



Program Level of Service Options

January 26, 2018 (revised from meeting with Staff on January 22, 2018)

PROGRAM GAP OR NEED	ASSUMPTIONS AND NOTES	LEVEL OF SERVICE OPTIONS
I. BMP's / Basins		
<p><b>Operations &amp; Maintenance</b></p> <p>An evaluation of the roles and responsibilities for BMPs / Basins is discussed in "Regulation and Enforcement"</p>	<p>) An inspection &amp; condition assessment program will reveal the need to develop a strategy to repair or replace existing BMPs.</p>	<p>Advanced LOS (for inspection, repair and/or maintenance) to be evaluated upon completion of system wide assessment, when appropriate service and inspection intervals can be determined.</p> <p><u>(High) LOS (2-year assessment) with additional funding for repairs</u></p> <p>) Conduct system wide rapid assessment of all BMP's / Basins (Public and Private), and develop a GIS-linked condition assessment inventory. Consider incorporating video assessment of outlet pipes.</p> <p>) Clarify policy on Township responsibility for private facilities carrying public property runoff.</p> <p>) Evaluate repairs for Public Facilities and prioritize with additional funding for staff and materials and/or contracted repairs.</p> <p>) Enforce Maintenance / Compliance with Notices of Violation (NOV) for Private Systems</p> <p><u>(Low) Current / Basic LOS</u></p> <p>) Continue current level of effort, only address critical issues based on assessment.</p>
<p><b>Capital Improvements</b></p>	<p>) Clarification of roles and responsibilities for public/private systems may result in increased need for investment in basin repairs/rehabilitation.</p> <p>) BMPs are inspected as part of the overall infrastructure inspection program which is resource limited (part-time employee) in current budget (FY18).</p> <p>) Condition assessment of existing BMPs is needed to identify capital priorities.</p> <p>) Assessment of BMPs / Basins may prescribe an additional level of effort (e.g. increased percentage of inspections) due to follow up on NOV's.</p>	<p><u>(Low) Current / Basic LOS</u></p> <p>) Follow a condition assessment and prioritization program that evaluates the status of the BMPs that are in need of rehab/retrofitting.</p> <p>) Rehab/retrofit BMPs as needed.</p> <p>) Continue to inspect approximately 20% of BMP's (private) meeting MS4 Permit requirements with more frequent inspections for those BMPs with signs of reduced effectiveness.</p> <p>) Inspect and document all publicly owned BMP's annually.</p>

II. Piping		
<p><b>Operations &amp; Maintenance</b></p> <p>The Township system consists of approximately 175,155 linear feet (33 miles) of drainage (collection) piping.</p>	<ul style="list-style-type: none"> <li>) The Township does not have CCTV inspection of their stormwater collection system.</li> <li>) A GIS database has been set up, but does not include condition assessment: photo or video attribution.</li> <li>) A comprehensive cleaning and flushing program has not been undertaken in the Township.</li> <li>) A large portion of the Township system is corrugated metal pipe, which is likely deteriorated or showing signs of potential failure based on recent repairs and projects.</li> <li>) The Township has completed their first pipe lining project as a means to reduce construction costs to repair lines versus replace them.</li> <li>) A more regimented inspection &amp; condition assessment program will determine the need to develop a strategy to repair or replace 33 miles of existing pipe.</li> </ul>	<p>Advanced LOS (for inspection, repair and/or maintenance) to be evaluated upon completion of system wide assessment, when appropriate service and inspection intervals can be determined.</p> <p><u>(High) Current LOS and 1-year assessment with additional funding for contracted repairs</u></p> <ul style="list-style-type: none"> <li>) Conduct system wide assessment (using NASSCO scale) of all piping, and develop a GIS-linked condition assessment inventory and develop prioritization plan. Maintain inspection program annually, targeting 20% of the system each year with priority given to pipe sections rating a 3 or 4 on the NASSCO scale. Assessment includes all cross-pipes located under roadways in the West End.</li> <li>) Develop prioritization plan to address repairs; determine funding needs; add staff as warranted.</li> <li>) Increase funding in operations budget to contract for repairs based on prioritization plan.</li> </ul> <p><u>(Medium) Current LOS and 2-year assessment with additional funding for contracted repairs</u></p> <ul style="list-style-type: none"> <li>) Conduct system wide assessment (using NASSCO scale) of all piping, and develop a GIS-linked condition assessment inventory and develop prioritization plan. Maintain inspection program annually, targeting 20% of the system each year with priority given to pipe sections rating a 3 or 4 on the NASSCO scale.</li> <li>) Develop prioritization plan to address repairs; determine funding needs; add staff as warranted.</li> <li>) Increase funding in operations budget to contract for critical issues based on assessment.</li> </ul>
<p><b>Capital Improvements</b></p>	<ul style="list-style-type: none"> <li>) The Township has a Capital Improvements Plan, but it is not based on collected (pipe specific) assessment data.</li> <li>) Pipes are typically replaced in conjunction with a road project and not based on pipe conditions.</li> <li>) Condition assessment of pipe and other collection infrastructure is needed to identify capital priorities (developed in “I. O&amp;M B. Piping” above).</li> </ul>	<p><u>(High) LOS</u></p> <ul style="list-style-type: none"> <li>) Follow a condition assessment and prioritization program that evaluates the status of the collection system independent of or at a higher priority than roadway projects.</li> <li>) Replace / Repair / Reline 20% of CMP system annually for a 5 year program to stabilize CMP within the system.</li> <li>) Develop CIP plan for repair/replacement based on completed condition assessment and prioritization plan for all other pipe (non-CMP).</li> <li>) Provide resources to address. Continue to inspect and assess conditions.</li> </ul> <p><u>(Medium) LOS</u></p> <ul style="list-style-type: none"> <li>) Follow condition assessment and prioritization program that identifies high priority needs and continue to evaluate those showing signs of degradation.</li> <li>) Replace / Repair / Reline 10% of CMP system annually for a 10 year program to stabilize CMP within the system. .</li> <li>) Develop a CIP plan for repair/replacement for priority conditions and provide resources to address. Continue to inspect and assess conditions.</li> </ul>

