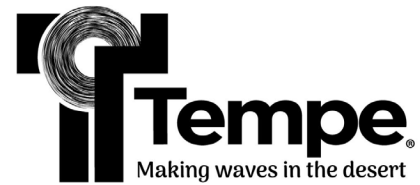


PUBLIC MEETING AGENDA



Sustainability Commission

MEETING DATE

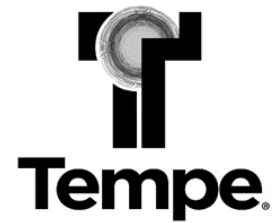
Monday, March 15, 2021
4:30 p.m.

MEETING LOCATION

Virtual Meeting
[Join Microsoft Teams Meeting](#)
[+1 480-498-8745](tel:+14804988745) United States, Phoenix (Toll)
Conference ID: 596 204 660#

AGENDA ITEM	PRESENTER	ACTION or INFORMATION
1. Public Appearances The Sustainability Commission welcomes public comment for items listed on this agenda. There is a <i>three-minute time limit</i> per citizen.	Kendon Jung, Commission Chair (4:30 – 4:33 pm)	Information
2. Approval of Meeting Minutes The Commission will be asked to review and approve meeting minutes from the February 8, 2021 meeting.	Kendon Jung, Commission Chair (4:33 – 4:35 pm)	Action
3. EnVision Resilience Hub Staff will provide updates.	Levon Lamy, Naomi Farrell, (4:35 – 4:55 pm)	Information
4. Resilient Energy Hubs Staff will provide updates.	Braden Kay, Sustainability Director (4:55– 5:00 pm)	Action
5. International Green Construction Code Staff will provide updates.	Donna Sullivan Hancock, Dino Accardo, Anthony Floyd, Scottsdale (5:00 – 5:30 pm)	Action
6. Parks and Recreation Master Plan Update Staff will provide updates.	Craig Hayton, Shawn Wagner (5:30– 5:50 pm)	Action
7. Highlight Actions Overview – Commission Assignments Staff will provide updates.	Braden Kay, Sustainability Director (5:50– 6:15 pm)	Action
8. Sustainability Awards Staff will provide updates.	Kendon Jung, Commission Chair (6:15 – 6:25 pm)	Action
9. Housekeeping Items Cities Race to Zero & Arizona Thrives	Kendon Jung, Commission Chair (6:25 – 6:28 pm)	Action
10. Future Agenda Items Commission may request future agenda items.	Kendon Jung, Commission Chair (6:28 – 6:30 pm)	Information

According to the Arizona Open Meeting Law, the Sustainability Commission may only discuss matters listed on the agenda. The City of Tempe endeavors to make all public meetings accessible to persons with disabilities. With 48 hours advance notice, special assistance is available at public meetings for sight and/or hearing-impaired persons. Please call 350-2775 (voice) or 350-8400 (TDD) to request an accommodation to participate in a public meeting.



Minutes City of Tempe Sustainability Commission February 8, 2021

Minutes of the Tempe Sustainability Commission meeting held on Monday, February 8, 2021, 4:30 p.m. at a virtual meeting on MS Teams, through City Hall, 31 E. 5th Street, Tempe, Arizona.

(MEMBERS) Present:

Kendon Jung (Chair)
Ryan Mores (Vice Chair)
Barbie Burke
Sukki Jahnke

John Kane
Katja Brundiars
Gretchen Reinhardt
Anna Melis

(MEMBERS) Absent:

Stephanie Milam-Edwards
Steven Russell

City Staff Present:

Braden Kay
Grace DelMonte Kelly
Ausette Anderies
Donna Sullivan-Hancock
Dino Accardo
Robert Yabes
Chase Walman
Laura Kajfez
Vanessa Spartan

Guests Present:

David Sokolowski

Chair Jung called the meeting to order at 4:35 p.m.

Agenda Item 1 – Public Appearance

Chair Jung asked the guests to introduce themselves.

Agenda Item 2 – Approval of Meeting Minutes

Chair Jung introduced the minutes of the January 11, 2021 meeting. Commissioner Burke made a motion to approve the minute. Commissioner Melis seconded.

Motion: Commissioner Burke

Second: Commissioner Melis

Decision: Approved 8-0

Voted to Approve:

Kendon Jung (Chair)
 Ryan Mores (Vice Chair)
 Barbie Burke
 Sukki Jahnke
 John Kane
 Gretchen Reinhardt
 Katja Brundiers
 Anna Melis

Motion Passed 8-0.

