

SUSTAINABLE SEBASTIAN 5-YEAR IMPLEMENTATION PLAN



	SUMMARY	CITY BUDGET APPROVAL REQ'D					COLLABORATING ENTITY	COST TO DATE	TOTAL COST	NRB CHAMPION	UPDATE	HYPERLINKS	END DATE
		CITY BUDGET APPROVAL REQ'D	NRB BUDGET APPROVAL POSSIBLE	GRANT ASSISTANCE POSSIBLE	PUBLIC VOLUNTEERS NEEDED	NRB BUDGET APPROVAL REQ'D							
I. SUPPORT THE OVERALL REDUCTION IN THE USE OF SINGLE-USE PLASTICS BY THE CITY AND ITS BUSINESS COMMUNITY BY ASSISTING AND PROMOTING KEEP INDIAN RIVER BEAUTIFUL'S (KIRB) AND KEEP BREVARD BEAUTIFUL'S (KBB) LITTER QUITTER (LQ) AND SURFRIDER FOUNDATION'S OCEAN FRIENDLY RESTAURANTS (OFR) PROGRAMS AND THROUGH THE IDENTIFICATION OF ALTERNATIVE PRODUCTS	GOAL 1	CREATE COMMUNITY/ BUSINESS AWARENESS OF LITTER QUITTER PROGRAM AND CERTIFY LOCAL BUSINESSES					Keep Indian River Beautiful (KIRB)			Jessica Lovell	PROGRAM ON HOLD AS OF 4/7/20, DUE TO COVID19 PRECAUTIONS	KBB LQ Website	
	1A	Arrange meeting with Chamber of Commerce to discuss business outreach partnership					Chamber of Commerce					Sebastian Chamber	
	1B	Create information packets for businesses, including Surfrider OFR info	X				KBB, Surfrider Foundation					Surfrider Local Chapter	
	1C	Estimate annual costs of restaurant promotional materials and submit for budget approval	X			X	Community Development Dept				materials to include: coasters, table tents, window stickers KIRB to redesign KBB's program logo with their name		
	1D	Work with KBB and KIRB to register current volunteers into the certification system				X	Keep Brevard Beautiful (KBB)				KIRB championing LQ Program locally as of 3/12/20, website created	KIRB LQ Page	3/12/2020
	1E	Recruit volunteers and hold more training events, work with KBB to provide online volunteer certification				X	KBB, Comm Dev Dept				First training held on 8/6/19, 10 local volunteers certified NRB LQ Website created & training materials posted online 6/20/20	NRB LQ Page	ongoing
	1F	Develop education and outreach program for local schools				X	KBB, IRC School Board						
	GOAL 2	INCREASE AND/OR ENCOURAGE THE USE OF ENVIRONMENTALLY-FRIENDLY PRODUCTS AT CITY HALL, AS WELL AS AT CITY-SPONSORED EVENTS AND ALL COMMUNITY EVENTS OCCURRING ON CITY PROPERTY					Procurement Dept						
	2A	Create a comparison sheet of commonly used restaurant products as part of the LQ infor packet					Edward Donn, KBB			Dr. Jeff Carrier	Comparison sheet completed on 4/10/21, posted on NRB LQ Page	NRB LQ Page	4/10/2021
	2B	Create a comparison sheet of all products used in City Hall breakrooms and at City Staff events and present estimated annual cost for budget approval	X				Community Development Dept				Items ordered by Maintenance Dept annually, due to COVID precautions, the City remains overstocked, changes to be proposed FY2023		
2C	Incorporate info about all products and costs into event vendor packets					Leisure Services Dept							
2D	Incorporate the reduction of single-use plastics at events into Parks Master Plan					Leisure Services Dept							
GOAL 3	SUPPORT THE LEAVE NO TRACE (LNT) ETHICS PROGRAM AS IMPLEMENTED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION'S (DEP) AQUATIC PRESERVES PROGRAM					FDEP Aquatic Preserves Program			Ruth Callaghan				
	3A	Coordinate with the Aquatic Preserves Program staff to discuss how the NRB can assist in promoting LNT Ethics				Community Development Dept				FDEP addressed NRB Board at 2/8/22 Meeting Brought LNT Outreach materials for local distribution by NRB & Outreach planned for Earth Day Event, 4/23/22	FDEP Local Preserve Site	2/8/2022	
