



Community Services Advisory Commission

April 10, 2018

Minutes

Commission Members: **Present:** Marilyn Baker, Ann Bohman, Steve Dritz,
Christine Gawronski, Elizabeth McClain, Thomas Strup
Absent: Stephanie Hall

Staff Members Present: Michelle Crandall, Assistant City Manager
Nick Plouck, Management Assistant
Kyle Kridler, Economic Development Administrator
Barbara Ray, Nature Education Coordinator
Joanne Shelly, Urban Design/Landscape Architect
Darryl Syler, Fleet Manager
JM Wilburn, Planner I

Guests: Chris Amorose Groomes, Vice Mayor
Suzanna Farver, Dublin Resident

I. Call to Order

Mr. Strup established that a quorum was present and called the meeting to order at 6:30 p.m.

II. Oath of Office for: Steve Dritz, Elizabeth McClain

Vice Mayor Chris Amorose Groomes administered the Oath of Office for Steve Dritz and Elizabeth McClain. Vice Mayor Amorose Groomes informed the commission that Council referred a topic to the commission that will be forthcoming. She thanked the commission members for their service and let them know that Council values their input.

Mr. Strup welcomed the new commission members. He asked each member to give a brief introduction about themselves and state how long they have served on the commission. Each of the members provided an introduction and stated how long they have served and why they were interested in serving on this commission.

III. Election of Chair and Vice Chair

Mr. Strup said it was suggested that the commission table this topic until the May meeting so everyone can get familiar with all of the members on the commission. At the May meeting we will be electing a chair and vice chair.

IV. Public Comments on Items Not on the Agenda

Suzanna Farver is a Dublin resident that moved from California four years ago and has two children in Dublin City Schools. She has spoken with the City Manager and various groups about recycling and she

was advised to come and present to this commission. Ms. Farver commented that the City of Dublin is a very proud City with new innovations and it would be great if the City could have a great recycling program with less of a carbon footprint. Ms. Farver pointed out some ways that Dublin is doing a great job in recycling throughout the City:

- Recycling program with trash pickup and separate containers for recycling
- E-waste is a great program the City offers
- The City does have recycling in the parks, one suggestion would be to have different a color for recycling containers or a better designation of recycling containers
- The block party packages have recycling boxes in them. The trash bags are black though which make it difficult for those picking up trash to know it is recycling. She did request clear bags and believes that is being updated.
- Kroger, Giant Eagle and Whole foods have containers for the public to recycle plastic bags, but not a lot of people take advantage of this program.
- Some restaurants do a great job of using compostable containers for carryout, but there are still restaurants that could do a better job and not use styrofoam.

Ms. Farver also made some recommendations on how the community could work together to make Dublin even greater:

- The City could have agreements with new businesses coming into the City so they don't use styrofoam for packaging. Each business should also recycle within their business.
- Suggestions for restaurants to use compostable containers and starch based plastic wear that is also compostable instead of using plastic that isn't and styrofoam containers
- Dublin City Schools does not do a very good job at recycling within their schools and should offer more opportunities throughout the school district
- City of Dublin should eliminate plastic bags entirely. There are 700,000 people that live in San Francisco and there are 60,000 that live in Dublin. San Francisco has banned the use of plastic bags and everyone takes reusable bags when shopping, so that plastic bags don't end up in our waterways.
- It would also be great for the city to compare its recycling program to other sister Cities nearby to see how the City of Dublin is doing in comparison to other communities

Ms. Farver would like to work with this commission and the community to better educate and get more residents onboard with recycling. She has spoken with residents throughout the community who are recycling at home, but we need to do a better job throughout our community and within our schools to use the resources available and not to put so much in our landfills.

Mr. Strup thanked Ms. Farver for her recommendations.

Ms. Gawronski also thanked Ms. Farver for her suggestions. She also mentioned that a Girl Scout Troop at Bailey Elementary School just launched a pilot recycling program at that schools. Also, St Bridges of Kildare also does recycling in their school.

V. Approval of Meeting Minutes

Mr. Strup commented that the meeting minutes from the March meeting are not available yet, so approval of the minutes will be tabled until the May meeting.

