Swatara Watershed Association, 1110 Facebook Likes 11.7.2018

Welcome. In attendance: Mike Adams, Fred Folmer, Ann Lasky, Jo Ellen Litz, Ben Miller, Denny Miller, and Jack Stouffer.

Secretary's Report: **The Secretary's report was emailed, will be posted on-line, and unanimously approved on a ___B Miller and Folmer__ motion**. Further, on a Stouffer and Folmer motion, Tom Embich will be reimbursed $56 for water tests.

Treasurer's Report: Denny Miller's report was approved on a **Stouffer and Embich motion.**

COMMON ENEMY RULE: And I always thought of water as my friend.
https://www.facebook.com/joellenlitz/videos/10216309847314196/

1929 BBR--Tom Embich— Thanks to all who helped clean up the Park! If abandoned, notify Reazer about remaining Four Winds camper. Emphasize that there is NO cutting of live trees. Also, due to the Ash Borer, Spotted Lantern Fly, and other pests, no wood may be brought onto or taken from the campsite. This includes pallets, which contain nails, and could contain invasive pests. Tom still needs to notify Charlie Dresh, MetEd, about the eroded crossing to service their wires on the west end.

Projects Available: Replace well roof (we have three bundles of shingles), Floating dock; stabilize bank.

Bordner Cabin Thanks to everyone—Fred, Beth, Willow, Jo Ellen, and a new friend who happened by who helped to clean out the Cabin. This section of Old State Road/Bear Hole Trail is still closed to the public. Met with Red Horse active and retired engineers. Awaiting word as **a possible training exercise**. **There is an application process. The Red Horse is to facilitate completion of the application**. Jo Ellen inquired as to whether they need anything from SWA. Grant ap submitted to help with costs.

Mike will apply for the General Permit to repair the flood damage at Bordner's Cabin with the Lebanon County DEP Engineer, Michael Pedrick.

The original 2014 General Permit can be used to repair the areas restored or rebuilt during the restoration project of that year. The areas effected would be the washout/undercut below the concrete slab and piers (under the porch) and the stone wall rebuild on the Route 81 side of the cabin.

The building of a new stone wall (13.00'=/- x 4.00'+/-) in the area of the 50.00' of wall that was destroyed in the flood would require a new permit.

An Emergency Permit was ruled out. Although issued within 24 hours of the submission of the permit application information, there is a 60 day completion deadline with no possibility for extensions if needed.

A General Permit would allow a longer completion time and cover the level of repairs proposed. Since a new General Permit is needed for the one project, Pedrick suggested including the work at the
2014 restoration by attaching a letter to the application stating the emergency repair would greatly reduce the permit review time.
There are some aspects of the permit application that will require research--the PDNI Receipt. The Pennsylvania Natural Diversity Inventory (PDNI) Environmental Review is based on a DCNR report. Swatara State Park might have this information on hand. It might also be included on the 2014 Application.
Mr. Pedrick will forward additional links and resource information to complete the application. The General Permit allows more time for completion and the potential of future permit coverage should we need to rebuild the areas again.

Projects Available: **Mike, estimate.** Restore spokes in two wagon wheels; porch bench; chimney repair; walkway replacement; driveway, under porch; **2 Amish solar lights.**

Bridges:

Eagle Scouts/Interns: **Nabeel Rangoonwala (Troop 65**) power washed and stained the office porch. Eagle Scout Hall of Fame album on Facebook: https://www.facebook.com/pg/Swatara-Water-Trail-86311524094/photos/?tab=album&album_id=10151572544779095

Flooding: VOAD established—Volunteers Offering Assistance after Disasters.
https://www.facebook.com/LebanonCountyVOAD/ Please report your loss at https://helpdesk.lcdes.org . 150 homeowners were contacted. To date, six basements were cleaned out and treated for mold.

Lebanon Water Authority: Referred an inquiry from Tiffany Miller concerning purchase of the Old Forge Mansion at Christian E Siegrist Dam. Per Jon Beers, a spring auction, maybe in May, is being planned.

Little Swatara: Fred Folmer reports an event hosted by the Bethel Berks Environmental Advisory Council on November 14 from 6-8PM run by Brooks Mountcastle from the Appalachian Trail Conservancy.

LV Conservancy: Bob Arnold informed members

MS4: Tom Embich reports his presentation at the Township Supervisors conference went well. He restated that DEP changed the rules to expand the storm sheds to include all over the road run-off , not just water entering storm drains.

Quittapahilla: Ann Lasky said the kids enjoyed the pumpkin walk on October 26. It didn't rain until 9PM. A $2 donation was received for a glow necklace. A total of $200 in donations was received. November 7, LVC students will return to help mulch the trails from 9AM-noon.

Pipelines: Atlantic Sunrise needs to complete work on farms. Sunoco is on hold.

Rail Trail:

RSVP: Please complete your forms for Jo Ellen to validate, and send in mileage and your time. Fred donated a $35 check he received for mileage reimbursement.

Sojourn:

SRBC: WATER QUALITY MONITORING STATION is installed @ 1929 BBR. The data is being displayed on the RWQMN webpage. https://mdw.srbc.net/remotewaterquality/data_viewer.aspx SRBC posted the video Jo Ellen created.
https://www.facebook.com/joellenlitz/videos/10216680970112034/

Swatara Food & Brew Weekend—

Visit Lebanon Valley Outdoor Guide is done.

FEMA 10-year floodplain map link for review and comment:
http://www.arcgis.com/home/webmap/viewer.html?webmap=c7c19ef8fa384660ba320823e0f0ac9d&extent=-76.8576,40.1983,-76.0144,40.5556

Water Trail: 180 tires dumped at Swopes Valley Road launch in Swatara State Park ☹

POWR has a new website to feature the Water Trails.

Swatara Water Trail Managers report to measure the same parameters on each Trail--by Ben and Jo Ellen:

a. Number of public access points – 20
b. Length of time of navigability – 11 months with proper equipment, ie wetsuits
c. Availability of overnight trips – 3 campsites (Jonestown KOA, Swatara Watershed Park, and HersheyPark Campgrounds)
d. Connections to land trails – 5 (Appalachian Trail, Horseshoe Trail, Lebanon Valley Rail Trail, Schiavani Park Trail, Swatara Rail Trail)
e. Currently in contact with adjoining water trails – 1 (Susquehanna)
f. Connections to towns – 6 (Hummelstown, Jonestown, Middleton, Pine Grove, Royalton, Union Deposit)
g. Presence of outfitters – 5 (Cocoa Kayaks, Jonestown KOA, Nolt, Susquehanna Outfitters, Swatara Watershed Association)
h. Presence of volunteers and community members – 16 (Audubon Society, Berks County Conservation District, Boy Scouts, Dauphin County Conservation District, Girl Scouts, Hershey/Harrisburg Visitors Bureau, Lebanon County Conservation District, Lebanon Valley Conservancy, Manada Conservancy, Northern Swatara Watershed Association, Quittaphailla Watershed Association, RSVP, Swatara Watershed Association, Trout Unlimited, United Way Day of Caring, Visit Lebanon Valley)
i. Water Trail principles met – 8
j. Robust management structure – 10 (DCNR, Municipalities installing and maintaining launches to date include Jonestown Boro, Derry Township, Hummelstown Boro, Swatara Township in

Dauphin County) PEC, POWR, Pa Fish & Boat Commission, Swatara State Park maintains 3 launches, Swatara Watershed Association)

k. Fatal flaws called out by feasibility study (not sure about this, but probably that all launches do not have toilets)

Other:

With 30 buckets to make, Ben is modifying the fire bucket design.

Fred reports the Pine Grove launch has a new locked gate. Jo Ellen will discuss the use of the site for the Swatara Sojourn with the sportsman's club next door. The Club may now own the property.

Fred also reports that he found a spotted lantern fly on his property in Berks County, three miles from the Lebanon County Line. He believes trucks from truck stops near Route 78 carry the flies to new territory.

Mike Adams inquired about wood.

One additional agenda item is a **motion by Stouffer and Embich to pass a bank resolution appointing Ben to co-sign checks at Jonestown Bank and removing Tom's name. All in favor? __; or opposed ___.**

The meeting was adjourned on a ____Stouffer/Embich_____ motion.

2018 Swatara Watershed Association event schedule:

- November 10, Wildwood Park, water workshop 9:30-3:30 free
- **November 15, The Swatara Story,** noon at Londonderry Village. **FREE**
- **December 5, next Watershed meeting at 9:30AM**
- January 17, 2019 @ 7PM Trivia Night at Mt. Gretna Craft Brewery; set up display.

****At meetings, those in attendance are asked to refrain from private conversation.**

****Any person in attendance with a question or comment is asked to be recognized by the chair.**

Swatara Watershed Association,1099 Facebook Likes 10.3.2018

Welcome. In attendance: Mike Adams, Bob Arnold, Tom Embich, Fred Folmer, Jo Ellen Litz, Ben Miller,

Secretary's Report: **The Secretary's report was emailed, will be posted on-line, and unanimously approved on a ___Folmer/Arnold __ motion**.

Treasurer's Report: Denny Miller reports: **Due to the generosity of donations in memory of Dick Blouch and a successful Food and Brew, SWA Board members paid off the mortgage on 1929 BBR.** Thank you cards and letters were sent to donors.

COMMON ENEMY RULE: And I always thought of water as my friend.
https://www.facebook.com/joellenlitz/videos/10216309847314196/

1929 BBR--Tom Embich—Office posts—5 outer posts replaced. Working on 1. And 3 remain.

A cleanup day was set for October 22 at 10:30AM.

The volleyball net has a ripped string.

The "bridge" to the back acreage is not maintained by the Township. Tom will notify MetEd. Service to Township residents could be unnecessarily interrupted if the crossing is not maintained.

Projects Available: Floating dock; stabilize bank.

Baseline Water Quality Data Program Grant: Lebanon County's proposal, in fact no baseline water quality data grants were awarded this round.

Bordner Cabin This section of Old State Road/Bear Hole Trail is still closed to the public. However, **SWA has permission to conduct a special clean-up this weekend**. Message Jo Ellen for details. **Ben and Ann volunteered to help.**

Projects Available: **Mike, estimate.** Restore spokes in two wagon wheels; porch bench; chimney repair; walkway replacement; driveway, under porch; **2 Amish solar lights.**

Bridges:

Eagle Scouts/Interns: Two new inquiries, one is scout master **Ben Sholly's son** (Troop 415) who wants to improve the portage around Jonestown dam, and **Nabeel Rangoonwala (Troop 65**) who will redo the office porch. Eagle Scout Hall of Fame album on

Facebook: https://www.facebook.com/pg/Swatara-Water-Trail-86311524094/photos/?tab=album&album_id=10151572544779095

Flooding: VOAD established—Volunteers Offering Assistance after Disasters. **https://www.facebook.com/LebanonCountyVOAD/** Please report your loss at https://helpdesk.lcdes.org . It's a long process, but if money flows down from the federal government, and you've exhausted your insurance options, there may be some reimbursement. In the meantime, there may be volunteer assistance.

Lebanon Water Authority: There is a bill on water quality.

Little Swatara: Fred Folmer reports a Spotted Lantern Fly seminar was held on 9.10.18 . 24 people attended. The Flys are poor flyers, but good hoppers and hitch hikers. Scrape grey egg masses (the size of a silver dollar) into a ziplock bag containing alcohol or hand sanitizer to kill to keep the eggs from hatching in the Spring. Adults will die when it frosts.

LV Conservancy: Bob Arnold informed members the Conservancy hasn't made any progress on the 34 acre Wagner pond property, but they are in talks with Williams Atlantic Sunrise to preserve the land. They have a goal of preserving 2000 acres by 2020. They are currently at 850 acres.

MS4: Tom Embich reports the University of Maryland Finance Center and Ellen Kohler are looking at $200,000 in projects in 2019. Tom is concerned about maintenance. Tom will also be presenting at the Township Conference.

Quittapahilla: Ann Lasky said there's a washout on the Quittie where Rocky Powel restored the streambank. Funding is being sought to make repairs.

Pipelines: Testing of 11 miles of pipeline is done at the Waterworks. https://www.facebook.com/joellenlitz/videos/10216322801838051/ Tom stated that the GLRA is accepting leftover pipeline debris, sorting out the rock, and using the dirt as groundcover.
Rail Trail: Tunnel Hill Road is open. NL Township is purchasing an ATV to monitor the Trail through the Tunnel. The Meily farm is for sale.

RSVP: Please complete your forms for Jo Ellen to validate, and send in mileage and your time. Fred donated a $35 check he received for mileage reimbursement.

Sojourn:

SRBC: Signed permission granted to install a WATER QUALITY MONITORING STATION @ 1929 BBR.

