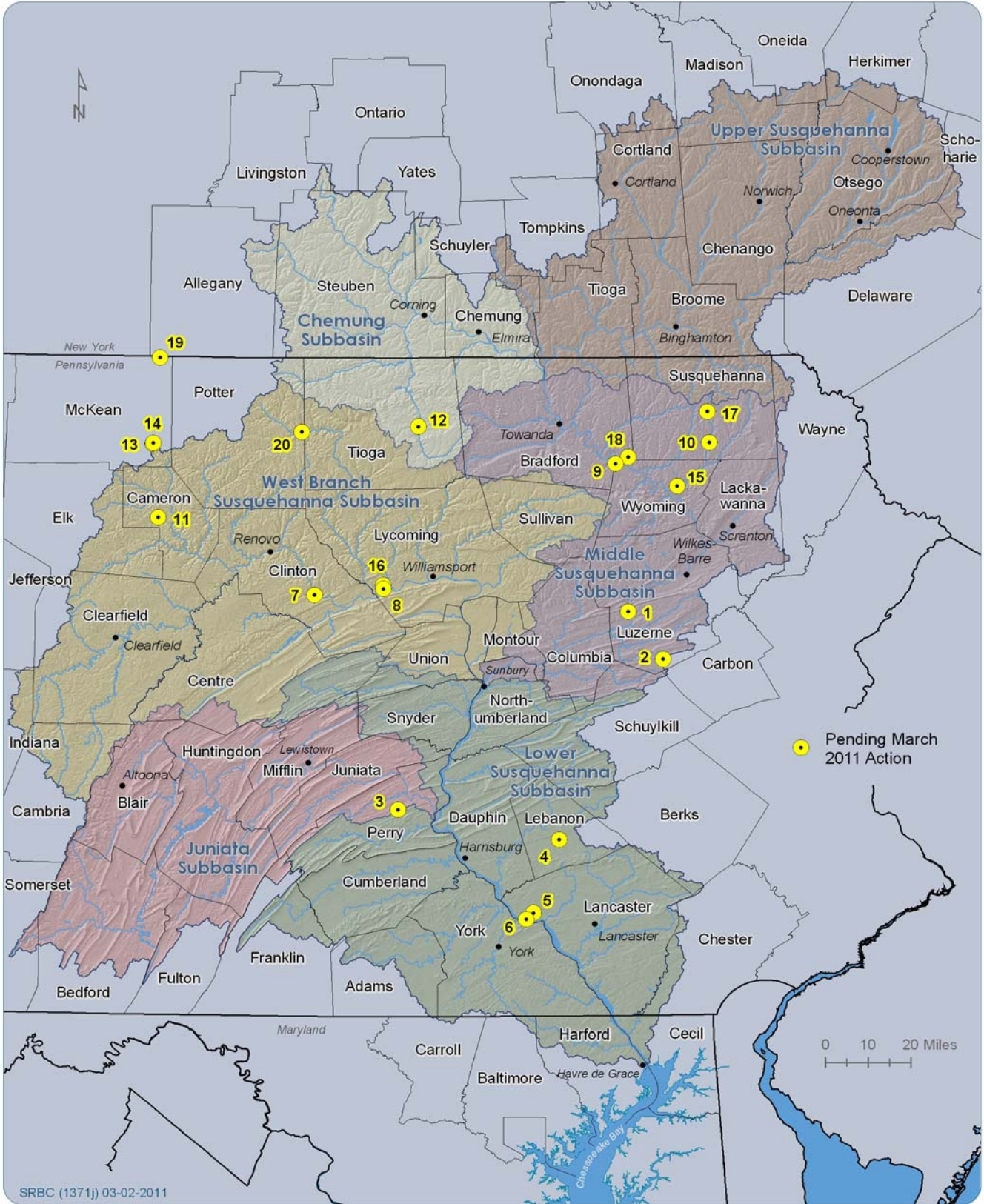


# Susquehanna River Basin Commission Juniata College

Neff Lecture Hall – William J. von Liebig Center for Science  
March 10, 2011 – 8:30 a.m.



## Definitions and Abbreviations

**Withdrawal** is the removal of water from a source for use, described as a daily quantity in **million gallons per day (mgd)** or as a maximum instantaneous rate in **gallons per minute (gpm)**.

**Streamflow** is the volume of water moving through a natural channel that passes a given point in a given period of time, commonly in units of **cubic feet per second (cfs)** or **gpm**.

**WBD—Watershed Boundary Dataset** is a unique hydrologic unit numeric identifier representing specific watershed boundaries defined by the aerial extent of surface water drainage to a point.

**DA—Drainage area, in square miles (mi<sup>2</sup>),** is the area of surface drainage upstream from the site of interest that is often delineated on a topographic map.

**ADF—Average daily flow** is the arithmetic average of the daily streamflow measurement over the entire period of record.

**Q7-10 Flow**—The lowest average, consecutive 7-day flow that would occur with a recurrence interval of 1 in 10 years. A 10-year flow event has a 10 percent chance of occurring in any 1 year.

**Passby Flow**—A prescribed flow intended to protect aquatic resources and other users that may not be diminished by the withdrawal. The Susquehanna River Basin Commission's (SRBC's) policy stipulates that a required passby flow will never be less than the Q7-10 flow.

**AMD**—Abandoned mine drainage.

**Stream Classifications**—New York (NY) and Pennsylvania (PA) classify surface waters by resource quality, stream use, and habitat. Classifications for streams are listed below:

**Class C (NY)** refers to fresh surface waters that are protected as fisheries, for fish survival and reproduction. The water quality also should be suitable for primary and secondary contact recreation, such as swimming and boating.

**T—Trout Waters (NY)** is a subcategory for streams where trout survival also is a protected use.

**CWF—Cold Water Fishes (PA)** refers to a stream where the fish population consists of trout and other fish species, such as blacknose dace, sculpins, and some darters, that need cold water to survive and reproduce.

**WWF—Warm Water Fishes (PA)** refers to a stream where the fish population consists of bass, catfish, and other fish species such as carp and bluegills, which generally live in warm water habitats.

**TSF—Trout Stocking (PA)** refers to a stream that contains a stocked trout fishery from February 15 to July 31. The fish population also consists of warm water fishes, as described above.

**EV—Exceptional Value (PA)** waters are considered an outstanding state resource for one or more reasons, such as: (1) a location in a national or state refuge or protected area; (2) an exceptional recreational significance; (3) an exceptional biological community or very high water quality; or (4) designation as a wilderness trout stream by the Pennsylvania Fish and Boat Commission. Withdrawals may not cause greater than a 5 percent loss of habitat.

**HQ—High-Quality (PA)** waters refer to streams where the biological or water quality consistently exceeds standards set by the Pennsylvania Department of Environmental Protection or that have been designated as a Class A wild trout stream by the Pennsylvania Fish and Boat Commission. Water withdrawals may not cause greater than a 5 percent loss of habitat.

## **Project Review Application Requirements and Standard Docket Conditions**

**Notification Requirements**—Project sponsors are required to notify the municipality where the project is located, the county planning agency, contiguous property owners, and publish a legal notice in a local newspaper about their project. SRBC values input from the public and considers all comments received during its technical review.

**Coordination**—SRBC conducts an independent review of project applications and coordinates its actions on projects with agencies of the signatory parties. Where the signatory agency or any political subdivision of the signatory agency (i.e., local government) having jurisdiction over the project denies or otherwise disapproves the project, SRBC will suspend its review for up to three years (pending final resolution) or terminate its review.

**Aquifer Test**—Project sponsors requesting approval of a groundwater withdrawal are required to conduct a constant-rate aquifer test (commonly 72 hours in duration) and to submit the results with their application. The aquifer test is used to evaluate impacts on the aquifer, on other nearby existing users (including domestic wells), and surface water resources (streams and wetlands). Prior approval of the testing procedures is required.

**Metering**—Projects approved by SRBC are required to meter withdrawals and consumptive uses.

**Monitoring and Reporting**—Projects approved by SRBC are required to monitor their withdrawal and consumptive use amounts and routinely report these data (quarterly) to SRBC for the duration of the approval.

**Periodic Inspection**—SRBC reserves the right to inspect or investigate the project facility, and the project sponsor shall allow authorized employees or agents of SRBC, without advance notice or a search warrant, at any reasonable time and upon presentation of appropriate credentials, and without delay, to have access to and to inspect all areas where the project is being constructed, operated, or maintained. Such employees or agents shall be authorized to conduct tests or sampling; to take photographs; to perform measurements, surveys, and other tests; to inspect the methods of construction, operation, or maintenance; to inspect all measurement equipment; to audit, examine, and copy books papers, and records pertinent to any matter under investigation; and to take any other action necessary to assure that the project is constructed, operated, or maintained in accordance with the terms and conditions of this approval or any other rule, regulation, or order of SRBC.

**Mitigation**—If SRBC determines that the operation of the project's groundwater withdrawal adversely affects any existing groundwater or surface water withdrawal, the project sponsor is required to provide, at its expense, an alternate water supply or other mitigating measures.

**Water Conservation**—Projects approved by SRBC are subject to its water conservation regulations that require use of applicable water conservation devices, recirculation and reuse strategies, properly designed irrigation systems, and metering for sources and customers.