	3B	Discuss methods for boater outreach to keep our spoil islands trash-free through the Aquatic Preserves Program's Spoil Island Project				X	Marine Industries Association				Participated in TC Waterway cleanup on 7/24/21: 350 lbs of trash Next Cleanup: 4/23/22 with KIRB at Earth Day Event, 4/23/22	TC Cleanup Event Website	twice annually
II. SUPPORT LANDSCAPING PRACTICES WHICH PROMOTE A HEALTHY, NATIVE ECOSYSTEM BY ASSISTING AND PROMOTING KIRB'S LAGOON FRIENDLY LAWNS AND UNIVERSITY OF FLORIDA'S (UF) INSTITUTE OF FOOD AND AGRICULTURAL SERVICES' (IFAS) FLORIDA FRIENDLY LANDSCAPE PROGRAMS	GOAL 4	CREATE COMMUNITY AWARENESS OF AND ENHANCE PARTICIPATION KIRB'S LAGOON FRIENDLY LAWN CERTIFICATION PROGRAM					KIRB					KIRB LFL Website	
	4A	Recruit Board Members and volunteers to nominate themselves and/or their neighbors				X					Summary of program with link to KIRB's LFL website posted on NRB's Landscaping Website 10/18/21	NRB Landscaping Page	ongoing
	4B	Estimate the annual cost of lawn signage for budget approval	X				City's Sign Shop/ KIRB				Yard signs are in violation of City sign ordinance, revision is req'd		
	4C	Create "We Noticed" door hanger as an anonymous way to encourage residents to enroll in program				X							
	GOAL 5	EDUCATE RESIDENTS ON THE BENEFITS OF IMPLEMENTING IFAS' FLORIDA FRIENDLY PRINCIPALS INTO THEIR LANDSCAPE					UF IFAS IRC Office						
	5A	Utilize NRB website to provide links to IFAS information and details on area workshops being held									Collaborated with IFAS to add LFL principles and IFAS website links to NRB Landscaping website on 11/13/20	NRB Landscaping Website	11/13/2020
	5B	Enhance the demonstration gardens annually with new plantings, weeding, mulch and added signage				X	Leisure Services Department				City Hall garden enhanced with plantings on 5/5/20, native wildflower seeds added 3/22/22		ongoing
	5C	Determine cost of demonstration garden improvements for budget approval	X				Leisure Services Department				Consider adding signage, native understory trees, and mulch stuffed 250 tote bags with folders for Earth Day Event 4/24/21, 50 additional folders were left at new homes during final insp.	IRC UF IFAS Website	4/24/2021
	5D	Utilize the UF IFAS Extension Office outreach folders to create more "Homeowner Welcome Packets" and determine methods for getting packets out to more residents									City Hall demo garden installed on 5/15/19 Native Garden installed at Garden Club Park on 6/28/20 UF IFAS to install test plots at parks in fall 2022		ongoing
	5E	Coordinate with local organizations to create native demonstration gardens at City Parks				X	X	Audubon Society, Sebastian Garden Club, Sebastian River Junior Women's Club (SRJWC)					
GOAL 6	SET THE EXAMPLE FOR SUSTAINABLE LANDSCAPES ACROSS CITY PROPERTIES					Leisure Services Dept					Trees for Life Program		
6A	Participate in the Pelican Island Audubon Society's 'Trees for Life' program by planting more trees on City parks and properties					X	Audubon Society		Parks & Rec Board Members	City submitted LOS for grant on 11/14/19. Free trees handed out at 4/24/21 Earth Day Celebration, program link added to NRB Website	NRB Landscaping Website	ongoing	