Agenda Item 3 – 30% Country Club Way and Transportation Demand Management Update

Planner Chase Walman gave an overview of the 30% Country Club Way Project:

- Country Club Way Bike and Pedestrian Improvement Project
- One-mile multi-use path - on-street improvement 3-miles (Warner Road to US 60)
 - Lighting landscaping and rest nodes
 - Street improvements/bike lanes
 - Signal improvements - (Warner road pedestrian signal)
- History
 - First identified in the Transportation Master Plan
 - Grant funding - 2016 got awarded a design grant
 - The first round of public feedback completed
 - 2018 construction grant (awarded - Federal \$ 2.6 million)
 - Final design delayed due to pandemic
 - Public meetings in September/October
 - Design alternatives
 - Different options available for ped/bike/car lanes in different areas
 - Alternatives moving forward
 - Sections for addition input
 - Buffered bike lanes
 - Ramp improvements
 - ADA accessibility
 - Traffic calming in areas where this is possible
 - Potential landscaping, lighting, different textures
 - Next steps
 - The second round of meetings
 - One last round after that
 - Construction to start in 2022

Q. Are there identified places along this path that will connect neighborhoods and businesses?

- Two existing neighborhood openings - maintained - added ADA accessibility
 - Will directly connect to the ASU research part pathway
- Opportunity for regional connection

Q. How does this improve 20-minute city objectives? Does this provide access from underserved areas?

- Promote lower stress environment

- Improve space for pedestrians and bikes (currently not accessible to all abilities and ages)
- Improve canopy
- 20-minute city improved by infrastructure and comfort

Thank you for mentioning the low impact strategies and intention to include bike repair.

Q. Can you speak to how the project might connect with the light rail and public transportation (North Tempe neighborhoods)

- The project ends at US 60
- Corridor to be extended in net phase
- Too much to build all at once - this phase does not go that far

Q. Double bike lanes - how do they merge?

A. Bicyclists within a 12-foot space split in two

Q. Opportunities for green infrastructure? Cool pavement, etc.

- Send to staff and commission - including sustainability materials and ideas

Transportation demand Management Update

Planner Vanessa Spartan gave an overview:

- Performance measure
 - 20-minute city
 - Transit use
 - Multimodal
 - Reducing congestion
 - Transportation Demand Management (TDM)
 - Applying different strategies to reduce the usage of single-occupant use
 - Transportation Management Association
 - Scope of work
 - Management and stakeholder public engagement
 - Management team
 - TDM working group
 - Public engagement/stakeholders' interviews focus groups
 - Electronic surveys
 - Fact sheets
 - Two public meetings
 - Stakeholder groups
 - Championing sustainability growth
 - Technical working groups
 - Community stakeholders
 - TDM evaluation plan
 - Background analysis
 - Strategy options
 - Best practices and performance measures
 - Goals and objectives
 - TDM implementation and monitoring plan
 - Result - create a more formal TDM program within the city
- Transportation Management Association (TMA) evaluation plan
 - Feasibility analysis
 - TMA implementation plan
 - TDM measures

- Walking, transit, bikes, mobile
 - Schedule
- Q. What is your current understanding about what the opportunities and threats are with building this program?
- DTA - they get approached about parking needs - often they want to take the conversation to TDM, but they do not feel equipped to deal with this question
 - A lot of employers already have reached County trip reduction quotas - TDM strategizing at a city-wide level could help fill that knowledge gap.

Agenda Item 4 – International Green Building Code

Principal Civil Engineer Donna Sullivan-Hancock said:

- 2018 International Green Construction Code adoption
 - Have not been permitted to build to the green code

Deputy Community Development Director Dino Accardo said:

- International code council, comprehensive code (2012, 2015, 2018)
- Published
 - IECC Interaction Energy Conservation Code – Fairly new code
- Tempe green code specific to Tempe needs
- Example of green building code adoption
 - Their code is voluntary
 - Commercial green building program
 - Green designation (identifying their building, adds value)
 - Mandatory 10 floors in height or less - started 2018 - 100% of parking spaces to provide charging for EV
 - First fully integrated form of the IGCC
 - Applies to new buildings
 - New parts of the building
 - New systems do not apply to private families
 - The site is part of the green designation
 - Water use and efficiency included
 - Energy efficiency - Indoor Environment Quality (IEQ)
 - Health of the occupants
 - IGCC goes further - not just about energy efficiency
 - Other qualities included
 - Material and resources
 - Construction plans operation
 - Road map
 - Guidance on Tempe amendments
 - Voluntary opt-in and enforcement (positive results in Scottsdale)
 - Once a green building, always a green building
 - Staffing and training