Swatara Food & Brew Weekend—Fred thanked Ben and Jo Ellen for taking the lead on this successful fundraiser. Both Ben and Jo Ellen mentioned that it was a team effort.

Visit Lebanon Valley Outdoor Guide is done. Copies will be sought for members.
10,000 4 x 7" field guides will be printed with 24-36 pages. SWA provided 4-5 trivia questions/ fun facts, and our Top Five recommended experiences.

Water Conservation:

- **3.12.2018 FEMA 10-year floodplain map link for review and comment:** http://www.arcgis.com/home/webmap/viewer.html?webmap=c7c19ef8fa384660ba320823e0f0ac9d&extent=-76.8576,40.1983,-76.0144,40.5556

Water Trail: Interviews 9.6 @ 11AM with Josh Raulerson, PEC @ Watershed Park is available statewide as both a podcast and YouTube videos. Videos are in support of reauthorization of the Land and Water Conservation Fund.

- **Preserving land around creeks is monumental: https://www.youtube.com/watch?v=fg2HDEgrDEU&index=8&list=PLMpHW-KP8hDEiCr4yFoR7XqXWeA3rWl2O**
- **Supporting local economies: https://www.youtube.com/watch?v=I4Fs6zBnjqo&list=PLMpHW-KP8hDEiCr4yFoR7XqXWeA3rWl2O&index=5**
- **Creating Opportunities: https://www.youtube.com/watch?v=uY_BbFj6RK0&index=3&list=PLMpHW-KP8hDEiCr4yFoR7XqXWeA3rWl2O**
- **Healthier Communities: https://www.youtube.com/watch?v=VDFdyNxgGP8&list=PLMpHW-KP8hDEiCr4yFoR7XqXWeA3rWl2O&index=2**
- **Investing in Conservation: https://www.youtube.com/watch?v=r4ZYaSKIkoY&list=PLMpHW-KP8hDEiCr4yFoR7XqXWeA3rWl2O&index=1**
- **Blog & podcast link: http://pecpa.org/pec-blog/pennsylvania-legacies-82-fund-drive/**

Other:

On a motion by Ben Miller, seconded by Fred Folmer, Mike Adams, Hershey Outfitters, was appointed to the Board to represent Dauphin County.

Mike also stated that bow and arrow deer season is open.

LVC held a Governor's Cabinet where the Secretaries of Agriculture, Drug and Alcohol, Education, and the Adjutant General answered questions.

Madeline Ting's son lives on the Swatara.

On a Lasky/Embich motion, SWA will submit Bob Arnold as a Public Director. Tom suggested and will contact Daryl Emrich to gauge his interest in the Farmer Director position.

Ben will set up another Trivia Night at the Mt Gretna Brewery for January 17, 2019.

Ben also had a sample fire bucket made from recycled plastic containers.

The meeting was adjourned ____Folmer/Adams_____ motion.

2018 Swatara Watershed Association event schedule:

- **October 7, clean up Bordner Cabin**
- **October 10, Water Trail Manager's meeting, 243 S Allen St., State College 16801, 11AM-3PM**
- October 22 at 10:30AM, clean-up day at Swatara Watershed Park
- **October 26, Quittie Pumpkin Walk—noon-9PM**
- **November 7, next Watershed meeting at 9:30AM**
- **November 15, The Swatara Story,** noon at Londonderry Village. **FREE**
- January 17, 2019 Trivia Night at Mt. Gretna Craft Brewery

****At meetings, those in attendance are asked to refrain from private conversation.**

****Any person in attendance with a question or comment is asked to be recognized by the chair.**

Swatara Watershed Association,1084 Facebook Likes 9.5.2018

Welcome. In attendance: Bob Arnold, Tom Embich, Fred Folmer, Ann Lasky, Jo Ellen Litz, Ben Miller, Denny Miller,

Secretary's Report: **The Secretary's report was emailed, will be posted on-line, and unanimously approved on an ___Lasky/Arnold __ motion**.

Treasurer's Report: Denny Miller reports that the mortgage on 1929 BBR stands at **$7622.05 t**his month's payment of $350.42 consists of $322.52 in principal and $27.90 in interest. The interest rate is climbing to 5%. Denny calculates that we can save over $500 in less than two years if we pay off the loan. **Due to the generosity of donations in memory of Dick Blouch and a successful Food and Brew, on an Embich/Arnold motion, SWA Board members unanimously approved paying off the note.**

Memorial contributions on behalf of Dick Blouch total $485. **The treasurer's report was approved on a _Folmer/Embich____ motion.**

The Board approved reimbursement of $261.21 to Tom Embich for repair of the mowers by Ken Herr on Palmyra Road after the flood, mousetraps, and a sledge hammer.

COMMON ENEMY RULE: And I always thought of water as my friend.
https://www.facebook.com/joellenlitz/videos/10216309847314196/

1929 BBR--Tom Embich—Office posts—5 outer posts replaced. 4 remain.

Eagle Scout submitted proposal to repair, power wash and stain the office deck.

- Tom must still mark campsites with tags.
- Jim Myers installed our gate. One-Call said the installer (other than the owner) needs to pay $125 one time annually per site. One-Call would not waive their fee.
- Waiting on MetEd to remove a dead oak and poplar that could fall on their wires near site 24.
- Pavilion Use September 8, 2018.
- Reviewed SWA policy of allowing only the official flags of the USA, PA, County, military forces and POW/MIA to be flown at our sites.
- Toilet replaced after mistakenly being taken away.
- On our property, East Hanover Township installed a culvert and road in a feeder creek to the Swatara. The crossing accommodates MetEd to service their lines that bring electricity to residents of the Township. The road narrowed during flooding, and Jo Ellen will bring this to the attention of the Township. Other campgrounds along the Swatara Creek (Jonestown KOA and HersheyPark Camping Resort) were

also hit several times with flooding this summer. Campers are resilient, and have been calling about renewing next year.

- Tom requested a workday to retrieve benches and picnic tables that were not fastened, and moved west on the property. Donated 5-gallon buckets are in the shed. They need holes drilled and rope fastened as handles for use as fire buckets at each campsite.
- Two more water tests at $28 each are needed this season.

Projects Available: Floating dock; stabilize bank.

Baseline Water Quality Data Program Grant: November award announcements. USGS will test 44 wells, each in a different square on a grid, to get a good look at the groundwater quality of our area. Testing is done on a voluntary basis. The homeowner receives free results on testing of over 100 parameters, a $1000 value.

Bordner Cabin Swatara Creek flooded additional times. Sections of Swatara State Park, including Bear Hole Trail/Old State Road, are still closed. Rangers are working on road repairs. We may have to cancel our annual hike and history tour on September 16. Fred and Jo Ellen will check with people working on the Trail and the Park Manager. Also, Denny reports that the Blue Montain Eagle Climbing Club has a hike to the Cabin scheduled for September 23.

Projects Available: **Mike, estimate.** Restore spokes in two wagon wheels; porch bench; chimney repair; walkway replacement; driveway, under porch; **2 Amish solar lights.**

Bridges: Many bridges and roads are closed due to 8.8" of rain falling in a few hours—Bethel, Jackson, Millcreek, Myerstown, Richland, Schaefferstown, Swatara…. If multiple municipalities declare a Disaster Emergency and damage assessments exceed $500,000, the County will declare a Disaster Emergency by Thursday at their meeting.

Eagle Scouts/Interns: Two new inquiries, one is scout master **Ben Sholly's son** (Troop 415) who wants to improve the portage around Jonestown dam, and **Nabeel Rangoonwala (Troop 65)** who will redo the office porch. Gavin Bender delivered the final map box mounted on a post in a flower pot. Jo Ellen signed off on his project. Eagle Scout Hall of Fame album on Facebook: https://www.facebook.com/pg/Swatara-Water-Trail-86311524094/photos/?tab=album&album_id=10151572544779095

Flooding: August 31, 2018 Summary-- **https://www.youtube.com/watch?v=sHbCuTTGtU8&feature=share** Please report your

loss at https://helpdesk.lcdes.org . It's a long process, but if money flows down from the federal government, and you've exhausted your insurance options, there may be some reimbursement.

Lebanon Water Authority:

Little Swatara: Fred Folmer reports a Spotted Lantern Fly seminar is scheduled for September 10th @7PM at the Bethel Berks Township Building. Take Exit 13 off I78.

Further, the Bethel EAC is working with Berks Nature to approach Camp Swatara about a conservation easement next to the Appalachian Trail. The easement would preserve the headwaters and viewshed to the Little Swatara.

LV Conservancy: Bob Arnold informed members the Conservancy received $2000 in memorium for Dick Blouch. John Schoch joined their Board. They are working on conservation easements.

MS4: Tom Embich reports the Clean Water Alliance has completed an educational brochure.

Quittapahilla: Ann Lasky said Michael Schroeder will conduct a litter cleanup leaving the YMCA parking lot The annual Pumpkin Walk will be held October 26 from noon-9PM. Also, there is erosion on the North Bank in the Park above where the Rocky Powell project was completed. At the root of the problem, a tree came down, and redirected the water.

Pipelines: Testing of 11 miles of pipeline seems to be done at the Waterworks. https://www.facebook.com/joellenlitz/videos/10216322801838051/ Tom stated that the GLRA is accepting leftover pipeline debris, sorting out the rock, and using the dirt as groundcover.
Rail Trail: Tunnel Hill Road culvert almost covered.

RSVP: Please complete your forms for Jo Ellen to validate, and send in mileage and your time.

Sojourn:

SRBC: Requested permission to install a WATER QUALITY MONITORING STATION @ 1929 BBR. After discussing the advantages, on a Lasky/Folmer motion, permission is granted. Tom Embich voted no. Jo Ellen will notify SRBC.

Swatara Food & Brew Weekend 2018. July 13-15. Gross $2985.43 includes the cost of jars. Tattered Flag and Babe's are still out. Ben will follow up with them. Pay bill for Pilsner glasses. When we have a final net

total, a news release will be prepared, and thank you letters sent.

Visit Lebanon Valley Outdoor Guide in the works. 10,000 4 x 7" field guides will be printed with 24-36 pages. SWA provided 4-5 trivia questions/ fun facts, and our Top Five recommended experiences.

Water Conservation:

- **3.12.2018 FEMA 10-year floodplain map link for review and comment:** http://www.arcgis.com/home/webmap/viewer.html?webmap=c7c19ef8fa384660ba320823e0f0ac9d&extent=-76.8576,40.1983,-76.0144,40.5556

Water Trail: Corner map box being delivered this afternoon.

Other:

- Interview 9.6 @ 11AM with Josh Raulerson, PEC @ Watershed Park.
- Bob provided information on a portable rechargeable light.
- Ben asked if the pumps by the Swatara were permanent. All agreed they appeared to be temporary in nature.
- Landscape fabric and orange fencing are in the Swatara Creek and in trees, and need removed. The pipeline company should shoulder this responsibility.
- After 30 years of leading the Swatara Sojourn, Jo Ellen previously asked if Ben would take the lead on the water during future sojourns. Ben agreed.

The meeting was adjourned on an Arnold/B Miller motion.

2018 Swatara Watershed Association event schedule:

- **September 10th @7PM, Spotted Lantern Fly session, Bethel Berks Township Building. Take Exit 13 off I78**
- **September 16 Bordner Cabin Hike and History Tour**. 1PM, meet at Sand Siding Trailhead in Swatara State Park. Please note: **ROAD STILL CLOSED FOR ACCESS. Checking on completion date.**
- **September 23, Blue Montain Eagle Climbing Club hike**
- **October 3, next Watershed meeting at 9:30AM**
- **October 10, Water Trail Manager's meeting, 243 S Allen St., State College 16801, 11AM-3PM**
- **October 26, Quittie Pumpkin Walk—noon-9PM**
- **November 15, The Swatara Story,** noon at Londonderry Village. **FREE**

****At meetings, those in attendance are asked to refrain from private conversation.**

****Any person in attendance with a question or comment is asked to be recognized by the chair.**

Swatara Watershed Association,1067 Facebook Likes 8.1.2018

Welcome. In attendance: Mike Adams, Bob Arnold, Tom Embich, Fred Folmer, Ann Lasky, Jo Ellen Litz, Denny Miller, Jack Stouffer.

Secretary's Report: **The Secretary's report was emailed, will be posted on-line, and unanimously approved on an _Arnold/Folmer ___ motion**.

