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IP Address: 151.132.105.62

<b>Q1. Local/Tribal Government</b>
<i>City of West Palm Beach</i>
<b>Q2. County</b>
Palm Beach County
<b>Q3. Key Staff Contact</b>
<b>Q3(a). Key Staff Contact: Name</b>
<i>Sarah Burke</i>

**Q3(b). Key Staff Contact: Title**

*Sustainability Supervisor*

**Q3(c). Key Staff Contact: Email Address**

*sburke@wpb.org*

**Q4. Describe the progress your local/tribal government has made related to Mitigation Action #1. Please select all that apply.**

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY2021).

**Q5. Provide a brief description of the work you are advancing related to Mitigation Action #1. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.**

*The City has committed to Net Zero by 2050, 25% reduction of GHG by 2025, from the 2013 baseline year, and has developed outreach programs to help residents learn how to reduce their GHG emissions, thereby reducing community-wide GHGs. The City participates annually in the Carbon Disclosure Project (CDP) and joined the UN's Cities Race to Zero Challenge in 2021. WPB conducts a community-wide GHG inventory every three years and is working toward conducting an annual municipal operations GHG inventory. Participates in the DOE's Better Buildings Challenge to reduce energy intensity thus reducing GHG emissions. Enrolled in FPL's SolarTogether program (over 12,000 kW) and receive the RECs associated with the solar purchased. Offers PACE Program to help finance energy efficiency projects. SolarSmart City providing one day permit approval for solar installations. 10K Trees in 10 Years commitment, providing FREE canopy trees to residents which provides shade (thus reducing energy use/cost) as well as carbon sequestration. Educational programming for residents to learn about climate change and GHGs in which participants are able to take supplies home with them to implement (Climate Smart Floridians, Home Efficiency Programs, e4 Green Health & Wellness Expo, etc.). Clean Streets Task Force, made up of City staff as well as compliance and enforcement personnel, aimed at implementing best practices in order to reduce illegal dumping, abandoned vehicles, and litter in the community. As part of Clean Streets, the City of West Palm Beach became a Keep America Beautiful affiliate in 2022.*

**Q6. Is equity being embedded into Mitigation Action #1? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. For more guidance, visit the full document on the Compact website. Ensure the inventory and/or goal**

setting document(s) is/are publicly available and is interpreted for commonly spoken languages in the municipality as well as screen-reader compatible Build partnerships with community-based organizations, HOAs, and community-based forums to help define, design, and advance the work as well as spread the word Ensure an equity first framework, so that GHG emission reductions do not come at the expense of low income and/or communities of color Use a Racial Equity Toolkit to consider impacts before taking on any project Include stipends/payments for volunteers in your budget Make sure budgeted meeting costs include childcare, meals, and/or interpretation services Utilize multiple engagement methods, e.g. online and in-person. Utilize existing relationships with other municipal departments Acknowledge that elderly and low-income populations are less likely to engage with online promotion. Utilize in-person outreach (flyers, canvassing, announcement at an existing meeting, radio stations, TV, flyers at churches or community center, etc. ) for these groups

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**Q7. Please provide a brief explanation of the ways in which you are embedding equity into Mitigation Action #1.**

*The Climate Resilience Plan took into account several equity factors, such as income level and age demographic, when mapping climate threats and hazards to the City. This data will be helpful to the City when determining where to focus their efforts in reducing the effects of climate change. The City has also conducted a tree canopy assessment of the entire City and identified the Historic Northwest Neighborhood, an historically disadvantaged community, as a lacking substantial tree coverage. Due to that finding, the City is in the planning stages to plant over 200 canopy trees in the right-of-way to help provide shade to the community, thus reducing their energy costs while providing carbon sequestration. The residents of the neighborhood were engaged during public meetings and door hangers and asked to provide their input on the type of trees they wished to see in their community. Outreach programs are provided both in-person and virtual. In-person programs are offered at various locations throughout the city and both in-person and virtual events are hosted at different times and different days. By providing multiple options residents are able to select the program that best meets their schedules. The City also provides certain outreach documents in Spanish, the second most predominant language in South Florida. Home Efficiency Upgrades program, providing education and hundreds of dollars worth of energy and water conservation tools and devices, is targeted toward residents most in need including the elderly and historically disadvantaged communities.*

**Q8. Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only.**

**Q8(a). Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q8(b). Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q8(c). Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q8(d). Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q8(e). Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q9. Please indicate as to why you've been unable to advance activities related to Mitigation Action #1? Please select all that apply.**

Skipped due to logic

**Q10. What resources could assist you in advancing this action?**

Skipped due to logic

**Q11. Describe the progress your local/tribal government has made related to Mitigation Action #2. Please select all that apply.**

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY2021).

