



WHITE CLAY CREEK
National Wild & Scenic River
Ours to Enjoy. Ours to Protect.

Second Quarter Meeting Minutes and Reports to Committee

June 16, 2015, 9:30am - noon

New Garden Township Building, 299 Starr Road, Landenberg, PA 19350

Attendees:

Julie Bell	Ed O'Donnell	Brian Styche	Doug Janiec
Tom Hubbard	Patrick Heringslack	Kyle Sonnenberg	Don Peters
Rick Mickowski	Kristen Travers	Tom Coleman	Virginia Eisenbrey
Jeff Buler	Peter Demicco	Nicki Taylor	Martha Narvaez
April Schmitt	John Jackson	Beth Burnam	John Thaeder
Shane Morgan			

Approval of March Minutes

Announcements

Landenberg Junction Trail Celebration, Saturday June 27, 10am (Rain Date June 28)

Hunt at Louviers Sign Dedication (Date TBD – late summer)

Christina Basin Bus Tour, September 11, 9am-4pm

Financial Report(s)

Second Quarter 2015 Statement of Financials reviewed, no questions asked.

FY2015 Work Plan and Budget Approved for \$95,000

Presentation

John Thaeder (Artesian) presented the monitoring plan for the proposed Broad Run Well in New Garden Township. This plan is currently under review by the Delaware River Basin Commission (DRBC) and will be on the docket for the September hearing.

Artesian has a yearlong plan to measure stream level and stream flows. There will be additional well monitoring if residents are willing. Two existing piezometers and two new piezometers will be installed to measure water depth, and one stream gage at the bridge crossing on Newark Road will be monitored. Two months of baseline data will be collected before pumping. Tom C. suggested that data loggers be placed in the piezometers.

Pete Demicco (geologist contracted by Artesian)

Don P. questioned residents' reluctance towards having their wells monitored. Pete D. stated that the hold harmless clause in the contract is likely the reason why residents

are reluctant, but he is uncomfortable removing that clause due to previous experiences.

Pete D. also indicated that they will be using historical data from White Clay Newark and that they will be comparing the Broad Run Drainage area to the entire White Clay drainage area. He stated that the hydrographs from White Clay Newark matches the stream flow seen at Broad Run when scaled to drainage basin size.

Doug J. suggested that they also measure flow when it leaves the study area. The bridge with the existing gage is with in the cone of influence and if their bridge flow drops and WCC Newark stays the same that will be an indication that the well pumping is influencing the stream flow, which would be a problem.

When asked about low flow, Pete D. mentioned if they get down to 7Q10 levels (or 1 in 10 year flows) they will pay close attention but will likely continue pumping as DRBC is interested in learning what would happen at those levels.

Artesian will also test water samples from the wells for MPA (molecular particular analysis). If they see this it mean that it is connected to the stream. Doug J. commented that this would be an extreme case if particulate matter was found in the well samples.

Tom Coleman mentioned that the City of Newark had their hydrogeologist look at the monitoring plan and he was comfortable with it.

Pete D. also mentioned that Artesian would be monitoring conductivity levels. If the well starts matching the stream conductivity levels then this would show a connection and they would need to look closer. Typical groundwater conductivity levels (chlorides) are at 4-5, they saw @40 in the well samples. 250 if the safe limit set by EPA. They believe this high level in groundwater is due to road salt. Artesian will also measure turbidity and would suspect a spike in turbidity especially during a storm event should there be a connection to the stream. Pete mentioned that Nitrates were low in the well given it's proximately to a cattle farm.

It was asked whether they would take into account a wet year versus a dry year. Artesian will monitor precipitation. DRBC will determine whether they need to continue monitoring past one year.