VI. Sustainability Strategic Plan Discussion

Mr. Plouk said staff would like to go through the Sustainability Strategic Plan and get feedback from this commission on any changes necessary to this plan. This plan was emailed out to the commission in advance and some of the members already submitted their comments in advance and those were incorporated into the version we will discuss. Hopefully some of those changes may clear up some of the questions that may come up. The purpose of this document is to speak at staff level as a plan to help guide our goals. The commission discussed the plan and some of the discussion points are as follows:

Sustainable Neighborhoods & Built Environment

Goal #1 - Mr. Dritz commented that this goal refers to an adoption of a Streets Policy. He asked where the Streets Policy can be found. Ms. Shelly commented that this policy has to be approved the Director of Public Works and then it will go to Council for approval. It will then be available.

Ms. Baker asked if the commission would be asked to review it, to provide input. Ms. Crandall commented that there will be multiple documents that the strategic Plan refers to that are not yet created documents. Staff is asking for this commission to provide input towards this plan, but not necessarily documents that that will be included. Staff is asking for this commission to approve the concept of having a Streets Policy as a part of this plan, but not the actual plan.

Ms. Shelly commented the Streets Policy that the City has developed is modeled after the policy the Mid-Ohio Regional Planning Commission (MORPC) has developed. Staff used MORPC's policy as a baseline along with the National Complete Streets Policy and modified it based on programs, process and procedures that the City's Public Works Department already has in place.

Goal #2 - Mr. Dritz suggested quantifying what the additional 1% means in miles

Goal #3 - Mr. Plouk commented that staff is taking this specific item back to some of the directors for input due to the importance of this section regarding City Code. Mr. Dritz asked if the Zoning Code is the same as the Bridge Street District Zoning Code. Mr. Rayburn explained that the Bridge Street District has a specific zoning code. Ms. Shelly explained some of the different codes.

Goal #4 - Mr. Plouk commented that this goal will be consolidated into the mobility section since it speaks about mobility and is replicated in this goal.

Mr. Dritz commented that in the measure it states that the City wants to implement at least three standards, but there are more than three bullets below. Ms. Shelly commented that we would like implement three but will probably get more than three suggestions. Ms. Crandall commented that staff will clarify that statement.

Natural Resources

Goal #1 - Mr. Dritz commented in the statement where it refers to increasing pollinator-friendly areas by adding 5-10 native plants areas, it would be helping when adding statements similar to add some content of what the City currently has in place.

Goal #2 - Mr. Dritz suggested in the plan when there are acronyms used that the acronyms are spelled out the first time in case people are not aware of what the acronyms stand for. Mr. Plouk said

throughout the plan where it refers to groups, organizations or acronyms, staff will add a glossary at the end to explain what these are along with definitions of terms not commonly used.

Ms. Baker commented there were more acronyms that needed to be spelled out the first time in Goal #5. No suggested changes to Goal #3, #4 or #6

City Operations

No suggested changes in this section

Recycling and Diversion

Goal #1 - Mr. Dritz asked how other communities compare to the 49% diversion rate the City is using. Ms. Crandall replied that Upper Arlington's percentage is a slightly higher. They have a program called "Pay to Throw" which basically states that if you want to throw something in the trash instead of recycling then there is a cost associated with that. Ms. Crandall heard Upper Arlington has changed their policy, but she is not sure what changes have been made. The City would like to start with being an advocate for education of our residents and also develop ways that make it easy for our residents to recycle items that cannot be placed at the curb.

Ms. Baker commented that during the State of the Community presentation there was a partnership with the Dublin City School district, but there isn't any reference to the schools in this section. She would like to suggest adding the schools as a partner in recycling. Ms. Crandall commented that the diversion rate only includes residential. It does not include the schools or corporations, but staff can look at adding a separate goal to work with corporations and schools.

Mr. Plouk also said the City would like to develop programs with the schools, but it is difficult when the school district is a much larger area, so we can work with them from an educational and awareness standpoint for the students. Ms. Baker was recommending something beyond educating the students. We need to look at ways to improve recycling in the schools. The City doesn't have to manage the programs or force them to do it, but we need to look at ways to get this started.

