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**PARK CITY COUNCIL MEETING MINUTES
445 MARSAC AVENUE
PARK CITY, UTAH 84060**

July 21, 2016

The Council of Park City, Summit County, Utah, met in open meeting on July 21, 2016, at 1:15 p.m. in the City Council Chambers.

Council Member Beerman moved to close the meeting to discuss property, personnel, security and litigation at 1:15 p.m. Council Member Henney seconded the motion. Voting Aye: Council Members Beerman, Gerber, Henney, Matsumoto and Worel.

CLOSED SESSION

Council Member Worel moved to adjourn from Closed Meeting. Council Member Gerber seconded the motion. Voting Aye: Council Members Beerman, Gerber, Henney, Matsumoto and Worel.

WORK SESSION

Council Questions and Comments:

Council Member Henney indicated he went to the Historic Park City Alliance (HPCA) meeting where they talked about parking. He also attended the Police Department Quarterly Meeting, and noted he was very impressed with the City's police force.

Council Member Beerman stated he went to a presentation by the Citizens Climate Lobby, held at the Santy Auditorium. A local scientist, Rob Davies, spoke on climate change. He attended a Central Wasatch Commission strategic meeting and noted the legislation would be going to hearing in September. A letter in support of the legislation was being drafted, which he hoped the City would sign, that would be sent to Representative Chaffetz. He also indicated he had been invited to be a part of the EPA Local Government Advisory Council, and he would be going to Washington, D.C. next week to discuss how the EPA could better interact with local government with regard to soils, water, environmental cleanup and climate change. He thanked Council Member Worel for hosting a great council dinner.

Council Member Worel stated she and Council Member Matsumoto went to Park Silly Sunday Market (PSSM). She met with Peace House and looked at the plans for their new facility. She also attended the Library Board meeting which focused on strategic planning.

1 Council Member Matsumoto indicated the PSSM was very crowded. She advised event
2 goers to not bring their dogs because of the hot pavement. She stated she connected
3 with Recycle Utah, and also attended the Sewer Board meeting. She went to the
4 Historic Preservation Board meeting, where they forwarded a recommendation that they
5 review all buildings in the historic Downtown.
6

7 Council Member Gerber stated she went to the opening of the summer series of the
8 Sundance Institute Film Series. She attended the Deer Valley Wednesday Night
9 Concert Series and was happy to see many bike riders and others using different forms
10 of transportation to get around town. She also thanked Council Member Worel for the
11 nice dinner.
12

13 Mayor Thomas thanked the Vail associates for backing away from the Trademark
14 application and their willingness to clean up any confusion in the community. He hoped
15 to assess the branding in the community in the future with staff. Harrington stated the
16 City attorneys would be monitoring branding and returning to Council for a full
17 discussion shortly.
18

19 Blake Foncesbeck Transportation Manager indicated that as part of the 40th
20 Anniversary of Transit, they were going to have live musicians on the buses singing 70s
21 songs every other Sunday throughout the rest of the summer season.

22 **WORK SESSION**

23 **2016 Sundance Film Festival Debrief:**

24 Jason Glidden, Economic Development Project Manager, and Sarah Pearce, Sundance
25 Institute, presented this item. Pearce stated 46,660 people attended the 2016 festival.
26 Sixty seven percent came from out-of-state and 17 different countries. The return on
27 investment: \$143,302,000 overall economic activity; and \$72,539,000 was the state
28 gross domestic product. She stated lodging numbers were down and felt those numbers
29 might be underreported. The survey was performed in person and many people had
30 others booking the rooms and events for them and didn't know the answers to the
31 questions asked. This event supported 7,360 jobs and \$8 million was submitted for
32 state and local taxes. She noted the publicity around the world for this event and how
33 Park City and Utah were promoted. She also discussed the highlights of the festival
34 including the locals program, the festival basecamp at Bob Wells Plaza, and the
35 exceptional safety and security from the Park City Police Department. Some challenges
36 she observed was transportation and parking, lodging and venue costs, and protecting
37 the official festival sponsors. Mayor Thomas stated the festival brings up so many
38 interesting ideas and has become a part of Park City.
39

40 Glidden indicated that the event was a success from the City's perspective as well. He
41 mentioned that there were daily debriefs, the traffic flow was managed and the new bag
42 check requirement at the theatres went well. He displayed the statistics of staff hours
43 involved and number of event permits issued during this festival period. Some

1 challenges for the City staff included lack of sufficient staff and late application
2 submittals (see attached PowerPoint).

3
4 Council Member Matsumoto asked if there were new ideas with regard to limiting events
5 on Main Street. With security issues, she indicated that the City couldn't handle
6 everyone coming here at the same time. Glidden stated his team was looking at
7 festivals around the country to see how other events were handled. Pearce stated she
8 received calls from other festival planners because they looked to Park City as a leader
9 in this area. Glidden hoped that the deadlines for applications would be adhered to.

10
11 Council Member Worel congratulated them on a successful festival. She asked about
12 the lack of staff. Glidden stated this affected the level of service since with shortage of
13 staff, the services were not being rendered in a timely manner. Foster stated staff was
14 added for the duration of Sundance. Harrington asserted having a hard deadline for
15 applications could be problematic because it needed to be tied to public safety. He
16 suggested that limiting the number of alcohol permits could be effective in managing
17 some of the late applications.

18
19 Council Member Beerman stated the 2016 Sundance Festival was great. He felt it was
20 well attended and things were very orderly. He asked if business licensing permits could
21 be moved so that this rush would not coincide with the Sundance crunch. Polly Samuels
22 McLean stated this suggestion had been discussed previously and the question could
23 be raised again.

24
25 **Water and Energy Conservation Program Update:**

26 Nick Graue, Public Utilities Engineer, and Bina Skordas, Sustainable Energy Project
27 Manager, presented this item. Skordas indicated there were three phases to the Water
28 and Energy Conservation Program: Phase One was having a program roadmap, which
29 had been accomplished. Phase Two would be the program development, in which they
30 would implement the high return/low cost energy savings projects in the short term. The
31 longer term plan would be focusing on building efficiency, and Phase Three included the
32 implementation of the short term and long term programs. She explained the strategies
33 to reduce the water and energy impacts within the department, including economizing
34 operations, using renewables and program management.

35
36 Graue stated he was looking at the efficiency of every drop of water as it moved through
37 the system. The Spiro Water Treatment Plant was modified to increase efficiency by
38 36%. In the Water Department, water purchased from Jordanelle Special Service
39 District (JSSD) would also be modified to reduce the energy footprint by 11%. He hoped
40 to have this project built by next summer. He also noted that the new Public Works
41 facility was being looked at to be an energy conserving facility. Skordas stated
42 communication of changes in operations was key. She noted the goal was to have all
43 the City buildings be net zero energy buildings.