III. Drainage Inlets		
<p><b>Operations &amp; Maintenance</b></p> <p>The FTPW staff expressed an interest to increase the time and effort dedicated to stormwater inlet inspections, cleaning, and any resulting minor repair. This effort is separate of the Capital Improvements program which seeks to replace drainage inlets. Currently time is split among other FTPW tasks (streets, brush, leaves, etc.) The Township owns and maintains approximately 1,970 inlets within the Township stormwater collection system. There are an additional 1,333 privately owned drainage inlets.</p>	<ul style="list-style-type: none"> <li>) In previous years, additional maintenance crew had been allocated for paving repairs. After an evaluation of efficiency and cost-effectiveness, the paving will now be subcontracted out to permit a new emphasis on inlet repair and maintenance.</li> <li>) A GIS database has been set up, but does not include photo or video attribution.</li> <li>) Current level of effort involves a two-person crew, with a crane truck. This task is typically done in conjunction with roadway work.</li> <li>) Assume each inlet requires 2-person crew for 2 hours (total of 4 man-hours).</li> <li>) A more regimented inlet inspection program will reveal the need to develop a strategy to repair or replace 1,970 existing (aged) drainage inlets.</li> </ul>	<p>Advanced LOS (for inspection, repair and/or maintenance) to be evaluated upon completion of system wide assessment, when appropriate service and inspection intervals can be determined.</p> <p><u>(High) Current LOS and 1-year assessment with additional staff</u></p> <ul style="list-style-type: none"> <li>) Conduct system wide rapid assessment of all inlets, and develop a GIS-linked condition assessment inventory.</li> <li>) Identify critical repairs / issues and address immediately.</li> <li>) Add staff or increase workload of existing staff to maintain inspection program, address critical issues, prioritize repairs and increased funding for supplies/materials.</li> </ul> <p><u>(Medium) Current LOS and 5-year assessment &amp; prioritization plan</u></p> <ul style="list-style-type: none"> <li>) Conduct system wide assessment of all inlets, and develop a GIS-linked condition assessment inventory and maintain annual inspection program.</li> <li>) Develop prioritization plan to address non-critical repairs; determine funding / resource needs.</li> <li>) Identify critical repairs / issues and develop comprehensive plan to address.</li> </ul>
<p><b>Capital Improvements</b></p>	<ul style="list-style-type: none"> <li>) A more regimented inlet inspection program (developed in Ops and Maint. above on Drainage Inlets”) will reveal the need to develop a strategy to repair or replace 1,970 existing (aged) drainage inlets.</li> <li>) Current effort involves a four (4) person crew, at a duration of about 4 weeks per year</li> <li>) Efforts in the CIP are typically more involved than those covered in the lighter maintenance and repair under I.A</li> <li>) If inlet box condition is good, efforts may just be to replace inlet top and grate.</li> </ul>	<p><u>(Medium / High) LOS</u></p> <ul style="list-style-type: none"> <li>) Maintain proactive inspection and repair based on prioritization plan established as part of condition assessment program.</li> <li>) Provide resources to address 10-15 major repairs annually, including staff and materials.</li> </ul> <p><u>(Low) Current / Basic LOS</u></p> <ul style="list-style-type: none"> <li>) Continue to rehab /replace inlets as needed (in advance of street projects) and only address critical issues based on assessment.</li> </ul>