Ms. McClain said her children always bring home school supplies at the end of the year that are unused and thrown out. There needs to be a way to recycle these items so they can be reused.

Mr. Strup commented that there needs to be a facilitated discussion between SWACO and the school district regarding recycling.

Ms. Baker commented that there is an organization that recycles school supplies for teachers. Mr. Strup replied that he was referring to the entire discussion about recycling overall in the schools. SWACO is not designed to reach out to school as it is the community.

Ms. Gawronski commented that Dublin School District could partner with other schools districts to help kids in other school districts that need supplies. Mr. Dritz commented that Welcome Warehouse has this type of program in place.

Mr. Strup said there seem to be two different conversations occurring. We are all trying to accomplish the same goal, but they are very different topics. The school district need to associate with SWACO first, so they can understand and determine what their diversion rate is, then the school district can be

introduced to different programs to increase their diversion rate and they can drill down on what the best way is to recycle and reuse.

Ms. Crandall commented that the City and the school district are two different entities and the City can do what they can to encourage the school district and find ways to partner and assist with recycling programs, but when it comes down to it the school district leadership will need to make the final decision on what they need to. We can add a goal to help share and encourage corporations and the school district.

No suggested changes to Goals #2 or #3

Energy and Air Quality

Goal #2 - Mr. Dritz noted in the statement to reduce the amount of electricity purchased by 1.5 million KWHs per year, to also state what we currently purchase.

Goal #3 - Mr. Dritz asked if other City buildings should be included, such as the Service Center. Ms. Crandall replied that staff will continue to look at every City building and the features and add other facilities in the future.

Mr. Plouk commented that in Goal #4 and #5 the measurement was increased from 10% to 20%, which is reflected in the revised plan shared tonight.

Goal #4 – Mr. Dritz asked if the second bullet should be combined with the statement above. Mr. Syler commented that as we purchase vehicles annually we achieve our reduction in the overall emissions based on the type of vehicles we have, such as idling devices in the vehicles. The bullet point is more of an educational point that we want to educate staff on idling and evaluate that process.

Mr. Dritz said the statement about participating in the Smart Vehicle Corridor testing is a rather large initiative, he asked if there would be more detail discussing what the plans are to reach this initiative. Mr. Syler said it is being developed and staff hopes to have more information to share by the end of the year. Ms. Crandall also commented that staff can add some more information in the opening paragraph about what some of the initiatives.

Goal #5 – Ms. Baker suggested adding information about what the increase of electricity will be in some of these initiatives. It discusses reducing emissions, but doesn't speak about the increase of electricity use. Mr. Syler commented that there are pros and cons to everything we do and there have been multiple discussions about this and it will be a part of the ongoing education as we move forward.

No suggested changes to Goals #1

Mobility

No suggested changes to Goals #1, #2 or #3

Goal #4 – Mr. Dritz suggested changing the wording for the last bullet, as it is a little confusing and doesn't really make sense as a statement. Mr. Rayburn replied that staff will revisit and revise the last bullet.

Community Engagement

Goal # 2 – Mr. Dritz suggested spelling out what USDN stands for in the revised version. Mr. Plouk replied that staff will revise in the update.

Goal #3 – Mr. Dritz asked why CSAC would not be the external advisory group to track the progress of the sustainability plan. Mr. Rayburn said in order to create community goals we need to include businesses and we have some all-star business such as IGS Energy and also Dublin City School District that can provide some opportunities to help meet these goals. There is definitely interest out there and we need to utilize all of the assets of our City. Mr. Plouk commented that CSAC will not be exclude from providing feedback. The advisory group could utilize this commission as a touchpoint for review of any updates to the plan. Staff would just like to get as much community input and involvement as possible to make this successful.

No suggested changes to Goal #1 or #4

Economics

No suggested changes to this section.

