

DELAWARE RIVER BASIN COMMISSION

MEETING OF SEPTEMBER 14, 2016

Minutes

Commissioners Present: Lieutenant Colonel Michael A. Bliss, United States, Chair
Kelly J. Heffner, Pennsylvania, Vice Chair
Daniel M. Kennedy, New Jersey, Second Vice Chair
Angus Eaton, New York
Kara S. Coats, Delaware

DRBC Staff Participants: Steven J. Tambini, Executive Director
Kenneth J. Warren, Warren Environmental Counsel, LLP, General Counsel
Pamela M. Bush, Commission Secretary & Assistant General Counsel
Thomas J. Fikslin, Director, Science and Water Quality Management
David Kovach, Manager, Project Review
Kenneth F. Najjar, Director, Water Resource Management
Amy L. Shallcross, Manager, Water Resource Operations

The Commission met at the Historic Hotel Bethlehem in Pennsylvania on September 14, 2016.

Minutes. The Minutes for the Commission Meeting of June 15, 2016 were approved unanimously.

Announcements. Ms. Bush announced the following meetings and events:

- *DRBC Water Management Advisory Committee (WMAC).* Thursday, October 27, 2016 at 10:00 a.m. in the Goddard Conference Room of the Commission's West Trenton, New Jersey office building. Draft agenda and additional details available on the DRBC website or by contacting DRBC staff liaison Jessica Sanchez at extension 202.
- *DRBC Flood Advisory Committee (FAC).* Wednesday, December 7, 2016 at 10:00 a.m. in the Goddard Conference Room of the DRBC office building in West Trenton, New Jersey. Additional information available on the DRBC website or by contacting staff member Amy Shallcross at extension 232.
- *Mid-Atlantic American Water Resources Association (AWRA) Conference.* September 15-16, 2016 at the Chase Center on the Riverfront in Wilmington, Delaware. DRBC Senior Aquatic Biologist Bob Limbeck presenting on Friday, September 16 his presentation entitled *Advances and Implementation of Anti-Degradation Policies and Practices in the Delaware River Basin Commission's Special Protection Waters.* Full details via a link from DRBC's website.

- *Coalition for the Delaware River Watershed 2016 Forum*. September 19-20 at Normandy Farms, Blue Bell, Pennsylvania. Monday, September 19, Executive Director Steve Tambini to moderate a plenary panel discussion with the four states. Details via a link from DRBC's website.
- *2016 Schuylkill Action Network (SAN) Annual Meeting*. November 4, 2016 at Reading Community College in Reading, Pennsylvania. Keynote speakers to include DRBC's Executive Director. Details via a link from DRBC's website.

Hydrologic Conditions. Ms. Shallcross reported on hydrologic conditions in the Basin:

Currently, more than half of the Delaware River Basin's counties are in some type of drought watch declared by the states. New York State is very dry, particularly the western part. Pennsylvania has recently declared Philadelphia, Chester and Delaware counties in a drought watch. The northern part of New Jersey is in a drought watch and Delaware is in the process of considering drought watch.

The observed precipitation for the portion of the Basin above Montague, New Jersey for the period January 1 through September 12, 2016 was 27.85 inches, or 3.54 inches below normal. The observed precipitation for the Basin above Trenton for the same period was 28.0 inches, or 5.17 inches below normal and for the Basin above Wilmington, Delaware for this period, 29.48 inches or 1.01 inches below normal.

The average observed streamflow of the Delaware River at Montague, New Jersey in August 2016 was 3,216 cubic feet per second (cfs), or 148.3 percent of the long-term average for the month. The average observed streamflow of the Delaware River at Trenton, New Jersey for the same period was 5,862 cfs, or 132 percent of the long-term average for the month.

For September 1-12, the average observed streamflow at Montague was 1,822 cfs, or 90.4 percent of the long-term average for the month. The average streamflow at Trenton during the same period was 2,905 cfs, or 65.4 percent of the long-term average for the month.

In the Lower Basin DRBC began directing releases from Beltzville Reservoir on September 5 and Blue Marsh Reservoir on September 9 to meet the Trenton Flow Objective.

As of September 13, Beltzville Reservoir contained 12.88 billion gallons (bg) usable, or 95.5 percent of usable storage; Blue Marsh contained 5.43 bg usable, or 94.3 percent of summer pool usable storage; and Merrill Creek contained 13.91 bg usable, or 88.7 percent of usable storage.

