#18

COMPLETE

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Page 1: Overview

Q1

Local/Tribal Government

City of Boynton Beach

Q2 Palm Beach County

County

Q3

Key Staff Contact

Name Rebecca Harvey

Title Sustainability Coordinator

Email Address harveyr@bbfl.us

Page 3: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q4 Yes

Is your local/tribal government advancing activities related to Mitigation Action #1?

Page 4: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q5 Respondent skipped this question

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

Q6 Respondent skipped this question

What resources could assist you in advancing this action?

Page 5: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q7 Yes

Is your local/tribal government advancing Mitigation Action #1 through assessment/planning methods?

Page 6: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q8

Provide a brief description of how Mitigation Action #1 is being advanced through assessment/planning methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City uses the SustainaBaseTM platform to track municipal and community greenhouse gas emissions inventory data. The City has collected data on government emissions for 2006, 2015, 2017, 2018, 2019 and 2020; and community-wide emissions for 2015, 2017 and 2020. Emissions are trending downward for both, suggesting that a 50% reduction goal by 2035 is feasible.

Q9 No

Is equity being embedded into Mitigation Action #1 through assessment/planning methods?Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive quidance. 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. Hire a staff person from within the community to manage projects related to this activity Dedicate funds for multilingual communications and outreach Provide multilingual reporting efforts (print and spoken word) Connect with other municipal departments providing services for lowincome or elderly residents and explicitly investigate opportunities for mutual benefits Ensure goals are shared with administration to create opportunities for collaboration Provide racial equity training for key administrators 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 Provide a means to measure and compare results Provide local communities the technology and infrastructure to ensure equal access to information Include raw numbers in report to allow for independent analysis by community members Create a public website with open data To achieve mitigation goals, plan any project/program implementation to first benefit parts of the community which are most energy cost-burdened and/or exposed to air pollution impacts and ensure no additional costs are imposed on them related to implementation

Page 7: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q10

Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's assessment/planning methods?

Page 8: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q11 Yes

Is your local/tribal government advancing Mitigation Action #1 through program development methods?

Page 9: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q12

Provide a brief description of how Mitigation Action #1 is being advanced through program development methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City committed to the Global Covenant of Mayors for Climate and Energy in 2018 and reports emission data and climate actions annually via the CDP (Carbon Disclosure Project) public platform.

The City has pledged to join ICLEI150- Local Governments for sustainability in the Cities Race to Zero initiative.

Q13 Yes

Is equity being embedded into Mitigation Action #1 through program development methods?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. Build partnerships with communitybased organizations, HOAs, and community-based forums to help define, design, and advance the work as well as spread the word Ensure that your partnerships have significant diversity at the table, representing different age groups, neighborhoods, and races/ethnicities present in your community. Prioritize neighborhoods historically home to communities of color that may have been left out of decision making. Include stakeholders from economic sectors in the community Prioritize partnerships with others such as Florida Power & Light to purposefully deploy renewable energy in low- and moderate-income areas of municipality first. Stormwater ponds adjacent to major highways are an opportunity for this

Page 10: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q14

Please provide a brief explanation of the ways in which you are embedding equity into this action's program development methods?

The Global Covenant and Race to Zero require planning and implementing equitable climate action initiatives.

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Q15 Yes

Is your local/tribal government advancing Mitigation Action #1 through policy methods?

Page 12: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q16

Provide a brief description of how Mitigation Action #1 is being advanced through policy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

On March 3, 2020, the City adopted the 2020 Climate Action Plan (CAP) via Resolution No. R20-021, committing to local actions and policies to reduce greenhouse gas emissions. The CAP established GHG emission reduction targets of 50% reduction below 2015 levels by 2035 and Net Zero GHG Emissions by 2050.

Q17 Yes

Is equity being embedded into Mitigation Action #1 throughpolicy methods? 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. Use a Racial Equity Toolkit to consider impacts before taking on any project Establish a mechanism to regularly present progress to the residents/businesses to increase accountability and transparency Ensure an equity first framework, so that GHG emission reductions do not come at the expense of low-income and/or communities of color Seek out solutions with multiple benefits and explain what those are in your plan. This will help build bridges across municipal departments and lift up the relevance of climate actions across the community Identify those entities within communities that are the highest producers of GHG and provide incentives for correction

Page 13: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q18

Please provide a brief explanation of the ways in which you are embedding equity into this action's policy methods?

The CAP aims to embed equity into climate action planning and implementation, primarily through eliciting diverse stakeholder participation and considering the impacts that the recommended strategies may have on vulnerable populations. The CAP references the "Climate Action through Equity" report by Portland and Multnomah County as a guide.

Page 14: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q19 Yes

Is your local/tribal government advancing Mitigation Action #1 through budget/investment methods?

Page 15: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q20

Provide a brief description of how Mitigation Action #1 is being advanced through budget/investment methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City has contracted SustainaBase, LLC since 2016 to conduct the City's GHGIs and track results in their online platform SustainaBaseTM. The platform has been customized for Boynton Beach to allow staff to track energy and resource use in City Operations and community-wide, to manage climate targets and commitments, and to track CAP implementation all in one place. The City plans to continue to refine the platform to track energy use in City facilities for internal benchmarking and is working to integrate it with Energy Star's Portfolio Manager. Future customization may include creating a web-based interface to report City GHGI data to the public.

Q21 No

Is equity being embedded into Mitigation Action #1 through budget/investment methods?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. Overlay any expenditures to advance this goal with census data on maps to ensure that expenditures/ investments are occurring in all areas of the municipality, positively impacting communities of all demographic make-ups. This will help a community stay accountable to not only investing in the area where they receive the most tax revenue or receive the most complaints Ensure that investments related to this action are prioritized in communities that have the most need and/or have been disinvested Include stipends/payments for volunteers in your budget Make sure budgeted meeting costs include childcare, meals, and/or interpretation service

Page 16: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q22 Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's budget/investment methods?

Page 17: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q23 Yes

Is your local/tribal government advancing Mitigation Action #1 through education/outreach/advocacy methods?

Page 18: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q24

Provide a brief description of how Mitigation Action #1 is being advanced through education/outreach/advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

A Climate Action Workshop was held in October 2019, and results were used to categorize GHG reduction strategies in the CAP as low, medium, or high community priority. The Sustainability Coordinator conducts regular outreach about the CAP and greenhouse gas targets via community events, presentations, and FSDN/SSDN workgroups.

