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Q1. Local/Tribal Government
<i>City of Sunrise</i>
Q2. County
Broward County
Q3. Key Staff Contact
Q3(a). Key Staff Contact: Name
<i>Carrie Kashar, EdD</i>

Q3(b). Key Staff Contact: Title

Sustainability Officer

Q3(c). Key Staff Contact: Email Address

ckashar@sunrisefl.gov

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 of Sunrise has developed the Sunrise Sustainability Action Plan (approved in 2019), a comprehensive sustainability master plan that serves as a guidance document for integrating sustainability throughout municipal operations and our community. The development of the Sunrise Sustainability Action Plan included a baseline greenhouse gas (GHG) inventory as a benchmark for reporting and tracking our progress over time, a preliminary vulnerability assessment of key City infrastructure, and an initial assessment of sustainability citywide using a national rating tool. The Sunrise Sustainability Action Plan sets 18 goals, and provides a road map of strategic measures to meet the goals by integrating and institutionalizing sustainability throughout municipal projects, programs and operations, and sets a GHG emissions reduction target. The City of Sunrise plans to report progress and update the GHG inventory every five years. Progress reports and updates will be made publicly available. The Sunrise Sustainability Action Plan is available for review and download on the City's Good and Green webpage at www.sunrisefl.gov/our-city/good-and-green/sustainability-action-plan Projects included in the Capital Investment Plan (CIP) are evaluated for environmental benefits including energy efficiency and other sustainability measures. Those projects meeting sustainability goals are indicated with the City of Sunrise Good and Green logo.

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

4

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

The City of Sunrise has 10 residential advisory boards. Each board has a stated purpose and serves as a link between residents and City government on issues from affordable housing and cultural affairs to social services and sustainability. The City values members' time, and to remove a potential barrier to participation and ensure equity, stipends are provided to residential members. The City worked cooperatively with our community, including advisory boards, through multiple approaches for two years to understand our vulnerabilities and determine sustainable ways to adapt to and mitigate impacts from climate change and our changing environment through the development of our Sunrise Sustainability Action Plan. Sunrise has established an Accessibility Policy. <https://www.sunrisefl.gov/our-city/accessibility-policy>

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.:

Sunrise Sustainability Action Plan [PDF].pdf

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.

Eight capital projects were prioritized as part of the City of Sunrise Sustainability Action Plan (SAP) to enhance the sustainability of City operations and form the nucleus of our City's sustainability portfolio. Combined, the eight capital projects are expected to reduce 13,480 MTCO_{2e} over a 10-year period contributing toward meeting the City's greenhouse gas reductions target. To date, seven out of the eight SAP projects have been initiated, and are in various levels of implementation. Progress has been made toward energy tracking and benchmarking, LED lighting retrofits, water efficiency and conservation measures, and fuel efficiency including electric vehicle and electric vehicle support equipment procurement.

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

3

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

The City has enabled the Property Assessed Clean Energy (PACE) program through Broward County providing a financing mechanism to make energy efficiency, and renewable energy, more accessible. In addition, the City actively promotes the Broward Solar Co-op to our community. City website includes "EnergyWise" and "Going Solar" webpages that are compatible with assistive technology. Annual funding is devoted to Good and Green outreach to support and promote sustainability initiatives which includes water and energy-related efficiency and conservation education. A residential Sustainability Advisory Board makes recommendations for prioritizing improvements related to sustainability. Sunrise Utilities provides free water-saving devices and high efficiency toilet rebates, and smart irrigation system rebates to utility customers.

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.

Sunrise has solar thermal water heating installed on two of the City's Fire Stations through a grant from Energy Efficiency & Conservation Block Grant Program. Solar opportunities are being assessed on new City facility projects. Solar PV is included in the design plan for the new Equipment & Storage Building at our Springtree Plant (currently in the permitting phase). Promotional partner for

the Broward Solar Co-op to educate residents on going solar. Property Assessed Clean Energy (PACE) financing is available for Sunrise businesses and residences. A solar feasibility study is included in the implementation timeline of the Sunrise Sustainability Action Plan.

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

2

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

City informs the public and promotes participation in the Broward Solar Co-op to advance the use of solar energy in Sunrise. City website includes "EnergyWise" and "Going Solar" webpages that are compatible with assistive technology. Annual funding is devoted to Good and Green outreach to support and promote sustainability initiatives which includes water and energy-related efficiency and conservation education.

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.

The City of Sunrise is continuing to advance Green Fleet efforts. Significant progress has been made on procurement of low emissions, fuel efficient hybrids (34 on the road with 14 additional on order for City Fleet), and the City has five electric vehicles for City Fleet. The City is designing new City facilities as EV Capable. Sunrise participates in Drive Electric events, displays electric fleet vehicles at City events, and hosted an EV test drive event for City staff (pre-pandemic). In addition, City Fleet

are wrapped to inform the public that they are electric and part of the City Good and Green initiatives. Sunrise is developing a plan for expanding EV charger installation to advance the regional public charging network at City facilities. In addition, Sunrise updated its Planned Unit Development Ordinance to require a new residential development to include 2% of parking spaces by EV Ready with Level 2 charging. In addition, the ordinance requires bicycle parking spaces shall be provided throughout the site by way of bicycle racks capable of accommodating a cumulative minimum equal to 5% of the required vehicle parking.