Q. Why has Tempe been lagging? What is holding us back?

Q. Does the retrofitting of the building fit in anywhere?

Q. Is there any type of "coordination" or "mutual support" between IGCC and the EPA "Portfolio Manager" for benchmarking and energy tracking once built (ie. on-going performance)?

Agenda Item 5 - Proposed Transit Changes

Senior Transportation Planner Sam Stevenson gave an update for Transit Service Reduction:

Performance measure → 20-minute city/transit satisfaction

- Council supported moving forward with this project
- Transit funds
 - 9.5-million-dollar reduction in funding to sustain long term
 - Successful program - highest use in the region per capita
 - Overarching goals
 - Trying to reduce expenditure without reducing transit quality service
 - Significant investment
 - Community values survey
 - Ranking the priorities of the community regarding transport
 - Using regional ridership data
 - Performance and data used to identify where service impacts will be the least
 - Lowest impact ridership hours
 - Reducing orbit frequency
 - Passenger loads reduced
 - Increased passenger capacity
 - Guadalupe road optimization
 - Options
 - Eliminate Orbit Saturn
 - Realign Orbit Saturn
 - Realign route 62
 - Eliminate route 65 or Orbit Saturn routes 62, 65, 66

Q. At a macro level, there may be low ridership in the late hours. But is that low ridership consistent across the geographic areas?

Q. could you explain a little bit more what data suggests that ridership will be a bounce back after the pandemic is "over"? How will those, who have the choice of using public transport or their own car, get back to using transit after they got re-introduced into the convenience of their own car? As this is a problem in other cities, too, I am wondering what could be done to motivate those people who have a choice to come back and use public transport (e.g., marketing)?

Q. What can you say about the demographics of respondents of prioritizing... is this survey high from the current ridership? or a different demographic?

- Most respondents were transit users
- Demographic information optional on the survey
- Minimizing the impact of the reduction
- We have identified the business stations - hoping it has been reaching people - paper options
- More than willing to assist wherever we can to make sure we are collecting this information

Q. Orbit bus size is a challenge on my neighborhood street (S. Lola Ln.) due to changing demographics in the area and transitioning from original homeowners to student rentals. High numbers of vehicles per home (and lots of Uber/etc. usage) so the street in effect becomes a one-way street when the bus needs to go through. Are you seeing this trend in other areas? How are you planning to handle this type of demographic change?

Agenda Item 6 - Resilient Energy Hubs update

Braden Kay said thank you to Community Development for the presentations!

- In line with the highlight questions
- Working on the Resilience Hub at Apache and Dorsey (Solar and battery options)

Agenda Item 7 – Housekeeping

Sustainability Awards - Nominations

Agenda Item 8 - Future Agenda Items

There were none.

A motion was made to adjourn.

Motion: Commissioner Burke

Second: Commissioner Jahnke

Decision: Approved 8-0

Voted to Approve:

Kendon Jung (Chair)

Ryan Mores (Vice Chair)

Barbie Burke

Sukki Jahnke

John Kane

Gretchen Reinhardt

Katja Brundiers

Anna Melis

Motion Passed 8-0.

The meeting was adjourned at 6:00 pm.

Prepared by: Ausette Anderies

Reviewed by: Grace DelMonte Kelly

Sustainability Commission EnVision Center/Resiliency HUB



Tempe

Making waves in the desert

Six Pillars of Engagement

- Economic Empowerment
- Educational Advancement
- Health & Wellness
- Character & Leadership
- Community Resilience
- Extreme Heat Relief




Federal Coordination between partner agencies

- HUD
- EPA
- Department of Commerce
- Department of the Treasury
- USDA
- Department of Labor
- Department of Education
- Department of Health & Human Services
 - Americorps
 - NCCC
 - VISTA



Conceptual Drawings – buildout in progress





COMMENTS/QUESTIONS?