Treasurer's Report: The mortgage on 1929 BBR stands at **$7943.27 t**his month's payment of $350.42 consists of $320.48 in principal and $29.94 in interest. **The treasurer's report was approved on a Folmer/Stouffer motion.**

1929 BBR--Tom Embich— Flooding crested at 17.15" on the Swatara Creek after 14-17.5" fell in the Valley over three days--July 23-25, 2018. For the Swatara Watershed Park, a $5,000 damage assessment for stone in the road and lawn mower overhaul was filed with the County of Lebanon. This may help residents, but FEMA does not award any funds to nonprofits. **If your municipality is unable to assist with your claim**, please report damage by calling **717-675-1380** (voicemail system where you can leave your information) or by going to **https://helpdesk.lcdes.org** .

- Office posts—4 outer corner posts replaced. Number 5—center rear--in the works. Jacking up rear to replace and concrete office posts to keep them from sinking into the ground.
- Eagle Scout submitted proposal to repair, power wash and stain the office deck.
- Tom must still mark campsites with tags. He needs help with height and a sledge hammer.
- Jim Myers installed our gate. Added posts to deter 4-wheelers. Pay balance of bill. Tom said One-Call needs verification of our IRS statement to waive their fee. He provided the address and phone number to Jo Ellen after the meeting.
- Waiting on MetEd to remove a dead oak and poplar that could fall on their wires near site 24.
- A red truck and trailer tried to hall in brush yesterday. Jo Ellen explained that we're 1 of 13 counties under quarantine due to the Spotted Lanternfly, and no wood or brush may be brought on site.
- Lock for first responder and trainer Mark Sallada was removed by someone outside of SWA.
- Sites that lost campers to flooding 1, 9, and 21. Mike Hoffa's camper is in the lot airing out.
- Remove flag.
- Site 11, Marti Speck, a no show due to rain for pavilion July 21, 2018. Policy is that donations are not refunded. He was offered use of the pavilion on another date, or as an alternative, use of a canoe, life vest and paddles. We count on camper donations to cover the mortgage. Therefore, no credit towards camping is honored.

- 8.5.18 Pavilion rental for a scout troop. Will camp around pavilion. The ground is dryer there. They need electricity. $100 donation.

https://l.facebook.com/l.php?u=https%3A%2F%2Fyoutu.be%2FShLNwjEPLr8&h=AT0TWLK2jFtr94xMOJL6Oskz4Q_qmALWsIG8dkXd-9qhSxZwK5yKNKUZw3WlrOIh64XK8xjjhJ_VPGx7Rch9b2d4VhZO1O23rLoYBAWA3uQaZo_MAd7hCR-YTpBbDsFh--OG-dUNVAekq7Sn5fwMT2wfbhOmtPH1p7CB

Swatara Watershed Park Flooding Protocol AT 17.15 peak:

https://www.youtube.com/watch?v=o69qEem2rT0

1. **At 9', notify campers of rising water, & ask them to move their campers to the parking lot or off site at 13'.**
2. **Open gate to allow unobstructed passage of vehicles**

Treating mold after a storm: Do not use chlorine bleach, which can cause other problems. Instead, use **MOLDSTAT**. Spray before removing items as well as after items are removed. Available at Lowes, WalMart, Amazon.

Tether:

1. Canoes
2. Shed (Tom will explore tethering shed on a mound where the Wise's were going to build a home.)
3. Toilet
4. Picnic tables under pavilion and at campsites (Keep rope in the office. Bob will donate rope.)
5. If more than 17' are projected, remove mower from shed and tow off site.
6. Take pictures of the above for documentation.
7. Post "No vehicles on grass" signs.

Order of closing of Roads to access Swatara Watershed Park:

1. Blacks Bridge Road at 11';
2. Schoolhouse Road at 15', but access by Crooked Lane or Groff Road from Jonestown Road is possible;
3. Gravel Hill Road 15-17'.

Members with trucks to help haul canoes in an emergency:

1. Fred Folmer
2. Tom Embich
3. Bob Arnold
4. Ben Miller, but his ground flooded too. Call last.

Projects Available: Floating dock; stabilize bank.

Baseline Water Quality Data Program Grant: November award announcements. USGS will test 44 wells, each in a different square on a grid, to get a good look at the groundwater quality of our area. Testing is done on a voluntary basis. The homeowner receives free results on testing of over 100 parameters, a $1000 value.

Bordner Cabin Swatara Creek flooded with a crest of **17.15" of rain July 23-25.** As a result, Swatara State Park was closed. Rangers were to do an assessment the end of last week, but we haven't heard if the Cabin has more damage. Per Mike and Jo Ellen's visit, we know we need to build a **13' wall at the falls; add stone beneath our work under the porch; replace the sidewalk as a result of the June 28 500-year flood event; and the driveway needs redone.**

Mike Willeman ash benches and 3" slab lumber? Wheel spokes—Jo Ellen got a spoke shave, and Jeff White is willing to mentor a scout on how to shape the oval portions of the spokes.

Projects Available: Restore spokes in two wagon wheels; porch bench; chimney repair; walkway improvements; **2 Amish solar lights. Ask Mike to calculate this into repairs so that if it's cloudy, we have light inside of the Cabin.**

Bridges: Jo Ellen visited and documented many bridges and launches at a 15' flood stage. Many were impassable. Yorty's Bridge is still closed. County is working on clearing. Video documentary--
https://www.facebook.com/media/set/?set=a.10156830354809095.1073741851.86311524094&type=3

Eagle Scouts/Interns: Two new inquiries, one is scout master **Ben Sholly's son** (Troop 415) who wants to improve the portage around Jonestown dam, and **Nabeel Rangoonwala, Troop 65**, who will redo the office porch. Eagle Scout Hall of Fame album on Facebook: https://www.facebook.com/pg/Swatara-Water-Trail-86311524094/photos/?tab=album&album_id=10151572544779095

Lebanon Water Authority: Added new signage to warn paddlers about the low-head dam, and direct them to the left side to portage around the dam. An Eagle Scout candidate also called, and is interested in improving the portage trail. One sign placed on a tree that fell is down already. There is also a large tree blocking the portage area.

Little Swatara: Fred Folmer reports that on 9.1.18 at 7PM at Bethel Township, Evan Corondi, Berks Conservation District, will make a presentation on the Spotted Lantern Fly. The Township Building is at Routes 501 and 78.

LV Conservancy: Bob Arnold informed members about their fund drive in progress as well as a pond parcel they are pursuing in the Lickdale area.

MS4: Tom reports the MS4 program is preparing an educational brochure for educational use by municipalities. He is dismayed at the 50% loss of credits for planting riparian buffers when no scientific evidence is offered to support the change. Also, MS4 is to address point source pollution, and DEP wants to change the program to include runoff from roads. Further, certain counties are targeted for enforcement while 23 other counties are not being inspected or fined. Tom questions the validity of spot enforcement.

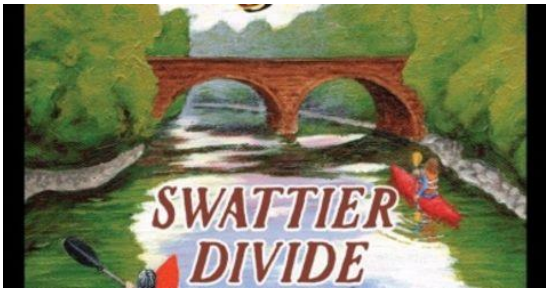
Quittapahilla: Ann Lasky said the storm upset the white bridge, but volunteers have already made repairs.

Pipelines: The Waterworks drilling project under Swatara Creek flooded, again. It doesn't seem like they are pumping the hole out this time. Not sure if they're done. Their toilets floated from site and tipped. One is in a cornfield, and one is in a swamp.

Rail Trail: Starting Thursday this week the Tunnel Hill Road culvert will be assembled in place. This is one project that benefits the majority of citizens, be it wellness, family time away from electronics, an alternate transportation route to ride your bike to work or school, and there's a safety element with an alternate exit out of town if highways are blocked with traffic during an emergency evacuation.

The Rail Trail will parallel Swatara Water Trail on the north side of Lebanon County. You will find that a Rail Trail goal is to connect communities and parks. I may miss some, but the LVRT connects Mt. Gretna, CCHS, the LV Expo, South Hills Park, City of Lebanon, Lebanon High School, Rite Aid Pharmacy, Jubilee Ministries, Lebanon Catholic HS, future Wengert Memorial Park, Gloninger Meadows Park, Coleman Park, LV Mall, Union Canal Tunnel Park, **Swatara Water Trail**, Jonestown, Swatara State Park, future Allwein Park, Appalachian Trail, and Stony Valley. Further, counties are connected--Lancaster, Lebanon and Schuylkill. It's a win /win.

RSVP: Please complete your forms for Jo Ellen to validate, and send in mileage and your time.



Sojourn:

SRBC:

Swatara Food & Brew Weekend 2018. July 13-15. Gross $2658.86 includes jars. Pay bill for Pilsner glasses. Jo Ellen--Hidden Still Spirits & Snitz Creek outstanding. Ben—Babes & Tattered Flag outstanding. Ben: suggested music for the event.
Donation jars were not all returned.

1. **Pilsner glasses** available for a $5 donation.
2. **Chef cook-off** to announce the amount of donations raised, and how much is still needed to complete repairs. Sell tickets. Use mason jars for people to place tickets to vote for their favorite dish.
3. **Verify that 4 chefs are still interested in participating.**
4. **Will follow-up with thank you letters.**
5. **Grateful for the excellent press coverage. WLBR/WQIC Radio, WITF, Lebanon Daily News, Hummelstown Sun, Visit Lebanon Valley, Hershey/Harrisburg Visitor's Bureau, our Facebook and Twitter followers, NBC Channel 8, ABC WHTM 27.** https://www.abc27.com/news/local/swatara-food-and-brew-weekend-benefiting-watershed-association-clean-water/1302992935

Visit Lebanon Valley Outdoor Guide in the works. 10,000 4 x 7" field guides will be printed with 24-36 pages. SWA provided 4-5 trivia questions/ fun facts, and our Top Five recommended experiences.

Water Conservation:

- **3.12.2018 FEMA 10-year floodplain map link for review and comment:** http://www.arcgis.com/home/webmap/viewer.html?webmap=c7c19ef8fa384660ba320823e0f0ac9d&extent=-76.8576,40.1983,-76.0144,40.5556

Water Trail:

- **New Lebanon Water Authority dam signage, one down.**
- Dave & Denise Johnson may purchase a property from Sheriff sale, and donate to East Hanover. Possible additional launch site near eagles nest on Pine Road.

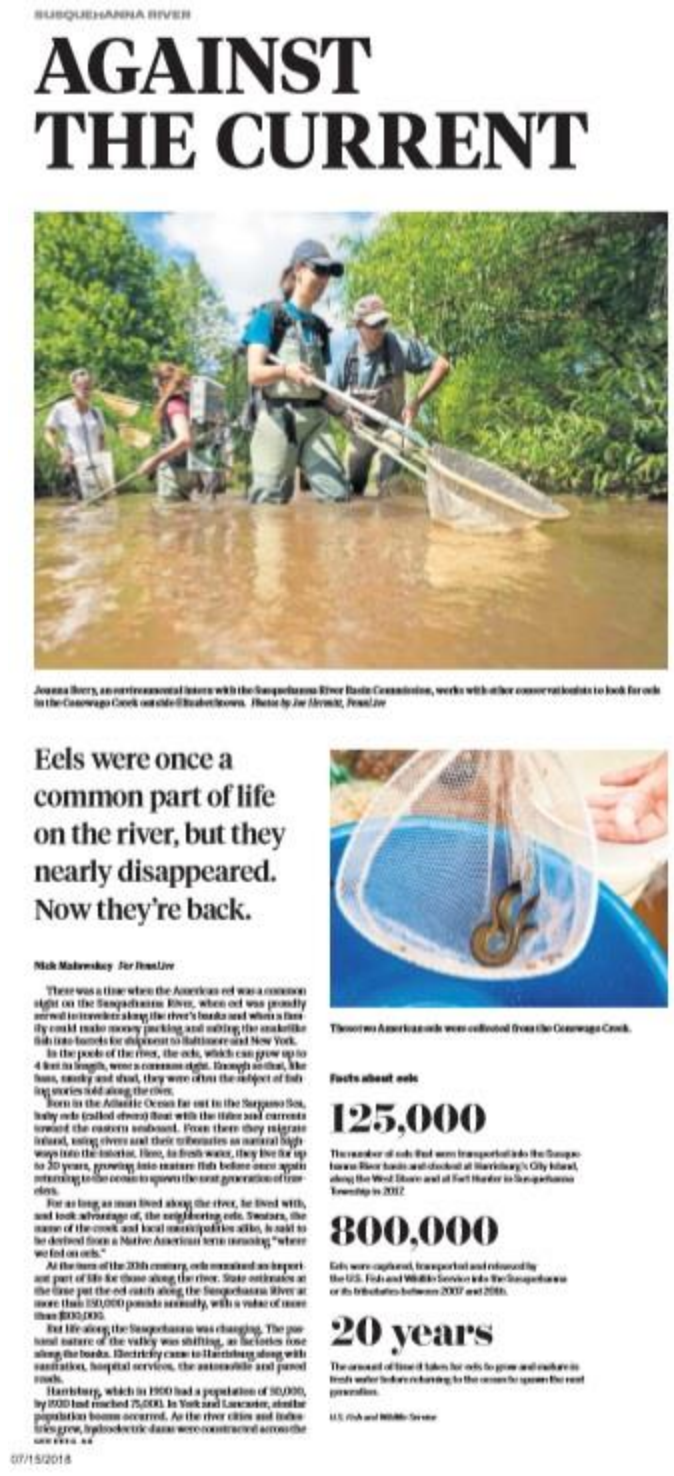
Other:

1. Mike said that the Longhorn tick is a new species. While harmful to animals, to date no humans have become sick.
2. Mike volunteered to fill map boxes with dry maps on the Swatara Water Trail.
3. Bob visited Highbridge Reservoir after the storm, and saw vast erosion of the road and pipeline in the area.
4. Article on American Eels returning to the Swatara Creek was in the Patriot News 7.15.18.