Q25 No

Is equity being embedded into Mitigation Action #1 through education/outreach/advocacy methods?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. Ensure that there are at least monthly community meetings seeking input, not just education, through the life of the planning process, as well as annual update meetings on the municipality's progress during implementation. These meetings should take place at a variety of times, including evenings, and offer food and childcare to reduce barriers to attendance and participation. The meetings should be advertised by a community-based communications and outreach consultant who is from the community(ies) that you seek to target. 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 Ensure that education and outreach is available in multiple languages and information on the web is screen-reader compatible Consider letting a community-based organization co-host a meeting or provide "meeting in a box" tools to let community-based organizations host their own event and report back Utilize multiple engagement methods, e.g. online and in-person. Utilize existing relationships with other municipal departments Devote resources to outreach in populations/neighborhoods frequently unengaged by government Hire a volunteer that lives in that neighborhood or a community-based organization that works with that population 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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Please provide a brief explanation of the ways in which you are embedding equity into this action's education/outreach/advocacy methods?

Q26

Page 20: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Respondent skipped this question

Q27

Please provide any supporting documents for the various methods that you answered Yes under Mitigation Action #1.

Boynton CAP2020_3March2020.pdf (1.3MB)

Page 21: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q28 Yes

Is your local/tribal government advancing activities related to Mitigation Action #2:

Page 22: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q29 Respondent skipped this question

Please indicate as to why you've been unable to make progress on Mitigation Action #2? Select all that apply.

Q30 Respondent skipped this question

What resource could assist you in advancing this action?

Page 23: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q31 Yes

Is your local/tribal government advancing Mitigation Action #2 through assessment/planning methods?

Page 24: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q32

Provide a brief description of how Mitigation Action #2 is being advanced through assessment/planning methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City uses the online SustainaBaseTM software platform to track energy use in City facilities for internal benchmarking and is working to integrate it with Energy Star's Portfolio Manager.

Q33 No

Is equity being embedded into Mitigation Action #2 through assessment/planning methods?Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive quidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. If possible, prioritize hiring a people of color or women-owned local contractor or contractors for municipal energy efficiency programs Require any municipal funding related to energy efficiency retrofits to be prioritized in communities that have been disinvested first Encourage the use of EnergyStar Portfolio Manager, a free and publicly available online tool, for assessing energy efficiency of buildings Have an explicit plan/criteria for site prioritization to avoid political pet projects Conduct an assessment to identify energy use trends those who are most energy-cost burdened; prioritize areas which are most energy-cost burdened first Identify areas with substandard housing and work to improve conditions. which can impact quality of life and energy cost burden Engage communities most impacted by energy inefficiency in planning and prioritizing community projects/action Include considerations for renters in programming/recommendations (non-construction projects)

Page 25: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q34 Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's assessment/planning methods?

Page 26: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q35 Yes

Is your local/tribal government advancing Mitigation Action #2 through program development methods?

Page 27: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q36

Provide a brief description of how Mitigation Action #2 is being advanced through program development methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions

Energy Edge Rebate Program: Since 2014, the City's Energy Edge Rebate Program uses the Green Building/Sustainable Community Fund to provide rebates of up to \$1,500 to eligible City residents and small businesses that install qualified energy-efficient air conditioners, doors and windows, reflective roofs, water heaters, solar photovoltaics (PV), insulation, and electric vehicle supply equipment (EVSE). In 2019, the program was streamlined and updated to include EVSE and solar PV. (C-2.2)

PACE Financing: The City has agreements with four providers of Property Assessed Clean Energy (PACE) financing for energy efficiency, renewable energy, and wind resistance improvements to homes and businesses. (C-2.2)

Q37 Yes

Is equity being embedded into Mitigation Action #2 through program development methods?Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive quidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Develop municipal partnership with the Solar Energy Loan Fund program (already in several municipalities across the state) in order to provide safe financing for low- and moderate-income communities 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 Partner with community-based organizations and organizations that provide direct services. Often times they are the first line of communication with community members and are great starting point for outreach to populations frequently unengaged by government Partner with a Commissioner/Mayor to retrofit an affordable housing building Target energy efficiency programs to parts of the community with the greatest need (defined as level of energy burden) as well as those large consumers Invite community input early in the program development process. Host listening sessions, focus groups, and workshops to understand the energy needs in communities and what obstacles they are facing when trying to lower their energy usage and bills. Use this information to build programs and improve existing programs to address the identified needs

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Q38

Please provide a brief explanation of the ways in which you are embedding equity into this action's program development methods?

The Energy Edge Rebate Program redistributes revenue collected from developers (via the green building fee) back to community members to reduce energy burdens and offset the costs of energy efficiency improvements.

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Q39 Yes

Is your local/tribal government advancing Mitigation Action #2 through policy methods?

Page 30: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q40

Provide a brief description of how Mitigation Action #2 is being advanced through policy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Green Building Ordinance: The City first passed a Green Building Ordinance in 2011 (updated 2014) which established a Green Building Fee on all construction permits (currently set at 0.05% of total construction cost) and a Fund consisting of the collected revenue. The ordinance provides incentives (expedited permitting, marketing, etc.) for achieving green building certification and requires the City to comply with a sustainable building rating system or a national model green building code for all government buildings. (G-2.1, C-2.1)

Sustainable Development Standards: On September 5, 2019 the City Commission approved Ordinance 19-027 amending the Land Development Regulations to include "Sustainable Development Standards," which requires new development and redevelopment projects to incorporate a certain number of site and building sustainable design options. The ordinance requires outdoor LED lighting and white roofs; and includes numerous building efficiency options (efficient cooling, water heating, solar PV, interior LED lighting, etc.). (C-2.1)

Q41 Yes

Is equity being embedded into Mitigation Action #2 through policy methods? 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. Include extreme heat as a climate hazard to consider in any municipal resiliency plans Institute cooling centers in the communities facing high indoor heat burden, air pollution, or urban heat island effect 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 Push for mandatory requirements over incentives in new construction Provide property tax breaks for landlords who install energy conservation measures in rental housing Require rental units to meet baseline levels of energy efficiency and make more stringent over time Provide financial incentives for energy savings/alternative sources for qualified affordable housing providers/developers with an ultimate goal of having all affordable housing operating at net zero or better in 15 years

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Q42

Please provide a brief explanation of the ways in which you are embedding equity into this action's policy methods?

The intent of the Green Building Fund is to redistribute revenue collected from developers (via the green building fee) back to community members to reduce energy burdens and offset the costs of energy efficiency improvements.

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Q43 Yes

Is your local/tribal government advancing Mitigation Action #2 through budget/investment methods?