From: [Accardo, Dino](#)
To: [Kelly, Grace DelMonte](#)
Cc: [Sullivan-Hancock, Donna](#)
Subject: Commission questions
Date: Monday, March 15, 2021 8:39:48 AM

Good morning Grace.

Below are the Commission questions answered based upon the information we have available to us at this time. The answers are provided point by point in red:

- Are you engaging developers? We have only been directed to perform a preliminary review of the 2018 IGCC. **We have not been directed to move forward by Council.**
- Why has Tempe been lagging at a time where there is so much development going on - one of the biggest booms. What was holding us back? **At this current time we have only been directed to perform a preliminary review of the 2018 IGCC. We have not been directed to move forward by Council.**
- Does the retrofitting of building fit into these codes anywhere? **The 2018 IGCC is applicable to new systems in existing buildings.**
- Is there any type of "coordination" or "mutual support" between IgCC and the EPA "Portfolio manager" for benchmarking and energy tracking one built (i.e. ongoing performance)? **Our preliminary review of the 2018 IGCC has not uncovered any coordination or references to the EPA. However, it should be mentioned that there is a prohibition under AZ SS Prohibition 9-500.36; State preemption on requiring energy measuring and consumption.**
- How does IgCC need to be modified to fully understand our desert & heaty context (which may not be relevant to much of the world that creates international codes)? **The 2018 IGCC Chapters 5 and 6 provide many provisions to address, Site selection, Heat Island Effect, Site water use. Building water use. As with any code adoption, a more in-depth review and analysis is required in order to determine specifically what will work for our City.**
- As you are identifying the success factors and barriers that Scottsdale faced, I would be interested in learning about their way of engaging stakeholders (which ones, how) and socializing the idea. What is transferrable of that approach to Tempe? We have only been directed to perform a preliminary review of the 2018 IGCC. **We have not been directed to move forward by Council but if directed move forward we will reach out to Scottsdale and reassess our neighboring communities (if any recent adoption have occurred or are pending) for input and insights into their code adoptions. This keeps some valley cohesion but also assists us in gaining experience for our own success.**

Please let us know if you have any further questions.

Regards,

Dino Accardo, C.B.O.

Building Official/Plan Review Manager
Comm. Dev., Building Safety

City of Tempe

31 E. 5th St.

Tempe, AZ. 85281

P: (480) 350-8071

E: dino-accardo@tempe.gov





MEMORANDUM

TO: Tempe Sustainability Commission
FROM: Craig Hayton, Deputy Community Services Director – Parks & Recreation
Shawn Wagner, Deputy Community Services Director – Parks & Recreation
DATE: March 15, 2021
SUBJECT: Draft Parks & Recreation Master Plan

Tempe Sustainability Commission;

Tempe strives to provide its residents and visitors with valuable park and recreation experiences through a diverse offering of parks, programs, events and facilities. In order to ensure that Tempe’s parks and recreation systems and services continue to meet the needs of our community and visitors, an updated Parks and Recreation Master Plan will become the division’s comprehensive planning document, ensuring Tempe’s parks and programs benefit the community and its visitors for the next decade. Much has changed in Tempe and in the larger park and recreation field since the last Parks and Recreation Master Plan was adopted in 2001, highlighting the importance of this comprehensive planning effort. We appreciate the opportunity to provide an update at an upcoming Sustainability Commission meeting. In order to maximize our time at the upcoming meeting, this memo is intended to provide general background information, allowing us to focus on Sustainability Commission specific areas of interest of the draft plan during the meeting.

Planning Process

The draft Parks and Recreation Master Plan provides a system-wide approach to evaluating parks and recreation amenities, facilities and programs to develop goals, policies, guidelines and achievable strategies. It creates a 10-year roadmap for ensuring an appropriate balance of facilities, amenities and programs throughout the community. Phoenix-based PLAN*et Communities, a team that is passionate about Tempe and what the master plan will provide for the city, its residents and park users, has been the plan’s lead consultant. In addition to the consultant and project team, a Technical Advisory Committee was formed including staff within multiple city departments, as well as two members of the Parks, Recreation, Golf & Double Butte Cemetery Board, ensuring that the overall process and final plan is consistent with, and supports, other city planning efforts and strategic priorities. Additionally, because the planning approach relies on an inclusive strategy that engages stakeholders and the public in multiple ways, key partners also include City Council, boards and commissions, individual residents, park, facility, and program users, community partners and service providers. The overall planning process has included five (5) interrelated steps, identified in the following graphic, providing multiple opportunities to listen and engage with stakeholders and the public.