**Docket Reopener**—SRBC reserves the right, based on new findings, to reopen any project docket and make additional orders to mitigate or avoid adverse impacts or to otherwise protect the public health, safety, welfare, or the environment.

## **Project Rescissions**

The following projects are scheduled for rescission action:

1. Project Sponsor and Facility: Chief Oil & Gas LLC (Sugar Creek) (Docket No. 20090314), West Burlington Township, Bradford County, Pa.
2. Project Sponsor and Facility: Range Resources – Appalachia, LLC (Lycoming Creek-1) (Docket No. 20080933), Hepburn Township, Lycoming County, Pa.
3. Project Sponsor and Facility: Range Resources – Appalachia, LLC (West Branch Susquehanna River) (Docket No. 20080940), Colebrook Township, Clinton County, Pa.
4. Project Sponsor and Facility: Southwestern Energy Company (Cold Creek) (Docket No. 20090909), Herrick Township, Bradford County, Pa.
5. Project Sponsor and Facility: Southwestern Energy Company (Mill Creek) (Docket No. 20090910), Stevens Township, Bradford County, Pa.
6. Project Sponsor and Facility: Southwestern Energy Company (Ross Creek) (Docket No. 20090911), Stevens Township, Bradford County, Pa.
7. Project Sponsor and Facility: Southwestern Energy Company (Tunkhannock Creek) (Docket No. 20090913), Gibson Township, Susquehanna County, Pa.
8. Project Sponsor and Facility: Southwestern Energy Company (Wyalusing Creek) (Docket No. 20090915), Wyalusing Township, Bradford County, Pa.
9. Project Sponsor and Facility: Southwestern Energy Company (Lycoming Creek) (Docket No. 20091208), Lewis Township, Lycoming County, Pa.
10. Project Sponsor and Facility: SVC Manufacturing, Inc. (Docket No. 19920907), Fairview Township, Luzerne County, Pa.

## Withdrawn Project Application

The following project application has been withdrawn by the project sponsor:

### Alta Operating Company, LLC

#### DuBois Creek

(Surface Water Withdrawal)

<i>State:</i>	PA	<i>County:</i>	Susquehanna	<i>Municipality:</i>	Great Bend Township
<i>Requested Withdrawal:</i>	0.249 mgd (peak day)		<i>From:</i>	DuBois Creek	

## Tabled Project Application

SRBC staff is recommending the following project application be tabled at this time:

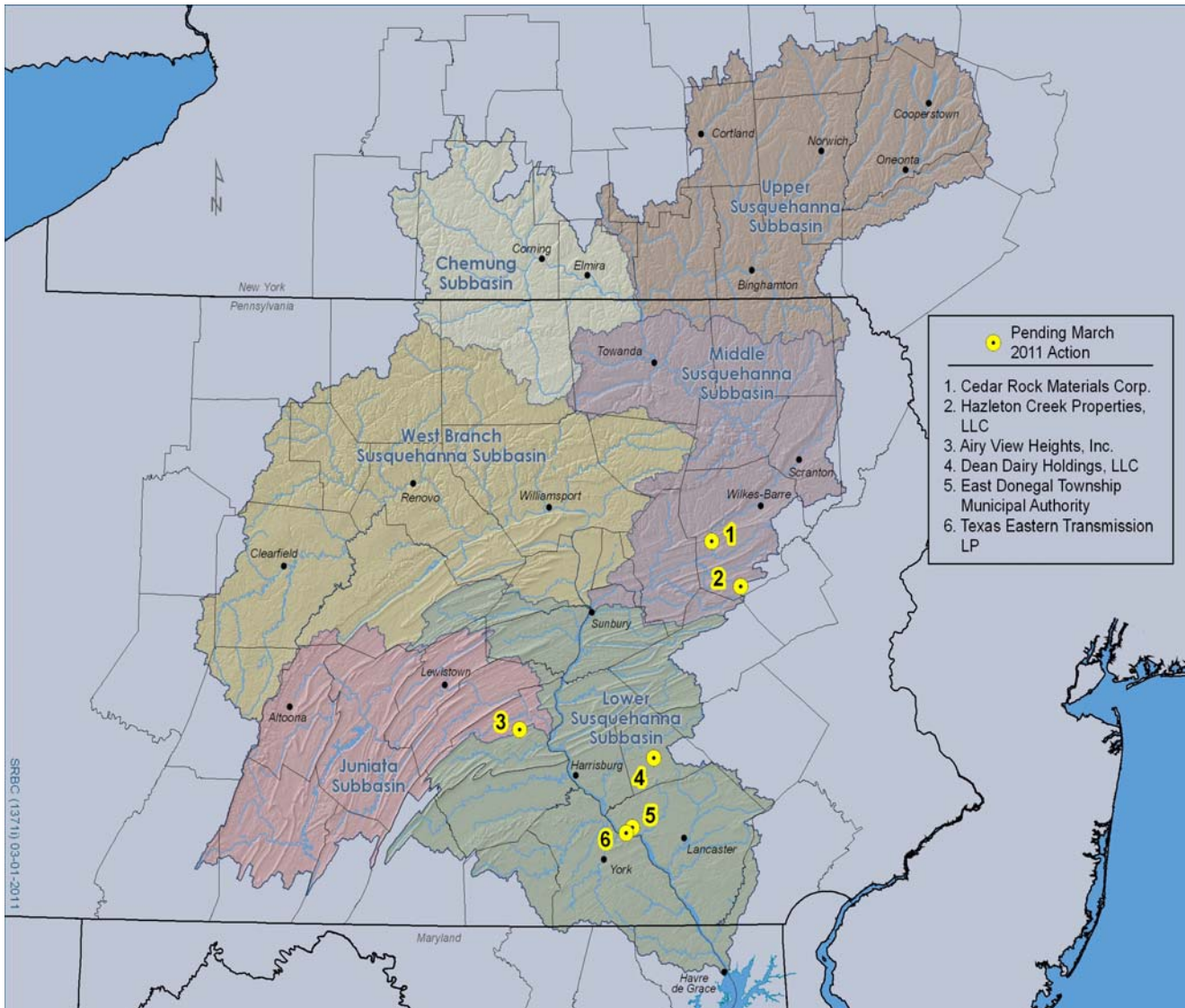
### Ephrata Area Joint Authority

#### Well 1

(Groundwater Withdrawal)

<i>State:</i>	PA	<i>County:</i>	Lancaster	<i>Municipality:</i>	Ephrata Borough
<i>Requested Withdrawal:</i>	1,500 gpm	1.210 mgd	<i>From:</i>	Well 1	

# Project Applications



SRBC staff is recommending action on the following project applications:

**Cedar Rock Materials Corp. (Map ID 1)**  
(Groundwater Withdrawal/Consumptive Use)

**SRBC Docket No. 20110302**

<i>State:</i>	PA	<i>County:</i>	Luzerne	<i>Municipality:</i>	Salem Township
<i>Requested Withdrawal:</i>	500 gpm		0.720 mgd	<i>From:</i>	Well PW-1
<i>Requested Consumptive Use:</i>	0.700 mgd (peak day)				
<b>SRBC staff's recommended action:</b> Based on the results of the approved aquifer testing, SRBC staff recommends approval at the requested rate of 0.720 mgd (30-day average) from Well PW-1 for sand and gravel quarry operations.					

**Hazleton Creek Properties, LLC** (Map ID 2)  
(Groundwater Withdrawal/Consumptive Use)

**SRBC Docket No. 20110307**

<i>State:</i>	PA	<i>County:</i>	Luzerne	<i>Municipality:</i>	Hazleton City
<i>Requested Withdrawal:</i>	162 gpm	0.055 mgd	<i>From:</i>	Well MP-1	
<i>Requested Consumptive Use:</i>	0.055 mgd (peak day)				
<p><b>SRBC staff's recommended action:</b> Approve the requested rate of 0.055 mgd (30-day average) from Well MP-1 for abandoned mine reclamation activities. Approve the requested consumptive water use of up to 0.055 mgd for the hydration of mine reclamation materials, truck tire washing, and dust suppression. The project sponsor requested a waiver of the constant-rate aquifer testing requirement for the proposed groundwater withdrawal. Based on an evaluation of the information submitted in support of the waiver, and with consideration of the hydrogeologic setting and the groundwater availability, SRBC staff recommends approval of the aquifer testing waiver request.</p>					

**Airy View Heights, Inc.** (Map ID 3)  
(Groundwater Withdrawal)

<i>State:</i>	PA	<i>County:</i>	Perry	<i>Municipality:</i>	Centre Township
<i>Requested Withdrawal:</i>	0.465 mgd		<i>From:</i>	Well PW-5	
<p><b>SRBC staff's recommended action:</b> Based on the application remaining administratively and technically incomplete despite staff's attempts to request additional information, SRBC staff recommends termination of the application.</p>					

**Dean Dairy Holdings, LLC** (Map ID 4)  
Project Facility: Swiss Premium Dairy, Inc.  
(Consumptive Use Modification)

**SRBC Docket No. 20020617-2**

<i>State:</i>	PA	<i>County:</i>	Lebanon	<i>Municipality:</i>	North Cornwall Township
<i>Requested Consumptive Use:</i>	0.200 mgd (peak day)				
<p><b>SRBC staff's recommended action:</b> Approve a modification to the existing consumptive use approval (an increase from 0.100 mgd to 0.200 mgd) to allow increased beverage production.</p>					