Mr. Plouk asked if there are any other comments. Mr. Dritz commented that there are a lot of goals developed in this plan. He asked if there would be a Gantt chart so the commission can view the timeline and progress of the goals. Ms. Crandall commented that this is a strategic and Mr. Dritz is suggesting more of an action plan. Ms. Crandall commented if this was a five-year plan we would probably try to include a schedule with it. Mr. Dritz asked if every goal is in progress and will be complete by 2020. Ms. Crandall commented that some of them would start at different times, but there are some with short timeframes. Mr. Rayburn commented that most of these goals are policy oriented and its more about changing the culture and that's an ongoing effort we want to start today by capturing the goal to make sure we stay true to it. He commented that in 2020 is when staff plans to dive into more project oriented goals, then we can start tracking progress.

Ms. Bohman asked if the commission would get an updated copy with changes and the glossary added. Mr. Plouk replied he would make sure the commission receives an updated version. Ms. Crandall thanked the commission helping to build this strategic plan.

VII. Other Items of Interest

Ms. Bohman shared some information about different websites and programs:

- DublinBridges.org - companies and individuals have joined. Anytime there is a need in the community you can post information on this website and it makes it easier to advocate for needs within the community
- Downsizewithaheart.org – a new program that offers a furniture bank for central Ohio residents to downsize their homes and furniture for those that are in need
- AETNA offers a program called “Resources for Living” that offers services for members of AETNA that helps with aging in place
- Adaptive Sports Connection www.tassc.org - This group out of Powell offers sports programs for senior adults and individuals with disabilities

Ms. Baker shared an article that was in the newspaper about how Uber has proposed purchasing JUMP, which is a dockless bicycle that are strategically placed in a community. It's interesting to see the direction that transportation is going.

VIII. Next Meeting – May 8, 2018

The next meeting of CSAC will be held on Tuesday, May 8, 2018

IX. Adjournment

There being no further business, the meeting was adjourned at 8:31 p.m.

Respectfully Submitted by:

A handwritten signature in cursive script that reads "Marja Keplar".

Marja Keplar, Administrative Support III

Attachments: Sign In Sheet
Draft Strategic Plan Outline



DATE: April 10, 2018 @ 6:30 p.m.

Note: Anyone wishing to address the Commission must sign-in. Please print all information *legibly*.

[illegible]

Vision

Definition

As humanity pushes up against the limits of the ecosystem to provide resources and absorb waste, we need to find ways to continue growth while reducing the environmental impact of that growth (Intelligent Community Forum).

Strategies: Develop a comprehensive Sustainability Plan that incorporates the MORPC 2017 – 2020 Regional Sustainability Agenda:

- Reduce per capita energy consumption and promote alternative fuel resources to increase affordability and resilience of regional energy supplies.
- Protect natural resources and mitigate infrastructure vulnerabilities to maintain a healthy ecosystem and community.
- Position central Ohio to attract and retain economic opportunity to prosper as a region and compete globally through sustainable practices and solutions.
- Create sustainable neighborhoods to improve residents' quality of life.
- Increase regional collaboration and educational opportunities to advance innovative sustainability solutions.

Introduction – Goal of City Council and in adherence to MORPC's Sustainability Agenda 2017-2020

Supporting Documents

Category Overview

- Sustainable Neighborhoods
- Natural Resources
- City Operations
- Recycling and Diversion
- Energy and Air Quality
- Mobility
- Community Engagement
- Economics

Sustainable Neighborhoods & Built Environment

The City of Dublin strives to create neighborhoods and business districts that are connected, integrated, and environmentally friendly. These are places where people can live, work, move, and thrive in a healthy, equitable way.

Create sustainable neighborhoods to improve all residents' quality of life.

Goal #1 | Adopt a Complete Streets Policy

Measure – City Council adopts a Complete Streets Policy by end of 2018.

- Draft a policy for review by City Departments.
- Provide an informational memo to City Council.
- Forward a policy to City Council for review and adoption.

Goal #2 | Increase the number of shared-use path miles

Measure – Build an additional 1% of shared-use paths by 2020.

- Identify network gaps.
- Prioritize connections to fill identified gaps.
- Seek external funding opportunities for additional projects.
- Collaborate with surrounding jurisdictions to expand regional connections with a focus on a regional greenway connection.

Goal #3 | Update the Zoning Code to encourage sustainable development practices

Measure – City Council adopts updates to the Zoning Code by 2020 that encourages sustainable development practices.