44

1 Council Member Henney asked if the operators were able to use SCADA and
2 understand the system. Graue stated the operators had full access to SCADA and they
3 were being trained to work independently to reduce energy consumption. Council
4 Member Henney noted the Water Department was the biggest energy user and
5 anything that could be done in the next few months to conserve energy would help
6 towards winning the Georgetown Energy Prize. Clint McAfee stated the SCADA project
7 was replaced by Graue over the past year, which was the key to energy conservation.
8

9 **Discuss Gravel Mulch and Parking on Landscaped Areas in All Zoning Districts:**

10 Bruce Erickson, Planning Director, explained there were many second homes that
11 stored RVs and motorcycles on the property all summer. He stated his department
12 looked at this problem in relation to the City's priorities and the General Plan. As far as
13 water conservation in development was concerned, the more natural vegetation that is
14 kept, the less water would be required. The code restricted the amount of bluegrass that
15 could be used in landscaping. Xeriscaping was also looked at, but gravel has a thermal
16 effect. The conclusions from multiple departments were that there needed to be clear
17 distinctions made between gravel and rock, appropriate use of gravel and mulch in front
18 and side yards, the need to clarify what constitutes hard surfaces, the need to clarify
19 between yard and setbacks, the need to define the amount of gravel that can be used in
20 yards, etc.
21

22 Council Member Henney stated he liked the idea of defining parking versus storage,
23 noting he favored parking but not storage, and also favored defining hard surfaces.
24 Council Member Worel agreed with Council Member Henney and asked if the storage of
25 RVs was more of an HOA issue. Erickson stated two thirds of the neighborhoods had
26 inactive HOAs or no HOAs at all. With regard to neighborhood protection, it was the
27 responsibility of his department to address these issues. Council Member Matsumoto
28 thought people should conserve water, but might turn to rock for landscaping, which
29 concerned her. Anne Laurent stated there were shaded areas of properties that would
30 be fine for rock.
31

32 Council Member Gerber was also in favor of defining parking versus storage and
33 thought seasonality should be considered when evaluating this. She requested that a
34 list of landscape options be drafted, ranking items good, better and best. She
35 understood gravel retained heat, but felt asphalt also retained heat and asked about
36 those who would choose to asphalt their driveways. Erickson stated this was part of the
37 difficulty in defining parking areas on properties. He indicated he preferred not to turn
38 neighborhoods into storage yards. Council Member Beerman stated the City was
39 concerned about the carbon footprint, so like Council Member Gerber's comment on
40 considering the season (would the homeowner be using the watercraft weekly), the time
41 of year and length of stay would be important factors to consider.
42

43 Mayor Thomas stated he would take public comment on this item during the Public
44 Input portion of the regular meeting.

1 **REGULAR MEETING**

2 **I. ROLL CALL**

I.	Attendee Name	Title	Status
	Jack Thomas	Mayor	Present
	Andy Beerman	Council Member	Present
	Becca Gerber	Council Member	Present
	Tim Henney	Council Member	Present
	Cindy Matsumoto	Council Member	Present
	Nann Worel	Council Member	Present
	Diane Foster	City Manager	Present
	Polly Samuels McLean	Deputy City Attorney	Present
	Michelle Kellogg	City Recorder	Present

3
 4 **II. NEW BUSINESS**

5 **1. Swearing-In Ceremony - Park City Police Sergeant Rob McKinney and**
 6 **Officers Kacey Comer and Franco Libertini:**

7 Mayor Thomas stated he appreciated the police for all they do for the community. Chief
 8 Carpenter indicated the Police Department and City went through a transition in values.
 9 The Police Department had a new logo that would be on all new vehicles and new
 10 badges, which was the acronym PAIR: Professionalism, Accountability, Integrity, and
 11 Respect. He presented samples of the new badges to the Council and City Manager.

12
 13 Chief Carpenter presented three officers for Mayor Thomas to swear in. He stated
 14 Kasey Comer had worked with the Police Department for the past 10 years and was
 15 now being sworn in as a fulltime officer.

16
 17 Franco Libertini used to work for the West Valley Police Department. He came to the
 18 U.S. in 2001 from Argentina and didn't speak English, but had a strong desire to be a
 19 part of this country. He was sworn in as a fulltime officer.

20
 21 Sergeant Rob McKinney grew up in Orem. He came to Park City after working for the
 22 Highway Patrol. He was sworn in as a sergeant.

23
 24 **III. COMMUNICATIONS AND DISCLOSURES FROM COUNCIL AND STAFF**

25 Council Member Henney disclosed he purchased tickets for an event at Deer Valley,
 26 which was on tonight's agenda for discussion.

27
 28 **Park Silly Sunday Market Mid-Season Update:**

29 Council Member Matsumoto asked if water misting devices could be used to cool things
 30 off at the market on hot days. Diersen stated some booths had these devices and
 31 indicated she could make some inquiries.

32

1 Council Member Gerber asked if this was the second year that the number of cars had
2 been counted. Diersen responded in the affirmative.

3 **IV. PUBLIC INPUT (ANY MATTER OF CITY BUSINESS NOT SCHEDULED ON**
4 **THE AGENDA)**

5 Scott Maizlish, Park Meadows, stated he appreciated what the Council's position was
6 on the gravel issue. He had gravel laid 10 years ago, and there were several storage
7 vehicles that were on the property. He hoped when the issue was settled some leeway
8 could be given for those who had been doing this for a long time.

9
10 Marianne Cone thanked the Council for the trails system, and for the connections made
11 in front of Park Meadows. She asserted she had an RV and she didn't see derelict
12 vehicles stored on properties. She felt small RVs in front of properties were an
13 indication of signs of life in the community. She proposed the code be changed for RVs
14 to be stored April-October of the year.

15
16 John Nuffes stated he was here on behalf of his clients who wanted to continue
17 xeriscaping. He tried to remove as much sod as possible from homes and add drip
18 systems in landscaping. In speaking with Matt Cassel, City Engineer, he heard a City
19 concern was that the gravel would migrate into the road. He knew river cobble and
20 gravel were used throughout the west, and he felt they were effective tools in
21 landscaping. He encouraged Council to change the landscaping rules to include these
22 methods of landscaping.

23
24 Sally Elliott stated she had a motorhome in her driveway since 1998. She stated no
25 other comparable vacation destination town prohibited RVs. She called eight cities and
26 Salt Lake was the only City of those eight that prohibited RVs. She also asked if those
27 with RVs could keep them at their properties until this issue was resolved.

28
29 Tim Govin stated he was surprised to hear about this law. He had a trailer on the side of
30 his home for years and hoped the code could be changed.

31
32 Foster reminded Council that code enforcement only acts on complaints and doesn't go
33 out looking for violations. Cone asked if she would have to pay the \$100 per day fine.
34 Polly Samuels-McLean stated residents could not ignore the rules. Council could ask
35 staff for an ordinance to change the code.

36
37 Council Member Beerman stated it should not be punitive if only a few people with RVS
38 were being cited. He suggested a stay on the law until this issue was resolved. The
39 Council agreed with the stay. McLean noted the rules would be enforced until the next
40 meeting when Council could pass a stay on the enforcement of this law.