The meeting was adjourned on a motion by _Embich/Arnold __.

2018 Swatara Watershed Association event schedule:

- **August 2, 10AM, Dauphin, Lebanon, Perry County work group @ Dauphin County Ag Center RSVP 717.376.3507 Mike Snyder**
- **August 17 at 2PM, The Swatara Story, Juniper Village FREE**
- **September 16 Bordner Cabin Hike and History Tour**. 1PM, meet at Sand Siding Trailhead in Swatara State Park. **FREE**
- **November 15, The Swatara Story,** noon at Londonderry Village. **FREE**



SUSQUEHANNA RIVER

AGAINST THE CURRENT

Joanna Beery, an environmental intern with the Susquehanna River Basin Commission, works with other conservationists to look for eels in the Conewago Creek outside Elizabethtown. Photo by Joe Hermitt, PennLive

Eels were once a common part of life on the river, but they nearly disappeared. Now they're back.

Nick Malawskey For PennLive

There was a time when the American eel was a common sight on the Susquehanna River, when eel was proudly served to travelers along the river's banks and when a family could make money packing and selling the snakelike fish into barrels for shipment to Baltimore and New York.

In the pools of the river, the eels, which can grow up to 4 feet in length, were a common sight. Enough so that, like bass, smelts and shad, they were often the subject of fishing stories told along the river.

Born in the Atlantic Ocean far out in the Sargasso Sea, baby eels (called elvers) float with the tides and currents toward the eastern seaboard. From there they migrate inland, using rivers and their tributaries as natural highways into the interior. Here, in fresh water, they live for up to 20 years, growing into mature fish before once again returning to the ocean to spawn the next generation of freshwater eels.

For as long as man lived along the river, he lived with, and took advantage of, the neighboring eels. Swatara, the name of the creek and local municipalities alike, is said to be derived from a Native American term meaning "where we find an eels."

At the turn of the 20th century, eels remained an important part of life for those along the river. State estimates at the time put the eel catch along the Susquehanna River at more than 150,000 pounds annually, with a value of more than $100,000.

But life along the Susquehanna was changing. The natural nature of the valley was shifting, as factories rose along the banks. Electricity came to Harrisburg along with sanitation, hospital services, the automobile and paved roads.

Harrisburg, which in 1900 had a population of 50,000, by 1920 had reached 75,000. In York and Lancaster, similar population booms occurred. As the river cities and industries grew, hydroelectric dams were constructed across the

These two American eels were collected from the Conewago Creek.

Facts about eels

125,000

The number of eels that were transported into the Susquehanna River basin and stocked at Harrisburg's City Island, along the West Shore and at Fort Hunter in Susquehanna Township in 2017

800,000

Eels were captured, transported and released by the U.S. Fish and Wildlife Service into the Susquehanna or its tributaries between 2007 and 2016.

20 years

The amount of time it takes for eels to grow and mature in fresh water before returning to the ocean to spawn the next generation.

U.S. Fish and Wildlife Service

07/15/2018

****At meetings, those in attendance are asked to refrain from private conversation.**

****Any person in attendance with a question or comment is asked to be recognized by the chair.**

Swatara Watershed Association,1032 Facebook Likes 7.10.2018

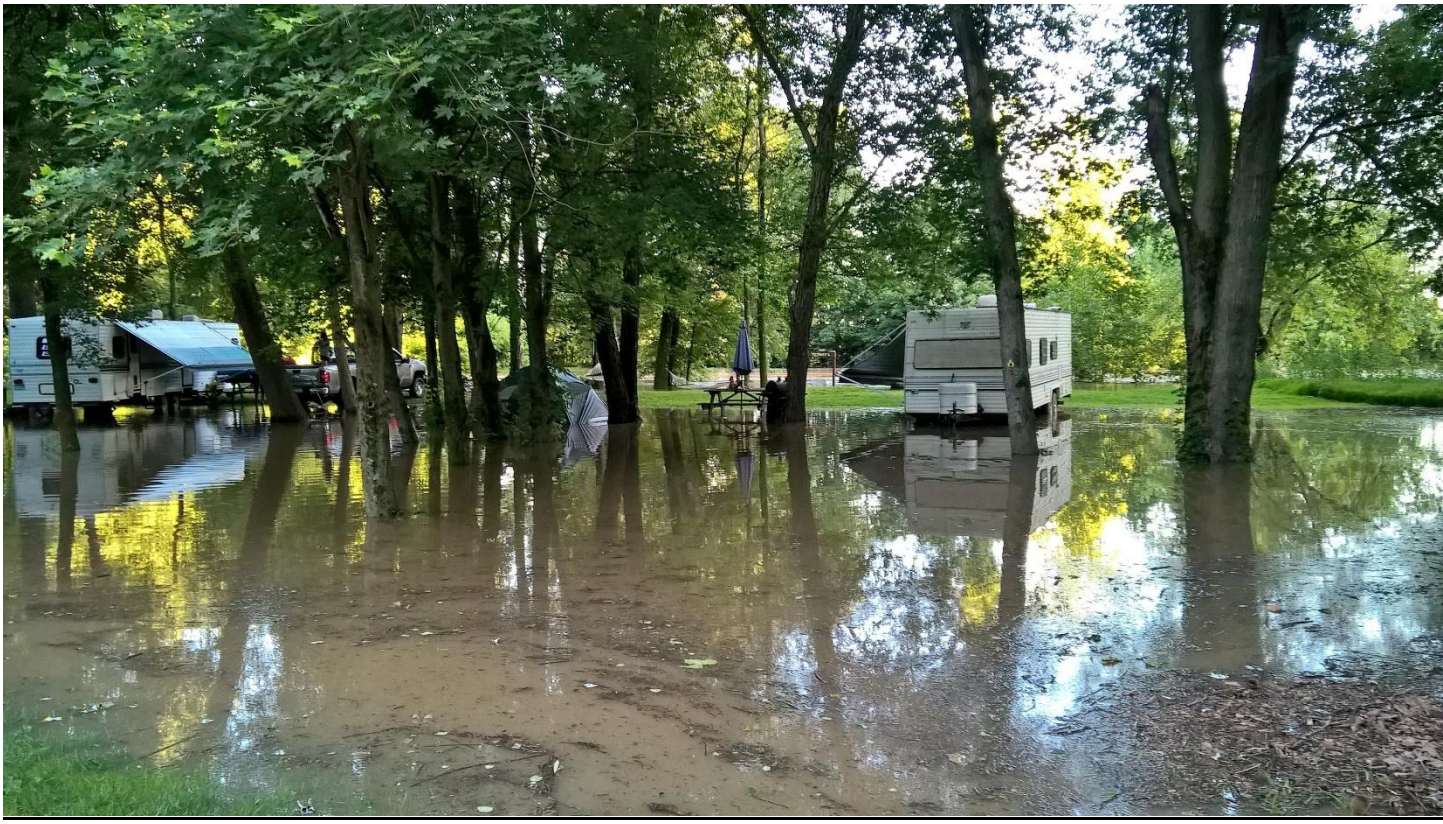
June 28 Flood a Triple Whammy—Watershed Park, Waterworks pipeline crossing & Bordner Cabin

Welcome. In attendance: In addition to kayaking, visitor Mike Adams, Hershey Outfitters, offers Segway tours, & geocash; Tom Embich; Fred Folmer; Ann Lasky; Jo Ellen Litz; Ben Miller; Denny Miller.

Board member Richard Blouch passed away. SWA offers condolences to June, his wife. Richard was a long-time Board member who could be counted on with his truck to haul anything from garbage to canoes, make a financial contribution, and with his wife June, annually made and/or picked up both breakfast and lunch for our Swatara Sojourn. Dick will be missed.

Secretary's Report: **The Secretary's report was emailed, will be posted on-line, and unanimously approval on a _Ann Lasky/Ben Miller__ motion**.

Treasurer's Report: The mortgage on 1929 BBR stands at **$7943.27 t**his month's payment of $350.42 consists of $320.48 in principal and $29.94 in interest. **A motion to pay the CPA bill of $750 passed on a ____ motion.**



1929 BBR--Tom Embich— Flooding 11’5” crest June 28, 2018

- Office posts—2 outer front posts replaced. Jacking up rear to replace and/or concrete to keep posts from sinking into the ground.
- Mark campsites with tags.

- Jim Myers installed our gate. Added posts to deter 4-wheelers.
- Waiting on MetEd to remove a dead oak and poplar that could fall on their wires near site 24.
- During flooding on June 28, MetEd entered the site around 5pm. Their lock then went from chain link to chain link rather than in a Daisy chain with our lock, which caused us to cut the chain for access. Also, a lock for first responder access was removed by someone outside of SWA.
- Site 17 John Sarson will use the site intermittently as well as a canoe.
- Site 11, Marti Speck, is renting the pavilion for a birthday party July 21, 2018. He needs electricity, and will be sure to collect and properly dispose of all trash.
- Tom said the June water test was late.

Projects Available: Concrete porch piers; floating dock; stabilize bank.

Baseline Water Quality Data Program Grant: November award announcements. USGS will test 44 wells, each in a different square on a grid, to get a good look at the groundwater quality of our area. Testing is done on a voluntary basis. The homeowner receives free results on testing of over 100 parameters, a $1000 value.

of rain in 2 hours creating a 60' wide debris field that moved trees, stone, and earth down the mountain. Sheets of rain poured off of Route 81 to join with an already swollen Aycrigg's Falls wiping out 50' of the stone wall built by Armar Bordner as well as his swimming and source water pools in the falls. Aycrigg's Falls is forever changed. From the Cabin, you can now see natural terraces at the top of the Falls. They are quite impressive.

Bordner Cabin flooded with 7.5"

There are two 2-3' potholes in the driveway, and other washout down about one foot. A 2' wide strip of macadam leads to the Cabin. The sidewalk washed out about 1' down, cracked, and needs replaced. Some stone is also needed under the porch.

Mike Willeman and Jo Ellen visited the Cabin, and put up yellow tape. Chris the Park Manager has closed Bear Hole Trail/Old State Road. It is estimated that it will take two months to repair the road to make it passable with a vehicle. We will need to remove logs, mud, and other debris from the Cabin, then power wash everything. Further, we will build 13' of wall at the 25' perimeter above the Cabin toward the Falls. While we wait, per Chris' request, Mike will work on a written plan for approval.

Mike Willeman ash benches and 3" slab lumber? Wheel spokes—Jo Ellen got a spoke shave, and Jeff White is willing to mentor a scout on how to shape the oval portions of the spokes.

Projects Available: Restore spokes in two wagon wheels; porch bench; chimney repair; walkway improvements; 2 Amish solar lights.

Bridges: Yorty's Bridge is clear. Video of Inwood Bridge https://www.youtube.com/watch?v=MCFosfBwjvc

Eagle Scouts/Interns: Two new inquiries, one to improve the portage around Jonestown dam, and one for electronics. Eagle Scout Hall of Fame album on

Facebook: https://www.facebook.com/pg/Swatara-Water-Trail-86311524094/photos/?tab=album&album_id=10151572544779095

Lebanon Water Authority: Added new signage to warn paddlers about the low-head dam, and direct them to the left side to portage around the dam. An Eagle Scout candidate also called, and is interested in improving the portage trail.

Little Swatara: Fred Folmer reports the storm drains are stenciled in Frystown.

LV Conservancy:

MS4: Tom reports the MS4 program North Lebanon Township presentation: https://www.youtube.com/watch?v=n8z81uQnr4Q&feature=share Can chart impervious surface using online maps. Sample available. Their annual meeting will be held in August.