**East Donegal Township Municipal Authority** (Map ID 5) **SRBC Docket No. 20110305**  
(Groundwater Withdrawal)

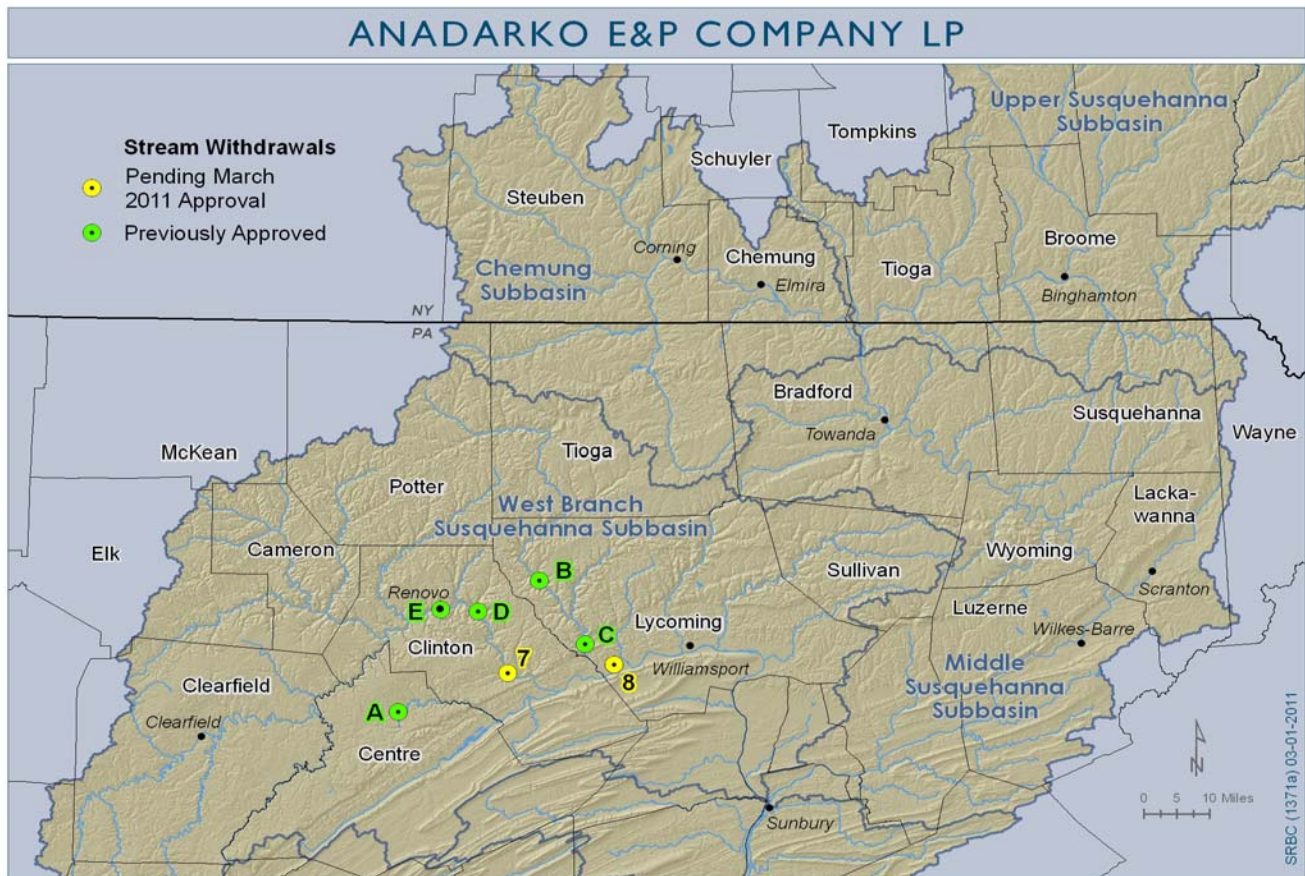
<i>State:</i>	PA	<i>County:</i>	Lancaster	<i>Municipality:</i>	East Donegal Township
<i>Requested Withdrawal:</i>	250 gpm	0.260 mgd	<i>From:</i>	Well 1	
<p><b>SRBC staff's recommended action:</b> Approve the requested rate of 0.260 mgd (30-day average) from Well 1 for distribution in a public water supply. The project sponsor requested a waiver of the constant-rate aquifer testing requirement for the existing groundwater withdrawal. Based on an evaluation of the submitted historical aquifer testing data for Well 1, Well 1 historical operational data, the hydrogeologic setting, and the groundwater availability, SRBC staff recommends approval of the aquifer testing waiver request.</p>					

**Texas Eastern Transmission LP (Map ID 6)**  
 (Surface Water Withdrawal)

**SRBC Docket No. 20110314**

<i>State:</i>	PA	<i>County:</i>	Lancaster	<i>Municipality:</i>	East Donegal Township	
<i>Requested Withdrawal:</i>	1,600 gpm	2.304 mgd (daily)	<i>From:</i>	Susquehanna River		
<i>WBD:</i>	0205030617	<i>Drainage Area:</i>	25,859 mi <sup>2</sup>	<i>Stream Class:</i>	WWF	
<i>Q7-10:</i>	2,697 cfs	<i>ADF:</i>	37,072 cfs	<i>Passby Required:</i>	No	
<b>SRBC staff's recommended action:</b> Approve the requested rate of 1,600 gpm for hydrostatic testing of the proposed pipeline; peak day is limited to the requested 2.304 mgd.						

# Natural Gas Development Project Applications



## Anadarko E&P Company LP

Map ID	Source	Approved Quantity (mgd)
7	West Branch Susquehanna River (Riverview)	1.500
8	West Branch Susquehanna River-3 (modification to Docket No. 20090307)	0.720
A	Beech Creek – Docket No. 20100901	0.720
B	Pine Creek-2 – Docket No. 20100902	0.720
C	Pine Creek (PC1N) – Docket No. 20101201	0.720
D	West Branch Susquehanna River-1 – Docket No. 20090305	0.720
E	West Branch Susquehanna River-2 – Docket No. 20090306	0.720