**Q12. Provide a brief description of the work you are advancing related to Mitigation Action #2. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.**

*City property periodically undergoes energy audits to identify ways to reduce energy consumption and to improve energy efficiency. The City utilizes Energy Star Portfolio Manager (ESPM) to help assess and track Energy Use Intensity of buildings over time and reports annually to the DOE's Better Buildings Challenge. The City's Climate and Resiliency Policy calls for all new municipal buildings to be built to LEED Silver standards. West Palm Beach has invested in energy monitoring software to help identify areas of energy inefficiency to help maximize savings potential. These software systems also allow the City to quickly catch any operable failures—this helps promote energy efficiency while also limiting the costs associated with delayed repairs. The Office of Sustainability makes available to residents energy saving kits and supplies including LED lightbulbs, weather stripping, and programmable thermostats.*

**Q13. Is equity being embedded into Mitigation Action #2? Please indicate your progress toward embedding equity in this action with “1” indicating no progress and “5” indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. For more guidance, visit the full document on the Compact website. Engage communities most impacted by energy inefficiency in planning and prioritizing community projects/action Develop partnerships with community members or organizations to help track energy efficiency data and prioritize improvements Involve the people most impacted by energy inefficiency, build relationships, and co-create path forward Commit municipal savings from solar and energy efficiency being reinvested in wealth-building initiatives in disinvested communities Ensure policies/permits for energy saving installations (green roofs, rooftop solar, storm hardening) are feasible, and if possible expedited and fee-free Allocate funds annually to pay for outreach campaigns to ensure all communities are aware of energy efficiency programs and assistance Work with local community-based organizations to be an education partner on energy efficiency behaviors and techniques/installations**

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**Q14. Please provide a brief explanation of the ways in which you are embedding equity into Mitigation Action #2.**

*The City of West Palm Beach, an equal opportunity employer, is committed to providing equal employment opportunity for all applicants and employees regardless of race, color, religion, sex, gender identity or expression, national origin, age, disability, familial status, marital status or sexual orientation. The Procurement Department has conducted a disparity study regarding the diversity of contractors utilized by the City. This information can be used to plan to use a broader group of contractors. City offers a PACE Program which allows for properties to take advantage of energy efficiency upgrades without paying an up-front cost. In 2021, started a Home Efficiency Upgrade Program in which residents can learn how to save energy and water at their homes and are able to pick up those items in class at no charge to implement immediately (LED lightbulbs, weather stripping, thermostats, etc.). The program is given at different community centers around the City thus making it assessible to different communities/neighborhoods throughout the year. It is also targeted toward residents most in need including the elderly and historically disadvantaged communities. They City has provided some informational materials, flyers, and other*

*correspondences in both English and Spanish addressing energy efficiency and conservation.*

**Q15. Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only.**

**Q15(a). Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q15(b). Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q15(c). Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q15(d). Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q15(e). Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q16. Please indicate as to why you've been unable to advance activities related to Mitigation Action #2? Please select all that apply.**

Skipped due to logic

**Q17. What resources could assist you in advancing this action?**

Skipped due to logic

**Q18. Describe the progress your local/tribal government has made related to Mitigation Action #3. Please select all that apply.**

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY2021).

**Q19. Provide a brief description of the work you are advancing related to Mitigation Action #3. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.**

*Certified SolSmart Gold with permitting process for approval of PV taking one day. The City reviewed local zoning codes and identified areas that were restricting PV development. Solar-by-right accessory use in all zones is now allowed, eliminating the need for special permits or hearings. Participate in FPL's SolarTogether Program (over 12,000 kW) to offset electricity from City accounts. Provided programming for residents and businesses interested in installing PV on their home and provided resources for those who don't have the ability to pay for PV (ex: FPL's SolarTogether, R-PACE, Solar United Neighbors Co-op, etc.). City offers a PACE Program which allows for properties to take advantage of energy efficiency upgrades and solar installations without paying an up-front cost.*

**Q20. Is equity being embedded into Mitigation Action #3? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. For more guidance, visit the full document on the Compact website. The municipality should model best practices regarding solar energy i.e. identifying which parks, public places, or schools currently utilize or plan to utilize solar energy. Record the savings before and after installation Include community leaders and members in program design Consider ways renters can reap benefits of solar, e.g. community solar projects Solar permitting should be expedited and fee-free Devote money/personnel to support and promote solar co-ops Provide education on lower cost ways for residents to go solar, such as SolarTogether and existing solar co-ops**

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**Q21. Please provide a brief explanation of the ways in which you are embedding equity into Mitigation Action #3.**