Old Business

Revisited COFAR Rules: Most of our partners believe they are not in compliance or are unsure as to whether they are in compliance. NLT does not need to worry about this until the new contract agreement since they did not receive any FY15 funds. Shane stated we need more information and a meeting with NPS and the Lower Delaware, NLT, and White Clay will be held in late July to disseminate more information and

answer questions. Dave Hawk will attend, but it would be good to have a few more people present, such as the co-chairs and Tom Zawislak. Shane noted that she would be out of town that week. Julie commented that they might also have an additional meeting just for White Clay following this larger meeting.

Shane revisited tasks listed from the special meeting on organizational structure of WCWS/WCWA held in February. She mentioned the need to have a watershed association meeting before we can really move forward. Doug J. mentioned that we may be able to put together an action list and take an email vote if we couldn't get a meeting together. Shane mentioned that if we want to go for a Chester County Community Foundation (CCCF) grant to help with WCWA planning that it is due September 15. Shane mentioned the need to rebuild and recruit new and more diverse membership and then make a plan to fundraise. Doug, Kyle and Shane will work to put a task list/agenda together for the meeting and aim for a July meeting.

New Business

Shane thanked everyone who filled out the poll she sent out. She encouraged those who did not fill it out to do so as it helps her to understand the interests and motivation of each member. This will help her when she needs assistance and isn't sure who would be the best contact for specific projects or questions. She will resend the link with the minutes.

Shane handed out the current Steering Committee List and the Steering Committee Rules of Procedure. The list was reviewed for vacancies and expiring terms and potential new members were discussed. It was determined that there were several people who have been on the Committee for extended terms. They should be asked if they wish to continue to serve on the committee and a formal vote should be taken at the next meeting. Shane will reach out to Dorothy Miller. The main points from the discussion are summarized below:

- Linda Stapleford resigned due to time constraints, but will remain involved with the Watershed Association and the Citizens Advisory Committee.
- Phil Geoghegan resigned as the PA co-chair and Don Peters agreed to continue on as the PA chair.
- Kyle and Don were both asked if they would like to complete another three-year term as co-chairs and they both agreed.
- Brian Styche from Chester County Planning Commission (CCPC) was present and willing to fill the vacancy left by Jake Michael (CCPC) on the Committee.
- Shane mentioned that Mike Zuk (Chester County Conservation District) was moving into the watershed and interested in getting more involved with the White Clay. Shane suggested that we ask him to join the Committee.
- Jeff Buler (London Grove Township) was discussed as a potential member since he has been attending our meeting for the past two years. He would still like to

participate in the meetings, but is holding off on becoming a member until he has more time to commit.

- Tom Coleman (city of Newark) was asked to join the Committee and he accepted.
- A few other names were suggested, such as Jan Bowers, but it was decided that perhaps they would fit into more of an Advisory Committee.
- Doug J. suggested we add someone from DNREC State Parks or White Clay State Park specifically. Shane mentioned that Sue Stats filled in for Nick McFadden when he retired but is not often present at the meetings. Shane mentioned she would ask Barbara Woodford if she was interested in joining or being an alternate representative so that we have a Delaware parks presence at every meeting. Doug will reach out to Ray Bivens.
- A motion was made by Rick McKowski to renew the co-chair terms and approve the three new members, Tom Coleman, Brian Styche, and Mike Zuk. Ed O'Donnell seconded the motion. Shane will contact Mike Z. before the next meeting to see if he will accept.
- Shane asked if everyone was happy with how the Subcommittees were operating or if they would like to meet more regularly. Education Subcommittee is small and meets as needed through out the year, which works well. The Restoration Committee meets sporadically, and smaller 'ad hoc' committees are used for specific projects. The Committee agreed that this was fine. The Open Space Committee rarely meets and Beth Burnam noted that she would like to meet soon and chart a path forward as some priorities may have changed such as new focus on agricultural projects. Shane will touch base with Beth and set up a meeting before the next quarterly meeting.
- Shane asked if she could shift the quarterly meetings to reflect the actual quarters with the exception of maybe the summer meeting since July is a popular vacation month. She indicated that having the meeting after the quarter ends would align with our NPS reporting and quarterly budgets, making it easier to do one report. She proposed an Oct-Jan-April- June/July meeting structure. The Committee agreed.
- Shane will send out the updated Steering Committee List to all members to review and update any contact information as necessary once she contacts the new and extended term members.