**West Branch Susquehanna River (Riverview)**  
(Map ID 7)

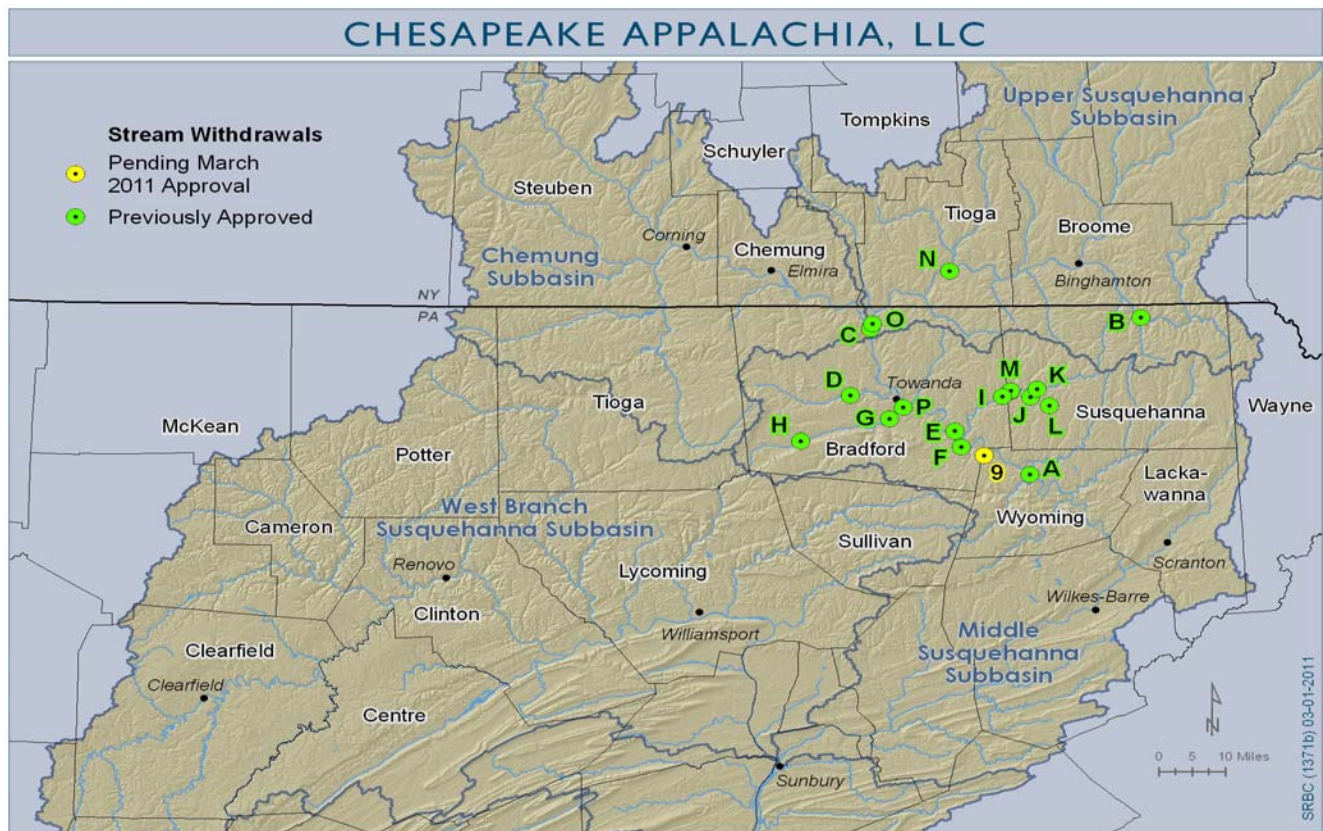
**SRBC Docket No. 20110301**

<i>State:</i>	PA	<i>County:</i>	Clinton	<i>Municipality:</i>	Colebrook Township
<i>Requested Withdrawal:</i>	1,042 gpm	1.500 mgd (daily)			
<i>WBD:</i>	0205020304	<i>Drainage Area:</i>	3,237 mi <sup>2</sup>	<i>Stream Class:</i>	WWF
<i>Q7-10:</i>	177 cfs	<i>ADF:</i>	5,409 cfs	<i>Passby Required:</i>	Yes, 20% ADF
<p><b>SRBC staff's recommended action:</b> Approve maximum instantaneous rate of withdrawal up to the requested 1,042 gpm; peak day is limited to the requested 1.500 mgd, when available. Considering SRBC Policy No. 2003-01, allow a 20% ADF passby flow of 1,082 cfs (485,532 gpm).</p>					

**West Branch Susquehanna River-3 (Map ID 8)**

**SRBC Docket No. 20090307-1**

<i>State:</i>	PA	<i>County:</i>	Lycoming	<i>Municipality:</i>	Nippenose Township
<i>Requested Withdrawal:</i>	1,000 gpm	0.720 mgd (daily)			
<i>WBD:</i>	0205020606	<i>Drainage Area:</i>	5,230 mi <sup>2</sup>	<i>Stream Class:</i>	WWF
<i>Q7-10:</i>	442.7 cfs	<i>ADF:</i>	8,063 cfs	<i>Passby Required:</i>	No
<p><b>SRBC staff's recommended action:</b> Approve increase of the maximum instantaneous rate of withdrawal from 500 gpm to 1,000 gpm; peak day remains limited to 0.720 mgd.</p>					



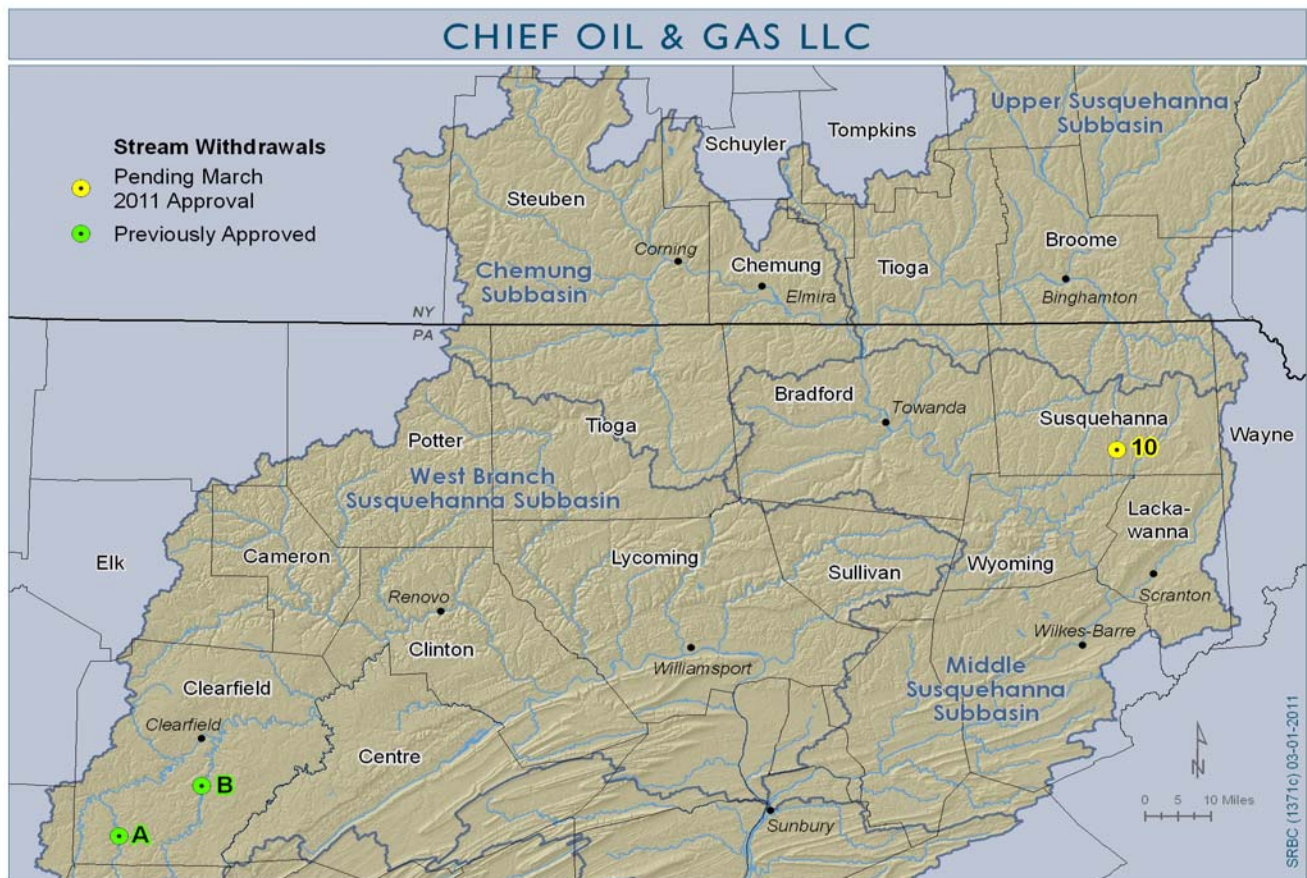
### Chesapeake Appalachia, LLC

Map ID	Source	Approved Quantity (mgd)
9	Susquehanna River	3.000
A	Susquehanna River – Docket No. 20080923	0.999
B	Susquehanna River (Hicks) – Docket No. 20091201	0.750
C	Chemung River (Barrett) – Docket No. 20090603	0.999
D	Sugar Creek (Isbell) – Docket No. 20090604	0.499
E	Susquehanna River (Newton) – Docket No. 20090605	0.999
F	Susquehanna River (McCarty) – Docket No. 20090606	1.440
G	Towanda Creek (Monroe Hose) – Docket No. 20090607	0.400
H	Towanda Creek (DeCristo) – Docket No. 20090608	0.499
I	Wyalusing Creek (Vanderfeltz) – Docket No. 20090610	0.499
J	Deer Lick Creek – Docket No. 20081224	0.216
K	East Branch Wyalusing Creek – Docket No. 20081225	0.216
L	Elk Lake Stream – Docket No. 20081226	0.216
M	Wyalusing Creek – Docket No. 20081227	0.216
N	Susquehanna River (Town of Tioga) – Docket No. 20080903	0.999
O	Susquehanna River (Athens Township) – Docket No. 20080906	0.999
P	Susquehanna River (Wysox Township) – Docket No. 20080914	0.999

**Susquehanna River (Map ID 9)**

**SRBC Docket No. 20110303**

<i>State:</i>	PA	<i>County:</i>	Wyoming	<i>Municipality:</i>	Braintrim Township	
<i>Requested Withdrawal:</i>		2,083 gpm	3.000 mgd (daily)			
<i>WBD:</i>	0205010614	<i>Drainage Area:</i>	8,550 mi <sup>2</sup>	<i>Stream Class:</i>	WWF	
<i>Q7-10:</i>	658.9 cfs	<i>ADF:</i>	10,824.8 cfs	<i>Passby Required:</i>	Yes, 20% ADF	
<p><b>SRBC staff's recommended action:</b> Approve maximum instantaneous rate of withdrawal up to the requested 2,083 gpm; peak day is limited to the requested 3.000 mgd, when available. Considering SRBC Policy No. 2003-01, allow a 20% ADF passby flow of 2,165 cfs (971,824 gpm).</p>						



