

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.

HUC—Hydrologic Unit Code is a unique numeric identifier representing a specific surface drainage area, used for management purposes.

DA—Drainage area, in **square miles (mi²)**, 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 (Commission'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. The Commission values input from the public and considers all comments received during its technical review.

Coordination—The Commission 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, the Commission 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 the Commission are required to meter withdrawals and consumptive uses.

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

Periodic Inspection—The Commission reserves the right to inspect or investigate the project facility, and the project sponsor shall allow authorized employees or agents of the Commission, 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 the Commission.

Mitigation—If the Commission 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 the Commission 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—The Commission 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.

Tabled Project Applications

Commission staff is recommending the following five project applications be tabled at this time:

J-W Operating Company

Abandoned Mine Pool (surface water and groundwater aspects)

<i>State:</i>	PA	<i>County:</i>	Cameron	<i>Municipality:</i>	Shippen Township	
<i>Requested Withdrawal:</i>	62 gpm		0.090 mgd			
<i>HUC:</i>	0205020202	<i>Drainage Area:</i>	0.08 mi ²	<i>Stream Class:</i>	HQ-CWF	
<i>Q7-10:</i>	0.1 gpm	<i>ADF:</i>	0.13 cfs			

Sterling Run

<i>State:</i>	PA	<i>County:</i>	Cameron	<i>Municipality:</i>	Lumber Township	
<i>Requested Withdrawal:</i>	18 gpm		0.026 mgd (daily)	0.026 mgd (30-day average)		
<i>HUC:</i>	0205020202	<i>Drainage Area:</i>	22.8 mi ²	<i>Stream Class:</i>	CWF (Class D)	
<i>Q7-10:</i>	195 gpm	<i>ADF:</i>	37.42 cfs			

PPL Holtwood, LLC

Holtwood Hydroelectric Station

<i>State:</i>	PA	<i>County:</i>	Lancaster and York	<i>Municipality:</i>	Martic and Conestoga Townships, and Chanceford and Lower Chanceford Townships	
Commission staff's recommended action: Release water for environmental benefits, improve and expand fish passage, and enhance recreation facilities.						

Ultra Resources, Inc.

Elk Run

<i>State:</i>	PA	<i>County:</i>	Tioga	<i>Municipality:</i>	Gaines Township	
<i>Requested Withdrawal:</i>	14 gpm		0.020 mgd (daily)	0.020 mgd (30-day average)		
<i>HUC:</i>	0205020502	<i>Drainage Area:</i>	11.4 mi ²	<i>Stream Class:</i>	HQ-CWF (Class A)	
<i>Q7-10:</i>	95 gpm	<i>ADF:</i>	17.57 cfs			