41
42 Bruce Erickson updated the Council on the California Comstock Mill Building at the
43 California Comstock Mine. He stated Hannah Turpin and Anya Grahn were involved

1 with overseeing a \$50,000 grant to restore this building. He showed a PowerPoint
2 presentation on the progress of the restoration.

3
4 Sally Elliott stated Marianne Cone designed the logo for the Mine Preservation group
5 and they would have a fundraiser in August that would help with the restoration of more
6 of these buildings.

7

8 **V. CONSENT AGENDA**

9

10 **1. Consideration to Approve a Request from the Property Owner of 1114 Park**
11 **Avenue to Enter into an Encroachment Agreement for Their Existing Garage,**
12 **Which Encroaches on City Property, in a Form Approved by the City Attorney:**

13

14 **2. Request to Authorize the City Manager to Enter into a Two-Year Service**
15 **Provider Agreement with Morrison & Morrison, LC, for Public Defender Services**
16 **in the Amount of \$125.00 Per Hour, in a Form Approved by the City Attorney:**

17 Council Member Worel asked if the public defender was bilingual. Foster stated this firm
18 had worked as the City's public defender in the past. She thought there was probably
19 somebody on the staff that was bilingual. Council Member Worel thought having a
20 Spanish speaking public defender was a must.

21

22 **3. Request to Authorize the City Manager to Enter into a Three-Year Contract,**
23 **with Indefinite, One-Year Optional Renewals, Subject to City Discretion and**
24 **Approval with James C. Barker, PC, Federal Legislative Consultant, for a Base**
25 **Amount of \$97,748 (\$92,748 Plus a \$5,000 Annual Expense Retainer):**

26

27 Council Member Worel moved to pull Consent Item Two off the agenda. Council
28 Member Henney made the second.

29

RESULT: APPROVED

30 **AYES:** Council Members Beerman, Gerber, Henney, Matsumoto and Worel

31

32 Council Member Council Member Beerman moved to approve Consent Items One and
33 Three and to continue Item Two until the next meeting. Council Member Worel
34 seconded the motion.

35

RESULT: APPROVED

36 **AYES:** Council Members Beerman, Gerber, Henney, Matsumoto and Worel

37

38

39

40

1 VI. NEW BUSINESS (CONTINUED)

2
3 **2. Consideration to Approve Level Three Special Event for the State Room**
4 **Presents Concert Series at Deer Valley Resort:**

5 Council Member Henney disclosed his ticket purchase to one of the events held at Deer
6 Valley.

7
8 Mayor Thomas opened the meeting for public input. No comments were given. Mayor
9 Thomas closed the public input portion of the meeting.

10
11 Council Member Henney asked why the Council was considering this item at this point
12 in the process. Jenny Diersen, Special Events, stated the transportation plan was just
13 set and now the application could proceed to Council. The application was submitted
14 later than normal and this was a quick turnaround.

15
16 Council Member Henney moved to approve Level Three Special Event for the State
17 Room Presents Concert Series at Deer Valley Resort. Council Member Beerman
18 seconded the motion.

19 **RESULT: APPROVED**

20 **AYES:** Council Members Beerman, Gerber, Henney, Matsumoto and Worel

21
22 **3. Consideration to Approve Ordinance 2016-34, an Ordinance Approving the**
23 **Third Amended Subdivision Plat for the Intermountain Healthcare Park City**
24 **Medical Campus/USSA Headquarters and Training Facility Pursuant to the**
25 **Findings of Fact, Conclusions of Law, and Conditions of Approval in a Form**
26 **Approved by the City Attorney:**

27 Bruce Erickson, Planning Director, stated this nine acre lot would be subdivided to
28 accommodate the Peace House. The Planning Commission forwarded a positive
29 recommendation.

30
31 Mayor Thomas opened the public hearing. No comments were given. Mayor Thomas
32 closed the public hearing portion of the meeting.

33
34 Council Member Henney moved to approve Ordinance 2016-34, an ordinance
35 approving the Third Amended Subdivision Plat for the Intermountain Healthcare Park
36 City Medical Campus/USSA Headquarters and Training Facility pursuant to the findings
37 of fact, conclusions of law, and conditions of approval in a form approved by the City
38 Attorney. Council Member Gerber seconded the motion.

1 **RESULT: APPROVED**

2 **AYES:** Council Members Beerman, Gerber, Henney, Matsumoto and Worel

3
4 **4. Consideration to Approve Ordinance 2016-35, an Ordinance Approving the**
5 **National Ability Center Subdivision, Located at 1000 Ability Way, Park City, Utah,**
6 **Pursuant to the Findings of Fact, Conclusions of Law, and Conditions of Approval**
7 **in a Form Approved by the City Attorney:**

8 Bruce Erickson, Planning Director, stated this item would approve a single lot in the
9 National Ability Center Subdivision. Council Member Worel asked how the project was
10 built without a subdivision. Erickson stated the County approved it and the City brought
11 it all in with the annexation.

12
13 Mayor Thomas opened the public hearing. No comments were given. Mayor Thomas
14 closed the public hearing portion of the meeting.

15
16 Council Member Matsumoto moved to approve Ordinance 2016-35, an ordinance
17 approving the National Ability Center Subdivision, located at 1000 Ability Way, Park
18 City, Utah, pursuant to the findings of fact, conclusions of law, and conditions of
19 approval in a form approved by the City Attorney. Council Member Henney seconded
20 the motion.

21 **RESULT: APPROVED**

22 **AYES:** Council Members Beerman, Gerber, Henney, Matsumoto and Worel

23
24 **5. Consideration to Approve Ordinance 2016-36, an Ordinance Adopting**
25 **Municipal Code Title 11, Building and Building Regulations, Chapter 9, Fire Code,**
26 **Section 3, Hazardous Environmental Conditions and Section 3.1 Delegation, in**
27 **Order to Permit City Council Delegation of Authority to the Fire Code Official to**
28 **Determine When Hazardous Environmental Conditions Exist Within Park City**
29 **Necessitating Restrictions on Ignition Source:**

30 Hugh Daniels, Emergency Manager, and Kirk Simister, Fire Marshall, presented this
31 item. Daniels stated the City had always been conservative with fireworks restrictions.
32 This ordinance would allow the Fire Code Official to be able to decide if restrictions
33 would be implemented each year instead of taking this to Council each time restrictions
34 were needed. An administrative policy was being written so the Fire Code Official would
35 have guidelines to help him/her in making those determinations. He asked that Council
36 adopt this ordinance and include the wording that this would go into effect immediately.

37
38 Council Member Beerman asked if the City would consult with the Fire Chief. Daniels
39 stated the Fire Chief would always be consulted prior to making any decisions. Council
40 Member Henney asked if the Council would be an appellate body. Samuels-McLean
41 stated there was no appeal authority on this item, but the Council could rescind the

1 policy. She indicated this policy would include how the public was notified. Council
2 Member Matsumoto stated the Council relied on staff's expertise and she supported this
3 ordinance.