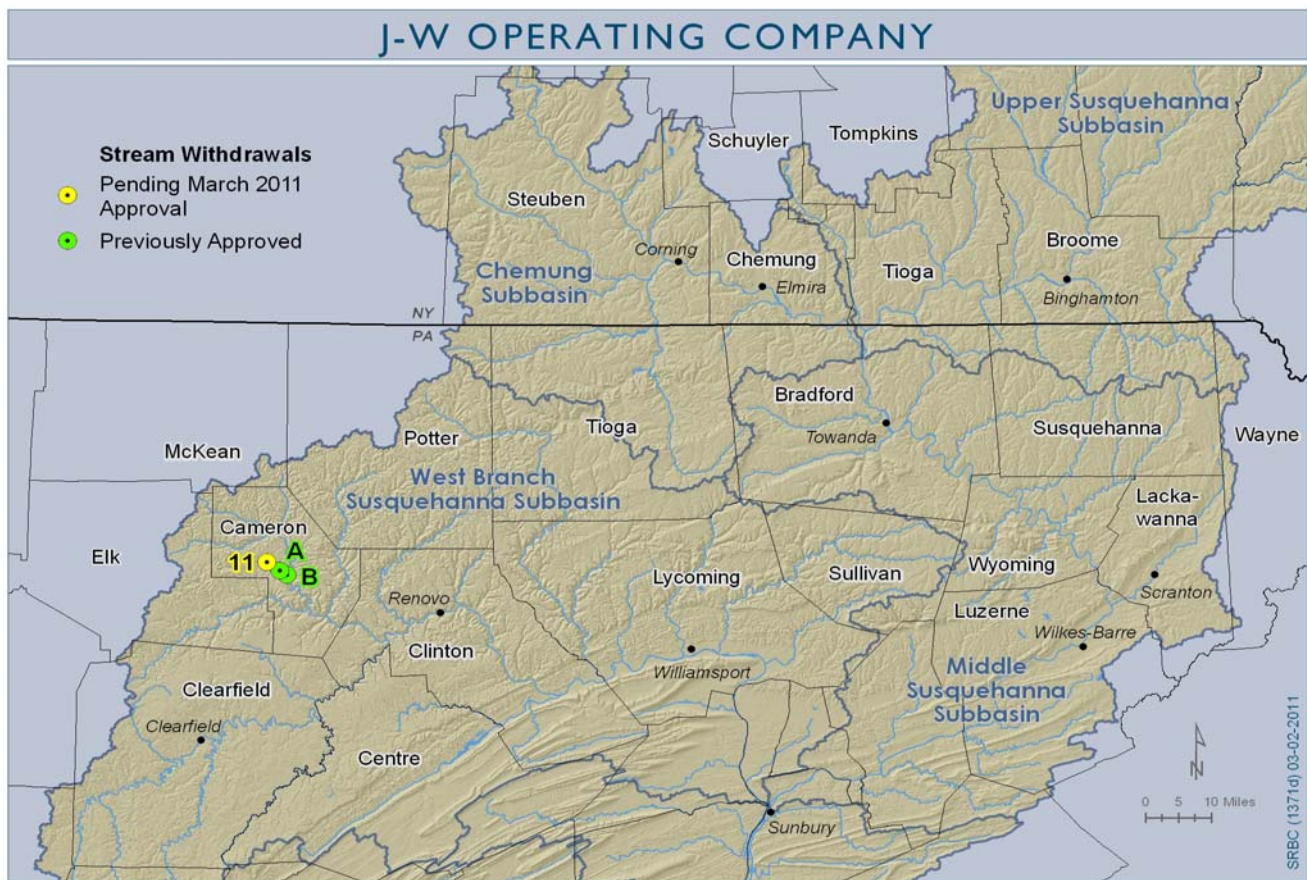
## Chief Oil & Gas LLC

Map ID	Source	Approved Quantity (mgd)
10	Martins Creek	0.360
A	Chest Creek (Kitchen) – Docket No. 20100603	0.216
B	Clearfield Creek – Docket No. 20081202	0.547

### Martins Creek (Map ID 10)

### SRBC Docket No. 20110304

<i>State:</i>	PA	<i>County:</i>	Susquehanna	<i>Municipality:</i>	Hop Bottom Borough	
<i>Requested Withdrawal:</i>	250 gpm	0.360 mgd (daily)				
<i>WBD:</i>	0205010612	<i>Drainage Area:</i>	44.4 mi <sup>2</sup>	<i>Stream Class:</i>	CWF	
<i>Q7-10:</i>	2.0 cfs	<i>ADF:</i>	62.7 cfs	<i>Passby Required:</i>	Yes, 20% ADF	
<b>SRBC staff's recommended action:</b> Approve maximum instantaneous rate of withdrawal up to the requested 250 gpm; peak day is limited to the requested 0.360 mgd, when available. Considering SRBC Policy No. 2003-01, allow a 20% ADF passby flow of 12.5 cfs (5,631 gpm).						

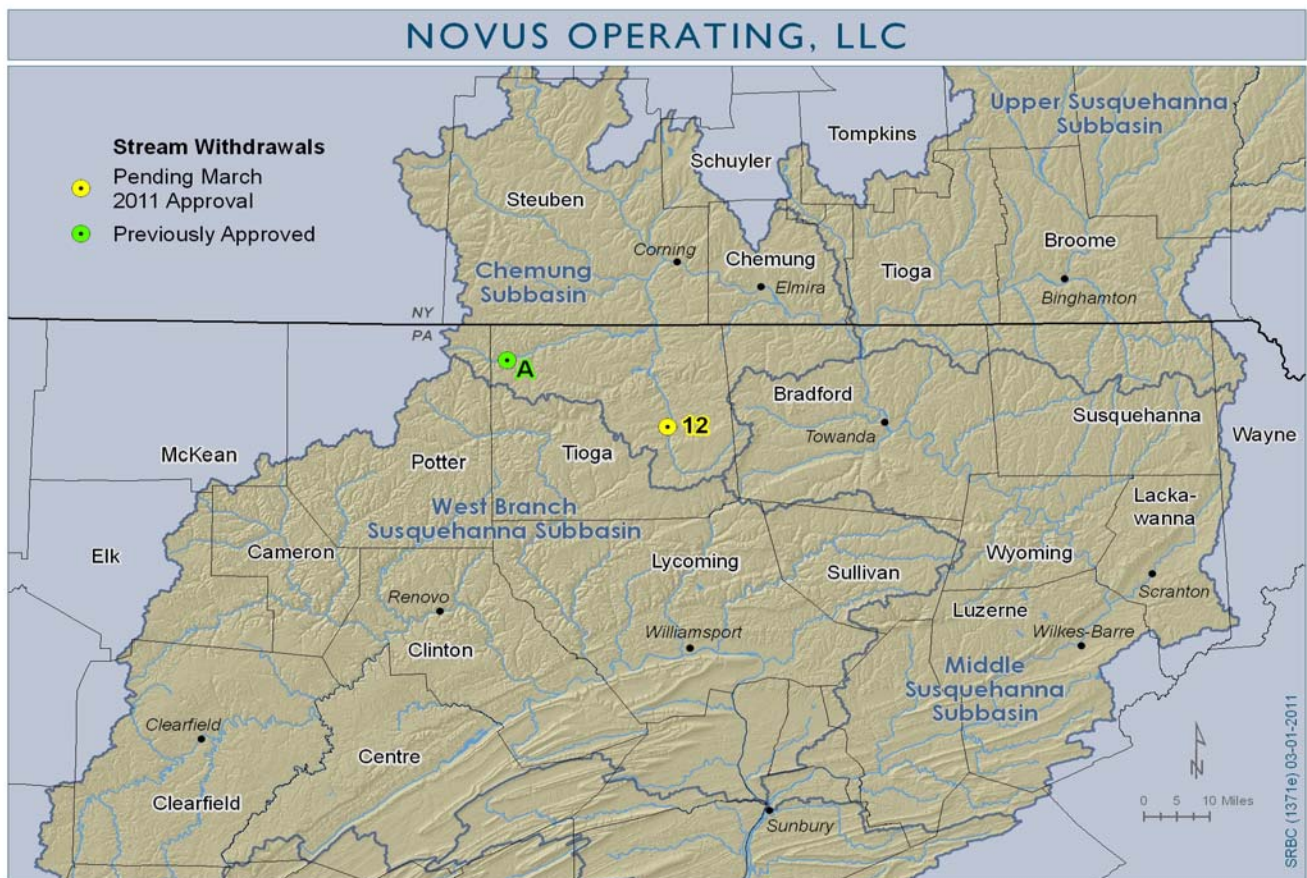


### J-W Operating Company

Map ID	Source	Approved Quantity (mgd)
11	Plum Grove Cameron 5 Strip Mine Pond	0.090
A	Sterling Run – Docket No. 20090330	0.499
B	Driftwood Branch Sinnemahoning Creek – Docket No. 20081213	0.245

#### Plum Grove Cameron 5 Strip Mine Pond (Map ID 11)      SRBC Docket No. 20110308

<i>State:</i>	PA	<i>County:</i>	Cameron	<i>Municipality:</i>	Shippen Township
<i>Requested Withdrawal:</i>	125 gpm	0.090 mgd (daily)			
<i>WBD:</i>	0205020202	<i>Drainage Area:</i>	0.08 mi <sup>2</sup>	<i>Stream Class:</i>	Unclassified
<i>Q7-10:</i>	0.0015 cfs	<i>ADF:</i>	0.110 cfs	<i>Passby Required:</i>	Yes, Q7-10
<b>SRBC staff's recommended action:</b> Approve maximum instantaneous rate of withdrawal up to the requested 125 gpm; peak day is limited to the requested 0.090 mgd, when available. Considering SRBC Policy No. 2003-01, allow a Q7-10 passby flow.					



