

**Minutes**  
Juneau Commission on Sustainability  
Wednesday, July 11<sup>th</sup>, 2018  
Downtown Library large conference room  
5.30 pm

Present: Duff Mitchell (Chair), Jim Powell, Jim Rehfeldt, Gretchen Keiser, John Smith III, Christine Woll, Steve Behnke, Tim Felstead

I. CALL TO ORDER - 1735

II. AGENDA CHANGES – Elect new Vice Chair

III. APPROVAL OF MINUTES

Regular meeting – June 12, 2018 - Minutes approved

IV. PUBLIC PARTICIPATION

None

V. ACTION/DISCUSSION ITEMS

A. Welcome to new Commissioners – Jim Powell, Jim Rehfeldt, and Iura Leahu have joined the Commission.

**B. Presentation by Zane Jones (MRV Architects) on Sitka Library remodel (tentative)**

Zane Jones was not able to attend but Jim Rehfeldt was familiar with the project. It was described how they were using the local maritime climate to provide cooling which means the air source heat pump used to supply heat is dedicated to heating only. This provides inherent efficiencies because the refrigerant used is designed for a more specific operation range. The Sitka project requires 35 BTU per square foot vs 61 BTU for a school or 81 for average libraries in Alaska. The Juneau Valley Library is 36 BTU and the downtown library is 186 BTU. 60 BTU is the average for typical house (based on T&H house study).

Jim Powell asked if there was a standard which had to be achieved. There is no standard. Tim Felstead noted CBJ building projects over \$5m had to achieve LEED standards but that did not completely translate into a highly efficient building but generally it did.

Steve Behnke mentioned commercial energy code. The 2018 code has a focus on cooling and heating – cooling is not necessary in Juneau's climate. Tim Felstead that this may change in the future but probably not greatly. Jim Rehfeldt noted that the cooling requirements can get extracted when CBJ review adopting the standards.

**C. Discuss the EV vehicle charging work and next steps – Duff**

Duff Mitchell described the work that was ongoing. Duff had presented at a First Things First meeting. There was a need to push for more responses to the EV survey/online comments. Renewable Juneau was trying to put some sort of proposal together to provide to the City.

**D. AEA letter –**

Comments had been sent by Michele Elfers of CBJ Engineering to AEA regarding State VW grant funding proposal. JCOS input was included.

**E. Downtown air quality – discussions with DEC –**

Gretchen Keiser had been speaking with Denise Koch at DEC. Apparently some money might be available for a monitoring program but nothing specific had been planned. Would begin with a high level screening program with inexpensive monitors. Would need to try and separate the traffic and ship emissions. Aim would be to look for hotspots where more accurate detailed monitoring is required.

DEC are available to present at a September meeting.

**F. Delivery of the Renewable Energy Strategy in terms of CBJ operations and community monitoring.**

Steve Behnke discussed that there needs to be an effort to get CBJ organization interested and 'onboard' with necessary changes. JCOS needs to stay focused. Steve would be doing more work on this for the forthcoming worksession.

**G. New meeting nights –**

Tim Felstead will send out a Doodle Poll

**H. Web Page Update –**

Christine Woll sent information to Marjorie Hamburger at CDD for the forthcoming website revamp. Will continue to work with CDD when Marjorie returns from leave.

**I. Elect new Vice Chair**

Steve Behnke was unanimously appointed the new Vice Chair.

**VI. INFORMATION ITEMS**

- A. Green Team - NA
- B. City Liaison Report – Nothing additional
- C. Items up for Assembly Action – Nothing additional
- D. Committee Reports – Nothing additional
  - i. Solid Waste
  - ii. Energy
  - iii. Outreach/Accountability – Future talks June.
  - iv. Food security

**VII. COMMISSIONER COMMENTS - None**

**VIII. ADJOURNMENT**