4
5 Mayor Thomas opened the public hearing. No comments were given. Mayor Thomas
6 closed the public hearing portion of the meeting.

7
8 Council Member Worel moved to approve Ordinance 2016-36, an ordinance adopting
9 Municipal Code Title 11, Building and Building Regulations, Chapter 9, Fire Code,
10 Section 3, Hazardous Environmental Conditions and Section 3.1 Delegation, with the
11 amendment that it would take effect immediately. Council Member Henney seconded
12 the motion.

13 **RESULT: APPROVED**

14 **AYES:** Council Members Beerman, Gerber, Henney, Matsumoto and Worel

15
16 **6. Consideration to Approve Ordinance 2016-37, an Ordinance Adopting**
17 **Municipal Code Title 6, Chapter 5 Adopting a Process for Recovery of Costs for**
18 **Responding to Emergencies Resulting from Fires Caused by Negligence of**
19 **Property Owners/Occupiers or Negligent Use of Fireworks:**

20 Hugh Daniels, Emergency Manager, presented this item. He stated in the past the City
21 went under the ruling of the County ordinance. The City now wanted its own ordinance
22 that contained verbiage that the party responsible for starting a fire would be
23 responsible to pay for any damages.

24
25 Mayor Thomas opened the public hearing. No comments were given. Mayor Thomas
26 closed the public hearing portion of the meeting.

27
28 Council Member Matsumoto moved to approve Ordinance 2016-37, an ordinance
29 adopting Municipal Code Title 6, Chapter 5 Adopting a Process for Recovery of Costs,
30 with the amendment that it would take effect immediately. Council Member Gerber
31 seconded the motion.

32 **RESULT: APPROVED**

33 **AYES:** Council Members Beerman, Gerber, Henney, Matsumoto and Worel

34
35 **VII. ADJOURNMENT**

36
37 With no further business, the meeting was adjourned.

38
39
40 _____
Michelle Kellogg, City Recorder

2016 Sundance Film Festival

Annual Debrief



Successes

- Traffic flow
- EOC Daily Debriefs
- Security and management of occupant loads
- Implementation of bag checks at all theatres



Stats

Number of City Staff Hours

- Building: 1,621 Standard hours + 184.5 Overtime hours
- Finance: 300 Standard hours + 45 Overtime hours
- Planning: 596 Total hours
- Emergency Management: 177 Total hours
- Public Safety: 2181 Total hours
- Special Events: 1,205 Standard hours + 185 Overtime hours

Permits Issued

- 182 Convention Sales Licenses
- 83 locations
- 89 Liquor Permits
- 599 Taxi's at the Festival's commencement



Challenges

- Lack of resources (staff)
- Late/Incomplete applications
- Multiple inspections at a single location;
- Decrease in snow storage and staging areas in Old town due to festival expansion



Issues

- Maintaining a balance between protecting the festival and festival sponsors and allowing local business (Extended deadlines)
- Lack of resources to properly manage the additional non-affiliated activity during the festival
- The permitting of possible landing location for air transportation companies
- Transportation and Parking Issues



Water & Energy Conservation Program

July 2016 Update

PROBLEM

- Increasing the energy usage of city/community
- Reliance on fossil fuels and other sources of burning coal, oil and biomass

SOLUTION

Reduce the amount of energy used to treat and deliver water, invest in and implement renewable energy

- Save energy and capture efficiencies
- Create a renewable energy strategy and implement
- Communicate results and track progress

TIMELINE

SUMMARY

OPERATIONS

- Generate and harvest solar loans, Sustainable Energy Project Manager, Update on Stock and technologies to support

ASSETS

- Pump station, implementation, upgrades, Pumps, Sub-stations

RENEWABLES

- Solar panel Solar

Thank you!

Questions?
 Frequency of Council updates
 • Embedded in Energy Updates as needed?