Quittapahilla: Ann Lasky said there was an $800 sign vandalized as well as benches and stone.

Pipelines: The Waterworks drilling project under Swatara Creek flooded. Life vests were added to rails around the deepest hole. Workers were pumping out the hole.

Rail Trail: **costs and benefits--**The Trail is completed with a combination of funds from fundraising by LVRT to DCNR Growing Greener and PennDOT from the fuels tax with a 5% County match. This is one project that benefits the majority of citizens, be it wellness, family time away from electronics, an alternate transportation route to ride your bike to work or school, and there's a safety element with an alternate exit out of town if highways are blocked with traffic during an emergency evacuation.

You will find that a Rail Trail goal is to connect communities and parks. I may miss some, but the LVRT connects Mt. Gretna, CCHS, the LV Expo, South Hills Park, City of Lebanon, Lebanon High School, future Wengert Memorial Park, Gloninger Meadows Park, Coleman Park, LV Mall, Union Canal Tunnel Park, **Swatara Water Trail**, Jonestown, Swatara State Park, future Allwein Park, Appalachian Trail, and Stony Valley. Further, counties are connected--Lancaster, Lebanon and Schuylkill. It's a win /win.

RSVP: Please complete your forms for Jo Ellen to validate, and send in mileage and your time.

Sojourn:

SRBC:

Swatara Food & Brew Weekend 2018. **July 13-15. Ben:** Tavern Owner Feedback included:

6. **Donation jars** delivered to eateries. To add to Ben's inventory, Jo Ellen purchased another dozen mason jars, cut holes in the top, labeled, and tied colored string for distribution. Do your best to retrieve the jars after the F&B for use next year.
7. **Pilsner glasses** delivered to Fredericksburg Eagle Hotel, Harper's Tavern, Heisey's Diner, Mt. Gretna Brewery, Quentin Tavern.
8. **Video** DVDs for all participants. Files can be transferred to flash drives to play on newer tvs without a DVD player.
9. Chef cook-off perhaps to announce the amount of donations raised, and how much is still needed to complete repairs. Use mason jars for people to place dollars to vote for their favorite dish.
10. **Framed maps delivered** to Forrest Feed Co., Gin Mill, Harper's Tavern, Heisey's Diner, and Snitz Creek.
11. **Publicity: WITF, WLBR, WHTM 27, Visitor Bureaus, Social Media, the Sun in Hummelstown, 2 front page mentions in the Lebanon Daily New with one being a feature story above the fold and the other part of things to do this weekend.** The Patriot mentioned the Swatara Creek on the front page in a series on Clean Water that ran 11 pages in Sunday's paper. Likewise, the Lebanon Daily News has recently run two Clean Water articles, one of them an editorial.

Water Conservation:

- **3.12.2018 FEMA 10-year floodplain map link for review and comment:** http://www.arcgis.com/home/webmap/viewer.html?webmap=c7c19ef8fa384660ba320823e0f0ac9d&extent=-76.8576,40.1983,-76.0144,40.5556

Water Trail: New Lebanon Water Authority dam signage

Other:

The meeting was adjourned on a motion by __ ___.

2018 Swatara Watershed Association event schedule:

- **Future Speaker Taylor Nezat, PennFuture.**
- **July 13-15 Swatara Food and Brew Weekend** at many local restaurants and pubs—Batdorf, Fredericksburg Eagle Hotel, Mount Gretna Craft Brewery, Quentin Tavern, Snitz Creek Brewery, Swatara Coffee…. **Visit a different venue each day to try unique dishes and drinks.** Watch the

Swatara Water Trail Facebook page for more sponsors and information. https://www.facebook.com/SwataraWaterTrail/

- **August 17 at 2PM, The Swatara Story, Juniper Village**
- **September 16 Bordner Cabin Hike and History Tour**. 1PM, meet at Sand Siding Trailhead in Swatara State Park. **FREE**
- **November 15, The Swatara Story,** noon at Londonderry Village. **FREE**

Swatara Watershed Association,1003 Facebook Likes 6.6.2018

Welcome. In attendance: Tom Embich, Fred Folmer, Ann Lasky, Jo Ellen Litz, Ben Miller, and Jack Stouffer. Note: Ben will bring Mike Adams, Hershey Outfitters at Hotel Hershey, to a future meeting.

Secretary's Report: **The Secretary's report was emailed, posted on-line, and unanimously approval on a Folmer/Lasky motion**.

Treasurer's Report: The mortgage on 1929 BBR stands at **$8,763.10 t**his month's payment of $350.42 consists of $318.35 in principal and $32.07 in interest. Tom donated items worth $116.93—posts for campsite markers, a battery for the mower, and gas for the Sojourn shuttle van. Thanks Tom!!! CPA reports are available. **Jo Ellen** will seek a pdf to share. Bureau of Charitable Organization certificate received. **A motion to pay the CPA bill of $750 passed on a Stouffer/Folmer motion.**

1929 BBR--Tom Embich—

- Mark campsites with tags.
- Two new 50' hoses purchased.
- Twelve 2018 Campsite agreements are secured to date. New, Ron & Tara Turner site 29.
- Jim Myers installed our gate.
- Canoe registration stickers thru 2020 were applied. A missed call came in over Memorial Day weekend.
- Fire ring in site 2 Strunge
- Waiting on MetEd to remove a dead oak and poplar that could fall on their wires near site 24.

Projects Available: Concrete porch piers; floating dock; stabilize bank.

Baseline Water Quality Data Program Grant: The grant was filed timely. Waiting on outcome. USGS will test 44 wells, each in a different square on a grid, to get a good look at the groundwater quality of our area. Testing is done on a voluntary basis. The homeowner will receive free results on testing for over 100 parameters, a $1000 value.

Bordner Cabin: Graffiti removed. Half-moon installed over toilet. Walter's pumped weekly. Chris Houck called, & Walter's was reminded that only drive-through days are available for service.

Mike Willeman ash benches and 3" slab lumber? Tom wheel spokes?

Projects Available: Restore spokes in two wagon wheels; porch bench; chimney repair; walkway improvements; 2 Amish solar lights.

Bridges: The County received a DEP permit to clear Yordy's Bridge. Video of Inwood Bridge https://www.youtube.com/watch?v=MCFosfBwjvc

Eagle Scouts/Interns: Eagle Scout Hall of Fame album on Facebook: https://www.facebook.com/pg/Swatara-Water-Trail-86311524094/photos/?tab=album&album_id=10151572544779095

Little Swatara: Fred Folmer reports the Bethel Berks EAC will stencil drains in Frystown on June 9th. On September 10, a public information seminar hosted by Evan Corondi, Berks CD insect control specialist, will take place on the Spotted Lantern Fly. Lantern Flys are not good flyers, and usually travel with the prevailing wind, which travels west to east, away from Lebanon County. In this scenario, the wind may be Lebanon County's friend.

LV Conservancy: Dick Blouch said

MS4: Tom reports the MS4 program North Lebanon Township presentation: https://www.youtube.com/watch?v=n8z81uQnr4Q&feature=share Can chart impervious surface using online maps. Sample available.

Quittapahilla: Ann Lasky said the Quittapahilla Watershed will man a booth at Old Annville Day this Saturday from 9AM-2PM. Sunday, July 10 at 4PM will be a dedication of the Richter Trail. They acquired a sign with a Blue Heron for the dedication. Take High Street to Bachman Road.

Pipelines: Another Snitz Creek spill. There had been at least four spills of "drilling mud" at the site in the past eight months. June 14 there is a meeting being held by Lebanon Pipeline. Judge Tylwalk granted Sunoco permission to go ahead in Quentin.

Rail Trail: Next week, it looks like the culvert will go in under Tunnel Hill Road, which will be closed beginning June 11. The Road will also be repaved.

RSVP: Please complete your forms for Jo Ellen to validate, and send in mileage and your time.

Sojourn: Ben will consider leading the 2019 Sojourn. Denny won the 30th anniversary poster.

SRBC:

Swatara Food & Brew Weekend 2018. July 13-15. Ben: Tavern Owner Feedback included:

12. Volunteers to distribute 30 folders.
13. **Ben provided donation jars**.
14. **Jo Ellen** will **order about 100 Pilsner glasses**.
15. **Jo Ellen will make several videos** available on a CD for all participants. Jo Ellen has several, and Ben will provide his PowerPoint. Run on Sports Bar televisions.
16. Chef cook-off
17. **Jo Ellen** will **email all participants** to ask them to communicate with brewers on specialty drinks. Brad Kleinfelter at Mount Gretna Craft Brewery will be brewing a new batch of Swatara Divide; Pat Freer at Snitz Creek will be brewing their Swatara special too. 1/6, ¼ and Kegs will be available; and Michael Rotunda will also brew a beer at the Batdorf and Rotunda Brewery.
18. **Jo Ellen** will look for **frames for maps**.
19. **Ben will work on WITF, and has notified Hershey Visitors Bureau**.
20. **Signed/Confirmed Participants Twelve (12): Jo Ellen: Gin Mill (Bob); Heisey's Diner, 72N; Moose's LZ, Jonestown; Quentin Tavern; Snitz Creek, Lebanon City; Swatara Coffee, Jonestown. Ben: Harpers Tavern; Mt Gretna Craft Brewery; Forrest Feed; Babes; and Irv's. Fred: Fredericksburg Eagle Hotel.**

Water Conservation:

- **3.12.2018 FEMA 10-year floodplain map link for review and comment:** http://www.arcgis.com/home/webmap/viewer.html?webmap=c7c19ef8fa384660ba320823e0f0ac9d&extent=-76.8576,40.1983,-76.0144,40.5556

Water Trail: New launch in East Hanover, Dauphin coming with support from Hershey Trust. Also contact Gavin about two remaining map boxes. Ben reviewed the Emrich launch, and will obtain an estimate of total cost. We will consider "crowd funding" and asking for donations in addition to what Pennsy Supply provides.

Other: Submitted 5 experiences; trivia questions; and photos for an Outdoor Guide scheduled for a July 4 release by Visit Lebanon Valley.

The meeting was adjourned on a motion by _ Folmer/Stouffer__.

2018 Swatara Watershed Association event schedule:

- **July 11 Watermelon at the Waterworks**, 9:30AM—walk our adopted launch at the Fish and Boat property, and pick up litter, Afterwards, enjoy watermelon and conversation with members of SWA. All are welcome. **FREE Speaker Taylor Nezat, PennFuture.**
- **July 13-15 Swatara Food and Brew Weekend** at many local restaurants and pubs—Batdorf, Fredericksburg Eagle Hotel, Mount Gretna Craft Brewery, Quentin Tavern, Snitz Creek Brewery, Swatara Coffee…. **Visit a different venue each day to try unique dishes and drinks.** Watch the Swatara Water Trail Facebook page for more sponsors and information. https://www.facebook.com/SwataraWaterTrail/

- **September 16 Bordner Cabin Hike and History Tour**. 1PM, meet at Sand Siding Trailhead in Swatara State Park. **FREE**
- **November 15, The Swatara Story,** noon at Londonderry Village. **FREE**

5.1.2018

Welcome. In attendance: Dick Blouch, Tom Embich, Ann Lasky, Jo Ellen Litz, Ben Miller, Jack Stouffer.

Secretary's Report: **The Secretary's report was emailed, posted online, and unanimously approval on a __Dick Blouch and Ann Lasky__ motion**.

Treasurer's Report: The mortgage on 1929 BBR stands at **$9,081.16 t**his month's payment of $350.42 consists of $318.06 in principal and $32.36 in interest. Jack, Ann

1929 BBR--Tom Embich—Mark campsites with tags.

- State water test are for bacteria, iron, nitrate, ph, and are completed for our well. We need two new 50' hoses. Ball valves spray out like a shower. Two faucets at each location.
- Eleven 2018 Campsite agreements are secured to date.
- Jim Myers is installing our gate with three locks at the campground. One lock is for campers, one for MetEd, and one for First Responders.
- Fred, Bob, Ben & Tom cut up fallen trees.
- During United Way Day of Caring, 15 volunteers from the Youth Advocate Program YAP; Mick & Stephanie Sechman; and Harold Hannah Realty Group, Palmyra worked to clean-up; and 5-gallon fire-bucket containers were removed and stored in the shed. Wood is also at the shed. Garbage was picked up, and we cleaned out flowerbeds. The Site 2 sign was replaced.

Projects Available: Concrete porch piers; floating dock; stabilize bank.

Baseline Water Quality Data Program Grant: Jo Ellen is steering the process. A bipartisan ask was sent to all of our elected officials—Township, State, and Federal. So far, to the nonprofit organization letters, we have added a resolution from the Lebanon County Commissioners and S Annville Township, and a letter from US Senator Pat Toomey and PA Senator Mike Folmer. USGS has guaranteed a $75,000 match to a successful grant submission. Local corporations were approached as well.

