

# Ada County Mapping Co-Operative Special Interest Group (SIG)

## Meeting Minutes

September 21, 2017

9:00 AM to 10:30 AM

Location: Boise Depot at 2601 W Eastover Terrace, Boise, Idaho

## Attendance:

- Katey Jones
- Chuck Spencer
- Hunter Mulhall
- Emily Dixon
- April Wing
- Stephen Hulbert
- Brett Sergenian
- Hannah Burgard
- Eric Buehler
- Doug Watson
- Eric Adolfson
- Gail Jorgenson
- Ken Pidjeon
- Kevin Smith

## Minutes:

Meeting opened at 9:00 AM.

Chuck Spencer motioned to approve July's minutes, Hunter Mulhall seconded. Approved.

## Announcements

Next Meeting is at the Ram in downtown Boise on November 16<sup>th</sup>, 2017.

Chuck Spencer at ACHD is looking for a GIS intern.

April Wing is looking for volunteers for Map Mania on November 18<sup>th</sup>, 2017. If you would like to volunteer get ahold of April or Karla (City of Boise).

## Upcoming Training Opportunities or Conferences

**Northwest GIS User Group Conference** – October 9<sup>th</sup> – 13<sup>th</sup>, Boise, Idaho

## Presentations

### **Kyle Rosenmeyer, Public Works Engineer with City of Boise and Emily Dixon Fire Data Analyst – Presentations on City of Boise Geothermal Heating District**

- Geothermal is heat energy that is generated and stored deep in the ground/Earth. There are three types of energy high pressure, low pressure and ground source. The two closest geothermal power plants to Boise are the Raft River and Neal Hot Springs. The City of Boise is a 180 degree energy use. In 1891 the Base Water Works Company built the first geothermal district in Boise. In 1930 Edwards Greenhouse was the first commercial property to use geothermal. In 1970 Boise Warm Springs Geothermal District was formed. In 1982 the State of Idaho uses geothermal to heat the Capital Mall. It is the only Capital in the U.S to use geothermal. In 1983 the V.A building joined the geothermal district. In 1988 the City of Boise purchase the geothermal system. There are three production wells located in Boise's Military Reserve and the injection wells are located at Julia Davis Park. The Warm Springs Geothermal District has no injection points since it is an old system. The V.A and Capital use a two-way pipe system. When the City decided that they needed to start mapping the system, they used GPS's. Now they contract a pilot who flies over the downtown in the winter time. The pilot uses a camera (aerial thermography) that picks up the heat from the

geothermal pipes. They map pipes in GIS by digitizing over the aerial imagery. This imagery also helps the city find leaks in their system and helps plan their CIP projects.

## Closing

- Meeting adjourned at 10:30 AM.
- Next Meeting November 16<sup>th</sup> at the Ram. There will be more information emailed when the date is closer.