IV. Channels

Operations & Maintenance	<div><div>)</div><div>The Township has approx. 48 miles of roads without curbing, assumed for this study to require side drainage channels. Assume channels are required on one side only (i.e., 24 miles of channels)</div></div> <div><div>)</div><div>In addition, there are numerous ‘backyard’ channels that convey runoff and require some degree of maintenance.</div></div> <div><div>)</div><div>Current efforts include 7 crew members, working 80 hours (for total of 560 man-hours).</div></div> <div><div>)</div><div>Aside from channel maintenance, efforts also include regrading the berm along the roads (to ensure proper flow of runoff).</div></div> <div><div>)</div><div>An inspection &amp; condition assessment program will reveal the need to develop a strategy to repair or replace 24+ miles of existing channels.</div></div> <div><div>)</div><div>Township is responsible for flows handled by roadside ditches in both urban and rural areas.</div></div> <div><div>)</div><div>Resources are limited to address ditch maintenance.</div></div> <div><div>)</div><div>Ditches can be a nuisance problem or a constriction for flow management. Level of service should be clear on public responsibilities.</div></div> <div><div>)</div><div>Flooding can occur at choke points in more rural areas.</div></div> <div><div>)</div><div>Debris management in ditch line should be considered in level of service clarification. Frequency of cleaning/repair/piping is important to clarify.</div></div>	<p>Advanced LOS (for inspection, repair and/or maintenance) to be evaluated upon completion of system wide assessment, when appropriate service and inspection intervals can be determined.</p> <p><u>(High) Current LOS and 2-year assessment with additional funding for contracted repairs</u></p> <div><div>)</div><div>Conduct system-wide rapid assessment of all channels, and develop a GIS-linked condition assessment inventory and develop prioritization plan for both private and public.</div></div> <div><div>)</div><div>Develop policy for Township responsibility of all private channels receiving and conveying public property runoff.</div></div> <div><div>)</div><div>Add resources/funding to support an on-going maintenance program, dedicated to stormwater channels, including those private, orphaned channels carrying public waters.</div></div> <p><u>(Medium) Current LOS and 5-year assessment &amp; prioritization plan</u></p> <div><div>)</div><div>Conduct system wide rapid assessment of all channels, and develop a GIS-linked condition assessment inventory and develop a prioritization plan for repairs to public segments of channels.</div></div> <div><div>)</div><div>Identify (from assessment) critical segments of private channels for consideration of revised ownership policy.</div></div> <div><div>)</div><div>Increase funding for long-term maintenance program (either through additional field staff and equipment or contracted services based on findings to support an on-going maintenance program, dedicated to stormwater channels, including those private, orphaned channels carrying public waters.</div></div>
Capital Improvements	<div><div>)</div><div>Condition assessment of channels is needed to identify capital priorities (developed in “I. O&amp;M D. Channels”).</div></div>	<p><u>Medium/High LOS</u></p> <div><div>)</div><div>Following a condition assessment and development of a prioritization plan, identify priorities for channels needing rehab/retrofitting.</div></div> <div><div>)</div><div>Continue inspection program and inventory of public and private channels.</div></div> <div><div>)</div><div>Retrofit/rehab channels as needed until all critical failures are addressed. Maintain investment in rehab/repairs based on condition assessment.</div></div>

