**Raccoon Creek Partnership Technical Advisory Committee Meetings**

Wednesday, November 1, 2017 9:00 AM – 11:00 AM
Zaleski ODN DMRM Office

Meeting Facilitator: Amy Mackey, Raccoon Creek Watershed Coordinator

In attendance: Jeff Calhoun, Amy Mackey, Sarah Cornwell, Ben McCament, Abby Costilow, Emily Keil-Loudner, Kaabe Shaw

1. Begin meeting – Welcome, Introductions
2. Review/Approve previous Minutes
3. General Watershed Coordinator Update
	1. landowner ROEs for sampling sites
		1. We are contracted by ODNR to do the monitoring so we don’t need to send to state sites
		2. Contact Katrina or Will about WNF sites
		3. All private landowners have been sent a letter and ROE to sign and return
		4. We will send a follow-up post card in January
4. General RC Water Quality Specialist Updates
	1. Sarah had no update
5. EPA TMDL Sampling update (EPA not in attendance, but Kelly provided updates via text)
	1. EPA was doing additional fish passes in Hewett Fork and several other sites in 2017
		1. Jordon wanted to repeat sites here
	2. Will get a hold of Kelly for update
		1. Kelly just working on TMDL plans
		2. Target for finishing TMDL plans: Summer 2018
		3. Will be reviewed before release
			1. For project’s sake review material with the project in mind
6. Waterloo Updates
	* + 1. Current lease will expire in December 2018
			2. Decision on moving will be up to board members
				1. Board elections for 6 of the members is at Annual Meeting on November 5th
			3. Waterloo Aquatic Center rent will be $200 a month if we want to continue the lease (most likely will not)
			4. House on the property is unusable (no utilites), rent would be $600 a month
			5. Storage of RCP equipment and supplies remain main concern when lease is up
7. Raccoon Creek Monitoring Review (2017/2018 chem and 2018 bio)
	1. Raccoon Creek Chemistry (year 1 of new 2 year monitoring schedule):
		1. What Amy & Sarah have left:
			1. **Pierce Run** 🡪 final monitoring event
				1. Note: Pierce Run project not functioning nor impacting Pierce Run
				2. Keeping it maintained in case needed for treatment
				3. Last reporting
			2. **Middleton Run 🡪** have this year and next year left
				1. Will sample soon, it’s been too dry to sample
			3. Depending on weather, do high flows in December or early next year
			4. Not much chemical monitoring done this year
				1. Due to quantity being less than normal
				2. Not behind on monitoring
			5. Did not put monitoring in contract for Flint Run or RC East Branch because they are being maintainted
				1. ODNR will do post project maintenance
		2. What Jeff has left:
			1. **Flint Run** 🡪
				1. 7 sites high flow (winter)
				2. 1 site low flow (spring/summer) for stream health report (FR0126)
			2. **Lake Milton** 🡪
				1. 6 sites high flow (winter)
				2. 1 site final discharge for stream health report (spring/summer)
			3. **East Branch 🡪**
				1. 10 sites high flow, 1 site low flow

5 slag beds, 2sites/bed

No phase 3

NOTE: Amy and Jeff will double check sites

* + - * 1. Flint Run Burns 🡪 high flow
				2. Oreton
			1. **Note:**
				1. Illesboro 🡪 RCP has funds to monitor if get OSM grants

Won’t be anyone’s task until 2019

* + - * 1. Daniels Run 🡪 RCP does not have funding to monitor
	1. Leading Creek Chemistry (Jim Freeman)
		1. Completed low flow monitoring
		2. No lab results yet
		3. Jeff will send to Jim to input
	2. Possible switch from Cambridge lab to EPA lab
		+ 1. Electronic data transfer needs to be possible with EPA before the switch
				1. Should be done before the first of the year
				2. Continue procedures as normal for now
			2. Major changes when sending to EPA:
				1. Notify when sending samples
				2. 30 day return time on sampling
				3. EPA might start supplying jars but not buffering materials
				4. Pay per sample
				5. EPA can’t do ferris iron
	3. Raccoon Creek Biology
		1. No Raccoon Creek biology in 2017 (except Sandy Run)
		2. 2018 Raccoon Creek and Thomas Fork
			1. MAIS and IBI/QHEI
		3. From here on out:
			1. MAIS every other year
			2. Fish sampled once every 4 years
			3. Stream health report once every 2 years
			4. Will get into a 4 year cycle so that all data will be from same year for reporting
			5. Will wait to get TMDL back and get plan going
			6. A good goal would be to do it all in 2018 to start cycle
1. Maintenance
	1. Raccoon Creek/OU responsible for Pierce Run and Carbondale Doser maint
		1. Keep up with weekly maintenance at doser, wheel cleaning, channel cleaning, etc.
			1. Doser channel needs to be cleaned
				1. Backing up into doser
			2. Sarah sent out doodle poll for preferred days
			3. Need to update maintenance tracker! This is how Ben will report on maint tasks completed.
			4. Carbondale Maintenance Project Concerns
				1. Repairs under inspection

Doser mechanism was supposed to be replaced and it was not.

Payment is being withheld

Gate and paint look ok, doser is still functioning.

Hatch still has to be examined (will climb Dec 12)

* + - 1. Deliveries
				1. Do two refills before Christmas at Carbondale (one complete, one in December)

Slide to stop lime is working!