Draft Plan

The draft plan engages the user through an innovative format, known as a StoryMap, designed to be an interactive, online document, utilizing summarizing text, supporting images and graphs, and interactive maps. The plan is organized into nine (9) separate yet interrelated sections, providing the reader with the opportunity to move through the plan systematically or jump into specific plan sections of interest. At a high level, the plan includes background information about Tempe and its parks and recreation system in 2020, what the future could look like and how we get there. Like other recent planning efforts, guiding principles have shaped the entire process. These four (4) key guiding principles (inclusion, resilience, strategic and sustainability) provide the framework for the current, near and mid-term strategies, diplomatically guiding the city as it puts the plan into action over the next decade. The plan ends with important financial information, highlighting funding opportunities and potential costs for plan implementation.

For additional information and to view the draft plan, please visit the project's webpage:

<https://www.tempe.gov/government/community-services/parks/parks-recreation-master-plan>

Draft
Parks & Recreation
Master Plan

Sustainability Commission
March 15, 2021



Tempe
Making waves in the desert

City Council Strategic Priorities



Safe & Secure
Communities



Strong Community
Connections



Quality of Life



Sustainable Growth
& Development



Financial Stability
& Vitality

3.16 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of City parks, recreation, arts, and cultural centers" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

3.17 Achieve ratings of "Very Satisfied" or "Satisfied" with the "Quality of Community Services programs" greater than or equal to the top 10% of the national benchmark cities as measured in the Community Survey.

- Review of previous presentations
- Plan format
- Guiding principles
- Plan strategies
- Next Steps & timeline
- Questions & input



- 2 prior Sustainability Commission presentations
- Introduce planning process & initial outreach
- Recreation assessment, LOS analysis & park classifications

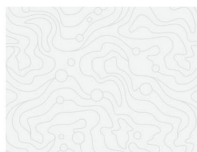




- Online, interactive & explore-able guide
- Tells the story through maps, text & media
- Engages & enhances the user experience
- Visually attractive & user friendly format
- Print option

Tempe Parks & Recreation Master Plan Update

The Tempe Parks & Recreation Master Plan Update includes Principles & Strategies to guide management, programming & development of Tempe's parks & facilities to the community. Click on any section to view or print it.



1 How to Use This Plan



2 Acknowledgements & Table of Contents



3 Introduction



4 Parks & Recreation Master Plan Process



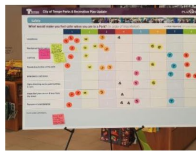
5 About Our City



6 Our Parks and Recreation System Today



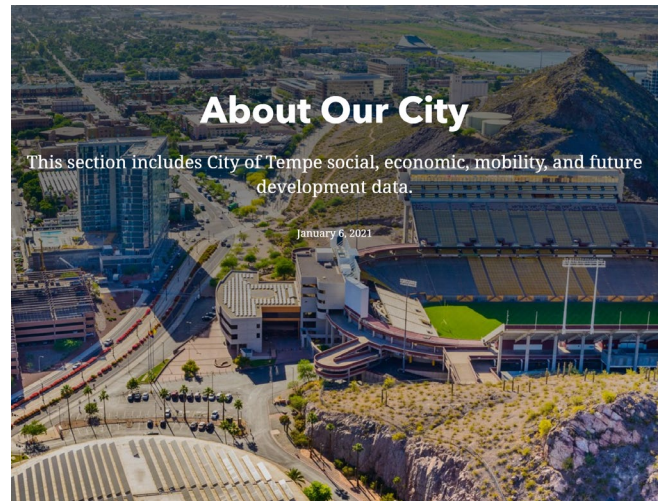
7 A Parks & Recreation System for Our Future



8 Plan Principles & Strategies



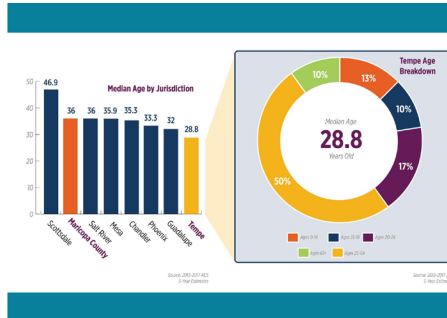
9 Implementation & Finance



AGE

People use different recreation facilities at different ages. Field sports, team sports, and physical challenge sports are most popular with people under age 65.