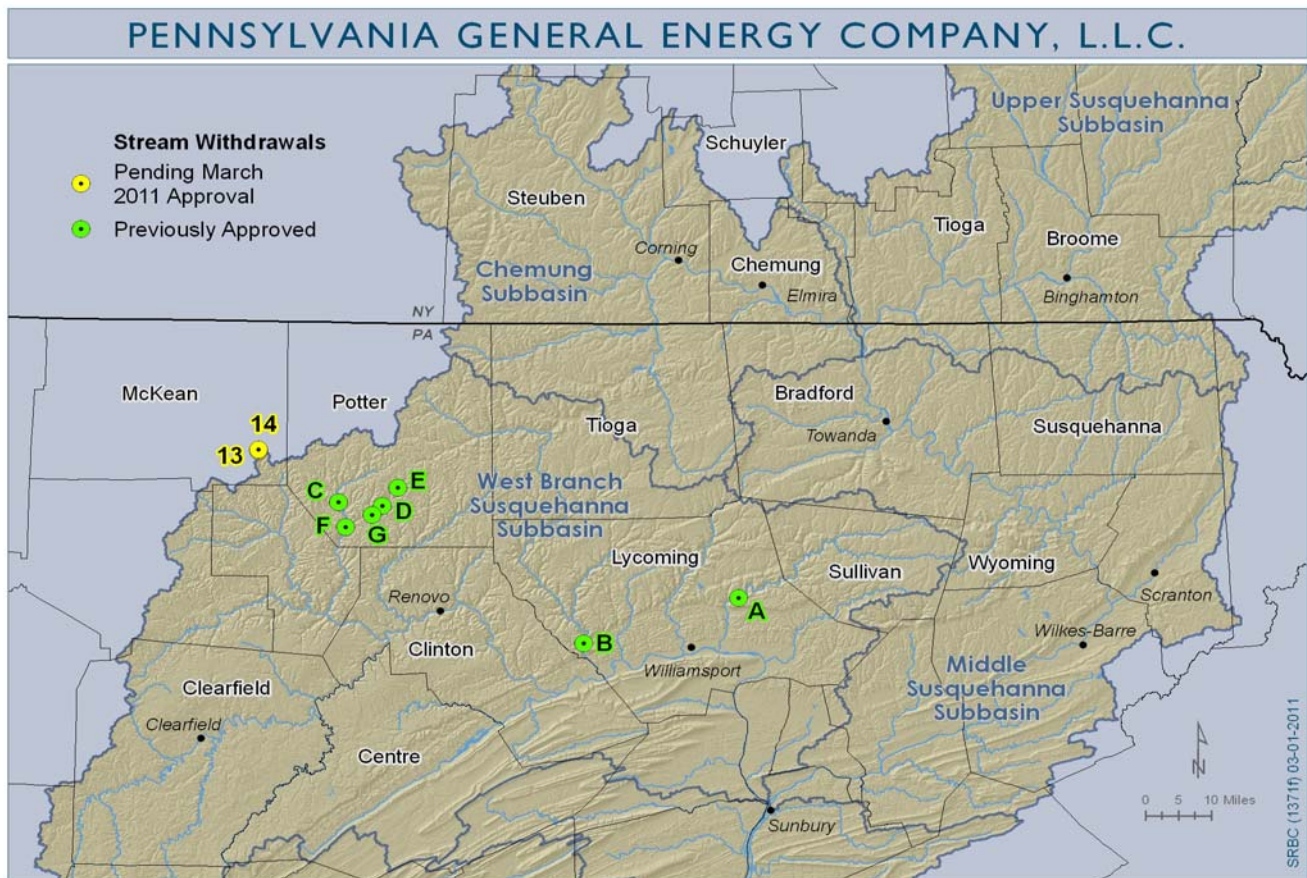
## Novus Operating, LLC

Map ID	Source	Approved Quantity (mgd)
12	Tioga River	1.750
A	Cowanesque River – Docket No. 20100910	0.750

### Tioga River (Map ID 12)

### SRBC Docket No. 20110309

<i>State:</i>	PA	<i>County:</i>	Tioga	<i>Municipality:</i>	Covington Township
<i>Requested Withdrawal:</i>	2,430 gpm		1.750 mgd (daily)		
<i>WBD:</i>	0205010409	<i>Drainage Area:</i>	109 mi <sup>2</sup>	<i>Stream Class:</i>	CWF
<i>Q7-10:</i>	7.0 cfs	<i>ADF:</i>	156 cfs	<i>Passby Required:</i>	Yes, 15% ADF
<b>SRBC staff's recommended action:</b> Approve maximum instantaneous rate of withdrawal up to the requested 2,430 gpm; peak day is limited to the requested 1.750 mgd, when available. Considering SRBC Policy No. 2003-01, allow a 15% ADF passby flow of 23.4 cfs (10,487 gpm).					



**Pennsylvania General Energy Company, L.L.C.**

<b>Map ID</b>	<b>Source</b>	<b>Approved Quantity (mgd)</b>
13	Scaffold Lick Pond 1	0.500
14	Scaffold Lick Pond 2	0.500
A	Loyalsock Creek (Hershberger) – Docket No. 20100609	0.918
B	Pine Creek (Poust) – Docket No. 20100610	0.918
C	First Fork Sinnemahoning Creek-1 (Sylvania Township) – Docket No. 20080924	0.107
D	East Fork Sinnemahoning Creek-1 (East Fork Township) – Docket No. 20080925	0.025
E	East Fork Sinnemahoning Creek-2 (East Fork Township) – Docket No. 20080922	0.008
F	First Fork Sinnemahoning Creek-2 (Wharton Township) – Docket No. 20080928	0.231
G	East Fork Sinnemahoning Creek-3 (Wharton Township) – Docket No. 20080926	0.027

**Scaffold Lick Pond 1** (Map ID 13)  
 (Into-Basin Diversion from the Ohio River Basin)

**SRBC Docket No. 20110316**

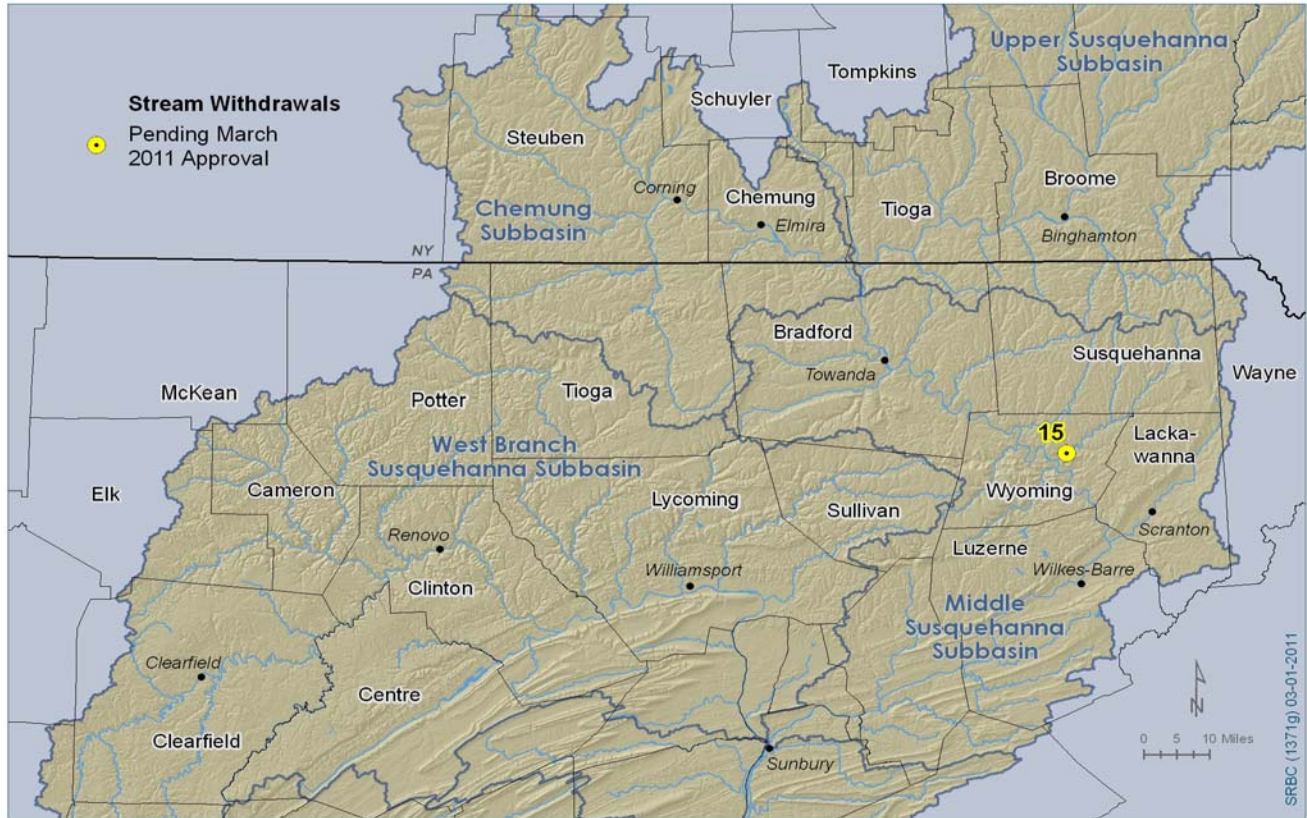
<i>State:</i>	PA	<i>County:</i>	McKean	<i>Municipality:</i>	Liberty Township
<i>Requested Into-Basin Diversion:</i>	0.500 mgd (peak day)			<i>From:</i>	Scaffold Lick Pond 1
<b>SRBC staff's recommended action:</b> Approve an into-basin diversion of up to 0.500 mgd of source water from Scaffold Lick Pond 1 from the Ohio River Basin.					