MEET THE TEAM

First step: Buy in from all parties

UNDER THE HOOD

System Operational at Capital Projects

Renewable Strategy

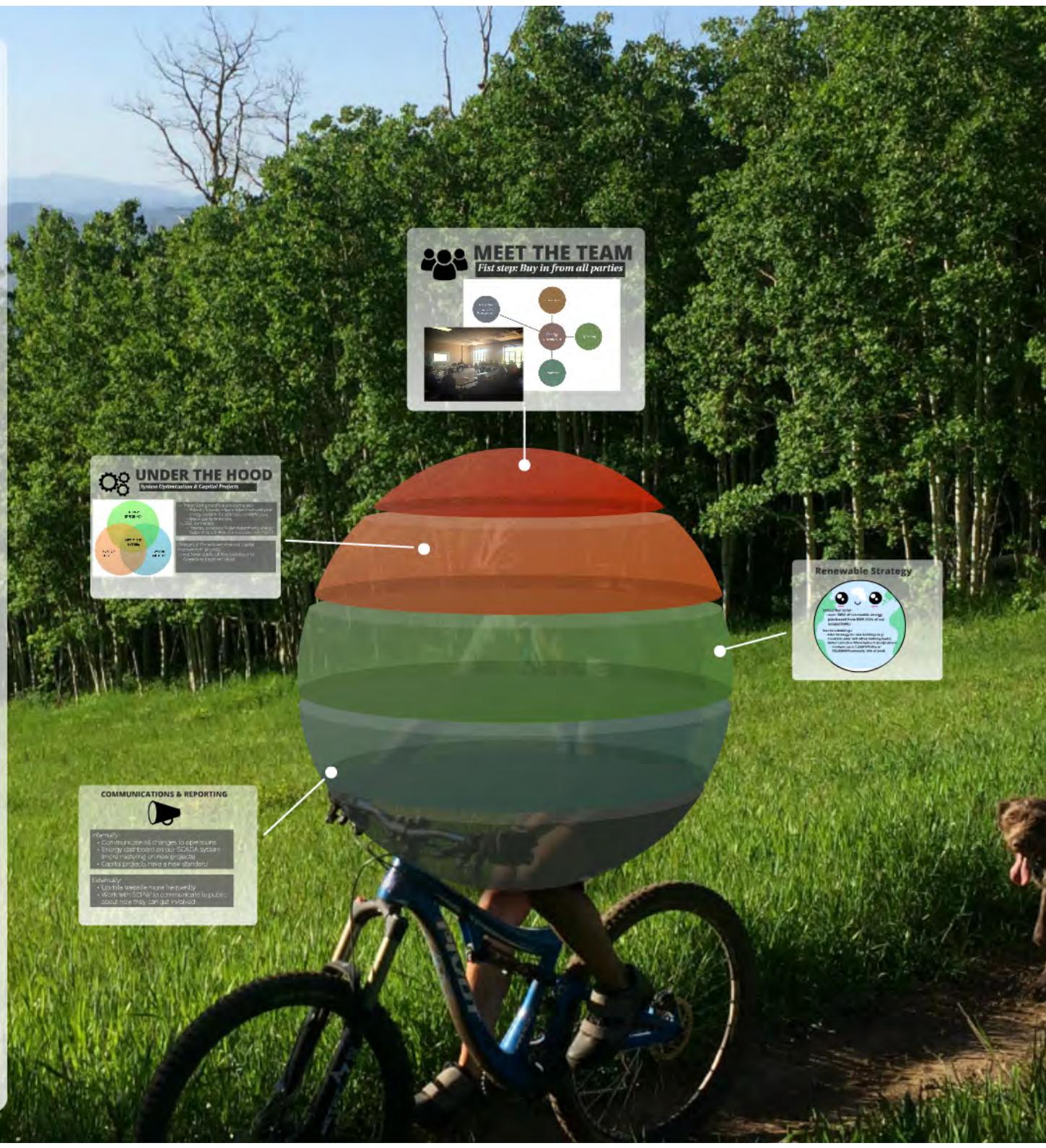
COMMUNICATIONS & REPORTING

Internally

- Communicate all changes to operations
- Energy cost based on our Click-Click system (more monitoring on main projects)
- Capital projects have a new standard

Externally

- Update website more frequently
- Work with CIPW to communicate to public about how they can get involved



Water & Energy Conservation Program

July 2016 Update

PROBLEM

- Increasing the size of our local community
- High costs to the community with little differing progress of local cost savings

SOLUTION

Reduce the amount of energy used to treat and deliver water, invest in and implement renewable energy.

- Save energy and capture efficiencies
- Create a renewable energy strategy and implement.
- Communicate results and track progress.

TIMELINE

SUMMARY

OPERATIONS

- Generate and harvest solar loans, Sustainable Energy Project Manager, Updated on Stock and technologies to support.

ASSETS

- Pump station and treatment plant upgrades, Pumps, Sub-stations.

RENEWABLES

- Solar panel Solar.

Thank you!

Questions?
 Frequency of Council updates
 • Embedded in Energy Updates as needed?

MEET THE TEAM

First step: Buy in from all parties

UNDER THE HOOD

System Optimizations of Capital Projects

Renewable Strategy

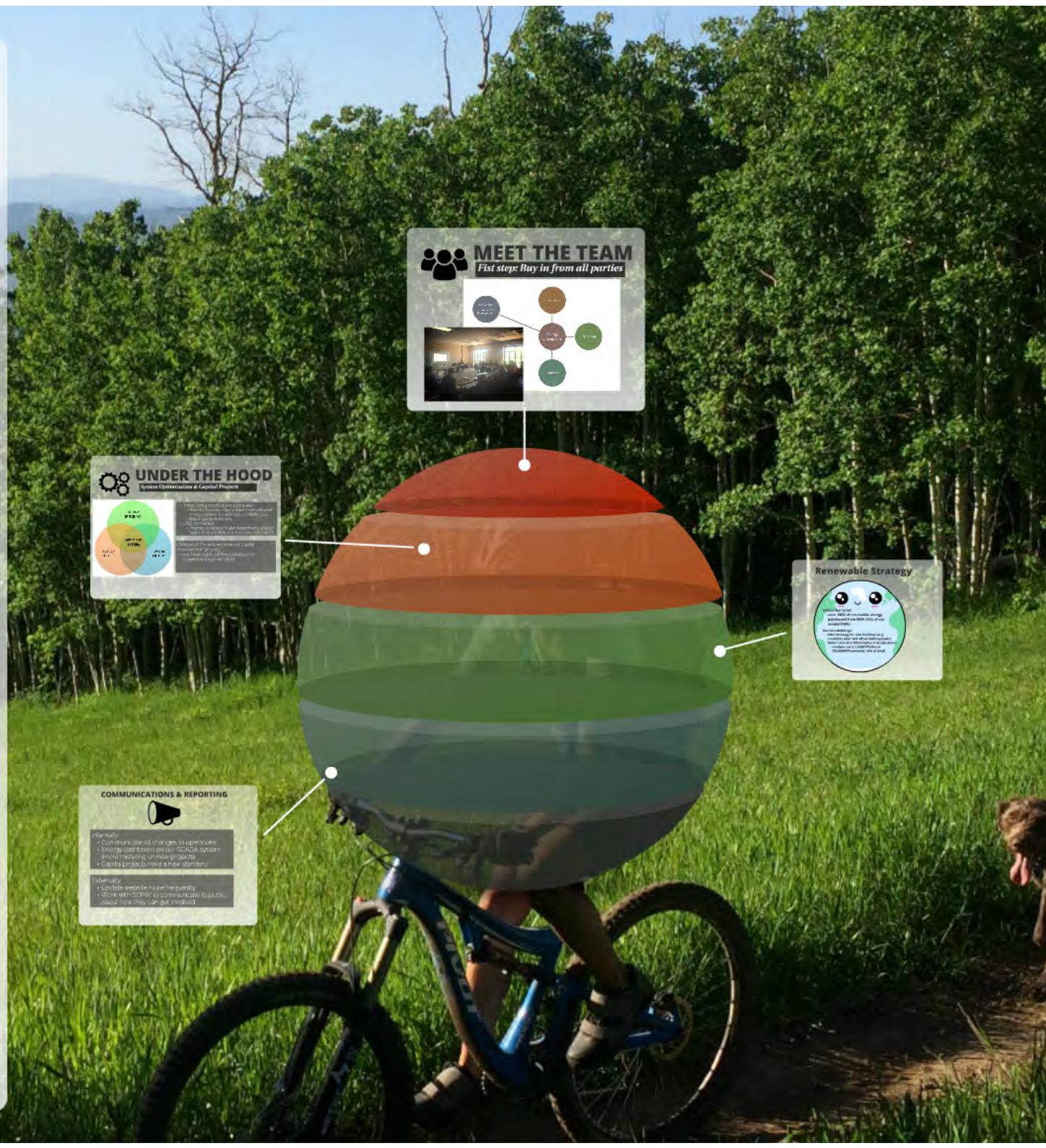
COMMUNICATIONS & REPORTING

Internally

- Communicate all changes to operations
- Energy cost based on our "Click" system (WMO modeling) on major projects
- Capital projects have a new standard

Externally

- Update website more frequently
- Work with BCMA to communicate to public about how they can get involved

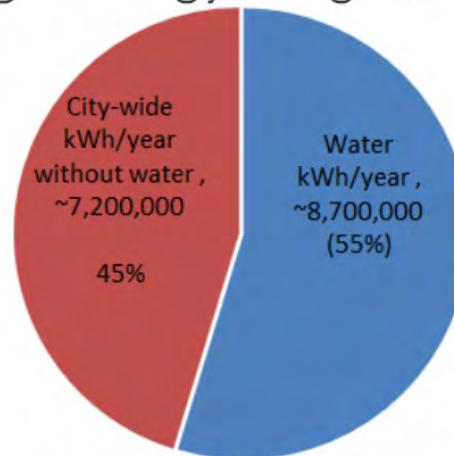




PROBLEM

- Achieving the 2022/2032 goal of city/community net zero is a multi-variable challenge with differing degrees of control and leverage.

