**ACCG Monitoring Meeting**

Wednesday, May 8, 2019

8:56 AM

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| **TIME** | **AGENDA ITEM** | **PRESENTER(S)** |
| 9:00 am | **Agenda Review, Action Item Review, Regroup*** + Next meeting – May 2019
 | **All** |
| 9:15 am | **Evaluate monitoring plan to make sure we are meeting the CFLR*** + Follow up from April meeting – do we have a good balance between qualitative and quantitative assessments
	+ Discuss needs for 2019 ACCG monitoring funding
 | **All** |
| 10:00 | **Follow up on ACCG Large Landscape Analysis Call on May 7th*** + Who? What? And Why?
 | **All** |
| 10:30 | **Summer Field Work/Volunteer Events (see below)** | **All** |
| 10:50am | **Roundtable, Adjourn, Agenda Development for Next Meeting** | **All** |

Attendees: Shana Gross, Gwen Starrett, Mo Loden, Becky Estes

Evaluate monitoring plan to make sure we are meeting the CFLR

* Qualitative and quantitative assessments are both important to focus on
* Follow up on the report out for the CFLR
* Photo point qualitative monitoring that we need to kick off
* All of the metrics that we need in the report are captured in the monitoring database - qualitative
* Planning the field trips so that we accommodate the photo point monitoring moving forward

**Photo Point Monitoring Protocol**

* Metadata to Collect: Project Name, Direction, GPS Point, Camera Orientation, Type of Project, Landmarks in the Picture, Height of the Observer, Navigation to each photo point, time of day, zoom
* Becky started developing a protocol and will try to locate where this lives
* Choice of camera might not be as important
* For our purposes it doesn't matter as much who and what takes the photo it is really about making sure we are capturing the images
* Can be used to support quantitative data but not really for an analysis
* American Rivers Projects - Mo does a lot of photo monitoring for this effort
* Most important to repeat the same photos in the same places
* Stored where people can access them easily
* Would they be permanently marked? Probably not.
* Implement on the Power Fire at some point this summer – probably on the field trip in June
* Might be able to use funds to buy equipment to support this effort (camera, tablet, etc.)

**Monitoring Work for 2019 and Funding**

* Range monitoring work for the 2019 season – others may want to tag along on this
* Augers might be a need for the monitoring work (maybe funds can help buy these)
* Should we use this method for Upper Onion - three meadow project
* Foothill Conservancy has been bringing this up in the discussions on the Three Meadow project as the impacts from cattle might be important to document
* Range monitoring is really documenting the long term trends over time
* We need to determine our objectives for this project – maybe this protocol isn’t necessary
* May not be the appropriate tool for this work since it doesn't address utilization
* Utilization work might document grazing on restoration efforts – maybe employ this
* Suggestion GPS units/cameras - Amador District/Calaveras District - tablets may not be option
* Make sure to identify additional funds for the red fir work moving forward (6K)
* Other funds will be used to complete post treatment monitoring

**Summer Field Work**

rover Hot Springs Park - October 19 9-12:30 planting along the ADA trail – send this along to Regine for posting on ACCG website

Caples - talk to Lester about the days for this volunteer effort to get it on the ACCG calendar

* Have to be supervised by a B feller so need to be coordinated with the district

Three Meadows - Boy Scouts might be able to come out and help with conifer removal

Consumnes relocation of Ecology plots - September Date – this would be another ACCG monitoring group effort

Power Fire - variable density plots photo monitoring - June Date before it gets to hot

**Other Efforts/Task List:**

* Ground water monitoring for Indian Valley - citizen science – might be good to take a look at this and see if it is useful
* The district stopped monitoring due to funding?
* Might need to collect this data and see what we have that could
* Doesn't show any difference in Climate Engine - use this to determine success of Indian Valley - a simple report
* Avian monitoring and some vegetation that is happening in Indian Valley
* It would be great to pull this all together and to a short write up for this project

**Adaptive Monitoring**

* Power Fire plantation work was presented at the last planning meeting (11,000 acres of treatment beyond the reforestation work)
* How was the Ecological Framework being utilized? Was it utilized? Is new information that is available also utilized?
* Pre-Scoping document has been sent out - PCT and mastication etc.
* Ben has suggested some clumped thinning maybe could use some of the techniques applied on the SOFAR (Hwy. 50 landscape)
* Is there any RX fire in the pre-scoping document?
* LiDAR data - can we use this information on the planning?

**Task List**

* Have planning group arrange field trips so that photo point stops are considered (Gwen)
* Developed a photo point protocol and revisit what was already done (Becky)
* Five year monitoring report (Becky to ask Kendal)
* Check on tablet purchase (Shana)
* Contact Liz at the STF county to make sure second contract is happening (Becky)
* Follow up with RSL on LiDAR processing (Becky and Shana)
* Follow up with Helen on whether she is organizing volunteer day to relocate Consumnes (Becky)
* Check with district on Power Fire Variable Density at planning meeting – when would be a good time to get out and retake photo points – need a district person to go out with us (Gwen)
* Amphibian Watch ask Traci if this is going to continue (Becky)
* Flier for the Grover Hot Springs Park - send to Regine (Mo)
* Share the ground water monitoring data for Indian Valley (Mo)
* Indian Valley Meadow report on information that we have available (All)
* Check in with Amador District on the project proposal for the Power Fire(Becky and Shana)

**Carryover**

* Need to add Beverly Bualon’s monitoring, bee monitoring for Upper Onion, regional bird monitoring into database

**Future Meetings/Volunteers Opportunties**

* Workshop/Seminar on FireBat/FireBird from Point Blue – Zack
* Cosumnes veg. plots – Will Shana and Becky have time this summer? Helen is starting to transfer data into GIS and interested in how to move forward. Need money for a project coordinator. Goal for this year - field trip and relocation activity. Volunteer activity is to look for plots. **Helen** is interested in looking into funding and project design in future years. She will send out info to group.
* Power Fire – 2019 Field trip to photomonitor. It has been site prepped, planting not until fall. Veg monitoring would be 2020.
* Panther – Will not be until 2020 or later
* Upper Onion, Tyler – Conifer removal – meadow boundaries and meadow footprint is ongoing in 2019. Once conifer removal is complete, then you can do monitoring and look at post conifer and pre-hydrology in 2020. Monitor in 2022 for both treatments.
* Power Fire bumblebee – Last year of monitoring. Will be getting post-treatment on some of the herbicide treatments. Difficult to have volunteers because it takes a lot of training. Set up a field day to tag along with crews.
* Bumblebee monitoring in meadows – Foster. May be a year of monitoring within the Plumas Corp. grant. To do – add bee monitoring within Foster and Upper Onion to our database. **Becky** add wildlife to Foster and Upper Onion.
* Little Indian – Pre-project bird monitoring point counts. Helen has conducted these surveys.
* Amphibian Watch – will that continue? **Becky** will check with Traci.
* Amphibian Surveys – **Alissa** will she be monitoring in 2019 if NFWF grant is funded.
* Foster Firs – Hemlock ongoing, Foster will not be completely treated by 2019.
* Range monitoring – **Shana** will let Gwen and Helen know when Tahoe range monitoring is happening so they can learn those techniques to bring to their meadow restoration projects. Based on frequency monitoring – what is remaining, species composition. Keep Alissa in the loop.