Page 33: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q44

Provide a brief description of how Mitigation Action #2 is being advanced through budget/investment methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

District Energy Plant: The Town Square redevelopment project includes a district energy plant for cooling all buildings within the project's 16-acre footprint. The plant began operations in 2020 and currently provides cooling to the City Hall, Fire Station #1, Arts and Cultural Center, and Children's Schoolhouse Museum. It will also serve private buildings when they are constructed. (G-2.1)

WWTF Retrofits: The South Central Regional Wastewater Treatment Facility was upgraded in FY20/21 for efficiency and increased capacity. (G-2.2)

EWTP Upgrade: In 2017, the East Water Treatment Plant was upgraded to treat water transported from the western wellfield via a 6-mile-long pipeline. This project allows the City to treat more water on the City's east side, which has the greatest demand. The upgrade also maximizes the use of the East Water Treatment Plant's lime softening process which is much less energy intensive than the West Water Treatment Plant. Other improvements to the plant included filter valve replacements and replacement of the plant's high service pumps with premium efficiency pumps and motors. (G-2.2, C-2.3)

EECBG: The City obtained an Energy Efficiency and Conservation Block Grant in 2010 to retrofit the Ezell Hester Community Center. (G-2.1)

Golf Course Retrofit: In 2014, the City upgraded the electrical system of The Links at Boynton Beach golf course. (G-2.1)

Lighting and HVAC Retrofits: Most City facilities have been upgraded with lighting occupancy sensors and efficient T-8 fluorescent bulbs. Lighting is being upgraded to LED in City facilities on an ongoing basis. HVAC systems & air handlers are replaced with more efficient systems where feasible. (G-2.1)

Q45 No

Is equity being embedded into Mitigation Action #2 through budget/investment methods?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. Allocate funds annually to pay for outreach campaigns to ensure all communities are aware of energy efficiency programs and assistance Offer financial incentives or financing programs to assist small business owners and/or cash strapped households in efficiency upgrades, and ensure people are aware of incentives Establish a municipality-based weatherization grant program (in addition to County programs) and fund it (to include weather strapping and caulking to improve air seals. replacing or installing insulation, replacing windows, installing energy efficient air conditioning where it is not otherwiseavailable, and other similar repairs free of charge) Fund energy efficient giveaways (LED light bulbs. smart power strips, weather stripping, etc.) at no cost to the resident and automatically provide to residents who are having a hard time paying their bills or have had utility shut-off Ensure maintenance of green infrastructure is considered in proposal so benefits endure Consider creating a Tax Increment Financing (TIF) program or other finance mechanism from successful economic sectors.

Page 34: Greenhouse Gas Emissions Mitigation Priority Action #2 (Building Efficiency)

Q46 Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's budget/investment methods?

Page 35: Greenhouse Gas Emission Mitigation Priority Action#2 (Building Efficiency)

Q47 Yes

Is your local/tribal government advancing Mitigation Action #2 through education/outreach/advocacy methods?

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Q48

Provide a brief description of how Mitigation Action #2 is being advanced through education/outreach/advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

City Hall Green Globes: The City achieved Green Globes for New Construction certification for the City Hall & Library in 2020. and Police Headquarters. (G-2.1)

Police Department Green Globes: The City achieved Green Globes for New Construction certification for the Police Department Headquarters in 2020. (G-2.1)

EWTP Envision Bronze: In 2017, Boynton Beach Utilities was recognized with the Envision Bronze Award by the Institute for Sustainable Infrastructure for upgrades to the East Water Treatment Plant. (G-2.2)

5th grade Conservation Education Program: Boynton Beach Utilities has sponsored an in-school Water Conservation Education Program since 2014 that teaches students, their teachers, and their parents about the importance of conservation through a classroom curriculum and the installation of a home conservation kit. The program has reached up to 1,000 5th grade students each year at elementary schools within the Boynton Beach Utilities service area. The program was expanded in school year 19-20 to include both energy and water conservation. (C-2.2)

Conservation Education and Outreach: The City disseminates water conservation information at community events, on the website, and through social media. The City has held public workshops on Water Conservation and Green Energy, and issues annual proclamations for National Energy Efficiency Day (October) and Water Conservation Month (April). In 2021 the City participated in the Wyland National Mayor's Challenge for Water Conservation (part of Earth Month activities in April). (C-2.3)

Q49 Yes

Is equity being embedded into Mitigation Action #2 through education/outreach/advocacy methods?Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive quidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Ensure the elderly population, lowincome communities, and others facing a high energy burden are aware of energy efficient options available to them (FPL rebates for programmable thermostats etc.) Ensure any information about this program is available in languages commonly spoken in the community and is also accessible to screen readers Ensure that outreach goes beyond posting a page on the website or a flyer. Conduct direct outreach to target communities that are most in need of programming. This could include robo-calls or text alerts to seniors, contact sheets from other social services, radio programs, piggybacking as part of publicschool outreach efforts to parents, etc. All of these direct outreach approaches should be done in a multilingual format Work with local community-based organizations to be an education partner on energy efficiency behaviors and techniques/installations Provide educational resources and technical assistance to industry professionals, building owners and managers, and residents on all aspects of energy efficient building design, retrofits, and operations for new and existing buildings Create or adapt existing apprentice programs to build a skilled front-line workforce. focusing on building and maintaining alternative energy production and energy saving technologies. Give preference to people and projects in the areas of greatest un- and under-employment Advance the use and adoption of solar energy within government operations and community-wide

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Q50

Please provide a brief explanation of the ways in which you are embedding equity into this action's education/outreach/advocacy methods?

The Water Conservation Education Program reaches households with high energy burdens by working with 5th grade classrooms throughout the Utilities service area.

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Q51

Please provide any supporting documents to the various methods that you have answered Yes under Mitigation Action #2.

19-011.pdf (4.7MB)

Page 39: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q52 Yes

Is your local/tribal government advancing activities related to Mitigation Action #3:

Page 40: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q53 Respondent skipped this question

Please indicate as to why you've been unable to make progress on Mitigation Action #3? Select all that apply.

Q54 Respondent skipped this question

What resources could assist you in advancing this action?

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Q55 Yes

Is your local/tribal government advancing Mitigation Action #3 through assessment/planning methods?