*Encourages residents to utilize resources like Solar United Neighbors of Florida (SUN) and FPL's SolarTogether to source electricity from solar, and assess or plan to get solar through co-ops or other methods if traditional rooftop isn't feasible. Worked with historical planner to best fit solar into historic building retrofits. City offers a PACE Program which allows for properties to take*

*advantage of energy efficiency upgrades and solar installations without paying an up-front cost. Outreach programs are provided both in-person and virtual. In-person programs are offered at various locations throughout the city and both in-person and virtual events are hosted at different times and different days. By providing multiple options residents are able to select the program that best meets their schedules. The City also provides certain outreach documents in Spanish, the second most predominant language in South Florida.*

**Q22. Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only.**

**Q22(a). Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q22(b). Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q22(c). Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q22(d). Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q22(e). Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q23. Please indicate as to why you've been unable to advance activities related to Mitigation Action #3? Please select all that apply.**

Skipped due to logic



**Q24. What resources could assist you in advancing this action?**

Skipped due to logic

**Q25. Describe the progress your local/tribal government has made related to Mitigation Action #4. Please select all that apply.**

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY2021).

**Q26. Provide a brief description of the work you are advancing related to Mitigation Action #4. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.**

*Committed, in 2016, to transitioning all city fleet vehicles away from fossil fuels, for those that have an alternative, by 2025. The City is actively looking for a grant opportunity to fund a EV Fleet and Infrastructure Transition Plan that not only would look at how to transition the City's fleet vehicles but also the infrastructure needed for the transition and what additional infrastructure the City should provide to residents. Partnered with FPL to acquire five EV activity buses. These buses are part of a dual partnership that allows the City to start transitioning its bus fleet from diesel to electric and also allows FPL to study the batteries on these buses. The buses utilize a battery that is Vehicle-to-Grid (V2G) capable, thereby allowing electricity to flow from the buses back into the grid during peak hours. Annual EV Drive Electric Event is used to inform individuals about EV's through informational materials and demonstration vehicles. There is also a location where EV users can bring their vehicles and socialize with other EV drivers or talk with others about their experiences with EVs. The City currently has 38 EV Charging Stations in 3 garages in downtown (half are Universal and half are Telsa) that are free to the public. This next year the City will look at potentially charging for the service to offset the increase electric cost of the parking garages.*

**Q27. Is equity being embedded into Mitigation Action #4? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. For more guidance, visit the full document on the Compact website. Involve the community in evaluation of this action's progress Evaluate how low-income and/or communities of color access mobility and their relative air pollution exposure burden, and utilize this information to inform any EV strategy for the municipality Offer technical assistance to community groups working to advance this goal Offer streamlined permitting, lower to no fees, and other incentives for EV charging projects Analyze fuel and maintenance savings from EV switch and use the savings to create a charger fund Meetings/workshops for education/outreach should take place at a variety of times, including evenings, offer food and childcare to reduce barriers to attendance and participation. The meetings should be advertised by a community-based communications and**

outreach consultant/partner who is from the targeted community(ies). The advertising efforts should include a variety of mediums and start at least a week prior to the meeting. The communications/outreach consultant should reach at least 300 people in advertising for the meeting

3

**Q28. Please provide a brief explanation of the ways in which you are embedding equity into Mitigation Action #4.**

*West Palm Beach has invested in five electric activity buses to serve local children and seniors. These activity buses provide a significantly quieter environment for those riding, which helps reduce stress levels. Additionally, the air that the children and seniors breathe will be cleaner due to Zero direct emissions from the buses. There are also additional levels of safety added to these buses: as the buses approach a bus stop, pleasant sounds play from the buses to alert passengers of its arrival. During the renovations of the Sunset Lounge, located in a historical disadvantaged community, the City ensured that EVCS were located at the venue. The City promotes the use of Rose Trolley, a local all-electric FREE trolley service, and Circuit which service the downtown area including some of the City's historically disadvantaged communities. Outreach programs are provided both in-person and virtual. In-person programs are offered at various locations throughout the city and both in-person and virtual events are hosted at different times and different days. By providing multiple options residents are able to select the program that best meets their schedules. The City also provides certain outreach documents in Spanish, the second most predominant language in South Florida.*

**Q29. Please provide any supporting documents under Mitigation Action #4. Max upload of fives (5) files only.**

**Q29(a). Please provide any supporting documents under Mitigation Action #4. Max upload of fives (5) files only.:**

(Did not answer)

**Q29(b). Please provide any supporting documents under Mitigation Action #4. Max upload of fives (5) files only.:**

(Did not answer)

**Q29(c). Please provide any supporting documents under Mitigation Action #4. Max upload of fives (5) files only.:**

(Did not answer)

**Q29(d). Please provide any supporting documents under Mitigation Action #4. Max upload of fives (5) files only.:**

(Did not answer)

**Q29(e). Please provide any supporting documents under Mitigation Action #4. Max upload of fives (5) files only.:**

(Did not answer)

**Q30. Please indicate as to why you've been unable to advance activities related to Mitigation Action #4? Please select all that apply.**

Skipped due to logic

**Q31. What resources could assist you in advancing this action?**

Skipped due to logic

**Q32. Describe the progress your local/tribal government has made related to Mitigation Action #5. Please select all that apply.**

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY2021).