Subcommittee Reports

Education/Outreach

- Kristen Travers updated the Committee on the Christina Basin Education Group and Delaware Nature Society's "Clean Water" campaign. After a successful Clean Water Rally and many discussions with legislative leadership, it was decided by sponsors from both the House and Senate to discontinue work on the legislation. Instead, a resolution will be introduced that will create a task force charged with reviewing all potential funding options and provide a

recommendation to the General Assembly by January 2016. The hope is, based on those recommendations from the task force, that a bill will be introduced in January of 2016 with leadership support.

- Shane updated the Committee on the Signage/Graphics progress. Specifically:
 1. Completed design of Social Media Icons.
 2. Completed design of BMP Marker Signage.
 3. Completed interpretive signage for the Hunt Stormwater Basin Retrofits in Newark.
 4. Completed design for watershed signage. Going to use darker colors so that they show up more and don't fade out as quickly.
 5. Shane asked to move the website from Wordpress to Squarespace and showed the committee the trial site. Squarespace is user friendly, professional looking, mobile friendly, and about the same cost as our current provider (1&1). Approximate costs are \$192 annually plus \$20/year for the domain. The committee approved. Martha noted that it is important that Shane manage the content so that our audience knows where to find the information and that this should be sorted out before we make the switch. Shane agreed and added that she is still looking into getting help with content management and that Squarespace offers project assistance for a fee.
 6. Shane asked to use Mail Chimp (free up to 2000 subscribers) for more professional looking and simplified email list (especially for general interest subscribers who sign up a volunteer and outreach events who do not want to be part of a forum). Shane indicated that the CCIL lists will still be active and can still be used as a forum to share and discuss ideas. The Committee approved.
 7. Shane is still working on feasibility of an all-inclusive WCC trail guide. The committee made it clear that having online trail maps is the way to go especially with all the changes and updates on trails. It was also suggested that perhaps an overall watershed map with break out sections based on specific regions in the watershed with more detailed trails and information could be the best way to tackle this.

Research and Restoration

- April S. updated the Committee on the spring White Clay Clean Up. Forty eight volunteers filled approximately 35 large bags of dump waste, 6 large bags of garlic mustard plants, and about 50 large bags worth of other non-seeding invasive plants left piled on site (mostly multiflora rose & Japanese honeysuckle).
- Shane mentioned that Jerry K. will receive \$5000 in White Clay Restoration Funds for the combined historical study and removal of Dams 2 & 3 (projected to be removed this year). Tom C. mentioned that the two dams are so close together that there would only be one permit needed. He also mentioned that they would be lumping it with another project involving a new water main crossing.

