

Park View Canal Action Plan

Above-Ground Visible Sources							
Source	Community Feedback	Action	Status	Timeline	Budget Enhancement	Department	Update
Animal waste							
Dog waste	City has received mixed feedback from the community regarding the support of the dog park.	<ul style="list-style-type: none"> Extending the installation of signage and doggie bag/bin stations east through Collins Avenue & Ocean Terrace. (UM) 	<ul style="list-style-type: none"> Ongoing & Pending 	<ul style="list-style-type: none"> Short-term 	<ul style="list-style-type: none"> Existing Funds 	<ul style="list-style-type: none"> Public Works Department (Sanitation) Parks and Recreation Department 	<ul style="list-style-type: none"> Additional doggie bag stations added throughout island and parks, more to be added east upon completion of Ocean Terrace Corridor.
		<ul style="list-style-type: none"> Expand public outreach and education to include Spanish (i.e. signs). (CMB) 	<ul style="list-style-type: none"> Ongoing 	<ul style="list-style-type: none"> Short-term 	<ul style="list-style-type: none"> Existing Funds 	<ul style="list-style-type: none"> Environment & Sustainability Neighborhood Affairs Division (NAD) 	<ul style="list-style-type: none"> Signs in English and Spanish added. Quarterly updates to community in English and Spanish.
		<ul style="list-style-type: none"> Complete Dog Park construction (pre-planned Capital Improvement Project). Vegetation buffer could be installed at the park to reduce dog waste from entering the canal. 	<ul style="list-style-type: none"> Pending 	<ul style="list-style-type: none"> Short-term 	<ul style="list-style-type: none"> Funded 	<ul style="list-style-type: none"> Parks & Recreation Department Neighborhood Affairs Division (NAD) 	<ul style="list-style-type: none"> On hold pending results of community survey. Code Compliance continues focusing on proactive patrols.
Waste from birds, iguanas, and other wildlife		<ul style="list-style-type: none"> Continue to remove animal feeding sign areas. 	<ul style="list-style-type: none"> Complete 	<ul style="list-style-type: none"> Short-term 	<ul style="list-style-type: none"> Existing Funds 	<ul style="list-style-type: none"> Parks & Recreation Department 	<ul style="list-style-type: none"> Done and the area is continuously monitored.

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		<ul style="list-style-type: none"> • Add signage advising the public not to feed wildlife. 	<ul style="list-style-type: none"> • Pending 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Parks & Recreation Department 	<ul style="list-style-type: none"> • E&S to work with Parks Department to add signage.
		<ul style="list-style-type: none"> • Have staff monitoring the park. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Parks & Recreation Department 	<ul style="list-style-type: none"> • Staff visits twice daily (double other green areas).
		<ul style="list-style-type: none"> • Enforce Park hours of operation. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Parks & Recreation Department • Police Department/ Homeless Outreach 	<ul style="list-style-type: none"> • Parks Staff monitor until ~10pm, Police Department and Homeless Outreach after 10pm.
Homelessness							
Human waste near the waterway		<ul style="list-style-type: none"> • Increase homeless outreach monitoring in Park View Park. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Police Department/ Homeless Outreach 	<ul style="list-style-type: none"> • Homeless encampments removed and monitored. • Parks & Recreation continues their roaming patrols.
		<ul style="list-style-type: none"> • Continue to relocate and provide assistance to homeless personnel. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Police Department/ Homeless Outreach 	<ul style="list-style-type: none"> • Police Department and Homeless Outreach have increased service. • Homeless encampments have been previously identified and removed with the help of Homeless

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							Outreach initiatives.
Trash & Litter							
Litter		<ul style="list-style-type: none"> • North Beach campaign/outreach. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Environment & Sustainability 	<ul style="list-style-type: none"> • E&S staff continues to conduct quarterly updates to the community.
		<ul style="list-style-type: none"> • Addition of rain domes to public trash bins to minimize leakage.* 	<ul style="list-style-type: none"> • Complete 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Public Works Department 	<ul style="list-style-type: none"> • Done
		<ul style="list-style-type: none"> • Increase frequency of cleaning public trash bins. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Funded 	<ul style="list-style-type: none"> • Public Works Department 	<ul style="list-style-type: none"> • The Hauler collects seven (7) days per week, Sanitation crews collect five (5) days per week.
		<ul style="list-style-type: none"> • Increase code enforcement personnel monitoring the island.* 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Code Compliance Department 	<ul style="list-style-type: none"> • Code has completed 225 calls of service for property maintenance, sanitation, signs, dogs off leash, gas leaf blowers, and noise complaints between 4/23/23 to 07/18/24. Code issued two (2) property maintenance, six (6) illegal disposal, five (5) illegal dumping, one (1) illicit