Average energy usage 2012-2015





SOLUTION

Reduce the amount of energy used to treat and deliver water. Invest in and implement renewable energy



- Save energy and capture efficiencies
- Create a renewable energy strategy and implement
- Communicate results and track progress



TIMELINE

Three-Phase Roll-Out



Phase 1: Program Roadmap (December 2015 - March 2016)

- Analyze Current Conditions
- Set Program Objectives
- Develop Program Parameters

Phase 2: Development (June-December 2016)

- Increase Staff Capacity and Program Management
- Establish Progress Reporting
- Improve Water System Processes
- Manage Energy Use and Demand
- Develop Program Branding and Outreach
- Implement low cost, high return projects
- Join Rocky Mountain Power's Subscriber Solar Program

Phase 3: Launch (2017)

- Assess Buildings for Energy and Water Use
- Research Renewable Energy Options
- Establish Program for Consumers
- Develop a Water Loss Program
- Continue Program Branding and Outreach



2016
Footprint



Water and Energy Conservation Roadmap

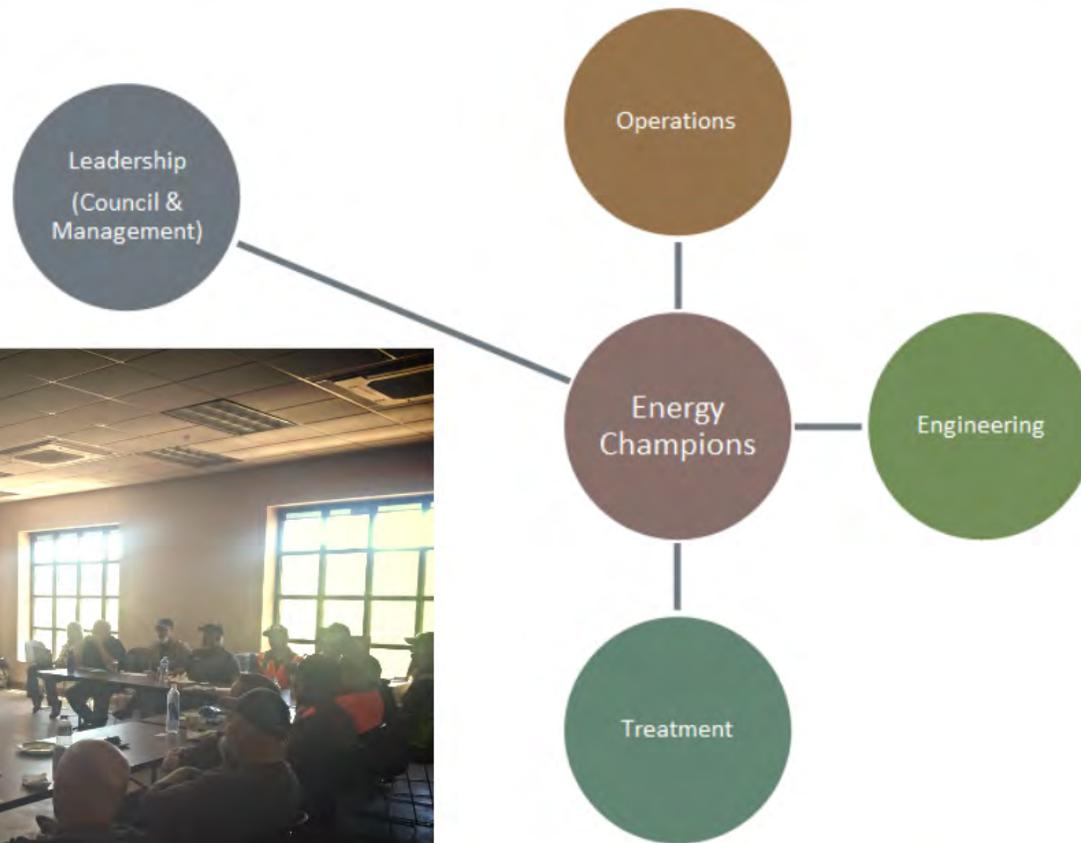
Throughout the program we'll have ongoing management, monitoring, and communications.

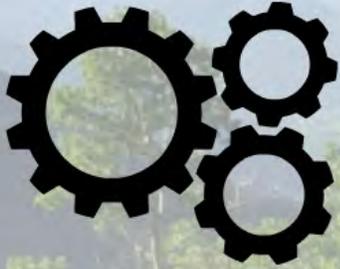
2026
Footprint



MEET THE TEAM

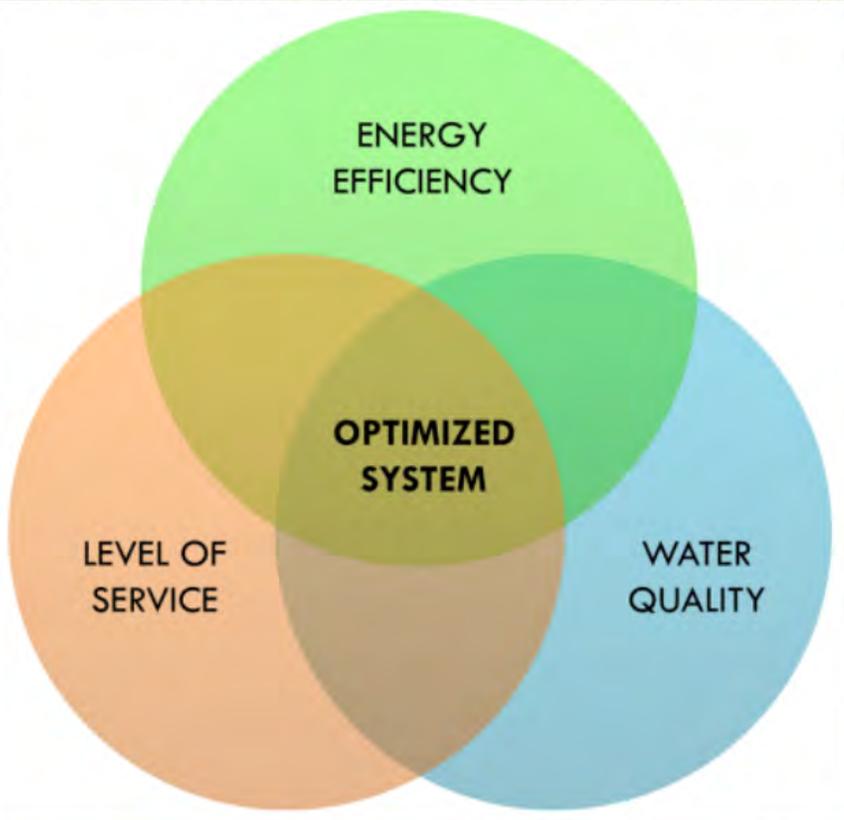
First step: Buy in from all parties





UNDER THE HOOD

System Optimization & Capital Projects



- Thiriot Spring modifications (Complete)
 - Potential to reduce Spiro water treatment plant energy footprint by 36% (138,000 kWh/year)
 - Water quality limitations
- JSSD connection
 - Potential to reduce Water departments energy footprint by 11% (800,000-1,000,000 kWh/year)