- Shane introduced Patrick Heringslack, the 2015 summer intern conducting bacteria monitoring in the Pennsylvania portion of the watershed. Patrick will be collecting E. coli samples from 12 existing sites and organizing/quantifying existing data to develop a plan of action specifically for the East Branch.
- Shane and Don updated the Committee on the New Garden Park Riparian Buffer Project. Specifically:
 - Master plan completed for entire park
 - Fall buffer plantings, no mow floodway, enhanced pocket wetlands
 - Interpretive signage for overlook UWDE to help fund
 - Potential rain garden off municipal lot
 - Phase 2 planning-pipe day-lighting will need to apply for another growing greener grant. Landstudies is working up a conceptual sketch and budget for phase 2.
- Shane mentioned that she received a copy of the Natural Resources Ordinance Review completed by Chester County Planning Commission from Jake Michael. She noted that there are some discrepancies in the document and that there is a need to review with the municipalities. The path forward is unclear, but we will be using these as well as the research collected by former UD intern Kate Miller to put together a rating chart for the 15 year report.
- The Committee discussed the proposal from Gaadt Perspectives to develop a 5 year action plan for the White Clay and while the Committee supports the proposal it was decided that we do not fund grant writing. It was suggested that Gaadt Perspectives apply for the grant with WCWA as the sponsor and should the proposal be awarded the WCWA would then hire Gaadt Perspectives to do the work.
- The Committee agreed to offer a letter of support to Mowery, LLC for the mushroom farm wastewater treatment proposal. Brian S. mentioned that the CCPC also wrote a letter of support and discussed this with the Conservation District to get their feedback, which was favorable. Shane will get this letter out to Adam before June 30.
- Other Potential Projects on the Horizon:
 - Shane mentioned she met with the Somerset Lake Committee in late March to review some potential steps they could take to improve water quality of the lake. They will apply for a 2015 Growing Greener Grant, but it is unclear what the specific proposal will be to improve lake water quality. New Garden Township will sponsor the Lake Committee for the grant application. Shane agreed to review the proposal as well as provide some in-kind services to help with their outreach to the community which they will be starting this month. Each month will be a different topic relating to involving the community in improving water quality such as using rain barrels, installing rain gardens, etc. The outreach is not dependent on the grant.
 - Shane noted there are a few projects being considered for White Clay Restoration Funds, but that no specific proposals have been put forth yet

to vote on. The potential projects include a Cool Run Riparian Buffer (Newark), Curtis Mill Riparian Buffer (Newark) and a White Clay History Book/Documentation. Shane has tried to hook Martin Wells up with Paul Lagasse (Franklin HARB, Franklin Historical Commission) to move this forward.

- Shane noted the need to invest in post green infrastructure management to protect our investment. Most of the green BMP's, if not managed regularly by professionals (educated in land management and ecology), are being overrun with invasive species once we walk away. It's not enough to train municipal employees once or twice a year. Kyle S. suggested this may need to be a budget line going forward if we intend to keep installing green BMPs. Doug J. mentioned building maintenance into grants to pay for training of the sponsor.

Open Space (Land Preservation and Recreation)

- Open Space Updates (Erin) see attached NLT report
- Beth Burnam mentioned that Brandywine Conservancy completed the riparian buffer assessment for New Garden, but the township did not want to move forward since they just updated their Natural Resource Ordinance not too long ago. They are still working with London Grove and New London. They are also updating the riparian forest mapping for these municipalities.
- Beth mentioned that there is a 20-acre reforestation project they are working on along the East fork of the East Branch. They need some help with the funding and may ask to reallocate some existing funds to this project.

Shane asked if there were any questions regarding the Management Plan Coordinator Report, NPS River Manager Report, or Natural Lands Trust Report sent out with the agenda. No questions were asked. (Note: these reports are added to the minutes below)

Meeting adjourned at noon.

Management Plan Coordinator Report to White Clay Steering Committee 06162015

- Presented talk on Hunt Basin Retrofits at the Annual Mid-Atlantic Society for Ecological Restoration conference with Claudia West. Attendance: @80 in our session
- Met with Somerset Lake Committee at their monthly meeting in April to help them determine path forward with lake water quality. They are now applying for Growing Greener funding to implement some of the strategies laid out in the

Lake Study and Management Plan completed in 2013. There may be potential here for us to partner with them.