**Scaffold Lick Pond 2** (Map ID 14)  
 (Into-Basin Diversion from the Ohio River Basin)

**SRBC Docket No. 20110317**

<i>State:</i>	PA	<i>County:</i>	McKean	<i>Municipality:</i>	Liberty Township
<i>Requested Into-Basin Diversion:</i>	0.500 mgd (peak day)			<i>From:</i>	Scaffold Lick Pond 2
<b>SRBC staff's recommended action:</b> Approve an into-basin diversion of up to 0.500 mgd of source water from Scaffold Lick Pond 2 from the Ohio River Basin.					

PEOPLES FINANCIAL SERVICES CORPORATION



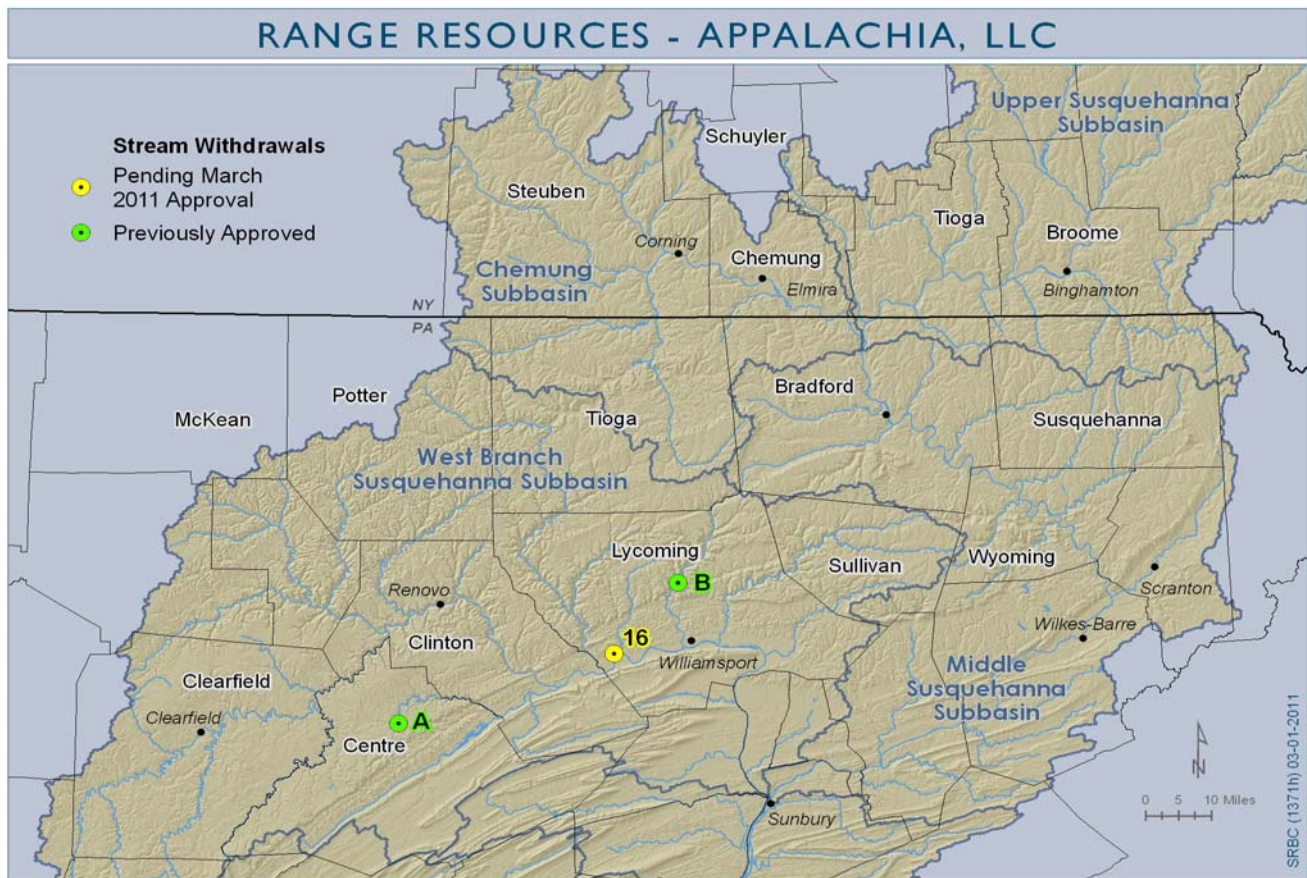
**Peoples Financial Services Corporation**

Map ID	Source	Approved Quantity (mgd)
15	Tunkhannock Creek	0.999

**Tunkhannock Creek (Map ID 15)**

**SRBC Docket No. 20110310**

<i>State:</i>	PA	<i>County:</i>	Wyoming	<i>Municipality:</i>	Tunkhannock Township
<i>Requested Withdrawal:</i>	1,042 gpm	0.999 mgd (daily)			
<i>WBD:</i>	0205010612	<i>Drainage Area:</i>	395 mi <sup>2</sup>	<i>Stream Class:</i>	CWF-TSF
<i>Q7-10:</i>	17.9 cfs	<i>ADF:</i>	559 cfs	<i>Passby Required:</i>	Yes, 20% ADF
<p><b>SRBC staff's recommended action:</b> Approve maximum instantaneous rate of withdrawal up to the requested 1,042 gpm; peak day is limited to the requested 0.999 mgd, when available. Considering SRBC Policy No. 2003-01, allow a 20% ADF passby flow of 111.7 cfs (50,126 gpm).</p>					



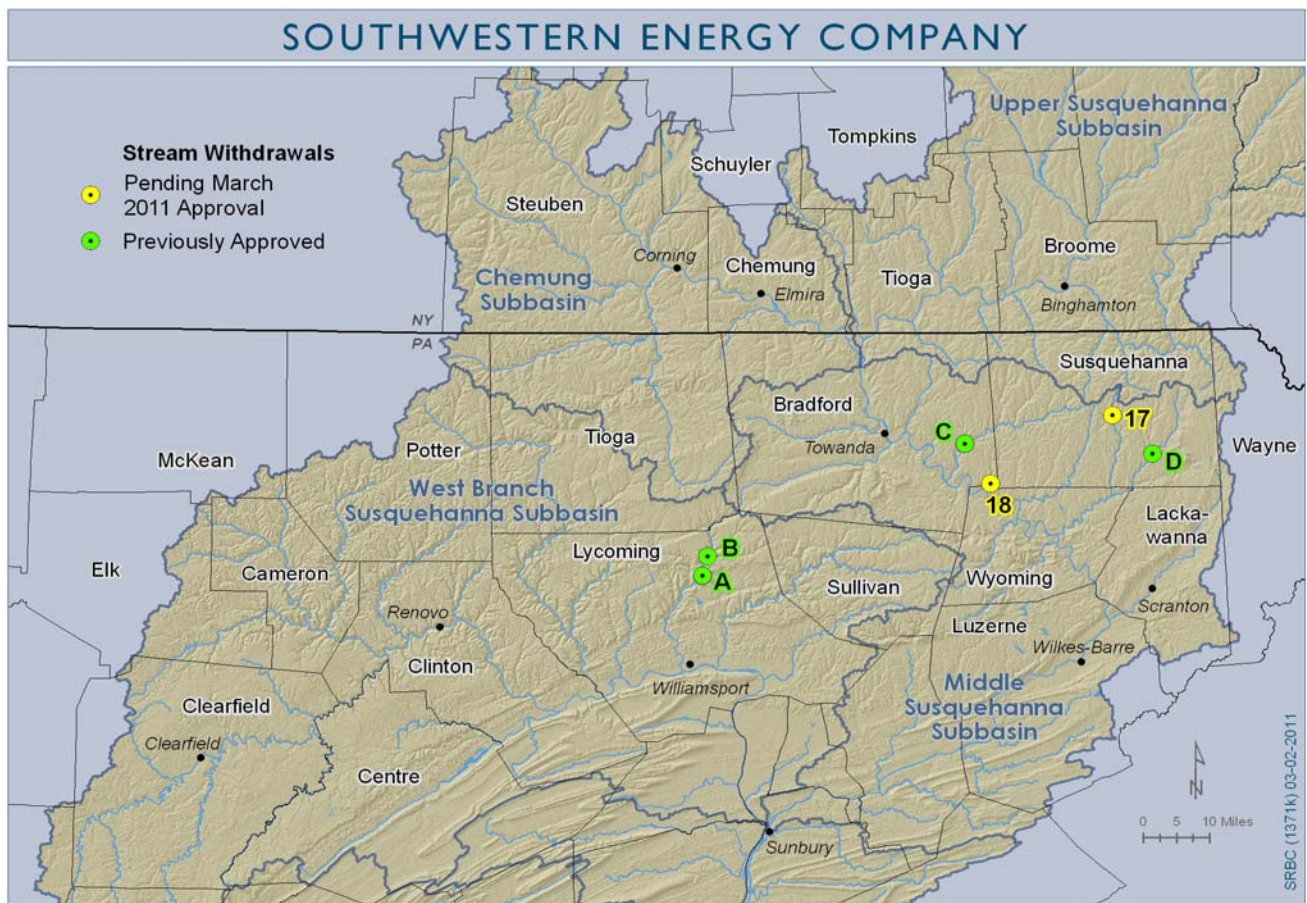
**Range Resources – Appalachia, LLC**

Map ID	Source	Approved Quantity (mgd)
16	West Branch Susquehanna River	3.000
A	Beech Creek – Docket No. 20080945	0.200
B	Lycoming Creek-2 – Docket No. 20080932	0.200

**West Branch Susquehanna River (Map ID 16)**

**SRBC Docket No. 20110311**

<i>State:</i>	PA	<i>County:</i>	Lycoming	<i>Municipality:</i>	Piatt Township
<i>Requested Withdrawal:</i>	2,083 gpm	3,000 mgd (daily)			
<i>WBD:</i>	0205020606	<i>Drainage Area:</i>	5,234 mi <sup>2</sup>	<i>Stream Class:</i>	WWF
<i>Q7-10:</i>	557 cfs	<i>ADF:</i>	8,216 cfs	<i>Passby Required:</i>	Yes, 20% ADF
<b>SRBC staff's recommended action:</b> Approve maximum instantaneous rate of withdrawal up to the requested 2,083 gpm; peak day is limited to the requested 3,000 mgd, when available. Considering SRBC Policy No. 2003-01, allow a 20% ADF passby flow of 1,644 cfs (737,534 gpm).					