Pine Creek

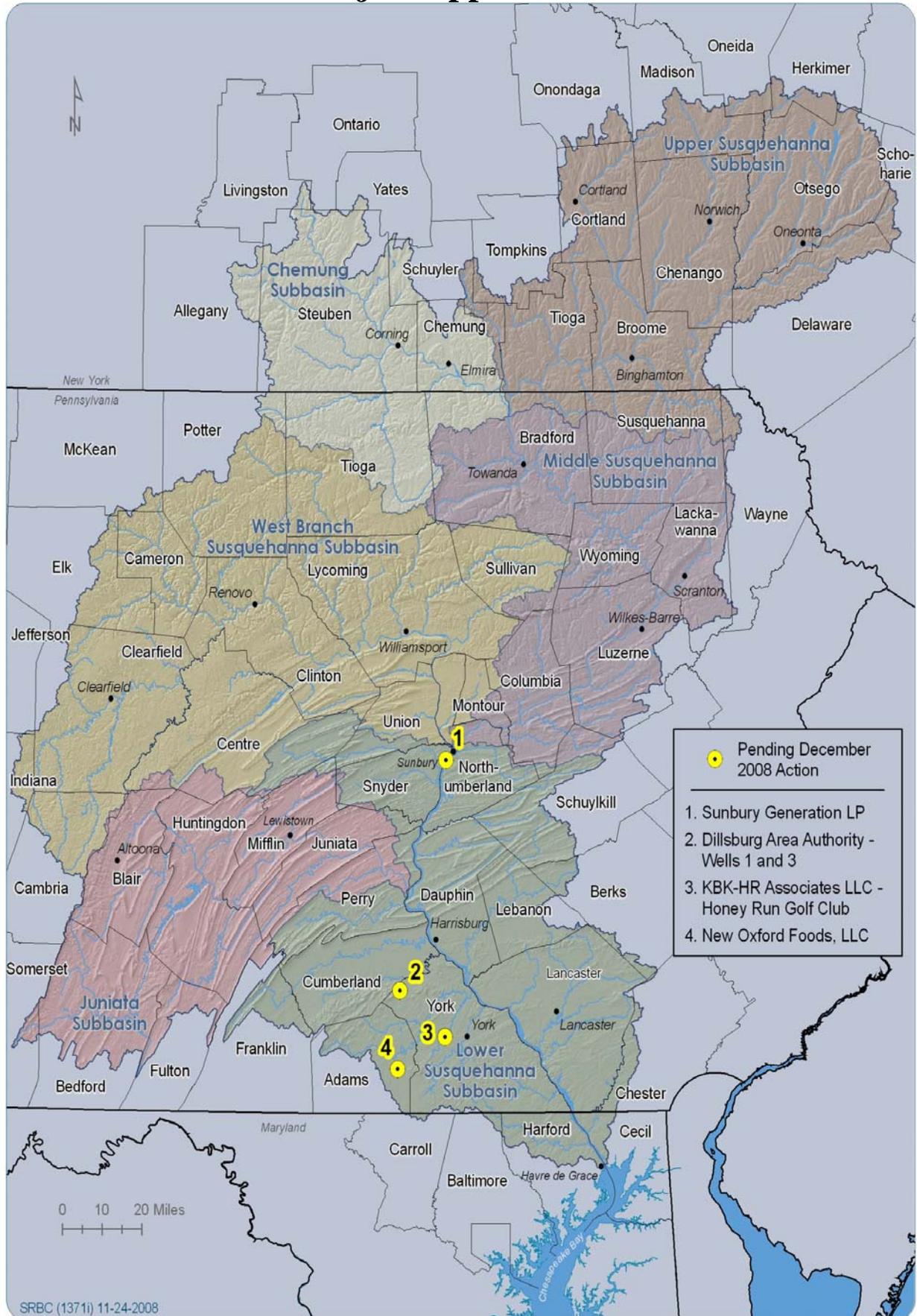
<i>State:</i>	PA	<i>County:</i>	Potter	<i>Municipality:</i>	Pike Township	
<i>Requested Withdrawal:</i>	298 gpm		0.430 mgd (daily)			
<i>HUC:</i>	0205020502	<i>Drainage Area:</i>	178 mi ²	<i>Stream Class:</i>	EV	
<i>Q7-10:</i>	3,190 gpm	<i>ADF:</i>	246.67 cfs			

The following project application has been withdrawn:

EXCO–North Coast Energy, Inc.

Consumptive Use – Application withdrawn by project sponsor.

Project Applications



SRBC (1371) 11-24-2008

Commission staff is recommending action on the following project applications:

Sunbury Generation LP

SRBC Docket No. 20081222

Sunbury Generation Facility (Map ID 1)

<i>State:</i>	PA	<i>County:</i>	Snyder	<i>Municipality:</i>	Monroe Township and Shamokin Dam Borough
<i>Requested Consumptive Water Use:</i>		354.000 mgd (daily)			
<i>Requested Withdrawal:</i>		548 cfs	354.000 mgd (daily)		<i>From:</i> Susquehanna River
<i>HUC:</i>	02050107	<i>Drainage Area:</i>	18,300 mi ²	<i>Stream Class:</i>	WWF
<i>Q7-10:</i>	781,070 gpm	<i>ADF:</i>	28,250 cfs	<i>Passby Required:</i>	No
Commission staff's recommended action: Maximum instantaneous rate of withdrawal is limited to 548 cfs; peak day is limited to the requested 354.000 mgd.					

Dillsburg Area Authority (Map ID 2)

SRBC Docket Nos. 20081206 and 20081207

<i>State:</i>	PA	<i>County:</i>	York	<i>Municipality:</i>	Franklin Township
<i>Requested Withdrawals:</i>		Well 1	67 gpm	0.022 mgd (30-day average)	
		Well 3	175 gpm	0.101 mgd (30-day average)	
Commission staff's recommended action: Waive the aquifer testing requirements. Approve withdrawals (30-day averages) at the requested historic levels of 0.022 mgd in Well 1 and 0.101 mgd in Well 3; limit maximum instantaneous pumping rates to 67 gpm and 175 gpm, respectively.					

KBK-HR Associates LLC

SRBC Docket No. 20081215

Honey Run Golf Club (Map ID 3)

<i>State:</i>	PA	<i>County:</i>	York	<i>Municipality:</i>	Dover Township
<i>Requested Consumptive Water Use:</i>		0.382 mgd (daily)			
Commission staff's recommended action: Approve consumptive water use of up to 0.382 mgd for golf course irrigation.					