Bordner Cabin: United Way Day of Caring volunteers helped to ready the Bordner Cabin for the season. Volunteers came from Halcyon & WellSpan.

Mike Willeman ash benches and 3" slab lumber? Tom wheel spokes?

Projects Available: Restore spokes in two wagon wheels; porch bench; chimney repair; walkway improvements; 2 Amish solar lights.

Bridges: Trees are once again blocking Yordy's Bridge. The County is waiting on a DEP permit.

Eagle Scouts/Interns: Eagle Scout Hall of Fame album on Facebook: https://www.facebook.com/pg/Swatara-Water-Trail-86311524094/photos/?tab=album&album_id=10151572544779095

Envirothons: May 3 Middle School; and May 10 Elementary; Volunteers welcome.

Little Swatara: Fred Folmer conduct an annual litter cleanup on Earth Day. The picked up at four ramps on 645 & 78. 18 people helped for three hours. 71 bags of trash were collected. The Flying J Truck Stop is nearby. 5 large truck tires, a mattress and large chunks of tire treads were removed over 800 yards of distance. A small creek in the segment feeds to the Little Swatara. Mostly, plastic beverage bottles were removed.

LV Conservancy: Dick Blouch said the Middle Creek Wildlife event was a success. Jack Hubley was a hit, especially with the kids. The Karen and Richard Light Scholarship went to Claire Leedy.

MS4: Tom reports the MS4 program is applying through DEP for PRP-pollution reduction plan. All roadways must be included, not just those with storm water outlets. PSATs said the MS4 program to reduce pollution in the Chesapeake Bay results in a 4% reduction of pollution load. This costs millions of dollars. Adams, Franklin, Lancaster and York are pilot projects.

Quittapahilla: Ann Lasky reported that Day of Caring was great with 30 kids from Palmyra and 22 from LVC. They cleaned trails, and pulled out multiflora rose and garlic mustard. Annville Township helped too. Trillium was planted last year. It's still there. May 3 is a wildflower walk starting at 3PM at the bridge.

Pipelines: **Listening session scheduled for Thursday, May 10 at 6PM, Pollock Center, Philhaven.**

Rail Trail:

1. Union Canal Tunnel Park, men are working on the roof, where the **Krall Barn has sheathing and tarpaper.**
2. The Commissioners & Meilly's signed an agreement to proceed to Long Lane. First, they're holding a construction meeting.
3. West Lebanon Township is actually a right-of-way, and North Lebanon Township owns the land on the west side of 25th Street.

RSVP: Please complete your forms for Jo Ellen to validate, and send in mileage and your time.

SOJOURN: 30th Anniversary **Proclamations** received to date: the County of Lebanon, Annville, City of Lebanon, North Lebanon, North Londonderry, and South Annville Townships. **Celebrating a Cool River—the Swatara.** https://www.facebook.com/pg/SwataraWaterTrail/photos/?tab=album&album_id=10156451825219095

Received to date: 39 Pre-registrations for Saturday; 35 for dinner; 22 camping; and 29 for Sunday. All plus shore support. Therefore, 50 subs for Saturday is good. Likewise, 50 potpie dinners were ordered. We'll have speakers and shore support to feed too.

Shore support: **Laurie Andrews, Jack Stauffer**

- Vans: **Tom Embich** will make arrangements with Mease Motors. Tom will also fill in as a driver. Jo Ellen & Tom will pick up Vans. **Ben Miller** additional transport; scout. **Fred Folmer** tow rented canoes and, along with **Jack Stouffer**, man the equipment van and trailer. **Denny Miller** will provide drinks and be a runner.

  Safety: Lisa Carter & Scott Webber will coordinate the portage point.

- Food: **June Blouch** will pick-up breakfast from Sheetz both days.

Programs –

Saturday Lunch at Boat House Road Park: subs June & Dick--Program by Fred Folmer on **Spotted Lantern Fly**.

Saturday Dinner (Delivered @ 5PM): potpie from Ono Fire Co. Program on the **Lebanon Valley Rail Trail by Bentura Rodriguez**.

Sunday Lunch at Schiavoni Park: pizza Ann & Dave-- Program on **Drone demonstration by Jo Ellen Litz**; **Paint Night**. **Campfire**.

Group Picture.

Mural/poster using numbered blocks donated **by artist Craig Andrews**. Can autograph 2" squares to paste onto a frame depicting the 30th anniversary of the Swatara Sojourn.

SRBC:

Swatara Food & Brew Weekend 2018. **July 13-15. Ben:** Tavern Owner Feedback included:

21. Volunteers to distribute 30 folders.
22. Ordering Pilsner glasses –need to know amount needed.

23. Making our video used in the heading to our Facebook page available to run on Sports Bar televisions. Upon request, longer videos can be created.
24. Chef cook-off
25. Mount Gretna Craft Brewery will be brewing a new batch of Swatara Divide; and Snitz Creek will be brewing their Swatara special too. 1/6, ¼ and Kegs will be available.
26. Framed maps available.
27. **Signed/Confirmed Participants: Heisey's Diner, 72N; Moose's LZ, Jonestown; Snitz Creek, Lebanon City; Swatara Coffee, Jonestown. Harpers; Mt Gretna Craft Brewery; Forrest Feed; Babes; and Irv's.**

Water Conservation:

- **3.12.2018 FEMA 10-year floodplain map link for review and comment:** http://www.arcgis.com/home/webmap/viewer.html?webmap=c7c19ef8fa384660ba320823e0f0ac9d&extent=-76.8576,40.1983,-76.0144,40.5556

Other:

The meeting was adjourned on a motion by _Tom Embich and Dick Blouch __.

2018 Swatara Watershed Association event schedule:

- **April 29, 1PM, Lebanon Valley Conservancy @ Middle Creek.**
- **May 3 Middle School Envirothon @ Levitz Park.**
- **May 5-6 Swatara Sojourn** will start from the campgrounds at 9:30AM. **Pre-registration required** to participate. Visit www.SwataraWatershed.com for more details.
- **May 10 Elementary Envirothon @ Coleman Park.**
- **July 5 Watermelon at the Waterworks**, 9:30AM—walk our adopted launch at the Fish and Boat property, and pick up litter, Afterwards, enjoy watermelon and conversation with members of SWA. All are welcome. **FREE**
- **July 13-15 Swatara Food and Brew Weekend** at many local restaurants and pubs—Batdorf, Fredericksburg Eagle Hotel, Mount Gretna Craft Brewery, Quentin Tavern, Snitz Creek Brewery, Swatara Coffee…. **Visit a different venue each day to try unique dishes and drinks.** Watch the Swatara Water Trail Facebook page for more sponsors and information. https://www.facebook.com/SwataraWaterTrail/
- **September 16 Bordner Cabin Hike and History Tour**. 1PM, meet at Sand Siding Trailhead in Swatara State Park. **FREE**
- **November 15, The Swatara Story,** noon at Londonderry Village. **FREE**

4.4.2018

Welcome. In attendance: Bob Arnold, Dick and June Blouch, Tom Embich, Fred Folmer, Ann Lasky, Ben Miller, Jo Ellen Litz, Jack Stouffer.

Secretary's Report: **The Secretary's report was emailed, posted on-line, and unanimously approval on a __Lasky/Blouch___ motion**.

Treasurer's Report: The mortgage on 1929 BBR stands at **$9,577.46 t**his month's payment of $350.42 consists of $315.30 in principal and $35.12 in interest.

- $750.00 First Energy Sojourn donation
- $150.00 Jonestown Bank Sojourn donation
- $450.00 Karen Courchaine Site 2
- $450.00 Jonathan Stichler Site by PayPal Hoping for site 32.
- $ 20.00 Wes Bowers dues by PayPal
- $ 70.00 Robert Lewis Sojourn registration
- $ 70.00 Robert Morris Sojourn registration
- $ 70.00 Scott Webber Sojourn registration by PayPal

1929 BBR--Tom Embich—Mark campsites with tags.

- 2018 Campsite agreements emailed/mailed.
- Jim Myers is installing our gate with three locks at the campground. One lock is for campers, one for MetEd, and one for First Responders.
- Large poplar and a red oak tree leaning towards the power line at site 24
- Fred, Bob & Tom volunteered to cut up fallen trees, especially at site 1.
- United Way Day of Caring volunteers requested to shovel mud from the ramp, pick up debris, and stack limbs. Compeer has volunteered 9 people for the Bordner Cabin. Two have volunteered at the Campground.
- **Plumber bids were received to replace the hydrants from Bowman and Lou Caputzal who was awarded the $865 bid on a Stouffer/Blouch motion.**
- Seasonal System Requirements Revised Total Coliform Rule PWS#7380376 will be completed after the plumber is done.
- A job johnnie is still at site 1.

Projects Available: Concrete porch piers; floating dock; stabilize bank.

Baseline Water Quality Data Program Grant: Review presentation.

Bordner Cabin: United Way Day of Caring volunteers signed up from Compeer.

- Wagon wheel spokes
- Ash benches—no report.
- Tom said to renew existing registered canoes. Jo Ellen & Denny worked together to make this happen.

Mike Willeman ash benches and 3" slab lumber? Tom wheel spokes?

Projects Available: Restore spokes in two wagon wheels; porch bench; chimney repair; walkway improvements; 2 Amish solar lights.

Bridges: Trees are once again blocking Yordy's Bridge.

Eagle Scouts/Interns: Eagle Scout Hall of Fame album on Facebook: https://www.facebook.com/pg/Swatara-Water-Trail-86311524094/photos/?tab=album&album_id=10151572544779095

Envirothons: April 26 High School; May 3 Middle School; and May 10 Elementary; Volunteers welcome.

Little Swatara: Fred Folmer is working with Berks Conservancy to present a September seminar on invasives. He is also working with Camp Swatara through Berks Nature on both Forest Stewardship and an easement bordering the Appalachian Trail on the Kittatinny Ridge.

LV Conservancy: Dick Blouch said that Jack Hubley will again present his wild animals at a Conservancy event on April 29 at Middlecreek. Cost is $20. The Conservancy is also hiring a fundraiser.

MS4: Tom reports the MS4 program is proposing a $5M project over 5 years utilizing an established baseline fee, and Lebanon County Clean Water Alliance will meet on May 1, June 24, and October 23, 2018.

Quittapahilla: Ann Lasky reported that for the 12th year, Palmyra School students will pull invasives and much at the Nature Park.

Pipelines: Snitz Creek impacted. Many zoning regulations do not allow construction within 75' of a residence. Sinkholes were being discussed on Laura LeBeau with Pam Bishop, Ann Pinca, and Mike Schroeder. The pipelines are considered a utility.

Rail Trail:

4. Union Canal Tunnel Park is waiting on shingles to arrive to roof the **Krall Barn. New Booklets with Water Trail quote.**
5. West Lebanon Township received an evaluation by LTAP stating that the Tunnel meets current ADA requirements.
6. Commissioners signed an agreement to proceed to Long Lane. Waiting on the Meilly's signatures.

RSVP: Please complete your forms for Jo Ellen to validate, and send in mileage and your time. **Banquet 4.3.18. Certificates presented.**

SOJOURN: 30th Anniversary **Proclamations** received to date: the County of Lebanon, Annville, North Lebanon, North Londonderry, and South Annville Townships.

Celebrating a Cool River—the Swatara.
https://www.facebook.com/pg/SwataraWaterTrail/photos/?tab=album&album_id=10156451825219095

- Shore support: **Laurie Andrews, Jack Stauffer**
- Vans: **Tom Embich** will make arrangements with Mease Motors. Tom will also fill in as a driver. Jo Ellen & Tom will pick up Vans. **Ben Miller** additional transport; scout. **Fred Folmer** tow rented canoes and, along with **Jack Stouffer**, man the equipment van and trailer. **Denny Miller** will provide drinks and be a runner.
  Safety: Lisa Carter & Scott Webber will coordinate the portage point.
- Food: **June Blouch** breakfast both days.

Programs –

Saturday Lunch at Boat House Road Park: subs June & Dick--Program by Fred Folmer on **Spotted Lantern Fly**.

Saturday Dinner (Delivered @ 5PM): potpie from Ono Fire Co. Program on **Drone demonstration by Jo Ellen Litz**; **Paint Night**. **Campfire**.

Sunday Lunch at Schiavoni Park: pizza Ann & Dave--Program on the **Lebanon Valley Rail Trail by Bentura Rodriguez**.

Group Picture.

Mural/poster using numbered blocks donated **by artist Craig Andrews**. Can autograph 2" squares to paste onto a frame depicting the 30th anniversary of the Swatara Sojourn.