Tempe's population is younger than most jurisdictions in the Phoenix Metropolitan Area. In part, this is due to the large number of students at Arizona State University (ASU). ASU provides recreation facilities for its students, & ASU students use City parks & recreation facilities. ASU facilities are not considered in this Master Plan, but students at ASU use City facilities.





City of Tempe Strategic Priorities



Financial Stability
& Vitality



Quality of Life



Safe & Secure
Communities



Strong Community
Connections



Sustainable
Growth &
Development



Parks & Recreation Master Plan Guiding Principles



Inclusion



Resilience



Strategic



Sustainability





Parks and recreation systems and services that enrich and sustain the community, nurture the environment and contribute to the economy.



- Reduce GHG emissions by continuing to invest in energy efficiency.
- Implement city's Urban Forestry Master Plan through the addition of trees, with an emphasis on equity.
- Implement and update the city's Integrated Pest Management (IPM) Program.
- Research and implement Organic Land Management principles, such as using compost and organic fertilizers.
- Pilot SITES certification for a future park project.
- Look for opportunities to support pollinators and native species; consider options to pilot food forests and native pollinator gardens.



Parks that help communities thrive despite disruptive environmental, societal and health events.



- Implement the Urban Forestry Master Plan to reduce urban heat island effect by increasing shade.
- Use parks and recreation sites as key gathering areas and hubs for community resilience and emergency management.
- Research and identify Cool materials for use and incorporate heat and health data into park design.
- Work with Engineering and Environmental Services to determine where Green Infrastructure/Low Impact Development in parks could help support local flood mitigation.
- Explore partnership opportunities through community gardens to positively influence food islands.



- March & April: Boards & commissions; public meeting & survey
- April: City Council Work Study Session
- May: Finalize plan
- June: Formal plan adoption





Questions & Input

From: [Warner, Shauna](#)
To: [Kelly, Grace DelMonte](#)
Cc: [Hayton, Craig](#); [Wagner, Shawn](#)
Subject: Draft Parks and Recreation Master Plan
Date: Monday, March 08, 2021 5:59:36 PM

Hi Grace,

I'm not sure if you've sent out the Sustainability Commission packets yet. We wanted to make sure you knew that the draft plan is now available online at <https://arcg.is/Dz8bm0> or as a PDF at <https://www.tempe.gov/home/showpublisheddocument?id=88323>

Thanks,
Shauna.

From: [Kelly, Grace DelMonte](#)
To: [Jung Kendon](#); [Ryan Mores](#); steve.eddie.russell@gmail.com; [John Kane](#); ["cbd.gretchen@gmail.com"](mailto:cbd.gretchen@gmail.com); azbarbierealtor@gmail.com; Sukki@tempechamber.org; [Stephanie Milam-Edwards \(smilam@tuhdsd.K12.az.us\)](mailto:smilam@tuhdsd.K12.az.us); [Katja Brundiers](#); [Anna Melis](#)
Cc: [Kay, Braden](#)
Subject: It's that time of year! Sustainability award nominations are here! And the nominees are.....
Date: Monday, March 01, 2021 6:48:42 PM
Attachments: [11 nominations for sustainability awards.pdf](#)

Hello Commissioners,

We received 11 nominations for sustainability awards! Thanks for spreading the word and for submitting nominations!

Please review the attached pdf with the award applications and letters of support and :

- Pick your #1 and #2 choices for Individual and Business category
- Pick your #1 choice for the Youth and Organization category
- Email your selections to me (please do not cc anyone else on this email)

by Sunday, March 14th

We will tabulate the results on Monday before the Commission meeting on **March 15th**.

We are giving out one award per category as we are limited by budget this year.

The list of nominees are:

Nominee	Category
Doug Bland	Individual
Shelly Gordon	Individual
Steven Klug (2 nominations)	Individual
Casey Clowes	

	Individual
Anna Melis	Youth
Taylor Conley	Youth
United Dairymen	Business
CHASSE Building Team	Business
Buffalo Exchange	Business
24 Carrots	Business
Green Light Solutions	Organization

Thanks and let me know if you have any questions!

Best,
Grace