6B	Encourage native landscaping and mulched areas, decreasing sodded areas, where applicable				X	X	Leisure Services Dept, SW Dept			Incorporated into both City IPM Plans Over 100 Elliotts Lovegrass planted around Riverview Park on 9/11/20 Applied for SW Grant to add shoreline planting to Tulip Pond 4/12/22		ongoing	
III. PROVIDE RECOMMENDATIONS FOR CITY POLICIES AND CODES RELATED TO NATURAL RESOURCES	GOAL 7	PROVIDE INPUT THROUGHOUT THE COMPREHENSIVE PLAN REVIEW PROCESS					Community Development Dept						
	7A	Host a public workshop during the NRB Meeting to discuss the draft of the Conservation and Coastal Management Element								Workshop held at 3/3/20 meeting Further review at 10/6/20 meeting		3/3/20 10/6/20	
	7B	Staff to compile all workshop notes and submit to consultants for inclusion into the final plan								Workshop notes submitted to consultant on 4/20/20 Review notes submitted to consultant on 10/15/20		4/20/20 10/15/20	
	7C	Staff to keep NRB informed of all workshops, Comp Plan related meetings and documents throughout the process								Comp Plan process kicked off on 2/20/20 Final CC adoption on 6/23/21	City Comp Plan 2040	6/23/2021	
	GOAL 8	ASSIST THE CITY IN CREATION OF INTEGRATED PEST MANAGEMENT (IPM) PLANS FOR THE LEISURE SERVICES AND STORMWATER DEPARTMENTS					Community Development Dept						CC Approval Parks IPM: 10/14/20 SW IPM: 9/8/21
	8A	At least three Board Members volunteer to serve on both IPM Sub-Committees								Parks: Brian, Kathy, Thomas SW: Thomas, Donna, Charles	Parks: 2/4/20 NRB Meeting SW: 10/6/20 NRB Meeting	SW IPM Website	10/6/2020
	8B	IPM Sub-Committee presents final plans to NRB for approval before bringing to City Council						Leisure Services Dept, Stormwater Dept			Parks: 8/4/20 NRB Meeting SW: 8/3/21 NRB meeting	Parks IPM Website	8/3/2021
	8C	Annual Reports are brought to the NRB for discussion before presentation to City Council									1st Parks Annual Report: March 2022 1st Stormwater IPM Report: March 2023		annually
	GOAL 9	ASSIST CITY IN REVISION OF THE TREE PROTECTION AND LANDSCAPE ORDINANCES					Community Development Dept				PLAN TO BEGIN PROCESS LATE SUMMER 2022		
	9A	Board Members to volunteer to serve on Sub-Committee									also to include city staff, local scientists, and industry professionals		
9B	Updates and discussion provided at each NRB Meeting												
9C	Final revised ordinances brought to the NRB for approval before being presented to City Council												

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		PUBLIC ASSISTANCE POSSIBLE GRANT APPROVAL REQ'D NRB BUDGET APPROVAL POSSIBLE NRB BUDGET APPROVAL REQ'D CITY BUDGET APPROVAL POSSIBLE CITY BUDGET APPROVAL REQ'D															
		SUMMARY							COLLABORATING ENTITY	COST TO DATE	TOTAL COST	NRB CHAMPION	UPDATE	HYPERLINKS	END DATE		
IV	REDUCING THE CITY'S OPERATIONAL FOOTPRINT BY PROMOTING SUSTAINABLE ENERGY RESOURCES THROUGH THE IMPLEMENTATION OF SUSTAINABLE TECHNOLOGIES, WHERE PRACTICAL	GOAL 10	ADD WATER BOTTLE REFILL STATIONS TO CITY PARKS AND FOUNTAINS														
		10A	Add water bottle refill stations to City parks and fountains	X	X					Community Development Dept, Leisure Services Dept				16 purchased total- installations 4/18-7/15/21 @ 12 parks and properties, including City Hall and Police Dept.		7/15/2021	
		GOAL 11	INCREASE THE AVAILABILITY OF BIKE RACKS AROUND THE CITY														
		11A	Increase availability of bike racks around the City	X	X					Community Development Dept, Leisure Services Dept				16 green recycled plastic bike racks have been purchased, assembled and installed across City by 7/15/21		7/15/2021	