While we did not receive a 2018 grant, SWA provided POWR with a Letter of Support.

SRBC:

Swatara Food & Brew Weekend 2018. **July 13-15. Ben:** Tavern Owner Feedback included:

28. Volunteers to distribute 30 folders.
29. Ordering Pilsner glasses –need to know amount needed.
30. Making our video used in the heading to our Facebook page available to run on Sports Bar televisions. Upon request, longer videos can be created.
31. Chef cook-off
32. Mount Gretna Craft Brewery will be brewing a new batch of Swatara Divide; and Snitz Creek will be brewing their Swatara special too. 1/6, ¼ and Kegs will be available.
33. Framed maps

Water Conservation:

- **9.7.2017, for $500,000, Lebanon Water Authority purchased 44.62 acres containing a mansion known as "The Forge" near the Christian E Siegrist Dam in Schuylkill County. 5 acres will be subdivided to contain "The Forge," pool, and barn. Invasive bamboo will be eradicated. In about one year, the 5-acre parcel will be put up for bid.**
- **3.12.2018 To PennDOT, Jo Ellen reported a mud spill into the Quittapahilla Creek from drilling on a bridge during road repairs** just west of the new

McDonalds between 7th and 6th Avenues on Cumberland Street. Pictures were taken for documentation as well as do what's necessary to stop the mud from entering the Quittapahilla as well as getting the contractor to make things right. Trout are stocked in local streams. Sediment is the number one polluter. Fish gills will clog, and they won't get needed oxygen from the water to survive. If there's a fish kill, the PA Fish and Boat Commission will get involved too. Conclusion: Drilling was stopped. Sediment subsided. No fish kill observed. Contractor is preparing another plan of action.

- **3.12.2018 FEMA 10-year floodplain map link for review and comment:** http://www.arcgis.com/home/webmap/viewer.html?webmap=c7c19ef8fa384660ba320823e0f0ac9d&extent=-76.8576,40.1983,-76.0144,40.5556

Other: 9 former Swiss Dairy farmers were picked up with Harrisburg Dairies. Between Lebanon and Lancaster Counties, 40 farmers remain with Swiss Dairy. Scott Sechler, Bell and Evans, offered to purchase chickens from the remaining farmers should they wish to switch to growing chickens.

Ben received a report of raw sewage being dumped into the Swatara Creek off of Pine Road in Palmyra—1/2 mile downstream from Gravel Hill Road. There are 10 large 5th wheel campers there. The reporter is checking with the Township to see if the property is zoned correctly, and sewage is adequate.

George Kaufman will help to fill map boxes in Jonestown.

A request to use only our canoe trailers was tabled.
Luke recommended working closely with Mr. Emrich while adding stone to the new launch site. Luke also recommended laying a membrane on the ground prior to the stone to keep the stone from sinking into the mud.
Ben suggested "entering" and "leaving" the Swatara Watershed road signs as a future project.

The meeting was adjourned on a motion by __Blouch/B Miller__.

2018 Swatara Watershed Association event schedule:

- **April 26 High School Envirothon @ Middle Creek.**
- **April 21 United Way Day of Caring**, 9:30AM--clean-up both Swatara Watershed Park at 1929 Blacks Bridge Road, Annville and the Bordner Cabin. Register on the United Way website for a free t-shirt, and to let us know you're coming. Refreshments provided. http://www.unitedwaylebco.org/volunteer/day-of-caring-volunteer **FREE**
- **April 29, 1PM, Lebanon Valley Conservancy @ Middle Creek.**
- **May 3 Middle School Envirothon @ Levitz Park.**
- **May 5-6 Swatara Sojourn** will start from the campgrounds at 9:30AM. **Pre-registration required** to participate. Visit www.SwataraWatershed.com for more details.
- **May 10 Elementary Envirothon @ Coleman Park.**
- **July 5 Watermelon at the Waterworks**, 9:30AM—walk our adopted launch at the Fish and Boat property, and pick up litter, Afterwards, enjoy watermelon and conversation with members of SWA. All are welcome. **FREE**
- **July 13-15 Swatara Food and Brew Weekend** at many local restaurants and pubs—Batdorf, Fredericksburg Eagle Hotel, Mount Gretna Craft Brewery, Quentin Tavern, Snitz Creek Brewery, Swatara Coffee…. **Visit a different venue each day to try unique dishes and drinks.** Watch the

Swatara Water Trail Facebook page for more sponsors and information. https://www.facebook.com/SwataraWaterTrail/

- **September 16 Bordner Cabin Hike and History Tour**. 1PM, meet at Sand Siding Trailhead in Swatara State Park. **FREE**
- **November 15, The Swatara Story,** noon at Londonderry Village. **FREE**

3.9.2018

Welcome. In attendance: Dick & June Blouch, Fred Folmer, Tom Embich, Ann Lasky, Jo Ellen Litz, Jack Rudick.

Secretary's Report: **The Secretary's report was emailed, posted on-line, and unanimously approval on a _____ motion**.

Treasurer's Report: **Denny Miller's treasurer's report, which was submitted in writing, was approved to file for audit on a _____ motion**. The mortgage on 1929 BBR stands at **$9,895.09**. This month's payment of $350.42 consists of $317.63 in principal and $32.79 in interest.

- $900 Penny Daugherty for campsites 21 & 22;
- $100 Izaak Walton League Sojourn Sponsor;
- $210.87 Red Canoe-Mount Gretna Craft Brewery Sojourn Sponsor donation;
- $350 PEC, final **2017** Sojourn grant reimbursement.

On a Folmer/Embich motion, SWA approved a $505 payment to Lebanon Valley Insurance Company.

1929 BBR--Tom Embich—**On a Folmer/DBlouch motion, SWA approved purchase of posts as needed for Tom to mark campsites with tags.**

- 2018 Campsite agreements emailed to last year's campers.
- Jim Myers is installing our gate at the campground.
- Tom will notify the power company about a large poplar and a red oak tree leaning towards the power line at site 24. He notes that studies by the University of Maine show our forests are changing. Warm winters allow Beech Trees to spread north. Also, we are losing species of trees to the Gypsy Moth, Emerald Ash Borer, Spotted Lantern Fly, and a black fungus on Chestnut Oaks.
- Fred volunteered to cut up fallen trees, especially the tree blocking site 1.
- Tom stated that it was unusual that the campground flooded twice over the winter. A lot of debris was left behind that needs picked up.
- United Way Day of Caring volunteers requested to shovel mud from the ramp, pick up debris, and stack limbs.
- Tom will acquire plumber bids to repair the spigots.
- Tom will complete Seasonal System Requirements Revised Total Coliform Rule PWS#7380376

Projects Available: Concrete porch piers; floating dock; stabilize bank.

Baseline Water Quality Data Program Grant: No report.

- **Bordner Cabin:** United Way Day of Caring volunteers signed up from Compeer.
- Tom shared his progress on the wagon wheel spokes, and the hand work needed. Dick and June will see if Londonderry Village's woodshop would be willing to assist.
- Ash benches—no report.
- Tom will provide a list of Registration numbers on the best canoes to register with PA Fish and Boat Commission.

Mike Willeman ash benches and 3" slab lumber? Tom wheel spokes?

Projects Available: Restore spokes in two wagon wheels; porch bench; chimney repair; walkway improvements; 2 Amish solar lights.

Bridges: Trees are once again blocking Yordy's Bridge.

Eagle Scouts/Interns: Eagle Scout Hall of Fame album on Facebook: https://www.facebook.com/pg/Swatara-Water-Trail-86311524094/photos/?tab=album&album_id=10151572544779095

Little Swatara: Fred Folmer will make a presentation on the invasive Spotted Lantern Fly Saturday lunch on the Sojourn. The nasty bug is causing concern in 13 counties. He passed out plastic cards with a picture and some statistics on the pest, which thrives on Tree of Heaven. The TofH looks similar to Sumac with it's base leaves. If you pinch the underside pimples at the base and it smells like rancid peanut butter, it's Tree of Heaven. Eradicate it. Eggs are laid in October, and hatch in May. The egg masses are dark brown with a waxy appearance. Scrape them into a baggie with isopropyl alcohol to destroy them.
Fred will also present at Camp Swatara off of Route 645 near I78.
The Little Swatara is creating a list of infrastructure to mark and paint "Drains to the Bay." Further, they're holding a recycling program through a Junk Fair where students make art from discarded items, and will award three $50 prizes.

LV Conservancy: Dick Blouch said that Jack Hubley will again present his wild animals at a Conservancy event. The Conservancy is also hiring a fundraiser.

MS4: Tom reports the MS4 program is pitting economics of the Chesapeake Bay watermen against local farmers over phosphorus. When sediment, specifically clay that the phosphorus binds to, erodes from our banks, downstream where it leaves fresh water and mixes with salt water, the phosphorus is released around the Bay Bridge, and the water turns green from algae bloom. Turbidity results.

As an unfunded mandate, the MS4 program expanded to require nonpoint sources of run-off to be mapped and controlled. Comparing this to a football game, the most gains occur near the 50-yard line. The closer you get to the goal, the harder it is to cross. Wetlands and the Bay will fill in. It's a natural process that cannot be controlled 100%. Therefore, it

would be more realistic to maintain an 80-90% storm-water compliance rate. To try and stop the inevitable is costly, and will unduly burden property owners.

Quittapahilla: Ann Lasky reported that the Palmyra School District will assist on Earth Day. Tom suggested clearing poison hemlock before the students arrive. The QWA is planning an event around the acquisition of the Graham property.

Pipelines: Rumors were going around that Williams Atlantic Sunrise hit the main water line coming down from Seigrist Dam. Jonathan Beers said that, "They are crossing our 30-inch raw waterline. But have not hit it."
Next, Sunoco's Mariner 1 has been closed due to sinkholes around the 87-year old line near residential areas in Chester and Montgomery Counties.
Rail Trail: Black and white maps of the Trail are available.

7. Union Canal Tunnel Park is waiting on shingles to arrive to roof the Krall Barn. The Historical Society received a $30,000 grant to connect to the Trail at two places, erect signs, install benches….
8. West Lebanon Township is waiting on an evaluation by LTAP concerning the Township's Cease and Desist order for sidewalk behind the Lebanon Valley Mall. At issues is whether the County needs a separate sidewalk permit to comply with ADA standards to go through the tunnel even though they proposed no changes to the existing red-light and pedestrian signals, which will be utilized.
9. George Chrisitan said the County has a verbal agreement to proceed to Long Lane. The agreement has yet to be signed.

RSVP: Please complete your forms for Jo Ellen to validate, and send in mileage and your time.

SOJOURN: 30th Anniversary **Proclamations** received to date: the County of Lebanon, Annville, North Lebanon, North Londonderry, and South Annville Townships.
Celebrating a Cool River—the Swatara.
https://www.facebook.com/pg/SwataraWaterTrail/photos/?tab=album&album_id=10156451825219095

- Shore support: **Laurie Andrews, Jack Stauffer**
- Vans: **Tom Embich** will make arrangements with Mease Motors. Jo Ellen & Tom will pick up Vans. **Ben Miller** additional transport; scout. **Fred Folmer** tow rented canoes and, along with **Jack Stouffer**, man the equipment van and trailer. **Jack Rudick** will drive on Sunday. **Denny Miller** will provide drinks and be a runner.
  Safety: Andy and Liz are unavailable this year. Approach the Carter's and Dick Morris about staffing the portage point.
- Food: **June Blouch** breakfast both days.

Programs –

Saturday Lunch at Boat House Road Park: subs June & Dick--Program on **Spotted Lantern Fly**.

Saturday Dinner (Delivered @ 5PM): potpie from Ono Fire Co. Program on **Drones**; **Paint Night**. **Campfire**.

Sunday Lunch at Schiavoni Park: pizza Ann & Dave--Program on the **Lebanon Valley Rail Trail**.

Group Picture.

Create a mural/poster using numbered blocks. At registration, each participant may donate $1 for a 3" square to paste onto a frame depicting the 30th anniversary of the Swatara Sojourn. The finished collage can be auctioned off. Participation is not limited to the Sojourn. At other events, the project can be part of our display, and the public afforded an opportunity to support SWA with their participation.

SRBC:

Swatara Food & Brew Weekend 2018. **July 13-15. Ben:** A meeting of restaurant partners took place Monday, February 26,10-11am between Fredericksburg Eagle Hotel, Mount Gretna Craft Brewery, Quentin Tavern, Snitz Creek Brewery, and SWA. Ben presented a PowerPoint. His wife created a special logo for the event. SWA presented Bags of Swag to Tavern owners. Included were the EELS and Mills and Bank Barns books, a water conservation kit, license plate….