Page 42: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q56

Provide a brief description of how Mitigation Action #3 is being advanced through assessment/planning methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

NREL Solar Training: In 2018, the City Sustainability Coordinator participated in the National Renewable Energy Lab's (NREL's) Solar Photovoltaic (PV) Training Program for Cities and Counties. (G-2.3)

Landfill Solar: The City has conducted a preliminary evaluation of the potential for solar PV development on the closed municipal landfill. (G-2.3)

Energy Study: Boynton Beach Utilities hired McGovern McDonald Engineers to complete an Energy Generation Technologies Study (2018) comparing costs and benefits of solar PV vs. other energy generating technologies. (G-2.3)

Q57 No

Is equity being embedded into Mitigation Action #3 through assessment/planning methods?Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive quidance. 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. If possible, prioritize hiring a people of color or women-owned local contractor or contractors or solar installation company Require any municipal funding related to solar energy installations be prioritized in communities that have been disinvested Assess the solar potential of all sites within the community in an equitable manner Solar potential scores should not be based on property values or historic investments in the area, but rather on the potential for solar energy production and benefits to the surrounding community Conduct solar feasibility assessment for all affordable housing owned by the municipality Conduct solar feasibility for all critical infrastructure especially cooling centers/resilience hubs Conduct an assessment to identify energy use trends, those within the community who are most energy-cost burdened, and prioritize projects for those areas/people Identify areas with substandard housing and work to improve conditions which can impact quality of life and energy-cost burden Consider establishing microgrids on municipally owned-owned properties (such as public housing, libraries, and schools) 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

Page 43: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q58 Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's assessment/planning methods?

Page 44: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q59 Yes

Is your local/tribal government advancing Mitigation Action #3 through program development methods?

Page 45: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q60

Provide a brief description of how Mitigation Action #3 is being advanced through program development methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Energy Edge Rebate Program: The Energy Edge Rebate Program provide rebates of up to \$1,500 for solar PV and solar hot water heaters. In 2019, the Energy Edge Rebate Program was streamlined to make it more accessible to Boynton Beach residents and businesses, including those who use PACE financing. (C-2.4)

FPL Solar Now: In 2017-2018, the City partnered with FPL's SolarNow Program to install two solar "trees" and two solar canopies at Oceanfront Park, and a solar canopy at Barrier Free Park. These installations generate 256 kW of electricity to the electricity grid. (G-2.3)

Solar Co-ops: The City partnered with Solar United Neighbors to promote Palm Beach County Solar Co-ops in 2018, 2019, and 2021. (C-2.4)

PACE Financing: The City provides Property Assessed Clean Energy (PACE) financing for energy efficiency, renewable energy, and wind resistance improvements to homes and businesses. (C-2.4)

Q61 Yes

Is equity being embedded into Mitigation Action #3 through program development methods?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. Work with companies like FPL to establish solar microgrids in low- to moderate-income areas of the municipality Develop municipal partnership with Solar Energy Loan Fund (already in several municipalities across the state) in order to provide safe financing for low and middle-income communities Partner with local organizations who are working on energy issues to help with outreach Include community leaders and members in program design Prioritize spending in municipal-owned affordable housing first, then buildings that provide resources/ services to low- and moderateincome, majority Black residents Consider ways renters can reap benefits of solar, e.g. community solar projects Install solar and battery storage in locations that will serve as resilience hubs or cooling centers Identify what buildings/services will be needed to serve the community in the case of a blackout

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Q62

Please provide a brief explanation of the ways in which you are embedding equity into this action's program development methods?

The Energy Edge Rebate Program redistributes revenue collected from developers (via the green building fee) back to community members to reduce energy burdens and offset the costs of solar energy. Partnering with Solar United Neighbors to promote the solar co-ops expands outreach and reduces solar costs for residents.

Page 47: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q63 Yes

Is your local/tribal government advancing Mitigation Action #3 through policy methods?

Page 48: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q64

Provide a brief description of how Mitigation Action #3 is being advanced through policy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions

SolSmart Gold: In 2018 the City received SolSmart Gold designation for reducing the soft costs of solar energy, including committing to three-day expedited solar permitting. (C-2.4)

SDS Renewable Energy: The Sustainable Development Standards (Ordinance 19-027) provide points for the installation of renewable energy on new development and redevelopment projects. (C-2.4)

Q65 Yes

Is equity being embedded into Mitigation Action #3 through policy methods?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. Participate in programs like SolSmart to reduce barriers to solar installation and reduce soft costs Encourage the creation of solar energy jobs (with living wages) within the municipality Commit that municipality's savings from solar and energy efficiency be reinvested in wealth-building initiatives in disinvested communities Solar permitting should be expedited and fee-free

Page 49: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q66

Please provide a brief explanation of the ways in which you are embedding equity into this action's policy methods?

Participating in SolSmart program reduces barriers to solar installation and reduces soft costs. The City provides expedited solar permitting.

Page 50: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q67 No

Is your local/tribal government advancing Mitigation Action #3 through budget/investment methods?

Page 51: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q68 Respondent skipped this question

Provide a brief description of how Mitigation Action #3 is being advanced through budget/investment methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Q69 Respondent skipped this question

Is equity being embedded into Mitigation Action #3 through budget/investment methods?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. Waive permit fees for residential solar installation Prioritize procurement of government operations solar installations from people of color and women owned businesses if possible Commit that municipality's savings from solar and energy efficiency be reinvested in wealth-building initiatives in disinvested communities Devote money/personnel to support and promote solar co-ops Ensure funding for roof hardening/weatherization/insulation is included especially in older, lower quality affordable housing Include funding for battery storage where possible to provide energy redundancy

Page 52: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q70 Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's budget/investment methods?

Page 53: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q71 Yes

Is your local/tribal government advancing Mitigation Action #3 through education/outreach/advocacy methods?

Page 54: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q72

Provide a brief description of how Mitigation Action #3 is being advanced through education/outreach/advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Solar Education and Outreach: The City partners with Solar United Neighbors to provide solar education, and maintains a solar landing page on the City's website (part of the SolSmart Gold designation). (C-2.4)

Q73 Yes

Is equity being embedded into Mitigation Action #3 through education/outreach/advocacy methods?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 education on lower cost ways for residents to go solar, such as SolarTogether and existing solar co-ops Communicate savings due to solar installation Provide education on the energy system in general Support legislation proposed by local groups to make solar more accessible in Florida

Page 55: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q74

Please provide a brief explanation of the ways in which you are embedding equity into this action's education/outreach/advocacy methods?

The City partners with Solar United Neighbors to provide education on lower cost ways for residents to go solar, and overall savings that can be gained from solar installation.

Page 56: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q75

Please provide any supporting documents to the various methods that you have answered Yes under Mitigation Action #3.

SolSmart Designation Letter_March2018.pdf (53.6KB)

Page 57: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q76 Yes

Is your local/tribal government advancing activities related to Mitigation Action #4:

Page 58: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q77 Respondent skipped this question

Please indicate as to why you've been unable to make progress on Mitigation Action #4? Select all that apply.

Q78 Respondent skipped this question

What resources could assist you in advancing this action?

Page 59: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q79 Yes

Is your local/tribal government advancing Mitigation Action #4 through assessment/planning methods?