		GOAL 12	INCREASE RECYCLING AWARENESS AND AVAILABILITY TO THE PUBLIC														
		12A	Work with Waste Management to host regular household waste/ shred-it recycle events							Waste Management				contracted with WM to be held once annually, Next Event: 4/23/22 during Earth Day		annually	
		12B	Add information on what is and is not recyclable to NRB Website and COS TV Channel							IRC Solid Waste District				Sue Flak presentation at 8/4/20 NRB Meeting PPT slides provided continually run on COS TV since 10/19/20 & slides and link to IRCSWD website added to NRB Website on 9/21/21	NRB Recycle Website	9/21/2021	
		12C	Define cost and discuss funding assistance for waterfront businesses in acquiring recycling services	X				X		Community Development Dept				also to consider netting for waterfront businesses			
		GOAL 13	INCREASE OPPORTUNITY FOR RESOURCE CONSERVATION AND MAXIMIZE RECYCLING AVAILABILITY WITHIN CITY OPERATIONS														
		13A	Focus on energy efficient choices for planned major City purchases (i.e. lighting, windows, CIP items)							Procurement Dept				12/10/21 First Hybrid and Electric vehicles ordered for Police Dept. & City Fleet, FPL grant for Charge Station at City compound, City Hall		ongoing	
		13B	Ensure that every office and copier has a recycle can							Individual Departments							
		13C	Educational outreach of simple ways to reduce reuse and recycle communicated through emails and signage in gathering areas.							Human Resources							
		13D	Create self-audit criteria for City office operations												30 ways to green office		
		V.	PROTECT AND RESTORE THE WATER QUALITY OF ALL OUR CITY'S WATER BODIES BY SUPPORTING THE CITY'S STORMWATER PROGRAM IN THE CREATION OF TOOLKITS EMPHASIZING BEST MANAGEMENT PRACTICES (BMP), LOW IMPACT DESIGN (LID), AND GREEN INFRASTRUCTURE (GI)	GOAL 14	PROVIDE SUPPORT FOR APPROVED STORMWATER BMP'S												
14A	Board Members to discuss ideas or programs that can support their implementation, especially those under public participation and outreach									Stormwater Dept				SW BMP's incorporated into the SW IPM Plan and program. Stormwater Outreach booth at annual Earth Day Event. SW Website updated 1/12/22	City SW Dept Website	ongoing	
14B	Assist residents and businessowners to understand BMP's and LID's in relation to the Stormwater Fee Credit Program									Community Development Dept				Program Info added to NRB GI/LID Website on 3/4/22 Brochures created & mailed to qualifying property owners on 3/7/22 Stormwater fee credit requests due to City Hall by 6/1/22	NRB GI/LID Website	annually	
GOAL 15	ASSIST IN PLANNING COMMUNITY PRESENTATIONS AT NRB MEETINGS AND/OR OYSTER GARDEN SITE FROM GUEST SPEAKERS AND CITY STAFF ON WATER QUALITY ISSUES											OYSTER GARDEN SITE (FISHERMAN'S LANDING) TEMPORARILY CLOSED FOR REPAIR WORK AS OF NOVEMBER 2021					
15A	Identify topics that are relevant to current water quality concerns in our area and list possible speakers for each topic													LID Community Workshop 12/7/21, Pelican Isl. Audubon Society on 1/4/22, FDEP Aquatic Preserves 2/8/22		ongoing	
15B	Members to volunteer to arrange individual presentations										All Board Members			Speaker slots available at each NRB Meeting, 1st Tuesday of the month		ongoing	
GOAL 16	ASSIST IN THE CREATION OF TOOLKITS FOR GI BMP'S AND PLANNING LID																