**Q33. Provide a brief description of the work you are advancing related to Mitigation Action #5. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.**

*The City's Transportation Management Initiative (TMI), in alliance with South Florida Commuter Services, provides resources throughout the community on ways to reduce VMT. Such resources include the promotion of carpooling, teleworking, vanpool programs, parking cash-out programs, and other incentives to help reduce VMTs. The program also allows individuals who don't drive to work to receive a credit for taking different modes of transportation. City planners and engineers are actively assessing roads for potential road dieting projects and incorporating Complete Streets principals into future road and neighborhood projects. Encourage and educate about multi-modal options available in the City including Brightline, PalmTran, Tri-Rail, Brightbike, Downtown Trolley, Circuit, Rose Trolley, etc. Seeking grant funding to update the City's Vision Zero Plan and developing projects and initiatives to implement to benefit the plan.*

**Q34. Is equity being embedded into Mitigation Action #5? Please indicate your progress toward embedding equity in this action with “1” indicating no progress and “5” indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. For more guidance, visit the full document on the Compact website. Meaningfully include community members who rely on public transit as a primary form of transportation at the decision-making table when it comes to accessing mobility needs and planning future changes/improvements To encourage adoption of working from home to reduce overall VMT, partner with telecommunications company to ensure there is access throughout the municipality to high-speed internet and that communities are not left behind in the digital divide Develop codes or policies encouraging the use of pedestrian-friendly planning options like complete streets and parks no less than ‘x’ miles from every home Ensure annual budget allocation to maintain sidewalks and build them where they don’t exist to connect low-income communities or communities of color to transit stops Host listening sessions, focus groups, and workshops to understand what is and isn’t working. Prioritize riders but also those that are unable to use public transit to understand obstacles to ridership Build programs around these solutions and include transit workers in these discussions**

3

**Q35. Please provide a brief explanation of the ways in which you are embedding equity into Mitigation Action #5.**

*The City's Comprehensive Plan covers prioritizes expanding bike lanes and pedestrian access throughout the City. It has a goal of expanding additional modes of transportation, like trolley and PalmTran, by 10% by 2028. The Comprehensive Plan also includes building out non-motorized transportation corridors to allow individuals who don't own vehicles to safely and effectively travel around the City. West Palm Beach provides a free trolley service throughout its Downtown and CBD area. These trolleys can then be utilized by individuals who don't have their own form of transportation or for those who can't afford bus fare. To promote the use of the trolleys, they are promoted on the city's website where residents and other riders could find the schedules of the trolleys. Also, the City has developed a Trolley Tracker App to show individuals the trolley locations, arrival times, and their stops. During planning and design stage of a project, the City provides residents with the opportunity to provide feedback on what they want in their community, what design features to include, and any other infrastructure needs they would like to see in their community. This feedback could include bike lane requests and design, sidewalk needs, lighting needs, and other safety features with the end result hopefully to make the roadways in their community safe for all modes of transportation and not just SOVs. The Safety Action Plan (Vision Zero) that the City is looking for funding to update will target specific intervention locations, ADA and School Zone upgrades, and pedestrian priority zones - just to name a few - to improve safety for all mode of transportation throughout the City. Outreach programs are provided both in-person and virtual. In-person programs are offered at various locations throughout the city and both in-person and virtual events are hosted at different times and different days to best meet residents schedules. Certain outreach materials are provided in Spanish.*

**Q36. Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only.**

**Q36(a). Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only.:**

(Did not answer)

**Q36(b). Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only.:**

(Did not answer)

**Q36(c). Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only.:**

(Did not answer)

**Q36(d). Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only.:**

(Did not answer)

**Q36(e). Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only.:**

(Did not answer)

**Q37. Please indicate as to why you've been unable to advance activities related to Mitigation Action #5? Please select all that apply.**

Skipped due to logic

**Q38. What resources could assist you in advancing this action?**

Skipped due to logic

**Q39. Describe the progress your local/tribal government has made related to Adaptation Action #1. Please select all that apply. This should include identifying potential staff and financial**

resources/capacity. In some cases, staff/resources may already be supporting activities and projects that help support and advance adaptation/resilience, but not identified as such. Should sufficient internal capacity not exist, seek support from your county, other municipalities, and other potential partners and develop a plan for how your city will prioritize capacity for adaptation/resilience-building work.