- Update the Bridge Street District Zoning Code to require sustainable best practices; specifically update the following:
 - Material requirements to reflect advances in sustainable materials use.
 - Landscaping and stormwater management regulations to include industry best practices that promote sustainable and low impact design.
 - Lighting code to allow: flexibility for LED technology; and promote 'dark skies' initiatives; and help reduce per capita energy consumption.

- Provide opportunities to implement energy conservation practices including energy audits for existing building.

Goal #4 | Incorporate strategies to encourage sustainable transportation options and behavior.

Measure – Implement at least three transportation options from objectives within the Mobility Study.

- Help fund pedestrian and bicycle facilities in existing neighborhoods to improve mobility.
- Target bicycle and pedestrian infrastructure that connects residential neighborhoods and commercial business districts.
- Target transit network development to offer more mobility options for residents, workers, and students.
- Emphasize multi-modal facilities when updating policy documents, particularly the Community Plan and the Special Area Plan.
- Draft a “mobilize your neighborhood” grant program that would target connectivity strategies as identified by residents in their neighborhood. (Similar to Beautify Your Neighborhood Grants)

Natural Resources

The City of Dublin strives to create a community that is environmentally healthy for humans and wildlife. Parks, open space, rights-of-way, watershed, streams and river...we work to protect habitats, adapt open spaces, parks and city space to incorporate native plants and trees, create buffer zones along our waterways and encourage diversity of species. We work to engage the community in actively adapting their private properties as well as become aware of the habitat and life around them and ways to peacefully co-exist. Maintaining sustainable habitats and using our resources carefully improves both beauty and quality of lives for all.

Goal #1 | Increase pollinator-friendly areas by adding 5-10 native plant areas, raingardens or buffer zones in Parks, Open space and Right-of-Ways annually.

Measure –Add a minimum of 5 native plant areas annually to open space and right-of-ways.

- Work with other divisions as development occurs and modify existing areas.
- Annually evaluate potential space in parks, open space and rights-of-way.
- Right-of-Way Projects – Mesh native and wildlife-friendly species with city zoning requirements/limitations and ornamentals.
- Work with Landscape architect on areas being created or reworked.
- Determine blends of native plants for various habitats and styles of the area of the city.
- Research areas where habitat can be left “rough” to aid winter wildlife (vs mowing everything down as is typical in fall).
- Engage volunteer, scout and school groups to help develop areas where appropriate for volunteers to be an integral part of the development.

Goal #2 | Conduct 4 major water monitoring evaluations annually to keep record of water quality in Dublin to determine overall health of the watershed and provide alerts to sources of pollution

Measure – Create monthly data summary of Conductivity and Temperature for 2 locations each on Indian Run North and Indian Run South Fork for 2018-2020.

- This project is a required component for the Municipal National Pollutant Discharge Elimination System annual reporting **(Municipal Separate Storm Sewer System Permit Term 2014-2019)**.

- Engage community groups and interns, especially for survey and photograph records.
- Utilize Ohio Environment Protection Agency data collection methods.
- Collaborate with OEPA, Franklin County Soil and Water and others.
- Select 4 key areas of the city streams and river to do repeat annual testing and create a comparison database.
- Purchase the conductivity and temperature equipment to place in North and south fork for monthly data collection.
- Purchase portable education testing equipment to be used for classes and by volunteers testing in other locations.
- Conduct 2-4 annual Healthy Water Healthy People public programs through the Healthy Brochure and additional DiRECT Parks programs in neighborhood parks.

Goal #3 | Increase Public Awareness/Education for Peaceful Co-existence with Wildlife

Measure – Conduct a minimum of 5 community/HOA wildlife awareness or information sessions annually; Create a seasonal calendar “magnet” to give out to the public; Monitoring number of uses of nature education website pages and social media posts for minimum of 4,000 uses annually.

- Utilize web and social media to improve public awareness and education.
- Collaborate with Communications to create seasonal magnet and design Info and How-To wildlife videos (4-6 per year).
- Continue to offer DiRECT neighborhood programs and DCRC classes on wildlife.
- Provide HOA meet-ups and community education Q and A when requested or suggested.
- Create a seasonal “calendar” of species and issues to help residents prevent conflicts.