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							discharge, and one (1) overflowing dumpster violation.
Sediment & Debris		<ul style="list-style-type: none"> • Increase mechanical street sweeping and hand crew cleaning. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Public Works Department 	<ul style="list-style-type: none"> • Increased the frequency to three (3) times per week with hand litter crew and mechanical sweeper on Monday, Wednesday, and Friday.
		<ul style="list-style-type: none"> • Conduct more frequent construction site inspections in North Beach. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Environment & Sustainability 	<ul style="list-style-type: none"> • E&S conducts approximately twice weekly construction site inspections citywide.
Nutrients and Pollutants							
Fertilizer		<ul style="list-style-type: none"> • Increase public education on fertilizer use and proper disposal of yard debris. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Environment & Sustainability • Neighborhood Affairs Division (NAD) 	<ul style="list-style-type: none"> • Messaging provided through City social media and Constant Contacts.
		<ul style="list-style-type: none"> • Installation of signs along Park View Park. (UM) 	<ul style="list-style-type: none"> • Pending 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Environment & Sustainability 	<ul style="list-style-type: none"> • North Beach Community Garden is fertilizer free.
Grease Traps	Community member feedback that pollution related to grease traps	<ul style="list-style-type: none"> • Increase grease trap inspections in North Beach and coordination with DERM. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Building Department/ Miami-Dade County DERM 	<ul style="list-style-type: none"> • The City's Building Department conducted grease trap inspections in

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	was an issue in South Beach.							the whole 81-acre area that flows into the Park View canal. There are a total of 51 grease traps documented in this area that have Grease Discharge Operating permits. During the inspections they found that the majority of the food service establishments in this area are complying with permit and maintenance requirements. The transporters are DERM certified and must discharge the solids from the grease traps at Black Point wastewater treatment plant. Permittees and transporters report electronically every time the
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							grease trap is cleaned. In addition, DERM regularly sends out their FOG inspectors for complaint reports such as backups or overflows, etc.
Runoff							
Eroded shoreline		<ul style="list-style-type: none"> • Improve living shoreline to provide additional treatment of direct runoff to the waterway. 	<ul style="list-style-type: none"> • Pending 	<ul style="list-style-type: none"> • Long-term 	<ul style="list-style-type: none"> • Federal appropriations requested for living shoreline and seawall upgrades. 	<ul style="list-style-type: none"> • Environment & Sustainability • Public Works Department • Grants Management Division 	<ul style="list-style-type: none"> • The living shoreline project will remove invasive vegetation, repair and rehabilitate damaged seawalls, and mitigate coastline erosion.

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Below Ground Non-Visible Sources							
Source	Community Feedback	Action	Status	Timeline	Budget Enhancement	Department	Update
Stormwater Conveyance System							
Sediment & Debris	The community has expressed that stormwater upgrades must be addressed immediately to include treatment of pollutants.	<ul style="list-style-type: none"> • More frequently clean out excessive sediment and debris accumulated in system. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Public Works Department 	<ul style="list-style-type: none"> • The stormwater system in this area has been cleaned twice this FY (since 10/1/23). Public Works Stormwater Division also inspected, and spot cleaned within this area during the heavy rain events in June 2024.
		<ul style="list-style-type: none"> • Upgrading the storm water system to treat for contaminants. • Implementing blue-green infrastructure in storm water improvement projects. • Neighborhood Improvement Project (North Shore D & Town center) from 69th street – 73rd street. 	<ul style="list-style-type: none"> • Pending 	<ul style="list-style-type: none"> • Long-term 	<ul style="list-style-type: none"> • \$10M Florida Resilient Grant 	<ul style="list-style-type: none"> • Public Works Department 	<ul style="list-style-type: none"> • \$10M grant agreement executed for the design of the North Shore D improvements. This will include new storm water conveyance, new water quality treatment, and new pump stations and outfalls. Furthermore, the City has applied to multiple grants to continue

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							making improvements, including one for improvements to the living shoreline at the
Trash		<ul style="list-style-type: none"> • Installation of trash racks at pump stations. • Installation of trash filters at curb and gutter inlets. • Installation of bar racks upstream of outfalls. 	<ul style="list-style-type: none"> • Pending 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Funded 	<ul style="list-style-type: none"> • Public Works Department 	<ul style="list-style-type: none"> • \$200,000 in funding for design and permitting has been approved to reduce litter from entering the waterway near the canal. This will be achieved by retrofitting the current gravity stormwater system with advanced water quality treatment devices.
Private Outfalls		<ul style="list-style-type: none"> • Make sure private outfalls are being regulated and addressed by DERM upon recertification. 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Long-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Public Works Department/ Miami-Dade County DERM 	<ul style="list-style-type: none"> • Complaints are referred to DERM for permit review.
Cross-Connections		<ul style="list-style-type: none"> • Repair and line sewer pipes to avoid cross contamination with the stormwater system.* 	<ul style="list-style-type: none"> • Ongoing 	<ul style="list-style-type: none"> • Long-term 	<ul style="list-style-type: none"> • Existing Funds 	<ul style="list-style-type: none"> • Public Works Department 	<ul style="list-style-type: none"> • The City has been conducting work towards reducing infiltration and inflow into the sanitary sewer system. The focus