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY2021).

**Q40. Provide a brief description of the work you are advancing related to Adaptation Action #1. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.**

*City's Office of Sustainability - seven staff members, with a focus on climate change mitigation and adaptation, resiliency, water conservation, energy efficiency, and outreach. This past year, the office has been short on staff but that did not limit the amount of programming offered. Two positions within the Office have a major focus on internal initiatives in which they are responsible for the annual reports (such as CDP, Better Buildings Challenge, CCAT, etc), the GHG Inventory, and any City Policies and Ordinances that are needing to be done. Another position, serves as the Chair of the City's Climate Resilience and Infrastructure Committee. The committee was formed in 2021 and consists of at least one representative from almost ever department in the City. The committee was formed to implement the City's Sustainability Action Plan and prepare the City for future grant funding opportunities. In 2021, the City formed a partnership with FAMU to offer community gardens and education to residents. In 2022, the City became a Keep America Beautiful affiliate, through the work of the Clean Streets Taskforce. In addition, in 2022 the City hired a Grants Program Strategist to be proactive in the BIL and IRA funding.*

**Q41. Is equity being embedded into Adaptation Action #1? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Assess the capacity to include equity considerations, including community engagement & outreach Assessment includes consideration of how well prepared the community is to advance adaptation initiatives in more vulnerable/disinvested communities Assess agency understanding of inequity and historic environmental wrongs in the community (and how inequities may be exacerbated by government practices/policies). Provide training for staff, emphasizing the importance of correcting these issues and avoiding further harms in the future Assess areas of the municipality that have been disinvested or are low-income Staff has worked to build and maintain relationships and trust with community-based organizations, key thought leaders, and residents in the areas of the municipality which have been disinvested Assess and collaborate with Departments that provide/direct social services to residents or that work on equity as adaptation partners**

**Q42. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action?**

*Office of Sustainability has worked with faith-based community leaders to gain trust within the community and gauge how the City can best serve residents. The City conducts extensive community outreach regarding capital improvement projects, budget reviews, and City priority development. The City has over 31 appointed boards/committees made up of residents wishing to be more engaged with the decision making process of the City. In 2021, 40 percent were female and 60 percent were male; 59 percent were Caucasian, 24 percent were Black, 16 percent were Hispanic, and 6 percent were another race or ethnicity. The City actively participates in neighborhood meetings and hosts neighborhood town halls to keep residents updated on work being done and to get feedback and engagement from residents. The City also provides certain outreach documents in Spanish, the second most predominant language in South Florida.*

**Q43. Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only.**

**Q43(a). Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q43(b). Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q43(c). Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q43(d). Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q43(e). Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q44. Please indicate as to why you've been unable to make progress in Adaptation Action #1? Select all that apply.**

Skipped due to logic

**Q45. What resources could assist you in advancing this action?**

Skipped due to logic

**Q46. Describe the progress your local/tribal government has made related to Adaptation Action #2. Please select all that apply. Conduct vulnerability analysis of hazards related to climate change including, but not limited to, sea level rise, tidal flooding, saltwater intrusion, extreme weather, heat. The analysis should assess exposure and sensitivity of various assets including, but not limited to critical infrastructure, communities/populations, historic/cultural assets, transportation, natural resources, and economic assets. Assessment should seek to identify what factors contribute to elevated exposure and sensitivity, and what physical, social, institutional, human, and financial capacities exist to adapt, and where there are gaps.**

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY2021).

**Q47. Provide a brief description of the work you are advancing related to Adaptation Action #2. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.**

*Partnered with FernLEAF/NEMAC to conduct a vulnerability analysis of the city. This vulnerability analysis covered the impacts of extreme heat, sea level rise, wildfires, drought, rainfall-induced flooding, storm surge, and other climate-related events. In 2021, the City applied for and received a grant to update its Vulnerability Assessment to meet the new State Statute. The results of the new assessment will be integrated into the City's planning processes.*

**Q48. Is equity being embedded into Adaptation Action #2? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Consider all properties, people, and communities equally in the Vulnerability Analysis or Assessment. The methodology should not prioritize or focus on areas with higher taxable value If study scope includes proposing adaptation strategies, those strategies considered should be prioritized based**



on potential to reduce risk to human life and other key indicators based on community members' experiences. Include opportunities for meaningful community input as part of the vulnerability analysis process. Use community feedback and information based on stakeholder experiences in the data analysis Incorporate community feedback via asset-mapping exercises, seek assistance with prioritizing/ weighing criteria for the vulnerability assessment, ground-truth the findings of the analysis, etc. Include a social vulnerability assessment as part of the overall vulnerability assessment. At minimum, Federal SOVI or SVI maps can be used, but ideally the assessment should be rooted in the community itself Depending on the type of project, the following social factors may be relevant to include in your analysis: redlining, low–and moderate-income populations, energy burden, rent/cost of living burden, language spoken at home, vehicles per household, elderly residents, average year built of housing, and tree canopy, among others Include an assessment of organizations in the community that may help advance the municipality's adaptive capacity, or organizations which will help communicate with populations frequently unengaged by government

