

Marco Island Waterways Advisory Committee Recommendations for Department Budget and Council Consideration

Updated 4-18-2019

<u>Program</u>	<u>Estimated Cost</u>	<u>Possible Cost</u>	<u>Objective</u>
1 Implement U of F Testing Program	TBD	\$ 200,000	Identify and quantify the problem, determine sources, determine trends, monitor solutions.
2 Increase Code Enforcement of Existing Ordinances	TBD	\$ 100,000	Stop or reduce water related code violations of Stormwater and Fertilizer Ordinances
3 Swale Reconstruction and Rehabilitation Program	TBD	\$ 500,000	Restore swales to increase stormwater retention.
4 Raise all stormwater drains to road surface levels	TBD	\$ 500,000	Slow release of stormwater to canals.
5 Recycled water improvements-Advanced Filtering	TBD	\$ 400,000	Reduces contaminants in reuse water.
6 Street Vacuuming	TBD	\$ 175,000	Reduce contaminants on roadways .
7 Building Code Revisions for Runoff and Coverage ratios	TBD	\$ 15,000	Encourage site coverage controls, reduce impervious surfaces.
8 Lobby Collier County and state for reducing upland pollution sources	TBD	\$ 25,000	Help stop or control upland pollution.
		<u>\$ 1,915,000</u>	



## Cover Sheet: Budget Requests

Committee: Waterways Advisory Committee

Staff Liason(s): Tim Pinter

1. FY 2020 BUDGET ADD ON REQUEST(s):

Item#	Budget Requests	Amount
1	E-blasts- for creative and time to send informational water news	\$ 3,000.00
2	Color "Brochure" 4-6 pages explaining water quality issues, background, testing, success stories	\$ 20,000.00
3	Island Signage regarding fertilizer and grass clippings	\$ 5,000.00
4	Simple water quality informational handouts	\$ 5,000.00
5	Contribution to Marco Eagle Ads for Water Info	\$ 3,600.00
6	Retainer for marketing advice on best strategy to inform the public	\$ 13,400.00
7	Increase to Monthly Water Testing and Additional Reporting	\$ 35,000.00
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10	Purpose Items 1-6: Increase public awareness of water issues , _____	
11	solicit support for solutions. _____	
12	Purpose Item 7: Identify and quantify the water problems, determine	
13	sources, determine trends, implement solutions,monitor solutions.	
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Total Budget Requested		\$ 85,000.00

Signature: \_\_\_\_\_ Date \_\_\_\_\_



**Marco Island**  
**Best Practices Environmental and Stormwater Initiative**  
**and**  
**First Steps on Pollution Reduction and Waterbody Restoration**  
**to Meet FDEP Requirements**  
**2-11-2020**

1. Pass a stronger Amendment to our existing Stormwater Ordinance to expand coverage to single family homes, improve pollutant efficiencies and provide for penalties for non-compliance.
2. Implement an education program for Marco citizens on the issues relating to water quality, stormwater, fertilizer and the swales.
3. Enforce the existing Fertilizer Ordinance and MS4 Ordinances. Step up enforcement by random inspecting and testing of landscapers and lawn treatment (fertilizer) vendors Allocate budget now for adequate staffing and a boat for code enforcement. Change staffing from part time to full time. Implement regular canal patrols to inspect for illicit discharge from homes and landscape contractors who violate ordinances.
4. Implement a demonstration program of street vacuuming on all residential streets on Marco Island. Hire a contractor and analyze results.
5. Block all the improperly installed existing stormwater inlets to allow for longer percolation. Limit overspray of all City sprinklers on all hard surfaces, especially on City controlled property.
6. Implement approved budget item of studying ways to reduce nutrients in reuse water and cost effectiveness of Advanced Sewer Treatment System.
7. Explore forming a new "Department of Environmental and Stormwater Management" with adequate staffing, authority and budget empowered to work with Code Enforcement to enforce all our existing and future ordinances. Require all new single-family permits to be reviewed by the new Environmental and Stormwater Department.
8. Explore the feasibility of establishing a Marco Island Stormwater Management District funded by annual fees. Over 160 Florida cities already have Stormwater management Districts including Naples, Cape Coral and Ft. Meyers.
9. Institute an annual registration of landscape and fertilizer contractors and issuance of permits like resident beach passes. Use the fees to help pay for enforcement.
10. Aggressively explore state and federal grant funding for meeting FDEP requirements.