Tavern Owner Feedback included:

34. Ordering Pilsner glasses with the Swatara logo to offer to customers so that they can keep a souvenir. SWA would coordinate a bulk purchase based on orders from Taverns.
35. Making our video used in the heading to our Facebook page available to run on Sports Bar televisions. Upon request, longer videos can be created.
36. Chefs will be busy coming up with Swatara dishes. We may even have a chef cook-off at some point. The interest in food and resulting "clicks" on social media was reviewed. This aspect makes the event desirable coverage by media.
37. Mount Gretna Craft Brewery will be brewing a new batch of Swatara Divide; and Snitz Creek will be brewing their Swatara special too. 1/6, ¼ and Kegs will be available.
38. Snitz Creek also requested a large framed map for their wall. Cocoa Kayaks may sponsor the frame.

All in all, we anticipate about 20 restaurants and/or pubs to participate in the event. All pubs will be invited to tap the Swatara special brews.

Next Steps: Prepare an agreement of participation for Tavern owners to sign. Assign teams to visit the Taverns. Add the Blue Bird to the list.

Water Conservation:

Other: Swiss Dairy notified two dozen, and Dean Foods notified 130 farmers that they have 90 days to find another outlet for their milk. Jo Ellen wrote a blog to share ideas on how we can help local farmers.
http://blogs.ldnews.com/peopleabovepolitics/2018/03/08/saving-family-farms/
Tom suggested adding that Hershey, Rutter's and Turkey Hill may accept the milk. They may have the ability to turn it into powdered milk, which would transport well, especially overseas.

It's almost spring, and time to list our vintage canoe on Craig's List.

The meeting was adjourned on a motion by Embich/Folmer__.

2018 Swatara Watershed Association event schedule:

- **April 21 United Way Day of Caring**, 9:30AM--clean-up both Swatara Watershed Park at 1929 Blacks Bridge Road, Annville and the Bordner Cabin. Register on the United Way website for a free t-shirt, and to let us know you're coming. Refreshments provided. http://www.unitedwaylebco.org/volunteer/day-of-caring-volunteer **FREE**
- **May 5-6 Swatara Sojourn** will start from the campgrounds at 9:30AM. **Pre-registration required** to participate. Visit www.SwataraWatershed.com for more details.
- **July 5 Watermelon at the Waterworks**, 9:30AM—walk our adopted launch at the Fish and Boat property, and pick up litter, Afterwards, enjoy watermelon and conversation with members of SWA. All are welcome. **FREE**
- **July 13-15 Swatara Food and Brew Weekend** at many local restaurants and pubs—Batdorf, Fredericksburg Eagle Hotel, Mount Gretna Craft Brewery, Quentin Tavern, Snitz Creek Brewery, Swatara Coffee…. **Visit a different venue each day to try unique dishes and drinks.** Watch the Swatara Water Trail Facebook page for more sponsors and information. https://www.facebook.com/SwataraWaterTrail/
- **September 16 Bordner Cabin Hike and History Tour**. 1PM, meet at Sand Siding Trailhead in Swatara State Park. **FREE**
- **November 15, The Swatara Story,** noon at Londonderry Village. **FREE**

2.7.2018

Welcome. In attendance: Jo Ellen Litz, Ben Miller, & Denny Miller. No quorum. Electronic votes requested, please.

Secretary's Report: **The Secretary's report was emailed, posted on-line, and unanimously approval on a _____ motion**.

Treasurer's Report: **Denny Miller's treasurer's report, which was submitted in writing, was approved to file for audit on a _____ motion**. The mortgage on 1929 BBR stands at $10,208. 03. This month's payment of $350.42 consists of $312.94 in principal and $37.48 in interest. The three members in attendance focused on finances. Denny is willing to stay on as Treasurer. Everything is ready for the CPA, and Denny will get a written quote prior to leaving our work with him.

1929 BBR--Tom Embich. **VOTE of affirmation requested:** Gate bid from Jim Myers for the Park entrance. Installation of two 14' gates that meet in the center would cost of $2250, and is recommended by Mike Willeman. Denny provided a check for $750 in advance.
Projects Available: Concrete porch piers; bollards at entrance; floating dock; stabilize bank.

Baseline Water Quality Data Program Grant: The County is evaluating if they can raise a 15% match for a $250,000 grant for USGS to establish Baseline Water Quality for wells in the County. It may require funding from our 4 local hospitals and 3 public water supplies who have a vested interest in clean water.

Bordner Cabin: **Chris Houck is the acting Park Manager for Swatara State Park.**
Mike Willeman ash benches and 3" slab lumber? Tom wheel spokes?
Projects Available: Restore spokes in two wagon wheels; porch bench; chimney repair; walkway improvements; 2 Amish solar lights.

Bridges:

Eagle Scouts/Interns: Eagle Scout Hall of Fame album on Facebook: https://www.facebook.com/pg/Swatara-Water-Trail-86311524094/photos/?tab=album&album_id=10151572544779095

Little Swatara: Fred Folmer said

LV Conservancy: Dick Blouch

Ms4: Tom reports

Quittapahilla: Ann Lasky reported

Pipelines:

Rail Trail: Rafters are on the Krall .

RSVP: Please complete your forms for Jo Ellen to validate, and send in mileage and your time.

SOJOURN:
- Shore support: **Laurie Andrews, Jack Stauffer**
- Vans: **Tom Embich** make arrangements with Mease Motors? Jo Ellen & Tom pick up Vans. **Ben Miller** additional transport; scout? **Fred Folmer** tow any rented canoes? **Bob Arnold and Jack Stouffer** may man the equipment van and trailer? **Denny Miller**, runner. **Please commit if you can.**
- Food:

June Blouch breakfast both days?

Programs –
Saturday Lunch at Boat House Road Park: subs June & Dick?--Program on
Saturday Diner (Delivered @ 5PM): potpie from Ono Fire Co. Program on

Sunday Lunch at Schiavoni Park: pizza Ann & Dave?--Program

SRBC:

Swatara Food & Brew Weekend 2018. **July 13-15.** Post on community calendars. Ben is leading the effort. A meeting of restaurant partners is scheduled for Monday February 26 from 10-11am.

Water Conservation: Water Quality Report:

Other: Ben report on results of Mt. Gretna Brewery Swatara Trivia pending.

Ben Emrich Launch at Harper's. Ask Stephanie if NRCS Engineer is free. If so, proceed.

The meeting was adjourned on a motion by _____

2017-18 Calendar:

March 7, 2018 next Swatara Watershed Association meeting, 9:30AM

May 5-6 Swatara Sojourn – 30th anniversary. Watch www.SwataraWatershed.com for more information.

July 5 Watermelon at the Waterworks. 9:30AM. Litter clean-up of our adopted access on PA Fish and Boat property similar to adopt-a-highway. Afterwards, we enjoy watermelon. Bring a lawn chair, insect repellent, gloves, & sunscreen. We provide the garbage bags.

July 13-15 Swatara Food and Brew. Watch www.SwataraWatershed.com for more information.

September 16 Bordner Cabin Hike and History Tour. Meet at Sand Siding Trailhead in Swatara State Park. Bordner Cabin Trail Map and history @ http://users.mbcomp.com/swatara/State%20Park/bordner_cabin.htm

1.3.2018

Welcome. In attendance: Dick and June Blouch, Fred Folmer, Ann Lasky, Jo Ellen Litz, and Ben Miller.

ELECTION OF OFFICERS: On motion by Dick Bloch, seconded by Ann Lasky, the following slate of officers was unanimously elected: Jo Ellen Litz, president; Ben Miller, vice president; and Fred Folmer, secretary. The treasurer's position will be filled at a future meeting when Denny Miller and new Board member Gavin Bender can be in attendance. **On a Fred Folmer/Ben Miller motion, the following Board members were approved: Bob Arnold, Gavin Bender, Dick Blouch, Chuck Cravotta, Tom Embich, Stephanie Harmon, Ann Lasky, Jack Stouffer, Mike Willeman.**

Secretary's Report: **The Secretary's report was emailed, posted on-line, and unanimously approval on a Dick Blouch/Fred Folmer motion**.

Treasurer's Report: **Denny Miller's treasurer's report, which was submitted in writing, was approved to file for audit on a Fred Folmer/Ann Lasky motion**. Denny's absence excused.

1929 BBR--Tom Embich absence excued.
Jo Ellen shared gate bids from Jim Myers for the Park entrance. Installation of two 14' gates that meet in the center would cost of $2250; or a 16' gate with "fenced" sides, $1875. Mike Willeman recommends the first design. An email ballot will be requested.

Projects Available: Concrete porch piers; bollards at entrance; floating dock; stabilize bank.

Baseline Water Quality Data Program Grant: Jo Ellen shared a Patriot and Lebanon Daily News article chronicling pipeline spills in Lebanon County. Further, the County is evaluating if they can raise a 15% match for a $250,000 grant for USGS to establish Baseline Water Quality for wells in the County. It may require funding from local hospitals and public water supplies who have a vested interest in clean water.

Bordner Cabin: Mike Willeman ash benches and 3" slab lumber? Tom wheel spokes?
Projects Available: Restore spokes in two wagon wheels; porch bench; chimney repair; walkway improvements; 2 Amish solar lights.

Bridges:

Eagle Scouts/Interns: Eagle Scout Hall of Fame album on Facebook: https://www.facebook.com/pg/Swatara-Water-Trail-86311524094/photos/?tab=album&album_id=10151572544779095

Little Swatara: Fred Folmer said their group will continue drainage awareness with markings. Further, a surveyor is delineating a wetland boundary by Bethel Municipal Building.

LV Conservancy: Dick Blouch said the Conservancy submitted a grant request for Wengert Park. He also highlighted cooperation with the Kittatinny Ridge coalition and the Cold Spring Hotel. Next, he made members aware of an annual appeal. They're looking for a 2018 leader. Finally, Dick reviewed a recent meeting touring the Larry Herr preserved farm

Ms4: Tom reports

Quittapahilla: Ann Lasky reported their group held a Trail Day before Christmas when they spread mulch purchased by the Township.

Pipelines: Jo Ellen Litz reported checking on the progress of Williams Atlantic Sunrise, and discovered that, on Christmas eve, work stopped at the Swatara Creek on Swatara Drive in the Waterworks. Drone video was posted YouTube. https://www.youtube.com/watch?v=zZem2LXTfII The Lebanon Daily News and other outlets are reporting that Sunoco Mariner East work has been haulted.

Rail Trail: The Krall Barn is progressing nicely. The Eastern log crib is up, and the Western log crib is one-half way up. Cold set in, and no additional work has taken place for about a week. Lebanon PA Over 40 will raise funds to sponsor an indoor improvement.

RSVP: Please complete your forms for Jo Ellen to validate, and send in mileage and your time.

SOJOURN: Planning will take place at the February meeting.

SRBC:

Swatara Food & Brew Weekend 2018. **July 13-15.** Post on community calendars. Ben will lead effort. A meeting of restaurant partners will be established in the near future.

Water Conservation: Water Quality Report: Waiting on USGS groundwater testing program meeting.

Water Trail— Gavin Bender installed the last Water Trail sign on Christmas Eve.

1. **Lebanon Daily News did a follow-up** article in Saturday's paper.
2. **Drone video** is available on the installation activity at Schiavoni Park in Dauphin County. https://www.youtube.com/watch?v=S0VHNjpUpkQ
3. The final report was filed with PEC.
4. **Thanks to everyone involved!**

Other: Ben shared three items:

1. Ben saw a tv show about the Coleman's and opera fudge. Jo Ellen shared some mock opera fudge with attendees.
2. Mt. Gretna Brewery would like to hold a Swatara Trivia night one Thursday from 7-9. **On a Fred Folmer/Dick Blouch motion, the Board gave Ben approval to work with MBG to set up the Trivia event.**
3. Ben provided estimates of needed gravel for the Emrich Launch at Harper's. There is a 3000 sq' (40'x75') parking area, 250' of drive to the ramp, and 65' of ramp that is 8' wide. He'd like to complete the project by May. In 2011, after Tropical Storm Lee, we used 2B stone at the Watershed Park. Ben was given permission to seek donations on behalf of the Swatara Watershed Association. He was asked to keep the Township, via Mr. Emrich, informed. This is an historic access on the 60-mile long Swatara Water Trail where coal trucks hauled dredge material from the Swatara for the foundry.

The meeting was adjourned on a motion by Fred Folmer, and seconded by Bob Arnold..

2017-18 Calendar:

January 25, 2018, 7-9PM, Swatara Trivia night at Mt. Gretna Brewery. Corner of Rt. 322 and Rt. 117 (Forge road) Campbelltown

February 7, 2018 next Swatara Watershed Association meeting, 9:30AM

May 5-6 Swatara Sojourn – 30th anniversary. Watch www.SwataraWatershed.com for more information.

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