Page 60: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q80

Provide a brief description of how Mitigation Action #4 is being advanced through assessment/planning methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions

Research Best Practices: The City has engaged with Florida Sustainability Directors Network (FSDN) members and external organizations such as Electrification Coalition, Southern Alliance for Clean Energy, etc. about best practices for fleet electrification. (G-1.1)

Q81 No

Is equity being embedded into Mitigation Action #4 through assessment/planning methods?Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive quidance. 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. If possible, prioritize hiring a people of color and women-owned contractor for EV infrastructure If possible, donate EVs and PHEVs to community-based organizations once phased out of the municipal fleet Commit to providing EV charging for free for at least a few years, if not indefinitely Involve the community in evaluation of this action's progress Assess success in this alongside data about demographics. location, and number of users Assess the benefit and accessibility of proposed or existing EV infrastructure to low- and moderate- income communities and communities of color 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 Ensure groups/individuals representing low-income communities, communities of color, and those with limited mobility are at the decision-making table

Page 61: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q82 Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's assessment/planning methods?

Page 62: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q83 Yes

Is your local/tribal government advancing Mitigation Action #4 through program development methods?

Page 63: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q84

Provide a brief description of how Mitigation Action #4 is being advanced through program development methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Energy Edge Rebate Program: The Energy Edge Rebate Program provides rebates up to \$1,000 for Level 2 Electric Vehicle Supply Equipment. (C-1.3)

Q85 Yes

Is equity being embedded into Mitigation Action #4 through program development methods?Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive quidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Build partnerships between community-based organizations, the municipality, transportation agencies, and other stakeholders Offer technical assistance to community groups working to advance this goal Include a partnership with a communitybased organization that focuses on job training in disinvested communities to help inform this project Include community leaders and members in program design Install chargers in public parking lots and high-use municipal facilities (parks, administration building) Ensure EV charging is available (and free including parking) for municipal employees Invest in electric busses

Page 64: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q86

Please provide a brief explanation of the ways in which you are embedding equity into this action's program development methods?

The Energy Edge Rebate Program redistributes revenue collected from developers (via the green building fee) back to community members to reduce the costs of EV ownership.

Page 65: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q87 Yes

Is your local/tribal government advancing Mitigation Action #4 through policy methods?

Page 66: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q88

Provide a brief description of how Mitigation Action #4 is being advanced through policy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

SDS EVSE: The Sustainable Development Standards (Ordinance 19-027) require all new developments and major redevelopment projects to provide a Level 2 EV charging station (two EV parking spaces) for every 50 dwelling units in residential developments, and one per every 50,000 square feet of non-residential development. (C-1.3)

Q89 Yes

Is equity being embedded into Mitigation Action #4 through policy methods?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. Mandate EV charging infrastructure in future commercial & multi-family developments Deploy public EV charging infrastructure in low— and moderate-income parts of the community and with top employers Waive parking fees when an EV is paying for charging in that space Create a tiered procurement policy that ensures that plug-in hybrids and EVs are considered before any internal combustion engine vehicle Offer streamlined permitting, lower to no fees, and other incentives for EV charging projects

Page 67: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q90

Please provide a brief explanation of the ways in which you are embedding equity into this action's policy methods?

The City mandates EV charging in new commercial and multi-family developments.

Page 68: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q91 Yes

Is your local/tribal government advancing Mitigation Action #4 through budget/investment methods?

Page 69: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q92

Provide a brief description of how Mitigation Action #4 is being advanced through budget/investment methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

EV Purchases: The City Fleet contains three electric vehicles: 2017 Nissan Leaf (EV), formerly used by the electrical inspector and transferred to Community Standards in 2019; two new 2020 Community Standards Nissan Leafs. (G-1.1)

EVSE Installations: Currently the City has three public chargers (7 EV spaces), all of which are free to the public. Three more dual chargers are being installed through FPL's "EVolution" Pilot Program, which will bring the total to 12 EV parking spaces. (C-1.3)

Q93 Yes

Is equity being embedded into Mitigation Action #4 through budget/investment methods?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. Use EV vehicle tax rebate to invest in chargers Analyze fuel and maintenance savings from EV switch and use the savings to create a charger fund Subsidize the cost of charger installation in affordable housing development Create a group purchase program for residents to receive deep discounts on EVs Partner with car and lease dealerships to provide incentives for purchase of EVs by municipal residents. Pilot with those neighborhoods with the greatest disinvestment and/or those neighborhoods with the greatest VMT potential

Page 70: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q94

Please provide a brief explanation of the ways in which you are embedding equity into this action's budget/investment methods?

EV chargers are in public parking lots and high-use municipal facilities. Charging is free to the public as well as to City employees. Chargers at City parks are located in low- and moderate-income parts of the community.

Page 71: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q95 Yes

Is your local/tribal government advancing Mitigation Action #4 through education/outreach/advocacy methods?

Page 72: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q96

Provide a brief description of how Mitigation Action #4 is being advanced through education/outreach/advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

EVSE Map: A location map of public EV charging stations is posted on the GoGreenBoynton.com web page. The new chargers were promoted in the City newsletter, on the GoGreen website, and with a Facebook video. (C-1.3)

Q97 No

Is equity being embedded into Mitigation Action #4 through education/outreach/advocacy methods?Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive quidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Provide multi-lingual and ADA accessible workshops educating the public on the benefits of EVs and how they can pay for themselves over time despite the higher upfront cost 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 Create/promote a charger network map. Make sure this map is well-promoted so people will feel comfortable making the switch

Page 73: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q98 Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's education/outreach/advocacy methods?

Page 74: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q99

Please provide any supporting documents for the various methods that you answered YES under Mitigation Action #4.

19-027.pdf (6.5MB)

Page 75: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q100 Yes

Is your local/tribal government advancing activities related to Mitigation Action #5?

Page 76: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q101

Respondent skipped this question

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

Q102

Respondent skipped this question

What resources could assist you in advancing this action?

Page 77: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q103 Yes

Is your local/tribal government advancing Mitigation Action #5 through assessment/planning methods?