16A	Compile summaries and data on the most applicable practices for our City into toolkits that help to assess and improve stormwater management									Stormwater Dept				Comm Dev. Dept staff attended local LID conference 10/28/21 LID & GI Community Workshop held 12/7/21 Created NRB GI/LID Website on 3/4/22	NRB GI/LID Website	12/7/2021	
16B	Review the applicable Ordinances and determine if changes are needed to support and encourage these practices									Community Development Dept				Review and recommendation process began in April, 2022		ongoing	
16C	Review GI Map of the City and determine where there may be an opportunity to enhance existing hubs and corridors, connect green spaces, and improve stormwater storage and treatment areas							X		Community Development Dept				Provided for protection of corridors from map in 2040 Comp Plan. 11/7/21 NRB Meeting: PPT intro to GI Map, also discussed at 12/7/21 Community Workshop. Incorporating into 2023 SW Master Plan.	City's GI Map	ongoing	
VI.	PROMOTE THE CITY'S OVERALL LIVEABILITY THROUGH THE PROMOTION OF ACTIVE TRANSPORTATION, INCREASING CONNECTIVITY AMONG TRAILS AND PATHWAYS, AND PROMOTING NATURE-BASED TOURISM	GOAL 17	INCREASE EDUCATIONAL SIGNAGE AT CITY PARKS AND STORMWATER FEATURES														
		17A	Coordinate with Leisure Services and Stormwater on outreach opportunities							Leisure Services Dept, Stormwater Department, City's Sign Shop				Incorporating need into SW and Parks Master Plans		ongoing	
		17B	Research what pre-made signage is available and what what grant assistance may be available	X				X		Leisure Services Dept, Stormwater Department, City's Sign Shop				Applied for grant with SW/ Leisure Services for planting/signage/fountain improvements at Tulip Pond on 4/12/22.	Tulip Pond Info	ongoing	
		GOAL 18	REVIEW CITY MAP AND CURRENT COUNTY MASTER PLANS (TRANSPORTATION MPO, GREENWAYS PLAN) REGARDING SIDEWALKS TRAILS, AND BIKE LANES														
		18A	Conduct walking/ biking audit tours to determine any gaps and opportunities							Leisure Services Dept, Public Works Dept				Create updated map with sidewalks, trails, and bike paths	AARP Walking Audit Info		
		18B	Determine if there are areas which may pose challenges to foot and bike traffic and why							Leisure Services Dept, Public Works Dept				Where are connections needed? Opportunities for expansion?			
GOAL 19	SEEK OPPORTUNITIES TO CROSS MARKET THE CITY'S PARKS AND GREEN SPACES																
19A	Work with the Chamber of Commerce to learn how the City's natural assets are currently being marketed							Chamber of Commerce				Indian River Lagoon, St. Sebastian River, etc.	Sebastian Chamber				
19B	Identify unique features of the City's spaces and identify specific nature-based markets							Parks & Rec Board				protected species and/or habitats, special services provided	eBird tracking website				
19C	Research to identify what certifications/ designations are attainable							Leisure Services Dept				examples: Great Florida Birding Trail	FL Nature Tracker Website				
GOAL 20	UTILIZE GPS GEOCACHING-RELATED TOOLS, GAMES, AND APPS TO INCREASE VISITATION TO THESE AREAS																
20A	Geocaching Munzee scavenger hunt bringing participants to natural and historic points of interest							Florida Munzee Hunters				Eventzee Scavenger Hunt at Earth Day 4/24/21 3 permanent markers placed around Riverview Pk on 4/26/21	How to Munzee	4/26/2021			