- Continue to work with New Garden Communication Committee to provide quarterly articles to their e-newsletter focused on water quality projects. Summer newsletter to go out late June. Article will target cryptosporidium in the water, highlighting projects WCWS has undertaken with partners, and also noting what residents can do to keep harmful bacteria out of the creek. (membership 439, 62% average open rate, 22% average click rate - high compared to industry averages of 24% and 4% respectively)
- Contributed and will continue to contribute quarterly to London Grove Township's e-newsletter. No stats reported back to me.
- FaceBook Reach: last quarter 8.5K up to 13K reach, up from 173 to 452 likes (largely due to Creek Fest)
- Creek Fest Update: attendance increased by ~200 up to 1400. Surveys show that people enjoy it, get the message we are sending, and are likely to return. Post Creek Fest Meeting discussed how large we can handle and determined 2000 to be the upper limit. We need new committee members: one from the Friends of PA WCC Preserve, one from Friends of DE WCCSP. Produced promotional video about White Clay Creek at Creek Fest (video #2 in the series of Christina Connections videos being created for the Christina Basin).
- School programs update - This past spring we funded a 4.5 hour stream study for 31 students from Assumption BMV, West Grove, PA to Stroud (\$700 -no transportation needed), Holy Angels plans to attend in the fall. UD WRA intern created a map and list of addresses and contact information for all schools K-12 schools in the watershed, public and private. Shane will send out a letter to each school this fall to remind them of the available programs and funding in an effort to get more schools out in the watershed.
- Goddard Park Rain Garden(s) London Grove Township (LGT) - May 15 volunteer enhancement planting with 9 Bank of America volunteers, Claudia West (North Creek Nurseries) and Shane. ~\$1000 in financial support from United Water DE for plants, and in kind assistance from London Grove Township for watering. Working with UWDE and Philadelphia Water Department on replacement interpretive signage for this site. Slated to be on Christina Basin Bus Tour on September 11.
- Wild and Scenic Report Card/15 year report/"Where are we now" report - goal is to have complete report, printed and ready to present, at the WCWA annual meeting in October 2015 (our 15 year anniversary and the 50th anniversary of the WCWA). Draft report will be ready in July.
- Completed two 3-week online courses offered by the National Parks Service to all Partnership Rivers with Water Words That Work. We need an outreach strategy and marketing plan. Definitely need to work on communicating science to regular citizens. Stop the jargon. Three buttons to push: knowledge, concern, and faith in solutions. Increasingly import as you move left to right.
- Tri-state marker trail dedication held on June 6. Estimated 250 attended. WCWS had a discovery station along the trail. Met photographer and trail runner who is publishing a book on the WCC Preserve. Shane was asked provide copy in regards to the WCC and things the community can do to help protect it. Stewart is willing to share his photographs for publications, web use, etc.

NPS River Manager Report to White Clay Creek Steering Committee

NPS-WCWA Cooperative Agreement & 2015 Budget

Total budget for White Clay Creek in FY15 is **\$95,000**, reflecting an additional amount that NLT will not be using this year because the organization has more than \$100,000 remaining in its current Cooperative Agreement for White Clay Creek alone (and an additional amount for Lower Delaware). These include 2012, 2013 and 2014 funds, and the existing Agreement has a no-cost one-year time extension to use these funds by June of 2016.

WCWA submitted a scope of work and budget details for 2015 to NPS, and the entire draft package of documents was submitted to NPS Contracting the week of May 25th and was approved.

New Financial Assistance Rules Update

Very limited guidance on 2 CFR 200 is available through NPS Contracting. The Financial Assistance (FA) Team of NPS Northeast Region will be providing additional guidance and training to us Agreements Technical Representatives during the coming months. Meanwhile, my list of questions from our Wild & Scenic River partners has remained largely unanswered.

Important: A meeting of Lower Delaware Wild & Scenic partners is planned for late July [tbd] to review changes to Cooperative Agreements and financial assistance requirements. Location of meeting will be at one of NLT's facilities in PA (Hildacy Farm, Gwynedd Preserve, tbd). White Clay representatives are invited to attend that meeting if available on the selected date and if convenient. Otherwise, NPS will meet with White Clay representatives separately at a location of their choosing. NLT will send out an announcement shortly. Meeting(s) may be postponed until September depending on availability of the Lower Delaware and White Clay partners.