In the Upper Basin, as of September 13, Pepacton Reservoir contained 109.154 bg usable or 77.9 percent of usable storage. Cannonsville contained 56.825 bg usable, or 59.4 percent of usable storage. Neversink contained 26.261 bg usable or 75.2 percent of usable storage. The total New York City Delaware Basin reservoir storage was 192.240 bg usable or 71.0 percent of usable storage.

During the month of August 2016, the location of the seven-day average of the 250-parts-per-million (ppm) isochlor, also known as the "salt front," fluctuated between River Mile (RM) 72 to RM 73. The normal location of the salt front during August is RM 74, which is four miles

downstream of the Delaware-Pennsylvania state line. As of September 12, the salt front was located at RM 78, which is two miles upstream of the normal location of the salt front during September.

Executive Director's Report. Mr. Tambini's remarks are summarized below:

- *Lower Delaware River Assessment.* On August 8 DRBC published the results of an assessment of water quality in the portion of the non-tidal main stem Delaware River known as the "Lower Delaware," extending from Portland, Pa. and Columbia, N.J. downstream to Trenton. The Commission in 2005 permanently designated this reach as Special Protection Waters, for which the water quality management objective is "no measurable change to existing water quality except toward natural conditions." DRBC's recent report compares the data used to define "existing conditions" for the reach, which date from 2000-2004, with more current data. The results were for the most part extremely favorable. For most water quality parameters at most locations, no measurable degradation in existing water quality was found. Many tests revealed water quality *improvements*. Nutrient levels showed improvement at most control points.

The full assessment report is available on DRBC's website. A storyboard interactive GIS map is also provided, offering a snapshot of the findings. Mr. Tambini noted that the basin is seeing a great deal of energy and activity around water quality monitoring and evaluation. He urged interested parties to look to the Commission's website for a wealth of high quality information on conditions in the main stem.

- *DRBC Advisory Committee Openings.* DRBC's advisory committees contribute valuable information and expertise to the Commission and region on a variety of issues. In accordance with the procedures established by a Resolution for the Minutes adopted on March 16, 2016, several advisory committee positions are currently open for the committees and sectors noted below:
 - Toxics Advisory Committee – industry
 - Water Management Advisory Committee – fisheries and environmental
 - Water Quality Advisory Committee – academia and science, environmental, local watershed, regulated community public sector, and regulated community private sector.

Current members are encouraged to submit résumés and letters of interest if they seek re-appointment. (Mr. Tambini noted that several members already had made submissions.) The deadline for applications is October 1, 2016.

- *Coalition for the Delaware River Watershed – 2016 Forum.* Mr. Tambini noted that he would be hosting a plenary session panel at the Coalition's 2016 Forum on September 19 about the basin states and New York City. Participants will include Paul Rush, Deputy Director of the New York City Department of Environmental Protection. The panel will be an opportunity for casual discussion about issues important to the Delaware River Watershed.

General Counsel's Report. Mr. Warren reported that the law suit filed against the DRBC by the Wayne Land and Mineral Group, LLC remains pending in the United States District Court for the Middle District of Pennsylvania. DRBC filed a motion to dismiss, on which briefing is nearly complete. The court on September 12 granted a motion to intervene by the Delaware Riverkeeper Network and Maya van Rossum. DRBC had taken no position with respect to that motion; the plaintiff in the case had opposed the motion. After a case management conference scheduled for September 21, whether the case will proceed, and if so, how, should be clearer.

Project Review Applications. The Commission held a duly noticed public hearing on August 10, 2016 on 19 draft dockets for water-related projects. Mr. Kovach reported that with the exception of hearing item 2, Paulsboro Refining Company, LLC (D-1969-195-3), the Commission received no substantive comments on any of these projects during the comment period. Staff received both oral and written comments on the Paulsboro Refining Company docket. The written comments were submitted by the Delaware Riverkeeper Network (DRN) on August 10-11. Environment New Jersey provided oral testimony similar to DRN's. Staff addressed all the oral and written comments in a comment and response document which was furnished to the Commissioners and on which they were briefed.