KBK-HR Associates LLC

SRBC Docket No. 20081216

Honey Run Golf Club (Map ID 3)

<i>State:</i>	PA	<i>County:</i>	York	<i>Municipality:</i>	Dover Township
<i>Requested Withdrawal:</i>		265 gpm	0.382 mgd (daily)	<i>From:</i> Honey Run	
<i>HUC:</i>	02050306	<i>Drainage Area:</i>	3.6 mi ²	<i>Stream Class:</i>	TSF
<i>Q7-10:</i>	207 gpm	<i>ADF:</i>	4.5 cfs	<i>Passby Required:</i>	Yes, 20% ADF
Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 20% ADF passby flow of 0.899 cfs (404 gpm). Maximum instantaneous rate of withdrawal is limited to the requested 265 gpm; peak day is limited to the requested 0.362 mgd, when available.					

KBK-HR Associates LLC
Honey Run Golf Club (Map ID 3)

SRBC Docket No. 20081217

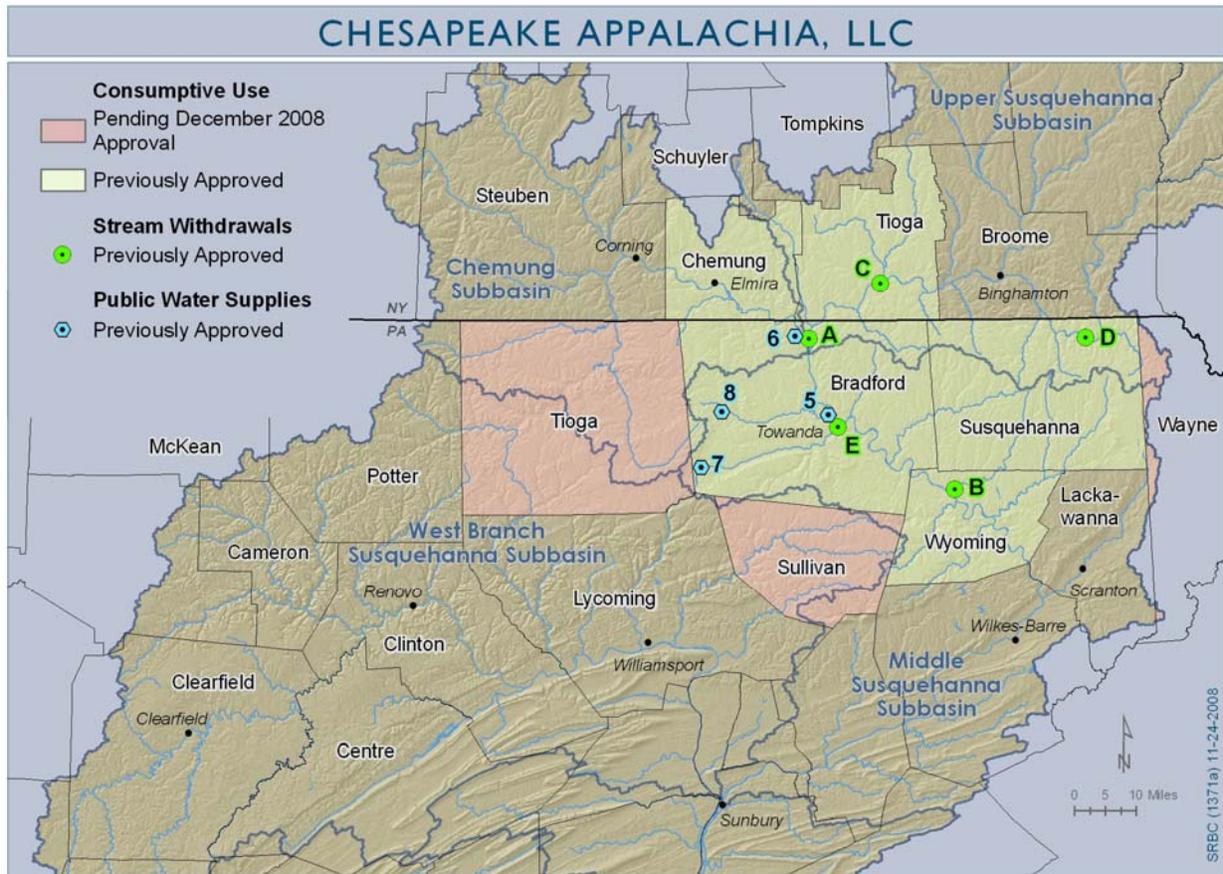
<i>State:</i>	PA	<i>County:</i>	York	<i>Municipality:</i>	Dover Township
<i>Requested Withdrawal:</i>	1,000 gpm	1.440 mgd (daily)	<i>From:</i> Little Conewago Creek		
<i>HUC:</i>	02050306	<i>Drainage Area:</i>	21.2 mi ²	<i>Stream Class:</i>	TSF
<i>Q7-10:</i>	201 gpm	<i>ADF:</i>	24.82 cfs	<i>Passby Required:</i>	Yes, requested rate is greater than 10% of the Q7-10 flow
<p>Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 20% ADF passby flow of 5.0 cfs (2,228 gpm) in Little Conewago Creek. Maximum instantaneous rate of withdrawal shall not exceed 1,000 gpm; peak day is limited to the requested 1.440 mgd.</p>					