* + 1. Flushing Valves at Pierce Run (October 12th)
	1. Leading Creek having encroachment issues of channel of their doser (i.e. Willows)
		1. May not be an issue?
	2. Leading Creek maintenance tracker issues
		1. Can Jen add Casto Doser
	3. Leading Creek 🡪 Wisteria
		1. 1980s reclamation projects 🡪 NRCS RAMP
			1. Wisteria: Little Leading Creek Project
		2. Wisteria doing projects and want reclamation info
			1. Meigs county, Scipio township
			2. Kaabe said he’d look into this
		3. EB 🡪 need to get rest of info to Nora/Jen
	4. Concerns: East Branch projects 🡪 some things can’t be maintained until things such as valves fixed
		1. EB Phase II Kern Hollow (slag bed)
			1. Needs to be maintained more regularly
			2. Things get clogged somewhat regularly
			3. lines from source pond to sand filter needs flushed
			4. Amy went over with Cathy in spring
			5. Possibly not maintained since April
				1. Hard to tell
				2. Maintenance tracker is not being updated
				3. Data needs to be updated when gathered
			6. Currently very few functional slag beds, we need to maintain them to ensure they keep working until 2018 maintenance
		2. NOTE: Update maint tracker for projects that are not maintained due to repairs in process so everyone knows
		3. EB phase I site 8
			1. functional but low flow
			2. Almost all slag needs replaced
		4. EB Phase III 🡪 abandoned
			1. Beds clogged
			2. Could be rehabbed if needed
	5. New Leading Creek doser, Casto, not in tracker
	6. Jim and Kaabe 🡪 Make detailed list of what they want done
		1. Kaabe: 6 projects
		2. RCP: 2 projects
		3. Cathy: 2 EB 1&2 (5 sites really)
	7. Make sure to have open communication about maintenance and that everything gets done
1. AMD Project, Maintenance, and funding updates
	1. Current projects
		1. Daniels Run 🡪 not complete this year
			1. Bad weather
			2. Winterize
			3. Temporary seeding
			4. Won’t finish until next spring/summer
				1. There was slip 🡪 not stabilized yet
				2. May try and move channel to right to make slope more gentle
		2. Amy wrote OSM report
			1. Grant has post-construction monitoring as Fall 2017
			2. Completion data for OSM as 12/31/2017
			3. Will have to get extension
			4. ODNR will do post-construction monitoring
			5. Extension 🡪 October 2018
				1. End of fiscal year
		3. Flint Run 🡪 Maintenance
			1. Discharge going the correct way?
				1. Kaabe will examine
			2. Slag bed, roads and valves look great
	2. Funding
		1. Illesboro 319 grant is active
			1. Funding for Elkin and Jennie to work on RCP website
			2. Illesboro pre-bid Nov. 7
		2. Still waiting on OSM grant decision. Grant was submitted in fall 2016
		3. Kaabe working on projects for Lapp’s property (Hocking County Reclaim). Will be on the shelves and ready for future project funding.
2. Student Work in Raccoon Creek
	* 1. Brooke- Looking at low head dam removal
			1. Big Sandy Run low head dam
				1. Zaleksi permits attained to conduct sampling
			2. Fish sampling within index period
				1. Downstream sites: 12 spp.
				2. Upstream sites: 4 spp.
			3. Macroinvertebrate sampling just outside index period but completed
			4. Sediment Sampling
				1. pH 6-7
				2. physical parameters
			5. Working on:
				1. Digestion of sediments
				2. ID macroinvertebrates
				3. 9 element plan
				4. Looking for NPS 🡪 possibly invasives
				5. Looking at contractors and cost estimates to remove dam

Possibly US Fish & Wildlife grant

* + 1. Jennie:
			1. Working on getting written permission from landowners to sample long term sampling sites
				1. Raccoon Creek only
				2. Sent out right of entry and maps to landowners

Sent 40 letters, consisting of 4 different types of letters

* + - * 1. Hopefully, we will be able to keep all sites
				2. This will also keep landowners updated
				3. Not sure what to do if entry is denied or if they do not respond
				4. EPA did same thing and had great success, but also went door to door
				5. Most permission up to this point was verbal and years ago
				6. This only includes private landowners, not state or federal land
				7. Abby will contact Katrina at the Wayne about who to contact at the Wayne
				8. Ben says to not worry about sending stuff to the state
			1. Working on landowners who we want to put the water trail signs on their property
1. AmeriCorps Intro/Brief Upcoming Events update
	1. Annual dinner on Nov. 5
	2. Going to different events with augmented reality watershed sandbox
		1. Between the new live stream table and watershed sandbox, interacted with over 2000 students!
2. New Business/ Announcements
	1. Funding: AML grant
		1. Projection 2018: $11 million
			1. Goal: $15 million for Priority 1 Maintenance
			2. Would need $20 million for all Maintenance
		2. Projection 2019: $12-12.5 million
		3. $9.8 million in set-aside now
		4. How many projects for 2018 and 2019?
			1. 2 (Ilesboro, EB Maint) potentially 3 🡪 $12 million
	2. Reclaim Act
		1. Probably won’t pass
		2. Would make $1 billion deficit
	3. MRM feedback on where SWCD need watershed coordinators

Next TAC meeting Date: February 21, 2017