Mr. Kovach summarized the responses and comments. DRN had flagged Clean Water Act violations by Paulsboro Refining Company over the last three years that DRBC allegedly had failed to address. Mr. Kovach said that upon investigation, DRBC ascertained that the alleged violations were reported erroneously because the state and EPA digital reporting systems are not compatible. Alleged violations of the Clean Air Act, also cited by DRN, may be products of the same problem. Mr. Kovach noted further that DRBC's regulations do not include air emission thresholds or standards, so if there were Clean Air Act violations, these would be a matter for the state and federal agencies to address, and outside the scope of the Commission's authority and concern.

DRN had also commented on provisions of the Paulsboro draft docket relating to DRBC's Water Quality Regulations. The Water Quality Regulations among other things provide under certain conditions for heat dissipation areas, TDS effluent concentrations above 1,000 mg/l and toxicity mixing zones that meet certain requirements. Staff's review of the Paulsboro Refining Company discharge demonstrated that it would satisfy DRBC's requirements in each of these respects. Staff concluded that the heat dissipation areas, TDS effluent level and toxicity mixing zones provided for in the docket are consistent with applicable DRBC regulations.

DRN had also objected to the sampling frequency established by the draft docket. Mr. Kovach noted that the prescribed sampling frequency, which requires the docket holder to annually reconcile all of the facility's monthly reporting data and inform DRBC promptly of any docket violations, generally has worked well. He advised that based on staff's experience, the condition should be retained without modification.

DRN and Environment New Jersey also raised questions about siting of the Paulsboro facility. Mr. Kovach noted that the facility was constructed at its present location decades ago and that its earliest DRBC docket dates from 1976. He added that DRBC does not have control over the siting of existing projects.

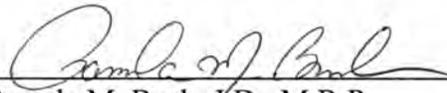
In conclusion, Mr. Kovach explained that after considering each of the concerns raised by commenters, staff concluded that no substantive changes to the draft docket were appropriate. He recommended that the Commission approve the dockets comprising hearing items 1 through 19, including item number 2, the docket for Paulsboro Refining Company, LLC.

LTC Bliss requested a motion to approve the 19 dockets as presented by Mr. Kovach. Mr. Eaton so moved, and Ms. Heffner seconded his motion. LTC Bliss explained that he was abstaining from voting on hearing item no. 16, a groundwater withdrawal docket for the Tobyhanna Army Depot (D-1987-057 CP-4). Consequently, all of the 19 items except for hearing item no. 16 were approved by unanimous vote. Hearing item no. 16, the groundwater withdrawal docket for the Tobyhanna Army Depot, was approved by a vote of four with one abstention.

Audio Recording. An audio recording of the public hearing of August 10, 2016 is on file with the Commission Secretary. A description of each of the applications for the dockets approved during the Business Meeting of September 14, 2016 is provided as an Attachment to these Minutes.

Mr. Tambini presented ground rules and commenced the Open Public Comment session, which is not considered part of the formal business meeting. Tracy Carluccio of DRN, Betty Tatham of the Pennsylvania League of Women Voters, and Doug O'Malley of Environment New Jersey addressed the Commission on issues that included: human health effects of hydraulic fracturing, a request for DRBC review of two projects – Clean Earth Southeast Pa. and Elcon – proposed for locations in Falls Township, and the Commission's public process for the PennEast Pipeline Project.

Adjournment. Following the Open Public Comment session, the meeting was adjourned by unanimous vote at approximately 11:30 a.m.



Pamela M. Bush, J.D., M.R.P.

Commission Secretary and Assistant General Counsel

ATTACHMENT

DESCRIPTIONS OF PROJECTS APPROVED BY THE COMMISSION DURING THE BUSINESS MEETING OF SEPTEMBER 14, 2016

Background. Projects subject to Commission review in accordance with the Delaware River Basin Compact and Commission regulations must have the Commission's approval in the form of a docket, permit or resolution (collectively, "docket"). The Commission's project review process takes six to nine months to complete, and the public is informed of the status of project applications by a variety of means during that period. Each project for which an application is received is added to the "Project Review Status Report" maintained on the DRBC website. This report includes the applicant's name and project location, a description of the proposed project, the docket number assigned to the project, and the name of the staff member reviewing the project. A list of applications received also is compiled approximately five times a year and posted on the Commission's website as a "Notice of Applications Received" (NAR). An "Interested Parties List" (IPL) is created for each project under review. Anyone can have his or her name added to the IPL for a given project. All those listed on the IPL receive email notification of public notices for the project as they are posted on the Commission's website, including the notice advertising the public hearing. Members of the public seeking additional information about a project may contact the staff member reviewing the project or arrange by appointment to review the relevant Project Review file at any time that is mutually convenient for the staff and the party.