Goal #4 | Develop wildlife management proposals

Measure – Prepare management plans for deer, coyote and skunk by 2020. Train 10 Park Ambassadors to conduct biosurveys and provide public education to park visitors.

- Deer and coyote encounters will continue to increase and may need city intervention in the future.
- Create a framework for skunk mitigation.

- Continue habitat modification for goose control and work with property owners to educate and reduce goose reproduction on private properties.
- Engage Park Ambassadors and Park Explorers youth to assist with these efforts.
- Create pre-hike orientation videos for 3 Dublin city parks in 2018.

Goal #5 | Collaboration with DCS and Emerald Campus to add an environmental science track that is currently non-existent

Measure – Prepare an Environmental Education curriculum proposal to present to the Emerald Campus Director and planning board for 2019.

- Offer youth an environmental science option, pre-college coursework for wildlife and habitat management and education.
- Work with Emerald Campus Director to outline a potential curriculum by 2019.
- Collaborate with Central Ohio conservation and environmental education agencies to design a best-in-class, hands-on curriculum geared toward preparing young people for careers in urban environmental planning and wildlife conservation.

Goal #6 | Engage the Community with continued participation in Community Gardens and Certified Backyard Wildlife Habitats.

Measure – Provide 2 classes annually to add 30 or more certified habitats per year in the City of Dublin. Identify a space for a second potential community garden by 2020.

- Community Gardens - If gardens consistently sell out each season, consider a second community garden area to be identified in the next 24 months with a design plan.
- Certified Backyard Habitats - Increase by 30 homes a year.
- Certify at least 1 city habitat annually (Sensory Garden at Red Trabue for 2018).

City Operations

The City of Dublin will lead by example. We will improve our operations, promote better development practices, and help create jobs for our citizens. We will improve city operations to optimize efficiency and environmental sensitivity. It also directs our agencies to use the City's purchasing power and investment incentives to encourage job creation and it provides a framework for our entire community to come together and solve these challenges.

Goal #1 | Boards, Commissions, and Council will commit to becoming paperless.

Measure – Achieve 100% paperless by 2020.

- Issue all councilmembers, board members and commissioners city-owned tablets.
- Develop process for agendas, minutes and packets to be accessed in digital form via city-issued tablets and/or technology present in Council Chambers.

Goal #2 | Educate Staff of City Procurement and Purchasing Policy on preference for products derived from recycled materials.

- Review and update (if needed) Administrative Orders 1.13 and 4.4.
- Educate city personnel regarding established city procurement and purchasing policy (e.g. AO 1.13 and 4.4).

Goal #3 | Mitigate Idling by City Vehicles

- Review Administrative Order 3.15.
- Educate city personnel regarding no-idling policy for city vehicles.

Recycling and Diversion

The City of Dublin has a long history of leading the way in central Ohio by providing recycling to our residents free of charge. This recycling program has evolved over the years to accommodate and encourage increased recycling and diversion of waste from our landfills. Educational efforts, resizing of recycling bins, community and neighborhood recycling events and an e-waste drop-off location are a few of the ways the City has worked to improve community waste diversion.

According to the Solid Waste Authority of Central Ohio (SWACO), the Franklin County Sanitary Landfill (FCSL) receives just over one million tons of Municipal Solid Waste (MSW) every year. Between 60 to 70% of all the waste that comes to the landfill could have been recycled or diverted. For the past few years, Dublin's residential diversion rate (the amount diverted from the landfills) has remained consistently around 47% to 49%. Significant opportunities exist for residents to recycle even more and to increase this diversion rate substantially. This will require the City to examine ways to provide expanded recycling options and associated education to public employees, residents and businesses. The goals, measurements and action items listed below, reflect these opportunities.

Goal #1 | Increase the community's diversion rate.

Measurement – Increase the City's diversion rate from 49% to 55% by 2020

- Implement a community education and awareness campaign.
- Provide more opportunities for residents to recycle or donate a broader range of items through drop-off sites and community/neighborhood events.
- Evaluate feasibility for adding recycling to existing trash receptacles in City Parks.
- Explore residential and commercial composting options.
- Work in partnership with SWACO and other local organizations to accomplish this goal.