3

**Q49. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action?**

*When conducting its vulnerability analysis, all properties in the City were weighed equally, regardless of property value or location. When assessing the efficacy of adaptation strategies, equity and impact to human life was weighed. The vulnerability analysis and its provided solutions equally distributed the importance of addressing climate change with equity. Outreach programs are provided both in-person and virtual. In-person programs are offered at various locations throughout the city and both in-person and virtual events are hosted at different times and different days. By providing multiple options residents are able to select the program that best meets their schedules. The City also provides certain outreach documents in Spanish, the second most predominant language in South Florida.*

**Q50. Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only.**

**Q50(a). Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q50(b). Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q50(c). Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q50(d). Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q50(e). Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q51. Please indicate as to why you've been unable to make progress in Adaptation Action #2? Select all that apply.**

Skipped due to logic

**Q52. What resources could assist you in advancing this action?**

Skipped due to logic

**Q53. Describe the progress your local/tribal government has made related to Adaptation Action #3. Please select all that apply.**

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY2021).

**Q54. Provide a brief description of the work you are advancing related to Adaptation Action #3. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.**

*As similarly addressed in our response to Adaptation Priority Action 2, our Resilience Plan was also developed with the partnership of FernLEAF/NEMAC. This plan focused on not only vulnerability as previously mentioned, but it also focused on how the city should adapt to best be suited for the impacts of climate change. The City has also worked with and adopted many of the initiatives*

*outlined within RCAP 2.0. With the grant to update the City's Vulnerability Assessment, the resulting product will also include an updated list of adaptation strategies. Adaptation projects are being incorporated into the update to the City's Stormwater Master Plan.*

**Q55. Is equity being embedded into Adaptation Action #3? Please indicate your progress toward embedding equity in this action with “1” indicating no progress and “5” indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Provide multiple benefits or co-benefits in disinvested communities based upon community input Prioritize the solutions/resources in the Plan by their potential to reduce risk rather than by geography, property values, or income Engage and collaborate with the community as part of the development of the Plan Ensure at least 50% of the solutions come directly from community members and/or organizations that represent community members from disinvested communities Use an Equity Toolkit to identify and correct any unintended impacts (and potential benefits) of actions within that Plan on low-income disinvested communities, or communities of color. Ensure the toolkit for each action is made public for accountability and discussion Develop metrics and milestones that are reported on publicly so the municipality can be held accountable. Set expectations with the community on the format and frequency of reporting Ensure solutions sufficiently address all climate threats. Take into consideration how climate threats affect individuals and neighborhoods differently (based on various factors including social determinants of health) Include a mix of solutions including a mix of policy and capital projects. Capital projects should include a plan and budget for upkeep and maintenance Include strategies that protect the lives and health of outdoor workers**

3

**Q56. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action?**

*When developing the Resilience Plan, all properties in the City were weighed equally, regardless of property value or location. When assessing the efficacy of adaptation strategies, equity and impact to human life was weighed. The vulnerability analysis and its provided solutions equally distributed the importance of addressing climate change with equity. Outreach programs are provided both in-person and virtual. In-person programs are offered at various locations throughout the city and both in-person and virtual events are hosted at different times and different days. By providing multiple options residents are able to select the program that best meets their schedules. The City also provides certain outreach documents in Spanish, the second most predominant language in South Florida.*

**Q57. Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only.**

**Q57(a). Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q57(b). Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q57(c). Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q57(d). Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q57(e). Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q58. Please indicate as to why you've been unable to make progress in Adaptation Action #3? Select all that apply.**

Skipped due to logic

**Q59. What resources could assist you in advancing this action?**

Skipped due to logic

**Q60. Describe the progress your local/tribal government has made related to Adaptation Action #4. Please select all that apply. This may include comprehensive plans, housing initiatives, post-disaster redevelopment plans, stormwater management plans, transportation plans, and land development regulations, inclusive of low-impact development. Sea Level Rise projections should be included in all planning activities.**

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY2021).