Approximately six weeks before the Commission's scheduled public hearing date, draft dockets are circulated to the Commission's members for review and comment by the appropriate state and federal agencies. Shortly thereafter, a public notice, including descriptions of the draft dockets, is filed with state and federal bulletins or registers. Ten or more business days prior to the hearing date, the hearing notice, along with draft dockets, is posted on the Commission's website. Written comment on hearing items is accepted through the close of the public hearing. At the Commissioners' regularly scheduled public meetings, the Commissioners may approve, disapprove or postpone consideration of any docket for which a hearing has been completed. Approved dockets are posted on the Commission's website as quickly as possible following the date on which the Commission acted. Delay of a few days may occur to complete clerical work, particularly in instances in which the Commissioners approve a docket with modifications.

The projects are customarily considered in three categories – *Category A* – project renewals with no substantive changes; *Category B* – project renewals with substantive changes; and *Category C* – projects not previously reviewed by the Commission. All of the projects approved by the Commission on September 14, 2016 were subjects of a duly noticed public hearing on August 10, 2016. Descriptions of the projects (based on the applications received, which may vary from final projects) for which the Commission issued approvals on September 14 are listed below, in the order in which the dockets were presented at the August 10 public hearing.

A. *Renewals with No Substantive Changes (hearing items 1 through 19).*

1. Pennsylvania American Water Company, D-1966-100 CP-2. An application to renew the approval of an existing surface water withdrawal (SWWD) and approve an allocation of up to 540 million gallons per month (mgm) to supply the applicant's public water supply

from an existing surface water intake on the Schuylkill River. The project intake is located in the Schuylkill River Watershed in the Borough of Norristown, Montgomery County, Pennsylvania.

2. Paulsboro Refining Company, LLC, D-1969-195-3. An application to renew the approval of the existing Paulsboro Refining Company industrial wastewater treatment plant (IWTP), formerly known as the Valero Refining Company IWTP, and its discharge. The IWTP has an average annual design flow of 9.19 million gallons per day (mgd) and a hydraulic design capacity of 15.84 mgd. The IWTP will continue to discharge treated industrial wastewater effluent to Water Quality Zone 4 of the Delaware River at River Mile 87.7, in the Borough of Paulsboro, Gloucester County, New Jersey.
3. Saputo Dairy Foods USA, LLC, D-1972-146-2. An application to approve a change in ownership of a previously approved groundwater supply project and to renew the approval of an allocation of up to 29 mgm from existing Wells Nos. 1, 2, 3 and 4 for industrial cooling, industrial processes and potable supply at an existing dairy processing manufacturing facility now owned by the applicant. The wells are completed in unconsolidated sand and gravel in the West Branch Delaware River Watershed in the Town of Delhi, Delaware County, New York within the drainage area of the section of the main stem Delaware River known as the Upper Delaware, which the Commission has classified as Special Protection Waters.
4. Boyertown Borough, D-1973-199 CP-4. An application to renew the approval of the applicant's existing 0.75 mgd wastewater treatment plant (WWTP) and its discharge. The WWTP will continue to discharge to Swamp Creek, which is a tributary of Perkiomen Creek, which is a tributary of the Schuylkill River, River Mile 92.47 - 32.3 - 12.9 - 11.9 (Delaware River - Schuylkill River - Perkiomen Creek - Swamp Creek) in Douglass Township, Montgomery County, Pennsylvania.
5. Ambler Borough, D-1975-016 CP-4. An application to renew the approval of the applicant's existing 8.0 mgd WWTP and its discharge. The WWTP has an average annual flow of 6.5 mgd. The WWTP will continue to discharge treated effluent to Wissahickon Creek, which is a tributary of the Schuylkill River, at River Mile 92.5 - 12.8 - 12.7 (Delaware River - Schuylkill River - Wissahickon Creek) via Outfall No. 001 in Upper Dublin Township, Montgomery County, Pennsylvania.
6. Calpine Corporation, D-1981-020 CP-2. An application to renew the approval of the existing discharge of up to 870.2 mgd of non-cooling contact water (NCCW), intake screen backwash, and boiler and cooling tower blowdown from the docket holder's Edgemoor Energy Center and Hay Road Energy Center power generation facilities. The 710-megawatt Edgemoor Energy Center is fueled by natural gas or oil and consists of three boiler/turbine units. The 1,100-megawatt Hay Road Energy Center facility is fueled by natural gas and consists of six combustion turbines and heat recovery steam generating units and two steam turbine units. The facilities will continue to discharge via three existing outfalls to Water Quality Zone 5 of the Delaware River at River Mile 72.8, in the City of Wilmington, New Castle County, Delaware.