PSWR 20th Anniversary Newsletter

Wild & Scenic Program Manager Chuck Barszcz distributed an email in May that included instructions for submitting program accomplishments to NPS. Each river should be represented and highlight the top program / project accomplishments of the past 20 years, in anticipation of the 50th anniversary of the Wild & Scenic Rivers Act and 100th anniversary of NPS. NPS is requesting input on metrics, themes, and format for the newsletter – Please read the instructions carefully and submit your information to Chuck **no later than June 30th**. This information can feed into the 15-year program accomplishments for White Clay Creek that you will be developing using the 2015 budget.

Section 7 Reviews:

1) Metro Business Park proposal (Newark, DE)– Per NPS request, the consultant conducted a spotted turtle habitat survey and just completed a bog turtle survey at the request of DNREC. The surveys yielded no live turtles and poor quality habitat. NPS

had also requested a survey of rare plants, in support of DNREC Natural Heritage request, and will need to check with the consultant on the status of that survey.

2) Eastern Short Natural Gas pipeline project (Franklin Township, PA)– After several consultations with FERC and the project applicant, FERC has required the applicant to develop additional alternative pipeline routes and is requesting that they provide the same level of analysis for the existing route as for the preferred and additional alternatives. NPS has requested additional information from the applicant regarding impacts to woodlands, since reforestation of the White Clay Creek watershed is of primary importance to partner NGOs and a major investment. There are potential impacts to LWCF funded property(ies) along the preferred route – NPS is waiting for a response from PA DCNR to confirm whether LWCF funds were used to acquire Franklin Preserve and/or Crossan Park.

3) Jenny’s Run stream restoration (Newark, DE) – Pinebrook Apartments is interested in moving forward with a restoration of severely eroded sections of Jenny’s Run, which flows through the apartment complex. At a site meeting back in April, the apartment manager and consultant met with NPS, USACE, City of Newark, and DNREC to discuss options for mitigating the scouring and erosion upstream of a culvert containing 2 concrete pipes. The objectives are to: 1) Stop the current bank erosion encroaching on a building; 2) Reduce aggradation at the culvert; 3) Minimize encroachments into spaces currently used by tenants; 4) Avoid creating new erosion areas upstream; and 5) Correct and restore area downstream of culvert, including sediment removal and re-establishing free flow. Permitting requirements and schedule of design and construction were discussed, and several options were explored, including re-shaping stream banks, “benching” to re-connect stream with floodplain, some rock stabilization, installation of rock vanes, removal of invasive species, and re-establishing native vegetation along currently mown, grassy areas of bank. Design and permit submission anticipated for early summer 2015.

4) Jenny’s Run culvert removal (Paper Mill Rd, Newark, DE) – City of Newark no longer needs access to what was once a maintenance road crossing Jenny’s Run. Culvert is to be removed, which will improve flow and habitat for this designated stream; however, bog turtle issue surfaced that required the consultant to abide by a time of year restriction (a 3-month window for construction) that will make restoration of the stream channel and banks challenging.

5) Inniscrone culverts (London Grove Township, PA) – US Army Corps inspected the site and confirmed permit violations. The permittee submitted a request for a modification to the permit to redesign a portion of the project. NPS and USACE have requested that the permittee resolve the following issues: 1) sediment/gravel bar redirecting flow into an area where native plants are to be installed; 2) contractor mistakenly installed stormwater outlet in south retaining wall to direct polluted stormwater into creek and cause scouring; 3) natural stream channel must be restored to the extent possible through the 2 culverts, including a “bench” for the future vegetation.

6) Mill Creek Sewer Line Trail (Hockessin, DE) – DNREC and NPS had provided comments on the preliminary concept back in 2013. A smaller pilot project has now moved forward to the Pre-Construction Notification (PCN) phase of permitting through USACE. The proposal through New Castle County Special Services is to utilize sections

of the Mill Creek sanitary sewer right-of-way as a trail and provide access points for maintenance. NPS and DNREC have the same concerns as back in 2013: 1) potential (federally listed) bog turtle habitat; 2) the need to survey for state listed plants; 3) potential wetlands impacts, and 4) the location of the proposed project within a State Natural Heritage Area and DEN (Delaware ecologically important habitat). Exact location of project in relation to existing sewer line is unclear. NPS has not yet received word on the PCN.