**Q61. Provide a brief description of the work you are advancing related to Adaptation Action #4. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.**

*Seeking grant funding for a Resilient Waterfront Adaptation Plan to focus on the potential risks to the private property, public property, critical assets, and residents along the waterfront due to sea level rise and storm surge. This plan will include design options to fortify the seawall, incorporating green infrastructure and nature-based solutions. It will also address future height considerations for the seawall. In addition, the City is actively working to increase the City's tree canopy by funding large scale plantings or hosting free tree giveaways to residents to reduce the Urban Heat Island effect and the negative side effects of it. The City's Watershed Advisory Committee continuously works to identify ways to increase the City's CRS rating.*

**Q62. Is equity being embedded into Adaptation Action #4? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Engage and collaborate with the community as part of the development of the Plan Ensure at least 50% of the solutions come directly from community members and/or organizations that represent community members from disinvested communities Design and write the Plan to protect all communities equally and encourage risk reduction in areas most vulnerable to the impacts of climate change. The Plan also takes into account unintended consequences—such as gentrification—and provides solutions to mitigate/ diminish negative impacts posed by solutions Include an equity statement and explicitly state how equity was included in the development of the Plan and how equity was integrated into the recommendations For redevelopment-specific actions or plans, ensure they are designed to improve conditions and resilience for burdened or disinvested communities rather than restore them to their current condition Use an Equity Toolkit to identify and correct any unintended impacts (and potential benefits) of any Plan, policy, or budget decision on low-income disinvested communities, or communities of color. Ensure the toolkit for each policy/plan/budget decision is made public for accountability and discussion List the affirmative steps made to incorporate and to include community input Proactively consider equitable relocation strategies wherever it may be necessary Include ways to minimize/eliminate displacement and incorporate equitable outcomes for existing communities in all relevant Plans**

3

**Q63. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action?**

*Extensive community outreach will be conducted on this plan throughout the City both in-person and virtual. In addition, the City is partnering with FAU on a "Visualizing Sea Level Rise" virtual reality simulation in which residents will be able to view in virtual reality how the City will be*

*impacted by sea level rise in the future and will be provided options of solutions that they will be able to visualize using this tool. This is a new method to engagement the public on future plans and if it is successful, engaging, and beneficial there could be other uses for engaging the public (such as for roadway projects...residents could visualize what the new road would look like with different types of bike lanes). This technology makes it possible to overcome language, age, and educational level barriers (just to name a few) that other forms of engagement are not able to overcome. The VR tool will also provide a narrative in English, Spanish, and Creole. Outreach programs are provided both in-person and virtual. In-person programs are offered at various locations throughout the city and both in-person and virtual events are hosted at different times and different days. By providing multiple options residents are able to select the program that best meets their schedules. The City also provides certain outreach documents in Spanish, the second most predominant language in South Florida.*

**Q64. Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only.**

**Q64(a). Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only.:**

(Did not answer)

**Q64(b). Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only.:**

(Did not answer)

**Q64(c). Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only.:**

(Did not answer)

**Q64(d). Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only.:**

(Did not answer)

**Q64(e). Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only.:**

(Did not answer)

**Q65. Please indicate as to why you've been unable to make progress in Adaptation Action #4? Select all that apply.**

Skipped due to logic

**Q66. What resources could assist you in advancing this action?**

Skipped due to logic

**Q67. Describe the progress your local/tribal government has made related to Adaptation Action #5. Please select all that apply. This may include improving stormwater management practices, adopting urban heat policies, updating infrastructure standards, conducting remediation of contaminated sites, and updating building codes.**

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY2021).

**Q68. Provide a brief description of the work you are advancing related to Adaptation Action #5. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.**

*The City's Comprehensive Plan addresses future land use, specifically in seasonal or periodic flood zones as well as in environmentally-sensitive lands, like policies that preserve the Loxahatchee Slough/River Corridor. The City's Landscape Policy establishes standards to protect and enhance the community appearance, promotes the conservation of water by encouraging the planting of native plants, protect and expand the community wide tree canopy, and promote energy conservation through design placement of trees and shrubs to achieve cooling by providing shade.*

**Q69. Is equity being embedded into Adaptation Action #5? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Engage and collaborate with the community as part of the development of the Plan Ensure at least 50% of the solutions come directly from community members and/or organizations that represent community members from disinvested communities Ensure policy is written to protect all communities equally and that it encourages risk reduction in areas most vulnerable to the impacts of climate change. The policy should also take into account unintended consequences- such as gentrification- and provide solutions to mitigate/diminish negative impacts posed by solutions Policies are written to improve the resilience of disinvested communities Policies are written to ensure equal access to new or proposed technology (e.g. public EV charging locations) Policies are written to improve conditions for disinvested communities through stronger**

remediation requirements or stormwater considerations Ensure contamination is not a barrier to adaptation. Remediate past harms while working to adapt to future threats, and take those future threats (like flooding) into consideration when selecting clean-up alternatives. Apply for EPA Brownfields grants if funding is the major obstacle Use an Equity Toolkit to identify and correct any unintended impacts (and potential benefits) of any policy on low-income disinvested communities or communities of color. Ensure the toolkit for each policy decision is made public for accountability and discussion