<b>V. Curb Conveyance</b>		
<b>Operations &amp; Maintenance</b>  The Township maintains all curbing as a conveyance system component for stormwater flow management.	<ul style="list-style-type: none"> <li>) Curbing is not currently considered in the Capital Improvements Plan beyond what is associated with upcoming or pending street restoration projects.</li> <li>) Street sweeping program keeps curb (gutter) free of debris and materials.</li> <li>) An inspection &amp; condition assessment program will reveal the need to develop a strategy to repair or replace existing curbing along 56 miles of street.</li> </ul>	<u>(Low) Current / Basic LOS</u>  <ul style="list-style-type: none"> <li>) No change to current level of service provided. Address on an “as needed” basis as function of roadway operations. Continue funding through Transportation Improvement Fee revenues.</li> </ul>
<b>Capital Improvements</b>	<ul style="list-style-type: none"> <li>) Curb repair, as related to stormwater conveyance, usually are minor.</li> <li>) Condition assessment of curbs is needed to identify capital priorities (developed in “I. O&amp;M C. Curb Conveyance” above).</li> </ul>	<u>(Low) Current / Basic LOS</u>  <ul style="list-style-type: none"> <li>) No change to current level of service provided. Address on an “as needed” basis as function of roadway operations. Continue funding through Transportation Improvement Fee revenues.</li> </ul>
<b>VI. Other Program Elements</b>		
<b>Stormwater System Maintenance Equipment</b>	<ul style="list-style-type: none"> <li>) A “flush” truck for in-house ability to flush out the stormwater system as needed without the need to wait for contracting or continued sharing of equipment with other operations can enhance system maintenance.</li> <li>) The replacement purchase of a “vac” truck in conjunction with additional staff would permit the FTPW staff to perform inlet maintenance more frequently (to reduce flooding and sediment transport). Vac truck needs to be replaced due to age.</li> <li>) A dedicated stormwater CCTV rig (truck and camera) would provide capability to complete an assessment of underground systems and maintain on-going inspection.</li> <li>) Purchasing dedicated Stormwater Maintenance Equipment would decrease mobilization costs.</li> <li>) Current spending is about \$ 10,000 per year to rent CCTV rig (for use with future paving projects).</li> </ul>	<u>(High) LOS</u> <ul style="list-style-type: none"> <li>) Purchase all three pieces of equipment, with dedicated staff for each using short term bank financing and pay back over a 5-year period.</li> </ul> <u>(Medium) LOS</u> <ul style="list-style-type: none"> <li>) Replace “vac” truck, with other pieces rented/”borrowed” as currently done, with staff dedicated to newly acquired equipment.</li> <li>) Contract for CCTV Services in Year One/Two, with long term plan to purchase CCTV Rig (truck and camera)</li> </ul> <u>(Low) Current / Basic LOS</u> <ul style="list-style-type: none"> <li>) Continue policy of rental and “borrowing” equipment as needed, including sharing a non-dedicated work force to operate equipment.</li> </ul>
<b>Green Infrastructure (BMPs)</b>	<ul style="list-style-type: none"> <li>) Increasing inventory of water quality BMPs above what is required with the PRP</li> <li>) Projects could include additional retrofits of existing municipal BMPs and neighborhood projects (such as rain barrel installation).</li> <li>) The Township has conducted a “tree survey” to inventory street trees and urban tree canopy.</li> <li>) Current Shade Tree Program budget is \$235,000 for personnel, supplies, contracted services and tree purchases.</li> </ul>	<u>(High) LOS</u> <ul style="list-style-type: none"> <li>) Develop an enhanced prioritization program to identify &amp; implement locations for new municipal BMPs with a goal of a 10% runoff volume reduction in five years.</li> <li>) Provide offset funding (from stormwater funding / revenue) for 100% of Annual Shade Tree budget item/program (new and replacement tree costs only)</li> </ul> <u>(Medium) LOS</u> <ul style="list-style-type: none"> <li>) Develop a simple prioritization program to identify locations for new municipal BMPs with a goal of a 5% runoff volume reduction in five years.</li> <li>) Provide offset funding (from stormwater funding / revenue) for 50% of Annual Shade Tree budget item/program (new and replacement tree costs only)</li> </ul> <u>(Low) LOS</u> <ul style="list-style-type: none"> <li>) BMPs provided only as part of PCSM Plans for new development.</li> <li>) Provide offset funding (from stormwater funding / revenue) for 25% of Annual Shade Tree budget item/program (new and replacement tree costs only)</li> </ul> <u>Current / Basic LOS</u> <ul style="list-style-type: none"> <li>) BMPs provided only as part of PCSM Plans for new development.</li> <li>) Street trees provided as funded through Shade Tree budget item/program in General Fund.</li> </ul>