Page 78: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q104

Provide a brief description of how Mitigation Action #5 is being advanced through assessment/planning advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions

Community Redevelopment Plan: The Community Redevelopment Plan (2016) proposes the redesign of most major streets within the CRA according to the Complete Streets design principles. The connectivity plan will unify the CRA area, improve multi-modal transportation, and support intensification of development. The Plan-recommended changes to future land use and zoning structures and some of the site-specific changes to FLU map have already been implemented. The Plan also recommends adoption of a comprehensive urban design framework to ensure "high quality buildings and vibrant, rich public realm." The City has nearly completed integrating recommendations from the 2016 Community Redevelopment Plan into the Land Development Regulations. (C-1.1)

Greenways, Blueways & Trails Plan: The 2015 Greenways, Blueways & Trails Plan identifies and prioritizes future City projects that improve multi-modal connectivity, improve non-motorized transportation safety, connect people with natural areas, and increase recreation and conservation opportunities. (C-1.2)

Q105 No

Is equity being embedded into Mitigation Action #5 through assessment/planning methods?Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive quidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Implement policy/norms to allow for flexible scheduling and working from home. Provide employees and managers with training to ensure this is successful and respectful Promote transit benefits. Work with employers and transit agencies to develop ways to incentivize employee ridership (e.g. rebates for employees who gave up use of employer parking facilities) Choose a bus stop design that provides shelter from the sun and rain and ensure proper maintenance throughout the lifespan of the infrastructure Explore different modes of transportation, not just buses (and if so, consider electrification of the local bus system), but also expand train routes especially to lower income communities Identify high air pollution areas due to transit (e.g. bus lots) and prioritize electrified transit in those areas 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

Page 79: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q106 Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's assessment/planning methods?

Page 80: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q107 Yes

Is your local/tribal government advancing Mitigation Action #5 through program development methods?

Page 81: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q108

Provide a brief description of how Mitigation Action #5 is being advanced through program development methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Drive Safe Boynton: The City launched the Drive Safe Boynton program in 2021 to address speeding, cut-through traffic, and pedestrian/bicycle safety. Residents can initiate a review process by filling out an application request form and having it co-signed by neighbors. Once staff receives a signed application, local traffic data will be collected and analyzed to determine the most appropriate and effective traffic calming measures for the affected area. Once recommendations are drafted, City staff will hold a neighborhood meeting with the applicant and neighbors to discuss recommended traffic calming measures. Traffic calming measures will be installed thereafter contingent on budgeted funds. (C-1.2)

Employee Commute Incentives: The City is enrolled in Tri-Rail's Employer Discount Program (EDP). The City observes Bike to Work Week and Florida Bike Month, and integrates walking and bicycling goals into the "Let's Move Challenge" wellness program each March. (G-1.2)

Q109 Yes

Is equity being embedded into Mitigation Action #5 through program development methods?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. Partner and develop relationships with co-working space providers 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 Work with transit operators and those who maintain our public transportation systems. Include community leaders and members in program design Ensure whoever is designing programs to reduce VMT rides transit from all parts of the municipality to become aware of difficulties that may exist in some parts of the municipality but not others (e.g. no sidewalks, no shade, etc.)

Page 82: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q110

Please provide a brief explanation of the ways in which you are embedding equity into this action's program development methods?

The "Drive Safe Boynton" initiative requires that residents come together with their neighbors to get a consensus about the need for traffic calming. The process is interactive between the residents and City staff. Staff will prioritize projects based upon a number of factors including data from traffic studies, accident history of the area, the number of impacted residents, and the severity of the speeding problem.

Page 83: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q111 Yes

Is your local/tribal government advancing Mitigation Action #5 through policy methods?

Page 84: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q112

Provide a brief description of how Mitigation Action #5 is being advanced through policy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

TOD Overlay Zones: The City has implemented a number of overlay zones including a Downtown Transit-Oriented Development District (a ½ mile radius around the intersection of Ocean Avenue and the Florida East Coast rail corridor, the anticipated location of the Downtown Boynton Beach Station for the planned commuter Tri-Rail Coastal Link service on the FEC Corridor) that promote adaptive-reuse, redevelopment and revitalization. The inner ¼-mile core of this District shall be designed to accommodate the greatest density and intensity of development. (C-1.1)

Workforce Housing Program: The City's Workforce Housing Program provides a 25% density bonus for eligible developments citywide that participate in the Program. (C-1.1)

Parking Reductions for Sustainability: The City offers lower parking requirements to eligible developments that implement sustainable design strategies that reduce reliance on automobiles, increase pervious area, accommodate fuel-efficient vehicles, provide electric vehicle charging stations, promote pedestrian connectivity, and facilitate access to transit and ride-sharing programs (Chapter 4, Article V, Sec. 3.G: Parking Reductions for Sustainability). (C-1.1)

Vision Zero: The City passed Resolution R20-021 adopting a "Vision Zero" goal of fatality-free streets, which recognizes that crashes can be prevented through coordinated engineering, education, evaluation, encouragement, and enforcement solutions. (C-1.2)

Q113 Yes

Is equity being embedded into Mitigation Action #5 through policy methods?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. 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 Have fare free days with extreme heat or high air pollution to encourage less cars on the road Amend municipal code to mandate long-term bike parking facilities and shower facilities at places of employment to encourage bike transportation

Page 85: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q114

Please provide a brief explanation of the ways in which you are embedding equity into this action's policy methods?

Vision Zero includes commitment to an equitable approach and outcomes, including prioritizing engagement and investments in traditionally under-served communities and adopting equitable traffic enforcement practices.

Page 86: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q115 Yes

Is your local/tribal government advancing Mitigation Action #5 through budget/investment methods?

Page 87: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q116

Provide a brief description of how Mitigation Action #5 is being advanced through budget/investment methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

CIP Bike/Ped: Bike amenities are added to future City facility construction & rehabilitation projects through the CIP process. (C-1.2)

Q117 No

Is equity being embedded into Mitigation Action #5 through budget/investment methods?Below are several suggested ways that a local 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 incentives for the public to ride transportation, e.g. discount or make ridership free during rush hours Develop grants and provide financial resources for the installation of infrastructure necessary to support telecommuting 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 Pay transit workers a living wage

Page 88: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q118 Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's budget/investment methods?

Page 89: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q119 Yes

Is your local/tribal government advancing Mitigation Action #5 through education/outreach/advocacy methods?

Page 90: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q120

Provide a brief description of how Mitigation Action #5 is being advanced through education/outreach/advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Complete Streets Community Award: The City of Boynton Beach won the Complete Streets Community Award for Palm Beach County at the 2021 Safe Streets Summit.

TPA Leadership: Mayor Grant serves on the Governing Board of the Palm Beach Transportation Planning Agency (TPA); City staff serve on the Technical Advisory Committee and Bicycle-Trailways-Pedestrian Advisory Committee. (C-1.2)

Q121 No

Is equity being embedded into Mitigation Action #5 through education/outreach/advocacy methods?Below is a suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. Respondents can include actions not included in this list. 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

Page 91: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q122 Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's education/outreach/advocacy methods?

Page 92: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q123

Please provide any supporting documents for the various methods that you answered Yes under Mitigation Action #5.