3

**Q70. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action?**

*In the City's planning process, residents are encouraged to make comments and provide input through various channels, whichever is best for the resident (in-person, online, by mail, over the phone, etc.). The City makes available to residents a list of all the planning meetings and workshops. The City encourages the development of neighborhood leadership to help disseminate information throughout their communities and neighborhoods. The City has over 31 appointed boards/committees made up of residents wishing to be more engaged with the decision making process of the City. In 2021, 40 percent were female and 60 percent were male; 59 percent were Caucasian, 24 percent were Black, 16 percent were Hispanic, and 6 percent were another race or ethnicity. Outreach programs are provided both in-person and virtual. In-person programs are offered at various locations throughout the city and both in-person and virtual events are hosted at different times and different days. By providing multiple options residents are able to select the program that best meets their schedules. The City also provides certain outreach documents in Spanish, the second most predominant language in South Florida.*

**Q71. Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only.**

**Q71(a). Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only.:**

(Did not answer)

**Q71(b). Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only.:**

(Did not answer)

**Q71(c). Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only.:**



(Did not answer)

**Q71(d). Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only.:**

(Did not answer)

**Q71(e). Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only.:**

(Did not answer)

**Q72. Please indicate as to why you've been unable to make progress in Adaptation Action #5? Select all that apply.**

Skipped due to logic

**Q73. What resources could assist you in advancing this action?**

Skipped due to logic

**Q74. Describe the progress your local/tribal government has made related to Adaptation Action #6. Please select all that apply. This may include living shorelines, water infrastructure, resilience hubs, parks & open spaces, urban greening, tidal valves, pump stations, road/bridge elevation.**

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY2021).

**Q75. Provide a brief description of the work you are advancing related to Adaptation Action #6. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.**

*West Palm Beach has developed a 5-Year Capital Improvement Program that helps reduce risk, adapt to a changing climate, and builds equitable community resilience. All projects in the program are prioritized first by the need to protect public health and safety. Priority 4 explicitly references the need to implement the City's Climate Change Adaptation Plan, optimize efficient use of public facilities, and promote infill and redevelopment projects.*

**Q76. Is equity being embedded into Adaptation Action #6? Please indicate your progress toward embedding equity in this action with “1” indicating no progress and “5” indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Engage and collaborate with the community as part of the development of the Plan Ensure at least 50% of the solutions come directly from community members and/or organizations that represent community members from disinvested communities Capital projects benefit all community members equally. Low-income disinvested communities, or communities of color are prioritized (i.e. for green spaces, resilience hubs, parks etc.) Prioritize resilience capital projects by the potential to reduce risk to human life and critical infrastructure rather than based on income or tax value Display resilience capital projects on a map with underlying layers showing demographics such as race, income, etc. to visually show that investments are not only being made to benefit high-tax value and/or waterfront properties. This map should also speak to the amount of investment in different parts of the municipality, including disinvested areas Use an Equity Toolkit to identify and correct any unintended impacts (and potential benefits) of any capital project on low-income, disinvested communities, or communities of color. Ensure the toolkit for each project is made public for accountability and discussion Ensure capital projects also take into account unintended consequences such as gentrification and provide solutions to mitigate/diminish negative impacts posed by solutions Ensure the burden of public funding for capital projects is equitable across communities Include a plan for upkeep and maintenance for any capital project List the affirmative acts of community outreach**

3

**Q77. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action?**

*West Palm Beach has embedded equity into this adaptation action by identifying key projects that will help reduce risks associated with climate change. The City's Comprehensive Plan includes a 5-Year Capital Improvement Program that prioritizes the importance to protect public health and safety. The Comprehensive Plan has also prioritized public planning meetings and workshops that residents can attend to provide feedback. During the planning process, extensive public engagement is conducted and the City is responsive to the community requests and needs. Justice 40 is being used as a prioritization tool for CIP projects. Outreach programs are provided both in-person and virtual. In-person programs are offered at various locations throughout the city and both in-person and virtual events are hosted at different times and different days. By providing multiple options residents are able to select the program that best meets their schedules. The City also provides certain outreach documents in Spanish, the second most predominant language in South Florida.*

**Q78. Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only.**

**Q78(a). Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only.:**

(Did not answer)

**Q78(b). Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only.:**

(Did not answer)

**Q78(c). Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only.:**

(Did not answer)

**Q78(d). Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only.:**

(Did not answer)

**Q78(e). Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only.:**

(Did not answer)

**Q79. Please indicate as to why you've been unable to make progress in Adaptation Action #6? Select all that apply.**

Skipped due to logic

**Q80. What resources could assist you in advancing this action?**

Skipped due to logic