Changes in the way we view our capital improvement projects

- e.g. New public utilities building and Creekside treatment plant

COMMUNICATIONS & REPORTING



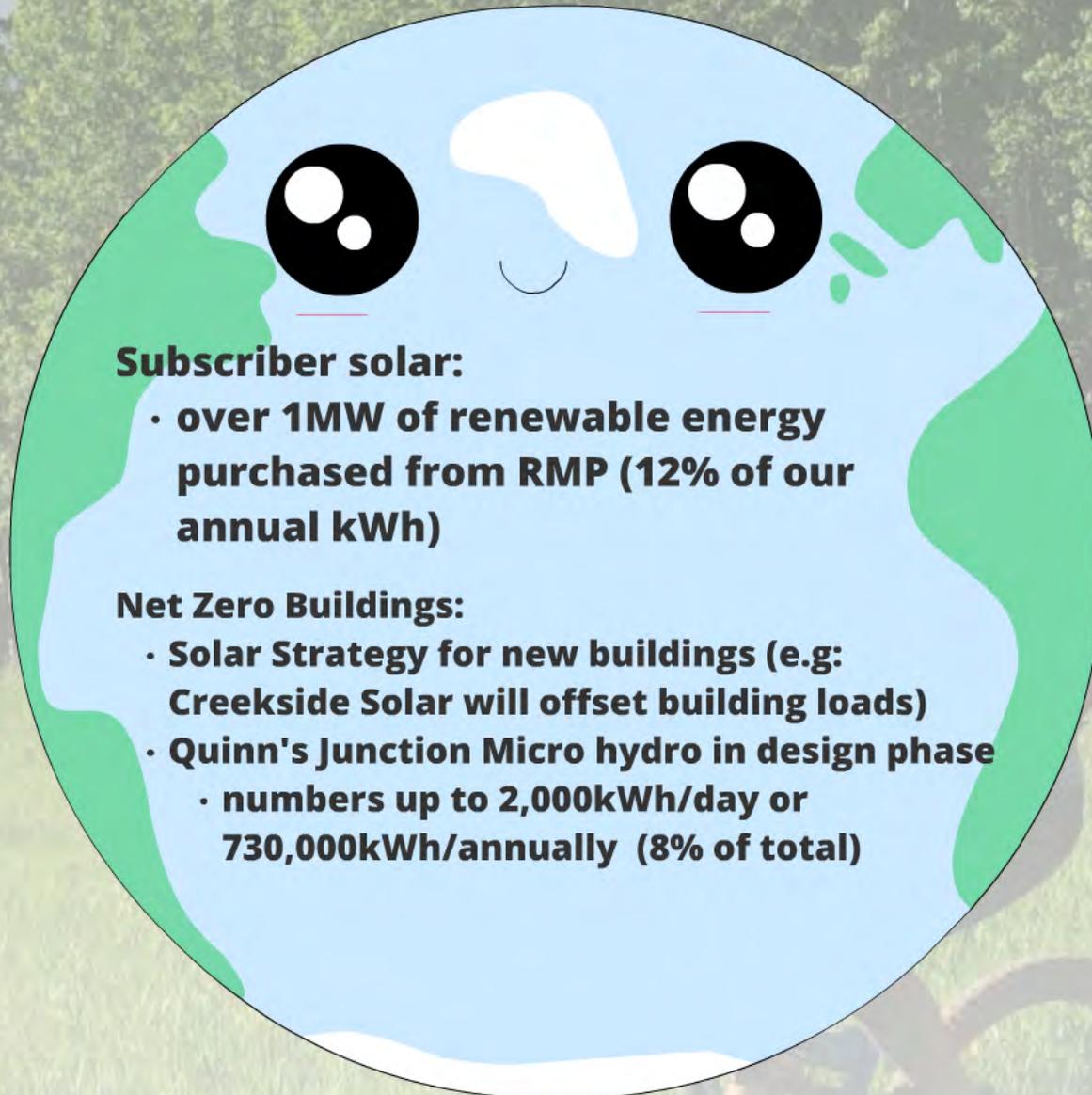
Internally:

- Communicate all changes to operations
- Energy dashboard on our SCADA system (more metering on new projects)
- Capital projects have a new standard

Externally:

- Update website more frequently
- Work with SCPW to communicate to public about how they can get involved

Renewable Strategy



Subscriber solar:

- **over 1MW of renewable energy purchased from RMP (12% of our annual kWh)**

Net Zero Buildings:

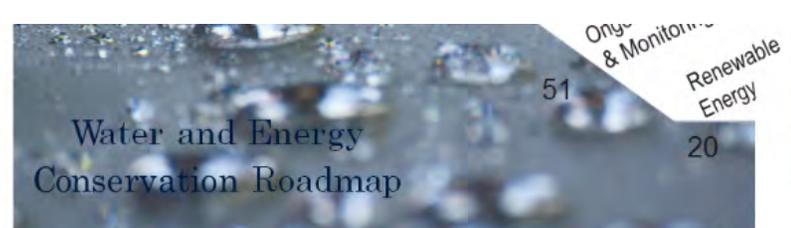
- **Solar Strategy for new buildings (e.g: Creekside Solar will offset building loads)**
- **Quinn's Junction Micro hydro in design phase**
 - **numbers up to 2,000kWh/day or 730,000kWh/annually (8% of total)**

Phase 2: Development
(June-December 2016)

- Improve Water System Processes
- Manage Energy Use and Demand
- Develop Program Branding and Outreach
- Implement low cost, high return projects
- Join Rocky Mountain Power's Subscriber Solar Program

Phase 3: Launch
(2017)

- Assess Buildings for Energy and Water Use
- Research Renewable Energy Options
- Establish Program for Consumers
- Develop a Water Loss Program
- Continue Program Branding and Outreach

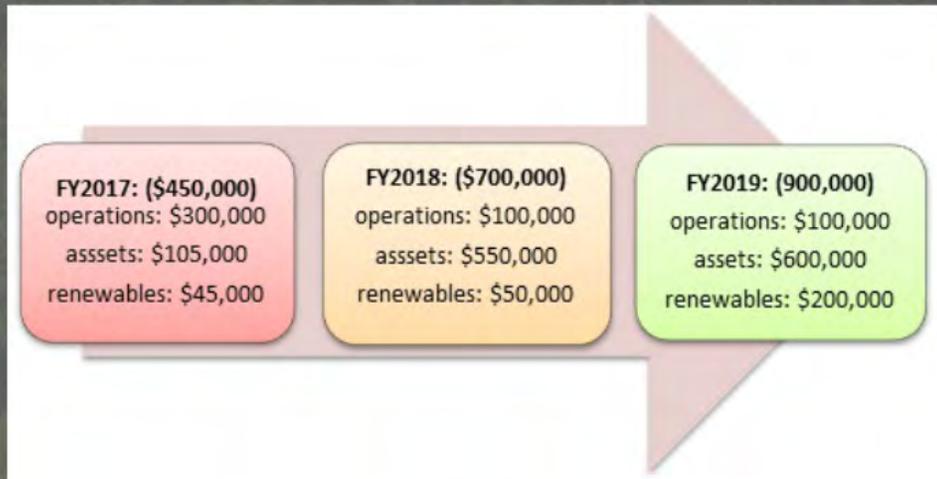


Throughout the program we'll have ongoing management, monitoring, and communications.