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

1 - No progress

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

A residential Sustainability Advisory Board makes recommendations for prioritizing improvements related to sustainability. The development of electric vehicle and electric vehicle support equipment was reviewed by the advisory board in January 2021.

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.

Even though transit services are provided through Broward County, the City of Sunrise has made some progress particularly to reduce VMTs. The City's Comprehensive Plan includes policies for the implementation of a safe and comfortable bikeway/walkway system. The City of Sunrise set a goal to achieve 46.2 miles of bikeways and reach other mobility milestones that will help us continue to realize the vision of a safe, healthy and connected Sunrise. The Sunrise Bicycle & Pedestrian Greenways & Trails Master Plan, adopted in 2015, was created through the collaborative efforts of the City's Leisure Services, Community Development, and Capital Projects teams, the Bicycle and Pedestrian Advisory Board, and the residents of Sunrise to improve roads, sidewalks, and trails to prioritize a safer, more walkable and bikeable community. In December 2018, Sunrise received a national designation as a Bicycle Friendly Community by the League of American Bicyclists. In 2019, themed and colorful bike racks and bike repair stations thanks were installed at many Sunrise Parks, in part, to the generous AARP Community Challenge Grant. In addition, Sunrise has a hiring policy through Human Resources that gives preference to candidates who live with the City helping to reduce employee commutes. During the COVID-19 pandemic, Sunrise launched a pilot teleworking program, allowing many City employees to work from home, which significantly reduced the number of vehicle miles traveled by employees (the policy was discontinued on June 1, 2021). Recently, the City of Sunrise is working to develop design concepts for a new, meaningful, city-wide standard bus shelter for transit riders. The new shelters will include seating, public art, LED lighting (solar where possible), waste receptacles, bike racks, and a designated space for a community message board or bus route map. Installation will be a phased approach with Phase 1 to include five locations that will begin construction this year.

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

4

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

*The Sunrise Bicycle & Pedestrian Greenways & Trails Master Plan development included extensive public outreach efforts including engagement of the City's Bike & Ped residential advisory board. A "Biking in Sunrise" webpage was created that includes a bike lane map; City website content is compatible with assistive technology. The City follows Complete Streets Guidelines which improve transportation facilities in a multi-modal design to provide the best and safest accommodations for all users, including motorists, cyclists, pedestrians, and transit users. Sunrise annual budget includes funding for sidewalk maintenance which includes additions and upgrades to close gaps to connect existing sidewalk networks, and adding curbs and ADA ramps. The City of Sunrise dedicates annual budget (since 2017) to our Neighborhood Traffic Calming Program designed to provide residents with an opportunity to raise neighborhood traffic concerns and to participate in the selection of strategies that promote safe and pleasant conditions for residents, pedestrians, bicyclists and motorists in Sunrise neighborhoods. Sunrise has established an Accessibility Policy.
<https://www.sunrisefl.gov/our-city/accessibility-policy>*

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.

We have not yet begun work on this priority action.

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.

Skipped due to logic

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

Skipped due to logic

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

Skipped due to logic

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.:

Skipped due to logic

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

Skipped due to logic

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

Skipped due to logic

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

Skipped due to logic

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

Skipped due to logic

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

Limited resource capacity to advance climate action

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

The City of Sunrise has not yet evaluated its organizational capacity to respond to climate change. Sunrise does have staff and resources that support activities and projects to help support and advance adaptation/resilience. These staff and resources could be identified within the next couple years. Sunrise could benefit from Broward County, or a Compact partner, developing a toolkit (include checklist, survey(s), and example actions for building capacity) to assist in developing a plan for how to prioritize capacity for adaptation/resilience-building work. In addition, the Compact could look for funding opportunities to develop a virtual training module specific to Southeast Florida to offer resilience capacity building training for City employees.

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.

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.

As part of the development of the Sunrise Sustainability Action Plan, an initial citywide vulnerability assessment was completed. The Vulnerability Assessment characterizes the potential impacts to Sunrise from changing conditions stemming from climate change, and provides an overview of the types of known and anticipated impacts from climate change and makes recommendations for Sunrise to consider in future decision-making. The vulnerability analysis was completed to: characterize the City's stormwater relationship to the regional system and potential future sea level rise impacts; review expected future flood risk and assumptions stemming from predicted precipitation patterns; identify road segments within FEMA-designated special flood hazard areas; and, identify the status of stormwater features, by Basin, that may require retrofits or further analysis.

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

2

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

The City worked cooperatively with our community, including advisory boards, through multiple approaches for two years to understand our vulnerabilities and determine sustainable ways to adapt to and mitigate impacts from climate change and our changing environment through the development of our Sunrise Sustainability Action Plan.

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.

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.