**Southwestern Energy Company**

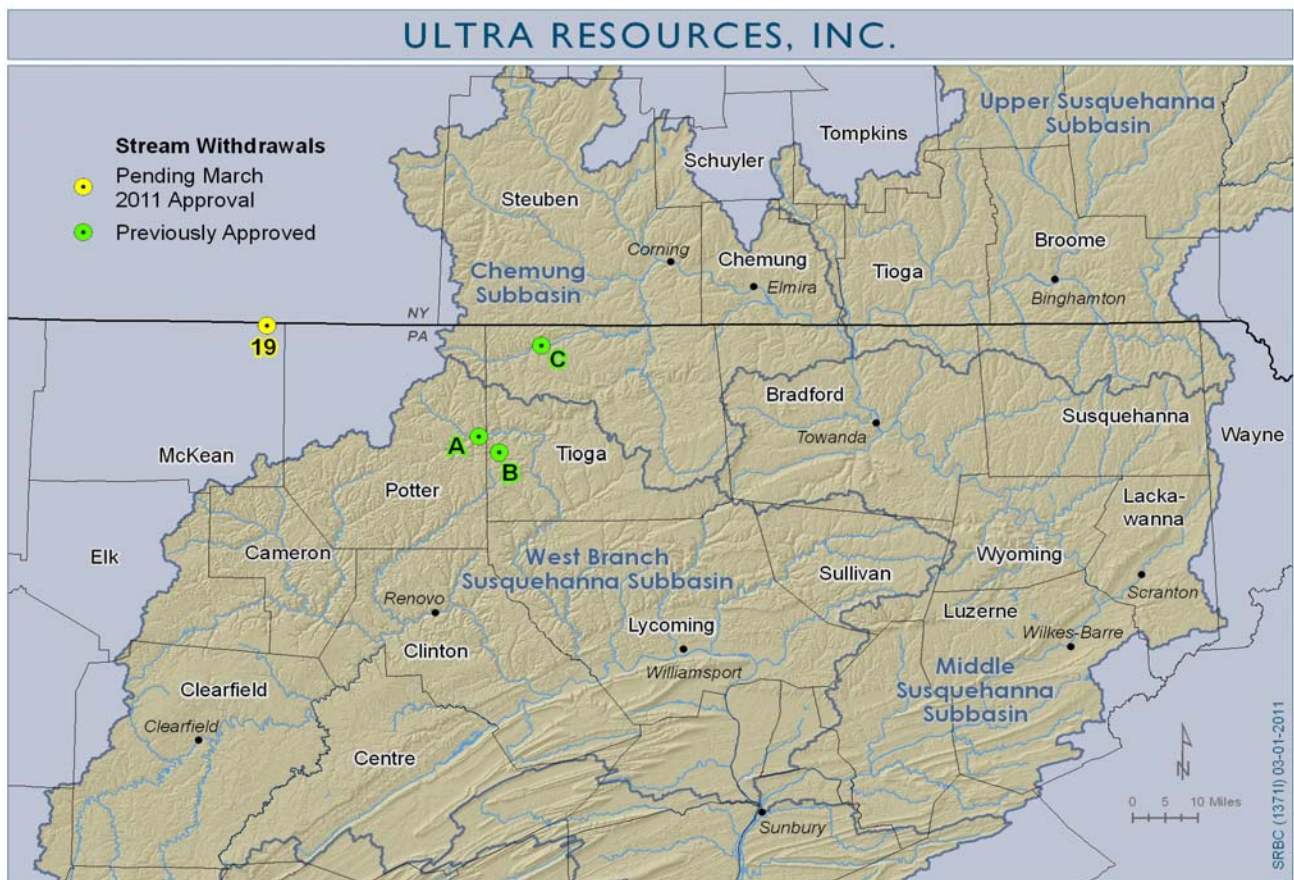
<b>Map ID</b>	<b>Source</b>	<b>Approved Quantity (mgd)</b>
17	Martins Creek	0.997
18	Tuscarora Creek	0.500
A	Lycoming Creek (Bodines – Reichenbach) – Docket No. 20091207	1.500
B	Lycoming Creek (Ralston – Schaefer) – Docket No. 20091210	1.500
C	Wyalusing Creek (Ferguson) – Docket No. 20090914	1.500
D	Tunkhannock Creek (Price) – Docket No. 20090625	0.380

**Martins Creek (Map ID 17)****SRBC Docket No. 20110312**

<i>State:</i>	PA	<i>County:</i>	Susquehanna	<i>Municipality:</i>	Brooklyn and Harford Townships	
<i>Requested Withdrawal:</i>	692 gpm	0.997 mgd (daily)				
<i>WBD:</i>	0205010612	<i>Drainage Area:</i>	5.6 mi <sup>2</sup>	<i>Stream Class:</i>	CWF	
<i>Q7-10:</i>	0.13 cfs	<i>ADF:</i>	8.42 cfs	<i>Passby Required:</i>	Yes, 20% ADF	
<b>SRBC staff's recommended action:</b> Approve maximum instantaneous rate of withdrawal up to the requested 692 gpm; peak day is limited to the requested 0.997 mgd, when available. Considering SRBC Policy No. 2003-01, allow a 20% ADF passby flow of 1.68 cfs (756 gpm).						

**Tuscarora Creek (Map ID 18)****SRBC Docket No. 20110313**

<i>State:</i>	PA	<i>County:</i>	Bradford	<i>Municipality:</i>	Tuscarora Township	
<i>Requested Withdrawal:</i>	347 gpm	0.500 mgd (daily)				
<i>WBD:</i>	0205010614	<i>Drainage Area:</i>	38 mi <sup>2</sup>	<i>Stream Class:</i>	CWF	
<i>Q7-10:</i>	1.8 cfs	<i>ADF:</i>	54 cfs	<i>Passby Required:</i>	Yes, 20% ADF	
<b>SRBC staff's recommended action:</b> Approve maximum instantaneous rate of withdrawal up to the requested 347 gpm; peak day is limited to the requested 0.500 mgd, when available. Considering SRBC Policy No. 2003-01, allow a 20% ADF passby flow of 11 cfs (4,817 gpm).						



### Ultra Resources, Inc.

Map ID	Source	Approved Quantity (mgd)
19	Wayne Gravel Products Quarry	1.170
A	Pine Creek – Docket No. 20090332	0.936
B	Elk Run (Bergey) – Docket No. 20090631	0.020
C	Cowanesque River – Docket No. 20081229	0.217

**Wayne Gravel Products Quarry (Map ID 19)**  
(Into-Basin Diversion from the Ohio River Basin)

**SRBC Docket No. 20110318**

<i>State:</i>	PA	<i>County:</i>	McKean	<i>Municipality:</i>	Ceres Township
<i>Requested Into-Basin Diversion:</i>	1.170 mgd (peak day)		<i>From:</i>	Wayne Gravel Products Quarry	
<b>SRBC staff's recommended action:</b> Approve an into-basin diversion of up to 1.170 mgd of source water from the Wayne Gravel Products Quarry in the Ohio River Basin.					



## Victory Energy Corporation

Map ID	Source	Approved Quantity (mgd)
20	Pine Creek	0.460

### Pine Creek (Map ID 20)

### SRBC Docket No. 20110315

<i>State:</i>	PA	<i>County:</i>	Potter	<i>Municipality:</i>	Pike Township
<i>Requested Withdrawal:</i>	320 gpm	0.460 mgd (daily)			
<i>WBD:</i>	0205020502	<i>Drainage Area:</i>	178 mi <sup>2</sup>	<i>Stream Class:</i>	EV
<i>Q7-10:</i>	7.10 cfs	<i>ADF:</i>	246.67 cfs	<i>Passby Required:</i>	Yes, 25% ADF
<b>SRBC staff's recommended action:</b> Approve maximum instantaneous rate of withdrawal to the requested 320 gpm; peak day is limited to the requested 0.460 mgd, when available. Considering SRBC Policy No. 2003-01, allow a 25% ADF passby flow of 62 cfs (27,678 gpm).					



Please visit our website at: [www.srbc.net](http://www.srbc.net)