R20-013.pdf (157.4KB)

Page 94: Adaptation Priority Action #1 (Internal Capacity Assessment)

Q124 Yes

Is your local/tribal government advancing activities related to Adaptation Action #1?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.

Page 95: Adaptation Priority Action #1 (Internal Capacity Assessment)

Q125 Respondent skipped this question

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

Q126 Respondent skipped this question

What resources could assist you in advancing this action?

Page 96: Adaptation Priority Action #1 (Internal Capacity Assessment)

0127

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.

The City of Boynton Beach began planning for climate change in 2008 through the leadership of a Green Task Force. In 2017 the City hired a full-time Sustainability Coordinator; and in 2021 the Sustainability Coordinator was moved from the Utilities Department to the City Manager's Office to elevate the importance of sustainability and resilience initiatives. The Sustainability Coordinator leads a Staff Sustainability Committee and a Sustainability Advisory Team.

In 2019, Boynton Beach signed an interlocal agreement with the Coastal Resilience Partnership (CRP) of Southeast Palm Beach County (seven municipalities and the County) to conduct a micro-regional climate change vulnerability assessment. The CRP has received two grants from FDEP's Florida Resilient Coastlines Program, as well as pro-bono assistance from Harvard Law School's Emmett Environmental Law & Policy Clinic, and will continue to collaborate on funding opportunities, knowledge exchange, and adaptation projects.

The City receives ongoing support for adaptation and resilience initiatives from Palm Beach County, the Southeast Florida Regional Climate Change Compact, Florida Sustainability Directors Network, Southeast Sustainability Directors Network, the Global Covenant of Mayors for Climate and Energy, and ICLEI – Local Governments for Sustainability, among other networks and partner organizations.

Q128 Yes

Is equity being embedded into Adaptation Action #1?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

Page 97: Adaptation Priority Action #1 (Internal Capacity Assessment)

Q129

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

In 2020-2021, the City is initiating both a Diversity and Equity Assessment of City Systems and a Racial & Social Equity Comprehensive Community Needs Assessment. Through this process, the City is assessing internal understandings of inequity and historic environmental wrongs; and providing training for staff to emphasize the importance of correcting these issues and avoiding further harms in the future. Staff is also working to build and maintain relationships and trust with community-based organizations, key thought leaders, and residents in the areas of the City which have been disinvested. In addition, the Sustainability Coordinator has participated in racial equity workshops and trainings through the Compact and SSDN.

Page 98: Adaptation Priority Action #1 (Internal Capacity Assessment)

Q130

Please provide any supporting documents under Adaptation Priority Action #1.

BB Sustainability Coordinator job description.pdf (242.1KB)

Page 99: Adaptation Priority Action #2 (Vulnerability Analysis)

Q131 Yes

Is your local/tribal government advancing activities related to Adaptation Action #2?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.

Page 100: Adaptation Priority Action #2 (Vulnerability Analysis)

Q132 Respondent skipped this question

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

Q133 Respondent skipped this question

What resources could assist you in advancing this action?

Page 101: Adaptation Priority Action #2 (Vulnerability Analysis)

Q134

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.

Boynton Beach participated in a multi-jurisdictional climate change vulnerability assessment (CCVA) in partnership with six neighboring municipalities and Palm Beach County. The CCVA assessed 12 climate threats, five of which were spatially assessed at the parcel level: High Winds, Rainfall-induced Flooding, Storm Surge, Tidal Flooding, and Extreme Heat. The other threats were assessed via narrative analyses (Drought, Groundwater Inundation, Pest and Disease Outbreaks, Saltwater Intrusion, and Wildfire) or hybrid narrative-spatial analyses (Harmful Algal Blooms and Shoreline Recession). The assessment incorporates sea level rise scenarios based on current conditions (2020) and projections for 2040 and 2070 based on the unified sea level rise projections produced by the Southeast Florida Regional Climate Change Compact. Vulnerabilities (and risks) were assessed for seven categories of community assets: critical facilities, water infrastructure, property, transportation and mobility, economic factors, natural resources, and people/socioeconomics. Vulnerability is based on the exposure, sensitivity, and adaptive capacity of an asset; risk is based on the probability and consequence of a threat impacting an asset. City staff have access to the "AccelAdapt" web platform to interact with the data and integrate assessment results into planning and operations.

Q135 Yes

Is equity being embedded into Adaptation Action #2?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 assetmapping exercises, seek assistance with prioritizing/ weighing criteria for the vulnerability assessment, groundtruth 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

Page 102: Adaptation Priority Action #2 (Vulnerability Analysis)

Q136

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

Multiple socioeconomic metrics are overlaid on all spatial threat assessments, within the interactive AccelAdapt platform, to identify areas with the most social vulnerability, examine intersections between social and physical vulnerabilities, and ensure that equity is prioritized when identifying adaptation investments. Socioeconomic data is also used in the ruleset for the Extreme Heat assessment.

Page 103: Adaptation Priority Action #2 (Vulnerability Analysis)

Q137

Please provide any supporting documents under Adaptation Priority Action #2.

Executive Summary_CRP CCVA_ADA.pdf (9MB)

Page 104: Adaptation Priority Action #3 (Resilience Plan)

Q138 Yes

Is your local/tribal government advancing activities related to Adaptation Action #3?

Page 105: Adaptation Priority Action #3 (Resilience Plan)

Q139 Respondent skipped this question

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

Q140 Respondent skipped this question

What resources could assist you in advancing this action?

Page 106: Adaptation Priority Action #3 (Resilience Plan)

Q141

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.

The City has not yet developed a community-wide adaptation/resilience plan with specific actionable strategies and timeframes. However, the CCVA provided a starting point for plan development with recommended adaptation strategies across six categories (Infrastructure; Land Use, Zoning, Building Codes and Standards; Planning, Policy, and Management; Capacity Building; Public Outreach; Funding and Financing) at both the regional and community-specific levels.

Q142 Yes

Is equity being embedded into Adaptation Action #3?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 cobenefits 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 capita projects. Capital projects should include a plan and budget for upkeep and maintenance Include strategies that protect the lives and health of outdoor workers

Page 107: Adaptation Priority Action #3 (Resilience Plan)

Q143

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

During the development of the adaptation strategy portfolio following completion of the CCVA, equity was an important consideration for identifying and weighting strategies at both the regional and jurisdictional levels. Projects were selected to achieve substantive equitable outcomes by seeking to reduce disproportionate climate impacts, address the drivers of disparities, and build social cohesion.