Goal #2 | Increase the Dublin Irish Festival diversion rate.

Measurement – Increase the Dublin Irish Festival diversion rate from 23% to 30% by 2020.

- Explore hiring a professional waste management company.
- Meet with stakeholders to improve onsite operations.
- Continue to improve on-site education and awareness of recycling.

Goal #3 | Increase internal (employee) recycling.

Measurement – Employee survey demonstrating increased awareness and recycling efforts.

- Implement an internal education and awareness campaign.
- Increase the number of recycling containers and types of items recycled.
- Decrease the products purchased that contribute to the waste stream and landfill.

Energy and Air Quality

According to the US Energy Information Administration, approximately 80 percent of the country's energy comes from non-renewable sources. While renewable sources have grown steadily over the past few years, the U.S. is still far from a level that is appropriate to address air quality and climate change issues. Additionally, Franklin County has been designated as an Ozone Non-Attainment area for several years. One of the Mid-Ohio Regional Planning Commission's (MORPC) Sustainable 2050 Goals for all member communities is to "Reduce emissions to meet federal air quality standards". The City of Dublin can have a positive impact on these issues by continuing to focus on conserving energy and transition to renewable and cleaner energy sources.

Two areas of greatest focus related to air quality and energy have been with the City's facilities and fleet operations. Since 2012, the Division of Facilities Management has completed several energy saving projects, including lighting retrofits in city buildings and parking lots, and the installation of a geothermal cooling system, a combined heat and power system and a green roof at the Dublin Community Recreation Center. Additionally, when HVAC and other equipment is replaced, new equipment is selected based upon energy efficiency. Since 2012, the Division of Fleet Management has also completed several air quality and energy saving projects including the construction of a compressed natural gas station and it has pumped over 1.2 Million GGE's of natural gas and the purchase of 63 CNG vehicles, the testing and use of a high performance clean diesel (HPCD) and the recycling of all shop oils and oil filters.

In the next few years, efforts to continue greening our facilities and fleet are outlined in the goals below

Goal #1 | Install a Solar Energy Array at a City Facility.

Measurement – Provide at least 15% of the facility's electricity demand from the solar installation.

- Identify funding for a Solar Assessment to determine the costs and benefits of installing solar panels and to identify the best facility for the installation.
- Develop funding mechanism and technical specifications for a solar project.
- Issue RFP and/or bid for a solar project.

Goal #2 | Install new chillers at the Dublin Community Recreation Center that take full advantage of the City's Geothermal system.

Measurement – Reduce the amount of electricity purchased from the utility community to less than 1.5 million KWHs per year.

- Identify manufacturers that can provide chillers that can effectively operate with the cooler water temperatures that the geothermal system can provide. Cooler water temperatures translate in less energy being consumed by the two chillers. May also translate into smaller chillers which would also reduce energy consumption.
- Develop projections of energy savings that can be expected from the new chillers
- Develop bid documents that specify the technical specifications required to achieve the optimal energy savings.

Goal #3 | Replace interior lighting at the Dublin Recreation Center with LED fixtures.

Measurement – Achieve at least 90 percent of fixtures converted to LEDs.

- Develop implementation plan and budget for lighting replacement. Assessment will include projected rebates from utility company.
- Determine projected energy savings from each phase of the conversion.
- Develop implementation schedule and obtain quotes for implementing each phase of the conversion.

Goal #4 | Reduce City vehicle emissions and dependence on petroleum fuel.

Measurement – Achieve 20% reduction in vehicle emissions by 2020.

- Continue to purchase and/or lease alternative fuel vehicles and fuels that improve efficiency and reduce emissions.
- Evaluate and install anti-idling devices on vehicles as appropriate.
- Increase employee education related to idling and awareness of environmental impacts.
- Test and adopt other emerging software and technologies to improve fuel efficiency and reduce emissions.
- Participate in the Smart Vehicle Corridor testing with City vehicles.