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							has been on rehabilitating manholes, gravity mains, and laterals. Techniques utilized include night flow isolation, camera inspections, manhole inspections, and smoke testing. A study specific to Park View Island found multiple gravity sewer pipes in need of cleaning and repair. These pipes have been repaired by lining the sewers to reduce leaks.
Sanitary Sewer System							
Sewer Overflows	Members of the community strongly believe that the water quality issues in the Park View Canal are due to leaks in the	<ul style="list-style-type: none"> Frequently inspect manholes for potential backups. 	<ul style="list-style-type: none"> Ongoing 	<ul style="list-style-type: none"> Long-term 	<ul style="list-style-type: none"> Existing Funds 	<ul style="list-style-type: none"> Public Works Department 	<ul style="list-style-type: none"> Ongoing effort by the Infrastructure Division.
		<ul style="list-style-type: none"> Continue the search for any sanitary sewer leaks in the system and test the pressurized sewer system. 	<ul style="list-style-type: none"> Ongoing 	<ul style="list-style-type: none"> Long-term 	<ul style="list-style-type: none"> Existing Funds 	<ul style="list-style-type: none"> Public Works Department 	<ul style="list-style-type: none"> Ongoing effort by the Infrastructure Division.

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sanitary sewer system.	<ul style="list-style-type: none"> • Rehabilitate areas with excessive infiltration and inflow and lining sanitary sewer pipes known to have excessive infiltration. 	<ul style="list-style-type: none"> • Pending 	<ul style="list-style-type: none"> • Long-term 	<ul style="list-style-type: none"> • Existing Funds plus Future Requests 	<ul style="list-style-type: none"> • Public Works Department 	<ul style="list-style-type: none"> • The City has done the following tests and repairs: -Sanitary sewer PS 23 Maintenance -18 ARV replacements along Sewer PS 23 and PS 24 -Sanitary sewer PS 19 discharge force main replacement
	<ul style="list-style-type: none"> • The City is going to coordinate with DERM to install “smart” manholes that issue alerts when backups occur. 	<ul style="list-style-type: none"> • Pending 	<ul style="list-style-type: none"> • Short-term 	<ul style="list-style-type: none"> • Existing Funds, Will Seek Grants 	<ul style="list-style-type: none"> • Public Works Department 	<ul style="list-style-type: none"> • Public Works Department Engineering Division has begun preliminary conversations with DERM.
	<ul style="list-style-type: none"> • Upgrade the sanitary sewer system to minimize leaks and breaks. 	<ul style="list-style-type: none"> • Pending 	<ul style="list-style-type: none"> • Long-term 	<ul style="list-style-type: none"> • Combination of Existing Funds, Funded, and Future Requests 	<ul style="list-style-type: none"> • Public Works Department 	<ul style="list-style-type: none"> • The City recently completed more than \$640K of Phase 1 Park View Sewer Trenchless Rehabilitation upgrades and sewer force main air release valve replacements. More than \$2.5

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							million of upgrades is dedicated for Phase 2 North Beach and Park View Extended Area, including lining 90% of the sewer lines from 73 to 75 Street, rehabilitating manholes, and planning for a force main replacement.
Lack of flushing							
Shallow water depths		<ul style="list-style-type: none"> • Improve circulation through dredging of the Park View Canal. (E&S) • Focus efforts on better understanding the hydrology of the canal. 	<ul style="list-style-type: none"> • Pending 	<ul style="list-style-type: none"> • Mid-term 	<ul style="list-style-type: none"> • Funded \$500,000 allocated for surveys and 	<ul style="list-style-type: none"> • Environment & Sustainability 	<ul style="list-style-type: none"> • A consultant has been selected from an authorized vendor pool and an on-site visit was performed on November 3rd. The draft proposal has been received and is currently under review by City staff; the scope includes required surveys and the design and permitting.
Contaminated sediments		<ul style="list-style-type: none"> • Dredging will also aid in removing 	<ul style="list-style-type: none"> • Pending 	<ul style="list-style-type: none"> • Mid-term 	<ul style="list-style-type: none"> • Funded 	<ul style="list-style-type: none"> • Environment & Sustainability 	<ul style="list-style-type: none"> • See above comments under

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		contaminated sediment in the canal. (E&S)					“shallow water depths”.
High bacteria levels	Conduct weekly water quality testing whenever an improvement has been made to determine whether efforts are working or not.	<ul style="list-style-type: none"> Aggressive water quality testing. 	<ul style="list-style-type: none"> Ongoing & Pending 	<ul style="list-style-type: none"> Mid-term 	<ul style="list-style-type: none"> Partially Funded, Existing Funds 	<ul style="list-style-type: none"> Environment & Sustainability 	<ul style="list-style-type: none"> Testing was completed after ARV replacements in late February/early March 2023. At the December 13 City Commission meeting, item C7 L was unanimously passed which authorizes the Administration to procure the services of Dr. Solo-Gabriele to conduct a post-study after implementing short-term actions.