7) West Grove Residential Development Project – PA DEP contacted NPS to confirm designation of a tributary to the Middle Branch that could be impacted by this project – no further word on this project since April.

8) Former Avon site (Ogletown Rd, Newark, DE) – An unused formerly industrial and now brownfields property proposed for redevelopment as mixed use residential, retail and office space. Would include some 620,000 square feet of buildings and parking areas, and a trail through the woods. Original proposal called for removal of 50% of existing forest cover, impacts to 2 ½ acres of wetlands, and disturbance to a designated tributary to White Clay Creek (Cool Run). Phase I bog turtle survey conducted and did not find habitat. Northern long-eared bat colony (interim federal listing) less than 3 miles away, and will require a restriction on tree removal and possibly time of year restriction on construction. NPS has requested a rare plant survey to check if any of these Outstandingly Remarkable Values are present. Brownfield Development Agreement reached with DNREC but details on how remediation will be conducted are not yet available – still waiting for Brownfield Investigation Report which was to be public this month. Pollutants include leaking underground storage tanks, areas of dumping of debris and other contaminants, possible PCBs from equipment use and nearby railroad tracks.

Other News

Tim Palmer, world-renowned photographer, was recently in the White Clay Creek watershed taking photos. He is visiting all of our Wild & Scenic Rivers and plans to produce a book of photos to celebrate the 50th anniversary of the Wild & Scenic Rivers system.

NPS Washington Office continues to work on river recreation map database for all of our Wild & Scenic Rivers. I forwarded the information that several of you provided about public access along White Clay Creek, along with corrections to the mapped locations of designated stream segments.

NLT Report to Committee:

Activities this Quarter (1.1.15-3.31.15)

NLT and BC continued land preservation and stewardship activities during this quarter, including participating in quarterly Management Committee meeting. Highlights include:

- In Franklin Township, NLT continued working with the township on the purchase of the D’Andrea property, which is adjacent to 216 acres already owned by the Township. Work this quarter focused on submitting a grant

request to DCNR, and reviewing the appraisal with the landowner. Unfortunately, the landowner was not pleased with the appraised value and is planning to list the property for sale. We indicated that we would welcome restarting our discussion if he is not successful in selling the property.

- In London Grove Township NLT continued discussions with the Boddorffs, owners of 15 acres containing a tributary of White Clay Creek. This project was presented to the WCC Management Committee. The Committee approved the use of NPS funds to purchase an easement on the property. The Township also tentatively agreed help with the purchase.
- In New Garden Township, NLT began working with owners of the Cotton-Orlando property, a 28-acre property through which the East Branch White Clay Creek flows. The landowners are interested in placing a conservation easement on the property before they sell it. The Township will cover most of the cost.
- BC staff mapped unforested riparian buffers in the WCC watershed and identified landowners who might provide sites for reforestation. In February, they met with the operators of SECCRA on Route 41 to discuss a new reforestation project on their Route 41 property. This project—approximately 400 trees in a riparian area—is tentatively scheduled for fall 2015.

In addition, NLT and BC accomplished these projects that contribute to completing the WCC Management Plan, but are not funded by NPS.

- In New Garden Township, NLT continues to work on the four-acre addition to the Christie easement and on a trail easement along the WCC on the Treisner property. NLT and the township have also had preliminary discussions with the owner of the 143-acre St. Anthony's in the Hills property. This work is funded by the township.
- In February, BC completed a major agricultural BMP implementation project (restore and line a Manure Storage Lagoon) on the farm of Waltmoore Holsteins (Walt Moore) on a tributary of the WCC in London Grove Twp.
- BC is also working with three landowners, including Aaron Maule in Penn Township, in the WCC watershed on reforesting riparian buffers, stream bank fencing, and stabilized stream crossings. Planning and bidding is in various stages. One project will begin this spring; they should all be finished by spring 2016.