Goal #5 | Assist residents and corporate residents in reducing emissions by providing alternative fueling choices to the public

Measurement – Increase the number of privately owned vehicles (individual and corporate) using the City's CNG station or electric vehicle charging stations by 20%.

- Continue to keep the CNG station open to the public.
- Install additional electric vehicle charging stations in strategic locations throughout the community.
- Promote the availability of the CNG station and the electric vehicle charging stations.

Mobility

Provide our increasingly diverse community access to a range of transportation options, which will connect more people to more places.

Goal #1 | Support economic development: Keep Dublin competitive as a global choice city to live, work and do business.

Measure – Create a mobility plan for workforce development and business community.

- Assess the mobility needs for Dublin businesses and workforce.
- Create a circulator system that serves the workforce and connects amenities.
- Continuously monitor and evaluate the mobility needs of our business and workforce community.

Goal #2 | Promote equitable access to mobility: Americans with Disabilities Act (ADA), improve access to jobs, aging in place, safe routes to schools, etc.

Measure – Create a circulator that provides greater mobility options for our senior and individuals with disabilities.

- Assess the mobility needs for Dublin seniors and individuals with disabilities.
- Identify all private shuttles in an effort to consolidate operations and attract funding partners.
- Continuously monitor and evaluate the mobility needs of our senior and individuals with disabilities.

Goal # 3 | Expand multimodal options citywide.

Measure – Pilot at least two non-automotive transportation projects.

- Pilot a bikeshare program.
- Improve wayfinding within the City's shared use path network.
- Create a destination oriented path and sign system.

Goal #4 | Preserve our environs by focusing future growth: Focus new growth in walkable, mixed-use centers, which will preserve low-density lifestyles and protect the natural environment.

Measure – Increase the share of population growth captured within walkable neighborhoods.

- Further walkable neighborhood development.
- Create Mobility hubs at nexus locations between low-density/residential and commercial service centers.
- Create a dashboard app for the city webpage, that will graphically display details (Key Performance Indicators= KPI).

Community Engagement

Increase local and regional collaboration and education opportunities to advance innovative, sustainable solutions.

Goal #1 | Increase GreenSpot membership

Measure – Increase membership by 50% by 2020.

- Market GreenSpot program through City website.
- Encourage businesses, nonprofit organizations, and residents engaged with the City to become GreenSpot members.
- Require all City of Dublin buildings to be registered as GreenSpot members by 2020.

Goal # 2 | Increase exposure of Dublin sustainability.

- Produce periodic highlight of sustainable efforts.
- Actively participate in MORPC's Sustainable2050 program.
- Continue Dublin's engagement with the USDN Regional Network.
- Promote sustainability during City Events.
- Promote sustainable events in the City of Dublin.
- Leverage Communications and Public Information in promoting sustainability efforts.

Goal #3 | Create an external advisory group.

Measure – Host inaugural meeting by the close of 2018

- Identify potential members.
- Create scope of work and purpose for the team.
- Extend invitations.

Goal #4 | Create a sustainability webpage

Measure – Have initial webpage launched by June of 2018

- Identify appropriate format for sustainability webpage.
- Create logic for all necessary categories, resources, links, etc.
- Collect all necessary information needed for creation of webpage.

Economics

Create an ecosystem that encourages and supports the growth of environmentally friendly businesses, buildings, markets and technology.

Goal #1 | Engage with Green Companies & Increase Awareness: Connect with Dublin companies who are in the sustainability market along with organizations that uphold green practices.

- Create an inventory of existing Dublin green companies and organizations.
 - Include attributes such as numbers of employees, their industry and a short description on why they are considered a 'green company'.
- Align with Smart Dublin initiatives that will have a positive impact on the environment.
 - Transportation/ Sensors / Energy Engineering Firms / Energy Efficiency/Air Quality Measurements / Weather.

Goal #2 | Increase Green Encouragement Programs.

- Continue PACE and Building Efficiency Programs.
- Develop a LEED Certification Incentive.
- Create Brochure/Information to share with prospective companies/builders around sustainability, and include guiding document on options.

Goal #3 | Create a Green Business Roundtable.

- Host an annual Round Table Event for Green Companies & Discussion around Sustainability.