The CRP conducted a public engagement survey and two public webinars during the project, including one webinar led by The CLEO Institute. The team attempted to include underrepresented communities in the planning and formulation of adaptation strategies; however, the webinar format of public outreach (necessitated by the COVID public health emergency) made this difficult. The City and CRP intends to develop a plan for diverse, equitable outreach to stakeholders throughout the study area, with a focus on frontline communities.

Page 108: Adaptation Priority Action #3 (Resilience Plan)

Q144

Respondent skipped this question

Please provide any supporting documents under Adaptation Priority Action #3.

Page 109: Adaptation Priority Action #4 (Risk Reduction & Planning)

Q145 Yes

Is your local/tribal government advancing activities related to Adaptation Action #4?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.

Page 110: Adaptation Priority Action #4 (Risk Reduction & Planning)

Q146

Respondent skipped this question

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

Q147

Respondent skipped this question

What resources could assist you in advancing this action?

Page 111: Adaptation Priority Action #4 (Risk Reduction & Planning)

Q148

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.

- In 2016, the City updated its Comprehensive Plan with a coastal management element in compliance with "Peril of Flood" statute (Sec. 163.3178(2)(f) F.S.)
- The City's land development regulations integrate Florida Friendly landscape principles that emphasize native and drought-tolerant plants and energy conservation through sustainable design.
- In 2019, the City Commission approved Ordinance 19-027 amending the Land Development Regulations to include "Sustainable Development Standards," which requires new development and redevelopment projects to incorporate a certain number of site and building sustainable design options. These options include green infrastructure/low-impact development design options including rain gardens, bio-retention systems, rainwater reuse, permeable parking and sidewalk surfaces, green roofs, exceeding the required amount of canopy trees and open space, etc.
- In 2020, the City adopted an updated 10-Year Water Supply Plan. Boynton Beach has an existing consumptive use permit and is working to expand its reclaimed water program to stay within the permitted allocation.

Q149 No

Is equity being embedded into Adaptation Action #4?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

Page 112: Adaptation Priority Action #4 (Risk Reduction & Planning)

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

Respondent skipped this question

Page 113: Adaptation Priority Action #4 (Risk Reduction & Planning)

Q151

Q150

Please provide any supporting documents under Adaptation Priority Action #4.

7. COASTAL MANAGEMENT ELEMENT.pdf (196.2KB)

Page 114: Adaptation Priority Action #5 (Policy)

Q152 Yes

Is your local/tribal government advancing activities related to Adaptation Action #5?This may include improving stormwater management practices, adopting urban heat policies, updating infrastructure standards, conducting remediation of contaminated sites, and updating building codes.

Page 115: Adaptation Priority Action #5 (Policy)

Q153 Respondent skipped this question

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

Q154 Respondent skipped this question

What resources could assist you in advancing this action?

Page 116: Adaptation Priority Action #5 (Policy)

Q155

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.

- In 2020, the City completed its first citywide tree canopy assessment which found that tree canopy covers 16.1% of the city's total land area, and 7.4% of the land area can potentially be planted with additional trees. The City adopted a goal to increase tree canopy coverage from 16.1% to 20% by 2035, which will entail planting 3,000 trees per year (Resolution No. R20-091).
- The City improved its Community Rating System (CRS) score from Class 6 to Class 5, which will increase flood insurance premiums savings from 20% to 25% in the City's Special Flood Hazard area (SFHA) effective April 1, 2022. Properties outside of the SFHA will continue to receive a 10% discount.
- In 2019, the City hired CDM Smith to conduct a stormwater model update for the Downtown watershed. The study updated the existing stormwater hydraulic model and evaluated several alternatives for potential enhancements to the existing stormwater system. The resulting report provides guidance for the planning of future stormwater improvements in the Downtown Watershed over the next 10-year period.
- The City passed a year-round landscape irrigation conservation ordinance (No. 21-004) with irrigation restrictions going into effect on July 6, 2021.

Q156 Yes

Is equity being embedded into Adaptation Action #5?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 consequencessuch 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 lowincome disinvested communities or communities of color. Ensure the toolkit for each policy decision is made public for accountability and discussion

Page 117: Adaptation Priority Action #5 (Policy)

Q157

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

Tree Canopy Assessment identifies areas where low tree canopy coverage and high surface temperatures occur in communities of color and low-income disinvested communities.

Page 118: Adaptation Priority Action #5 (Policy)

Q158

Please provide any supporting documents under Adaptation Priority Action #5.

R20-091.pdf (886.7KB)

Page 119: Adaptation Priority Action #6 (Capital Projects)

Q159 Yes

Is your local/tribal government advancing activities related to Adaptation Action #6?This may include living shorelines, water infrastructure, resilience hubs, parks & open spaces, urban greening, tidal valves, pump stations, road/bridge elevation.

Page 120: Adaptation Priority Action #6 (Capital Projects)

Q160 Respondent skipped this question

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

Q161 Respondent skipped this question

What resources could assist you in advancing this action?

Page 121: Adaptation Priority Action #6 (Capital Projects)

O162

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.

- In 2017 the City received Envision Bronze certification for the East Water Treatment Plant Upgrade Project, which included construction of a 6-mile-long pipeline to transport more water from the western wellfield to be treated at the East Plant. This avoids over-pumping the coastal wells and allows the City to efficiently treat more water on the City's east side, which has the greatest demand.
- In 2011 the City completed construction of two Aquifer Storage and Recovery (ASR) wells which enabled storage of treated water during the rainy season and more consistent water availability during the dry season. This ASR system prevents over-pumping of groundwater from the City's eastern (coastal) wellfield, which is prone to saltwater intrusion.
- The City is continually expanding its use of reclaimed water to irrigate golf courses, cemeteries, sports fields, and other big water users.
- The City has spent more than \$12 Million in the past six years on Capital Improvement Projects to improve stormwater management infrastructure.
- The City has installed 4 tidal outfall valves in residential neighborhoods near the Intracoastal Waterway.
- Tree Canopy Program: The City partners with local nonprofit Community Greening to plant hundreds of trees in public parks, other public spaces, and residential properties.

Q163 Yes

Is equity being embedded into Adaptation Action #6?Below are several suggested ways that a local/local 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

Page 122: Adaptation Priority Action #6 (Capital Projects)

Q164

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

Tree Canopy Program prioritizes communities of color and low-income disinvested communities. Community Greening employs staff and volunteers from these communities, and involved community members and community-based organizations (Healthier Boynton Beach) in development of the Urban Orchard at Sara Sims Park.

Page 123: Adaptation Priority Action #6 (Capital Projects)

Q165

Please provide any supporting documents under Adaptation Priority Action #6.

170712-Award-Letter_Boynton-Beach.pdf (1.1MB)