrease)		9,500	9,900	10,300	10,700
Parkview	47	2019 study		195,000	195,000	195,000	129,000
		2016 study	116,600	118,300	120,100	121,900	115,000
		Increase (Decrease)		76,700	74,900	73,100	14,000
Spring Lake	109	2019 study		231,000	235,900	240,900	246,000
		2016 study	157,700	160,100	162,500	164,900	167,400
		Increase (Decrease)		70,900	73,400	76,000	78,600

CROA Reserve Study 30 Year Expenditures Comparison									
	Parks	Pool & pool house	Heritage Hall	Maint. Buidling	851 Buidling	Sub-Total	Dog Park	Athletic Complex	Total
2019 study	18,718,900	6,828,857	804,903	28,360	3,364,207	29,745,227	1,188,505	3,456,151	34,389,883
2016 study	14,435,039	5,426,659	536,129	100,639	2,535,936	23,034,402	0	0	23,034,402
Incr (Decr) \$	4,283,861	1,402,198	268,774	(72,279)	828,271	6,710,825	1,188,505	3,456,151	11,355,481
Incr (Decr) %	30%	26%	50%	-72%	33%	29%	N/A	N/A	49%
2019 avg expense	623,963	227,629	26,830	945	112,140	991,508	39,617	115,205	1,146,329
Average funding 2020 - 2023	452,170	164,956	19,443	685	81,265		28,709	83,486	830,714

2019 CROA Reserve Study Expenditures & Funding Analysis

Year	Parks	Pools & pool houses	Heritage Hall	Maint. Buidling	851 Buidling	Dog Park	Athletic Complex	Total		Funding 2.1%	Interest 1.7%	Year End Reserves
2019												846,111
1 2020	309,990	227,274	74,329	7,938	69,020	8,168	-	696,719		805,000	15,304	969,696
2 2021	570,924	202,464	-	-	101,950	-	-	875,338		821,905	16,031	932,294
3 2022	499,565	201,905	28,524	-	204,458	51,088	-	985,540		839,165	14,605	800,524
4 2023	276,680	56,733	5,759	-	-	20,066	8,693	367,931		856,787	17,764	1,307,144
5 2024	630,351	234,794	6,213	1,220	36,974	8,876	60,579	979,007		874,780	21,336	1,224,253
6 2025	218,980	143,074	15,633	-	312,993	-	8,609	699,289		893,150	22,460	1,440,574
7 2026	658,412	195,579	-	-	104,296	9,253	28,915	996,455		911,907	23,771	1,379,797
8 2027	454,295	242,012	-	-	162,962	54,911	9,447	923,627		931,057	23,520	1,410,746
9 2028	447,716	89,790	96,213	1,326	133,589	17,441	-	786,075		950,609	25,381	1,600,661
10 2029	498,592	211,757	36,438	-	103,650	14,772	470,981	1,336,190		970,572	24,103	1,259,146
11 2030	637,744	230,151	-	-	31,170	10,055	-	909,120		990,954	22,101	1,363,081
12 2031	581,296	213,150	-	-	-	-	20,018	814,464		1,011,764	24,849	1,585,230
13 2032	458,255	108,747	7,337	1,441	307,763	193,909	-	1,077,452		1,033,011	26,571	1,567,360
14 2033	443,239	241,815	-	-	-	8,650	33,443	727,147		1,054,704	29,429	1,924,346
15 2034	558,622	181,458	-	-	102,435	10,926	199,405	1,052,846		1,076,853	32,918	1,981,271
16 2035	673,215	132,730	7,391	9,308	26,077	16,733	11,156	876,610		1,099,467	35,576	2,239,703
17 2036	877,707	516,220	15,946	1,566	50,010	11,390	-	1,472,839		1,122,555	35,098	1,924,517
18 2037	467,095	85,649	7,704	-	200,605	273,870	11,048	1,045,971		1,146,129	33,568	2,058,243
19 2038	509,562	189,668	110,127	-	32,206	21,471	-	863,034		1,170,198	37,601	2,403,008
20 2039	581,249	242,658	18,563	-	127,593	-	831,401	1,801,464		1,194,772	35,694	1,832,010
21 2040	958,018	161,603	112,634	1,702	181,523	12,377	38,679	1,466,536		1,219,862	29,047	1,614,383
22 2041	739,194	502,271	-	-	-	18,956	-	1,260,421		1,245,479	27,318	1,626,759
23 2042	973,277	263,053	-	-	309,827	77,417	-	1,623,574		1,271,634	24,663	1,299,483
24 2043	519,297	140,436	9,222	-	-	10,648	47,754	727,357		1,298,339	26,945	1,897,409
25 2044	850,391	216,215	49,766	1,849	56,028	13,450	364,167	1,551,866		1,325,604	30,333	1,701,479
26 2045	916,824	215,331	-	-	50,296	-	-	1,182,451		1,353,441	30,379	1,902,848
27 2046	1,005,072	298,125	-	-	113,923	14,021	-	1,431,141		1,381,864	31,930	1,885,500
28 2047	701,507	303,146	47,420	-	354,312	283,627	59,052	1,749,064		1,410,883	29,179	1,576,498
29 2048	864,598	390,807	145,797	2,010	33,480	26,430	-	1,463,122		1,440,511	26,608	1,580,495
30 2049	837,233	390,242	9,887	-	157,067	-	1,252,804	2,647,233		1,470,762	16,868	420,893
	18,718,900	6,828,857	804,903	28,360	3,364,207	1,188,505	3,456,151	34,389,883		33,173,714	790,950	