2026
Footprint



SUMMARY



FY2017:

OPERATIONS:

- Brendle and Hansen Allen Luce, Sustainable Energy Project Manager, Optimization Study and technologies to support

ASSETS:

- Pump station and treatment plant upgrades, meters / sub-meters

RENEWABLES:

- Subscriber Solar

Thank you!

A person wearing a white helmet and a dark shirt is riding a blue mountain bike on a grassy trail. The background is a dense forest of green trees under a bright sky. The image is semi-transparent, allowing the text to be overlaid.

Thank you!

Questions?

Frequency of Council updates

- Embedded in Energy Updates as needed?

Water & Energy Conservation Program

July 2016 Update

PROBLEM

- Increasing the size of our City Community
- High costs to the community with little differing progress of local cost savings

SOLUTION

Reduce the amount of energy used to treat and deliver water, invest in and implement renewable energy

- Save energy and capture efficiencies
- Create a renewable energy strategy and implement
- Communicate results and track progress

TIMELINE

Energy savings over time

SUMMARY

OPPORTUNITIES

- Generate and harvest solar
- Water and Wastewater
- Water and Wastewater
- Water and Wastewater

ASSETS

- Pump station
- Water treatment plant
- Water treatment plant
- Water treatment plant

RENEWABLES

- Solar

Thank you!

Questions?
 Frequency of Council updates
 • Embedded in Energy Updates as needed?

MEET THE TEAM

First step: Buy in from all parties

UNDER THE HOOD

System Operations & Capital Projects

Renewable Strategy

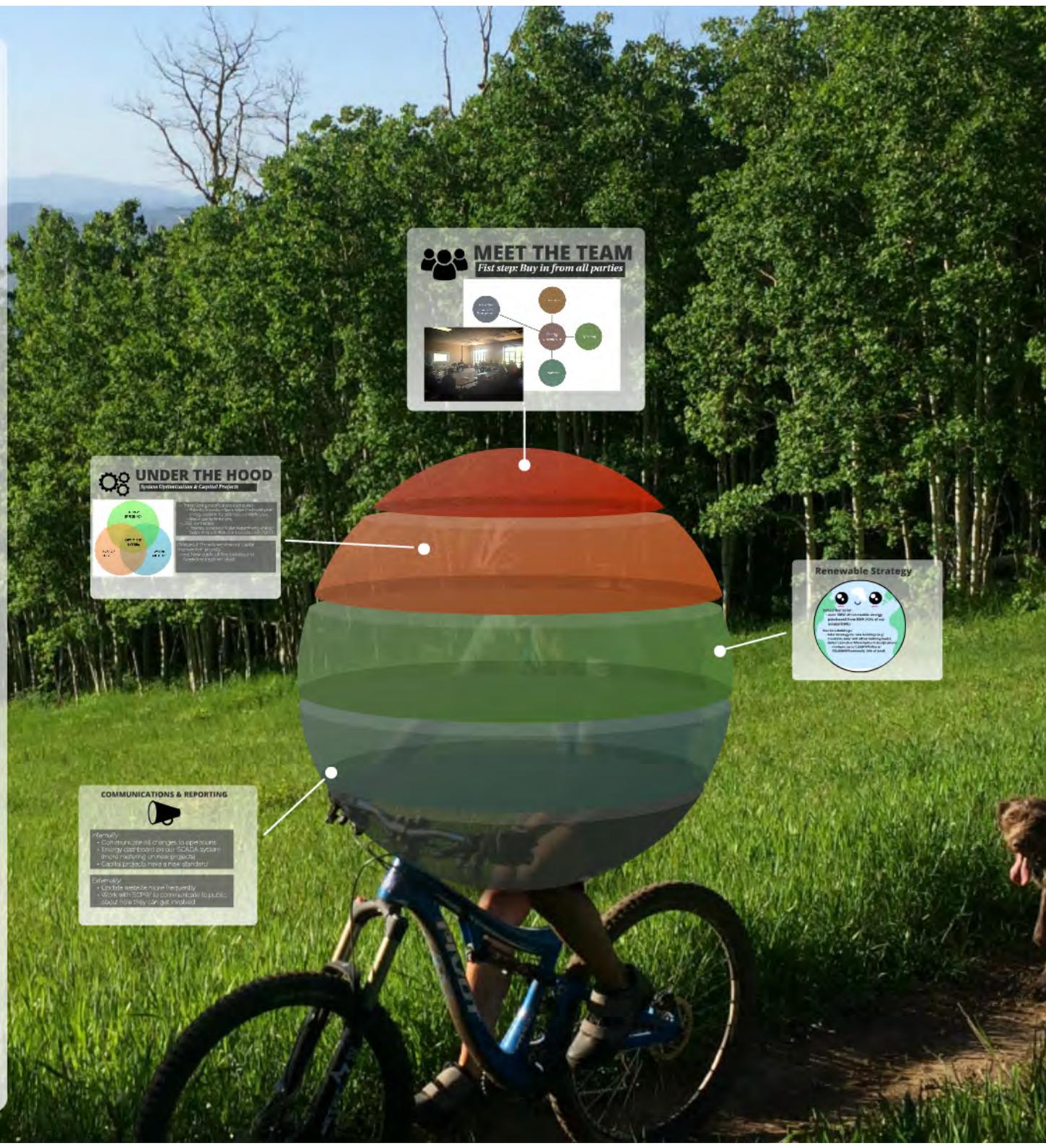
COMMUNICATIONS & REPORTING

Internally

- Communicate all changes to operations
- Energy cost based on our "Click" system
- Water metering on main projects
- Capital projects have a flow standard

Externally

- Update website more frequently
- Work with City to communicate to public about how they can get involved



CALIFORNIA COMSTOCK

City Council Staff Communications 7.21.16

Deterioration of the Site



1926



1977



2016

Conditions Prior to Repairs



Repairs as of June 16, 2016



Repairs as of July 19, 2016 - Exterior



Repairs as of July 19, 2016 - Interior



Before and Current Condition