VII. Regulation and Enforcement		
<p><b>Private Stormwater Facility O&amp;M</b></p> <p>Clarification of roles and responsibilities for Township and private owners should be reviewed</p>	<ul style="list-style-type: none"> <li>) One of the prominent issues throughout Ferguson is a lack of maintenance on some privately owned (orphaned) BMPs that can result in fines, often on one ‘owner’ that is managing the structure on behalf of multiple lots.</li> <li>) Failure to maintain facilities causes the Township to lead the effort to perform needed maintenance given that in some instances, public street runoff is entering the facility.</li> <li>) Determine impacts of public drainage on private system as part of the definition of roles and responsibilities.</li> <li>) Determine financial impacts for public services, staffing and evaluate local rules and regulations to determine if amendments are required.</li> <li>) Use the clarification of roles and responsibilities between public and private owners of drainage infrastructure to refine maintenance agreements between the two.</li> </ul>	<p><u>(Medium / High) LOS</u></p> <ul style="list-style-type: none"> <li>) Establish a new policy to provide Township services on privately owned facilities, with the Township providing routine maintenance and rehabilitation services <b>where runoff is from public areas / streets and rights-of-way only</b>.</li> </ul> <p><u>(Low) Current / Basic LOS</u></p> <ul style="list-style-type: none"> <li>) Maintain current policy of private owner responsibility for operation and maintenance of stormwater facilities receiving runoff from private area(s).</li> <li>) Enforce current policy.</li> </ul>
<p><b>Public Stormwater Facility O&amp;M</b></p>	<ul style="list-style-type: none"> <li>) There are some publicly owned stormwater facilities.</li> <li>) The Township has tried to align stormwater facility location (and maintenance) to public use / recreation sites.</li> <li>) Service level (frequency of maintenance for example) should be explicitly defined between public and private roles and responsibilities in policy established to address Township responsibilities on private system components carrying public land runoff.</li> <li>) Street Sweeping program to be accounted for in Curb Conveyance section.</li> </ul>	<p><u>(Medium / High) LOS</u></p> <ul style="list-style-type: none"> <li>) Maintain an inventory of all Township BMPs with photos, and other information attributed in GIS.</li> <li>) Inspect and document condition for all publicly-owned BMPs. Repair and replace as needed and incorporate major rehabilitation in the CIP for Stormwater annually.</li> </ul> <p><u>(Low) Current / Basic LOS</u></p> <ul style="list-style-type: none"> <li>) Inspect and document all publicly owned BMP’s.</li> </ul>
<p><b>Permit Compliance (MS4)</b></p>	<ul style="list-style-type: none"> <li>) The MS4 permit outlines that the Township will perform various “core” activities, generally in 6 predefined areas.</li> <li>) Using clarified roles and responsibilities, the Township is in better position to define Best Practices that comply with MS4 requirements for good housekeeping responsibilities as well as oversight of private systems.</li> </ul>	<p><u>(Low) Current / Basic LOS</u></p> <ul style="list-style-type: none"> <li>) Continue to conduct activities and programs as needed to meet permit obligations.</li> </ul>

<p><b>Permit Compliance (PRP)</b></p> <p>The Township participates in a “regional” Pollutant Reduction Plan that is being prepared by a consultant with collaboration between MS4 within the region. The draft version is currently under review and scheduled for a public meeting.</p>	<ul style="list-style-type: none"><li>) Initial reductions for the PRP are tied to a 10% goal for the first five-year cycle (of the renewed permit) for reduction of sediment, phosphorus, and nitrogen contribution from the permitted urban area. Expectation is that subsequent permit cycles will require additional reductions.</li><li>) The Township will contribute a combined 5-year total of approximately \$500,000 for design, permitting and construction towards projects that result in the implementation of the PRP (once approved by PA DEP).</li><li>) Planning beyond the five-year permit period is important (e.g., ensure that future goals can be met and that investments are made in the drainage system to optimize impacts and pollutant reductions).</li></ul>	<p><u>(Low) Current / Basic LOS</u></p> <ul style="list-style-type: none"><li>) Continue to conduct activities and programs as needed to meet permit obligations.</li></ul>
<p><b>Outfall Screening (Illicit Discharge)</b></p>	<ul style="list-style-type: none"><li>) The Township currently conducts their own screening of the 126 outfalls that are regulated per the MS4 Permit (as part of the Illicit Discharge Detection and Elimination Program).</li><li>) Inspections are conducted using part time staff (20 hours per week).</li><li>) Outfall Screenings are not performed using GIS data collection methods (i.e. electronic forms that attribute the system map).</li><li>) Township maintains written program for detection of illegal discharges to the regulated public drainage system, including protocols for detection and removal of such.</li></ul>	<p><u>(Low) Current / Basic LOS</u></p> <ul style="list-style-type: none"><li>) Continue screening outfalls at a rate of 20% per year (entire system is screened over a five-year period).</li><li>) Identify critical issues when screening occurs and document in GIS inventory. High priority repairs/replacements are incorporated into CIP or work order system as appropriate.</li></ul>