34,389,883

33,964,665

(425,218)

		2016 Reserve Study Expenditures					
Year		Parks	Pools	Heritage Hall	Maint. Buidling	851 Buidling	Total
1	2017	535,907	292,609	5,379	8,526	150,042	992,463
2	2018	480,212	108,811	56,662	-	85,611	731,296
3	2019	189,685	200,005	-	3,555	13,594	406,839
4	2020	331,188	45,054	-	7,801	-	384,043
5	2021	381,164	197,682	5,710	3,663	284,727	872,946
6	2022	419,610	152,207	-	-	153,629	725,446
7	2023	373,967	126,619	47,724	3,773	-	552,083
8	2024	416,343	171,876	-	1,183	14,644	604,046
9	2025	318,285	171,793	17,494	3,888	7,775	519,235
10	2026	365,182	141,817	-	-	35,977	542,976
11	2027	311,521	37,342	6,243	4,005	166,120	525,231
12	2028	392,118	229,936	41,847	1,255	180,061	845,217
13	2029	308,760	200,261	47,329	4,126	15,776	576,252
14	2030	567,681	97,047	-	-	12,933	677,661
15	2031	490,334	170,563	-	4,251	83,766	748,914
16	2032	404,737	126,683	-	1,332	173,597	706,349
17	2033	477,122	196,037	51,908	4,379	20,351	749,797
18	2034	463,124	193,552	-	-	30,722	687,398
19	2035	688,546	143,312	-	12,872	-	844,730
20	2036	679,969	279,552	47,140	1,414	9,159	1,017,234
21	2037	592,671	373,229	20,916	11,483	192,790	1,191,089
22	2038	599,046	133,200	48,565	-	121,828	902,639
23	2039	423,286	208,890	7,464	4,788	18,309	662,737
24	2040	851,260	175,972	-	1,501	109,786	1,138,519
25	2041	578,592	330,744	7,690	4,933	14,509	936,468
26	2042	643,139	192,114	-	-	206,915	1,042,168
27	2043	309,880	113,605	82,214	5,082	-	510,781
28	2044	476,397	229,188	33,682	1,593	30,041	770,901
29	2045	792,660	183,759	8,162	5,236	-	989,817
30	2046	572,653	203,200	-	-	403,274	1,179,127
		14,435,039	5,426,659	536,129	100,639	2,535,936	23,034,402