7. Paunacussing Founders, Inc., D-1996-042-3. An application to renew the approval of an existing groundwater and surface water withdrawal of up to 6.2 mgm to irrigate the applicant's Lookaway Golf Course from existing Wells Nos. PW-2 and PW-3 and an existing, off-stream constructed pond. Wells Nos. PW-2 and PW-3 are completed in the Brunswick Formation. The requested allocation is not an increase from the previous allocation. The project is located in the Commission's designated Ground Water Protected Area (GWPA) in the Mill Creek Watershed in Buckingham Township, Bucks County, Pennsylvania.
8. Easton Suburban Water Authority, D-1999-062 CP-2. An application to renew the approval of an existing surface water withdrawal to supply the applicant's public water supply distribution system and to approve a decrease in withdrawal allocation from 13.0 mgd (403 mgm) to 10.42 mgd (323 mgm) from an existing intake on the Delaware River. The requested allocation is not an increase from the previous allocation. The project is located in the Delaware River Watershed in the City of Easton, Northampton County, Pennsylvania within the drainage area of the section of the main stem Delaware River known as the Lower Delaware, which the Commission has classified as Special Protection Waters.
9. Calpine Corporation, D-2000-012 CP-2. An application to renew the approval to withdraw up to 8,763.7 mgm of surface water from the Pumphouse 2 Intake and up to 18,404.7 mgm of surface water from the Pumphouse 3 Intake from the Delaware River (total combined allocation of 27,168.4 mgm) for non-contact cooling, cooling tower makeup, fire suppression and intake screen backwashing at the existing Edge Moor and Hay Road Energy Centers. The allocation provided by this docket is based on the maximum water demands of the facility with all circulating, service water, fire suppression and intake screen backwash pumps in operation and represents a decrease from the allocation of 34,100 mgm (33,000 million gallons per 30 days) approved in the previous docket. This docket also updates project information and consolidates several previous DRBC approvals into a single docket. The facility is located in the City of Wilmington, New Castle County, Delaware, and the intakes withdraw water at approximately River Mile 72.1 in Delaware River Water Quality Zone 5.
10. Upper Hanover Authority, D-2001-061 CP-4. An application to renew the approval of the applicant's existing 0.4 mgd WWTP and its discharge. The WWTP will continue to discharge to Macoby Creek at River Mile 92.47 - 32.3 - 19.5 - 5.3 (Delaware River - Schuylkill River - Perkiomen Creek - Macoby Creek) located in Upper Hanover Township, Montgomery County, Pennsylvania.
11. Aqua Pennsylvania Wastewater, Inc., D-2002-042-4. An application to renew the approval of the applicant's existing 0.6 mgd White Haven WWTP and its discharge. The WWTP will continue to discharge treated wastewater effluent to the Lehigh River at River Mile 183.7 - 71.9 (Delaware River - Lehigh River) within the drainage area of the section of the main stem Delaware River known as the Lower Delaware, which the Commission has

classified as Special Protection Waters, in White Haven Borough, Luzerne County, Pennsylvania.