<b>Post Construction Management for MS4 Permit</b>	<div> <div> ) Alignment of roles and responsibilities can provide the Township clarity of regulatory oversight for development impacts on drainage and water quality. ) Township is required to inspect all private facilities to ensure performance is sustained and the facility (BMP) is maintained. ) Township must maintain a written program for oversight of BMPs, including local authority to do so. ) Township is to promote LID (low impact development – Green Infrastructure - GI) for private land development. </div> </div>	<div> <div> ( Medium / High ) LOS ) Maintain inspection rate based on outcome of rapid assessment of all BMPs/Basins. ) Develop policy document (including design standards and master plan) pertaining to the use of GI (specific to Ferguson Township). ) Prepare and enact revisions to Ordinances that mandate LID and GI techniques, including development of Design Standards for LID/GSI for those practices encouraged by the Township. </div> <div> ( Low ) Current / Basic LOS ) After completion of update of BMPs/Basins/Green Infrastructure database, maintain inspection at a rate of 20% of all private facilities a year. ) Continue with Ordinances that only “encourage” use of LID &amp; GI. </div> </div>
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<b>VIII. STORMWATER PROGRAM ADMINISTRATION</b>		
<b>Stormwater Staffing</b>  Stormwater staffing resources allows the Township to meet the current LOS within the existing Stormwater Program. Additional or increased LOS will require an evaluation of current and future staffing as a consequence of future LOS desires and Township goals.	<div> <div> ) The role of Permit Administrator is shared between the Township Engineer and a part-time (approx. 20hrs/week) Stormwater Inspector. Township expressed interest in growing this position to a full time (40 hours per week) Stormwater Program Coordinator position to assist with MS4 permitting responsibilities. ) Dedicated maintenance staff for system inspections including CCTV can enhance response time and obtain needed infrastructure condition assessment. </div> <div> Additional stormwater related efforts conducted by the Township: </div> </div>	<div> <div> ( Low / Medium / High ) LOS ) To be evaluated in a staffing feasibility study that occurs once the desired LOS for the various Stormwater activities has been set. Likely to include recommendation for a FT Stormwater Program Administrator. </div> <div> Current LOS ) Continue to split the Permit Administrator role between the Township Engineer and part time Engineering Assistant. Evaluate the Engineering Assistant position commitment against the targets set for the Township to determine if additional hours are required in this position. </div> </div>



	<ul style="list-style-type: none"><li>) GIS specialist: maintains the system map, including ensure all data is developed on a consistent and timely manner.</li><li>) Coordination of Land Development Planning with PSCM Plan Review.</li><li>) Currently Public Education is largely handled by the Township Engineer. Program could include this as a responsibility under the scope of full time Stormwater Program Coordinator.</li><li>) Community engagement with organizations such as Master Gardeners provides a broader outreach and education effort.</li><li>) Social media and website is used by Township for digital communication/education.</li><li>) Township is required to educate the community and employees for identification and elimination of illegal connections to the drainage system as well as issues such as prevention illicit discharges entering the system.</li></ul>	
<b>Partnering</b>	<ul style="list-style-type: none"><li>) Township partners with various local governments as well as Centre County Conservation for permit compliance.</li><li>) Operating agreements may need review to ensure expanded permit requirements are being met.</li><li>) Roles and responsibilities between partners is less formal for some activities and specifically defined in memorandums of understanding for other activities.</li><li>) Various permit elements require public education. Partners can play a key role.</li></ul>	<p><u>(Low) Current / Basic LOS</u></p> <ul style="list-style-type: none"><li>) Maintain current partnerships and continue to identify opportunities to share responsibilities when advantageous to the Township.</li></ul>