Development of the Sunrise Sustainability Action Plan incorporated a Vulnerability Analysis which led to the Vulnerability goals with subsequent strategic actions and timelines adopted in the plan. Through implementation of the Sunrise Sustainability Plan, the City is proactively planning for the wise use of resources and becoming more resilient to future climate impacts by integrally linking our transportation, water, and stormwater master planning and decision-making processes and laying the groundwork for future resiliency planning and development within the City.

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?

The City worked cooperatively with our community, including advisory boards, through multiple approaches for two years to understand our vulnerabilities and determine sustainable ways to adapt to and mitigate impacts from climate change and our changing environment through the development of our Sunrise Sustainability Action Plan. At least 50% of the Vulnerability actions in the Sunrise Sustainability Action Plan came from community members (8 out of 15). The Sunrise Sustainability Action Plan is publicly available on the City's website that are compatible with assistive technology. The greenhouse gas inventory and implementation progress will be reported every five years. Annual sustainability milestones are posted on the City's Good and Green webpage. Sunrise has established an Accessibility Policy. <https://www.sunrisefl.gov/our-city/accessibility-policy>

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.

Recently, the Sunrise Stormwater Master Plan (SWMP) was a considerable undertaking to update

the City's 2001 Stormwater Master Plan. This included the development of a citywide stormwater model utilizing StreamlineTechnologies ICPR Stormwater Modeling Software. The completed SWMP provides recommendations for improvements, including estimated design, construction, and operating costs, to the stormwater management infrastructure for both the existing and proposed new development areas of the City. The SWMP also provides guidance to determine future funding requirements for stormwater management capital improvement projects for the next five to twenty years. Sunrise started implementing citywide water level monitoring, and received funding for key projects for Sunset Strip Drainage Improvement Projects (\$1.5 Million), and for the Stormwater Pump Station #8 (\$2 Million federal appropriation). The Sunrise Utilities Department Risk and Resilience Assessment was conducted as an internal-assessment adhering to the American Water Works Association's Risk Analysis and Management for Critical Asset Protection (RAMCAP) methodology in conjunction with the EPA's Vulnerability Self-Assessment Tool (VSAT) 2.0 to prepare the analysis and report. The assessment resulted in a score using the Utility Resilience Index measuring the utility's capability to respond and recover from an incident that impacts critical operations. Sunrise Utilities Department also completed an update to its Water Supply Plan (2020 update) which included updates to the Sunrise Comprehensive Plan. The Water Supply Plan 2020 ensures Sunrise Utilities is capable of meeting all the needs of its customers through construction and operation of a water system capable of meeting not only today's demands but also demands through 2040. In support of the regional water supply, the City of Sunrise has committed investment to the C-51 Reservoir Project to enhance resilience of water supply.

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

1 - No progress

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

adaptation action?

No progress.

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.

We have not yet begun work on this priority action.

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.

Skipped due to logic

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.

Skipped due to logic

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

Skipped due to logic

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.:

Skipped due to logic

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

Skipped due to logic

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

Skipped due to logic

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

Skipped due to logic

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

Skipped due to logic

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

Internal competing programs and therefore not a key priority

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

It is worth noting, that although the City of Sunrise does not yet have any policies related to urban heat resilience, the City does have ongoing programs related to tree canopy. One example is the Residential Landscape Beautification Program "Plant It Forward" encouraging eligible single-family property owners to install trees within their property and assist with growing the City's urban

forest. The program is designed to focus on the portion of the City representing low income areas where cost would be a barrier to replacing lost tree canopy and/or planting shade trees. More information on the Plant It Forward program can be found at www.sunrisefl.gov/departments-services/residential-landscape-beautification-program

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.

City of Sunrise has made significant progress toward promoting resiliency in water supply by expanding opportunities in alternative sources with the City's Reuse Water program. This is the City's most significant capital project with a resilience component, including planned investment funds for ongoing reuse initiatives. This is a long-term project, which initially began in 2009 with a feasibility study, then construction of reuse facilities in 2014-2019, with goals to expand for distribution up to 8 MGD by 2050. The City's Reuse Water program is currently in the construction and installation phase to install the reuse pipelines within portions of the Sawgrass International Corporate Park, to Artesia and through Sawgrass Mills. On Election Day in 2014, more than 70% of Sunrise voters approved the City's general obligation (GO) bond referendum. The Sunrise GO Bond allowed the City to acquire land for new parks and open space, expand existing community facilities like the Sunrise Senior Center, and upgrade existing parks. The West Sunrise Transit Oriented Design Infrastructure Improvements Project began in 2020 and is expected to be completed in 2024. As part of the overall development of the Sawgrass Mills Mall area there will be a need for various infrastructure improvements (e.g. drainage, lighting, bicycle lanes, sidewalk, signage, landscaping, irrigation) to be made by the City. The Capital Improvement Project for the replacement of Stormwater Pump Station # 5 began.

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?

The City took the voter referendum to the community to decide about funding expansion and upgrades to parks and open space. Sunrise publishes a Capital Projects GIS Map on the City's Utility Department webpage. Maintenance and upkeep is considered for each project, and budget requests include a maintenance budget if needed.

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