12. Artesian Water Company, D-2003-022 CP-4. An application to renew the approval of an existing import project of up to 0.369 mgd from the Chesapeake Bay Basin from the Choptank and Bethel Church Wellfields to supply water to the applicant's public water supply system. The application also requested to renew the approval to withdraw up to 150 mgm of groundwater from 26 groundwater sources. The requested allocation is not an increase from the previous allocation. The project's existing groundwater withdrawals are approved by the Delaware Department of Natural Resources and Environmental Control (DNREC) and will continue to be regulated by DNREC in accordance with the Administrative Agreement (AA) between the Commission and the State of Delaware. The water supply system and wellfields are located in New Castle County, Delaware.
13. Aqua Pennsylvania, Inc., D-2003-033 CP-2. An application to renew the approval of an existing groundwater withdrawal (GWD) of up to 24.13 mgm from 14 existing wells including one replacement well and up to 15.5 mgm of water from an existing interconnection with Downingtown Municipal Water Authority for continued use in the docket holder's interconnected UGS North and Honey Brook public water systems. This docket consolidates and combines the total allocations contained in two separate DRBC approvals issued for the two systems with no increase in the total allocations previously approved by these dockets. The wells are completed in felsic gneiss, intermediate gneiss and graphitic gneiss within the West Branch Brandywine and East Branch Brandywine watersheds, in East Brandywine, West Brandywine and Honey Brook townships, Chester County, Pennsylvania.
14. Buck Hill Falls Company, D-2009-001 CP-3. An application to renew the approval of the applicant's existing 0.20 mgd WWTP and its discharge. Treated effluent will continue to be discharged to Buck Hill Creek at River Mile 213.00 - 21.11 - 0.50 (Delaware River - Brodhead Creek - Buck Hill Creek) within the drainage area of the section of the main stem Delaware River known as the Middle Delaware, which the Commission has classified as Special Protection Waters, in Barrett Township, Monroe County, Pennsylvania.
15. Wallenpaupack School District, D-2009-026 CP-3. An application to renew the approval of the existing 0.04 mgd Wallenpaupack Area School District High School WWTP and its discharge. The WWTP will continue to discharge to Lake Wallenpaupack on the Wallenpaupack Creek, which is a tributary of the Lackawaxen River, at River Mile 277.7 - 15.8 - 1.4 - 0.2 (Delaware River - Lackawaxen River - Wallenpaupack Creek - Lake Wallenpaupack) within the drainage area of the section of the main stem Delaware River known as the Upper Delaware, which the Commission has classified as Special Protection Waters, located in Palmyra Township, Pike County, Pennsylvania.
16. Tobyhanna Army Depot, D-1987-057 CP-4. An application to approve new Wells 7, 8, 9 and 10 for inclusion in the applicant's public water supply system and to renew the approval of an existing GWD of up to 20.66 mgm from four new and two existing wells. The new wells will be replacing Wells 1, 3, 4 and 5, which were previously approved to supply

groundwater to the applicant's system. The requested allocation is not an increase from the previous allocation. The project wells are located in the Poplar Gap Member of the Catskill Formation in the Tobyhanna Creek Watershed, within the drainage area of the section of the main stem Delaware River known as the Lower Delaware, which the Commission has classified as Special Protection Waters, in Coolbaugh Township, Monroe County, Pennsylvania.

17. Giorgio Foods, Inc., D-1988-043-5. An application to upgrade the docket holder's existing 0.5 mgd IWTP, consisting of replacing the existing sand filter with new cloth media filters and the existing chlorination/dechlorination disinfection system with ultraviolet (UV) light disinfection. The IWTP will remain at 0.50 mgd and continue to discharge treated effluent to Willow Creek, a tributary of Maiden Creek, which is a tributary of the Schuylkill River, at River Mile 92.47 - 86.7 - 0.6 - 2.4 - 0.6 (Delaware River - Schuylkill River - Maiden Creek - Willow Creek) in Maidencreek Township, Berks County, Pennsylvania.
 18. Johnson Matthey, Inc., D-1999-038-4. An application to renew approval of the applicant's existing 0.08 mgd IWTP and its discharge. The applicant also renewed a total dissolved solids determination and IWTP effluent limit of 20,000 milligrams per liter (mg/l) (monthly average) and 40,000 mg/l (daily maximum). The project IWTP will continue to discharge to the Schuylkill River via the Matsunk Creek culvert at River Mile 92.47 - 21.5 (Delaware River - Schuylkill River) in Upper Merion Township, Montgomery County, Pennsylvania.
 19. ABB, Inc., D-1986-069-2. An application for approval of the discharge of remediation water from the existing 0.108 mgd groundwater treatment plant (GTP), as well as the withdrawal of up to 3.348 mgm of groundwater from existing Wells Nos. W-1, W-2 and W-7. The project wells are completed in the Stockton Formation. The GTP discharges to an unnamed tributary (UNT) of the Pennypack Creek via Outfall No. 1 at River Mile 109.75 - 19.7 - 1.8 (Delaware River - Pennypack Creek - UNT of the Pennypack Creek). The facility is located in the Commission's designated GWPA in the Pennypack Creek Watershed in Warminster Township, Bucks County, Pennsylvania.
-