New Oxford Foods, LLC (Map ID 4)

SRBC Docket No. 20081218

<i>State:</i>	PA	<i>County:</i>	York	<i>Municipality:</i>	Dover Township
<i>Requested Consumptive Water Use:</i>	0.380 mgd				
<i>Requested Withdrawal:</i>	64 gpm	0.035 mgd (daily)	<i>From:</i> Well 1		
<i>HUC:</i>	02050306	<i>Drainage Area:</i>	—	<i>Stream Class:</i>	—
<i>Q7-10:</i>	—	<i>ADF:</i>	—	<i>Passby Required:</i>	No
<p>Commission staff's recommended action: Waive the aquifer testing requirement. Approve the requested consumptive water use of up to 0.380 mgd and a withdrawal (30-day average) at the requested historic level of 0.035 mgd in Well 1; limit maximum instantaneous pumping rate to 64 gpm.</p>					

Natural Gas Development Project Applications

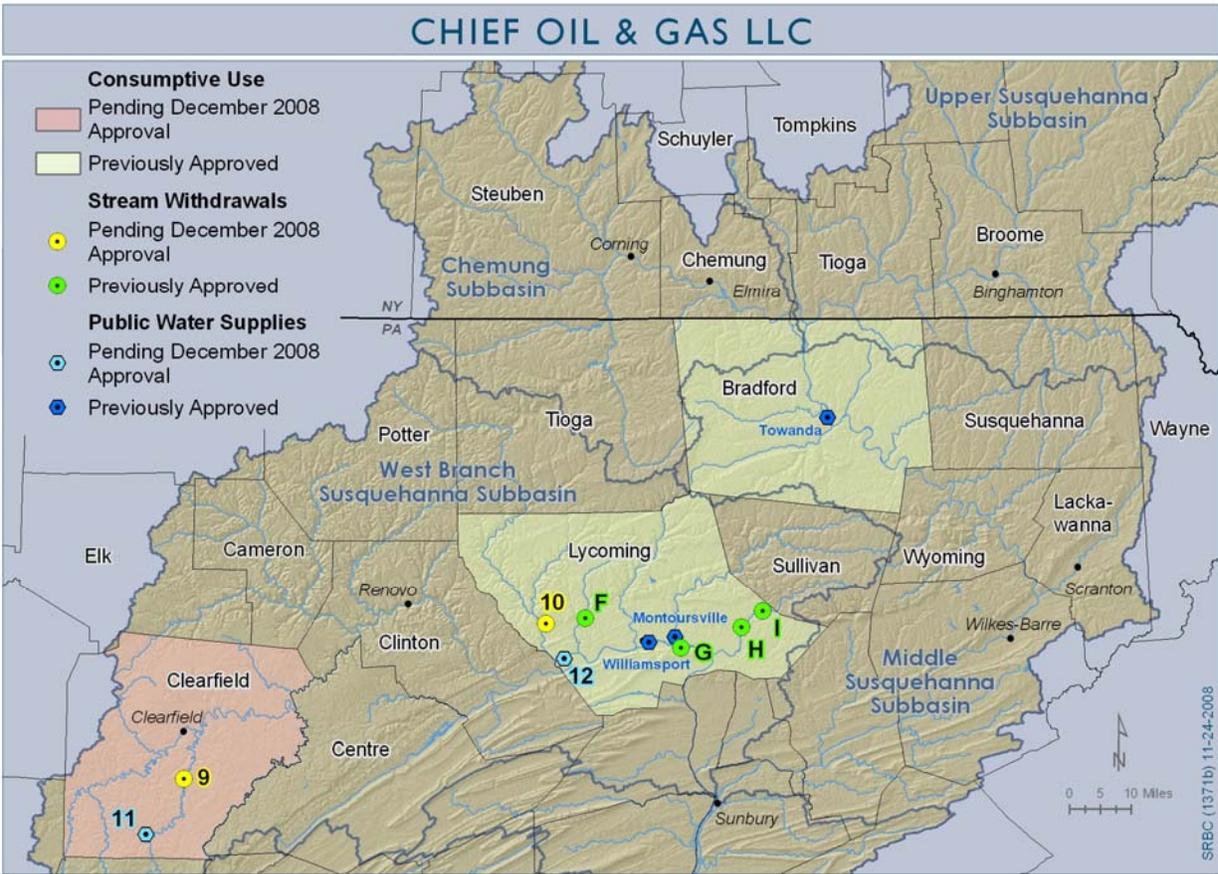


Chesapeake Appalachia, LLC

Consumptive Water Use Modification of up to 7.500 mgd SRBC Docket No. 20080902-1

For operations in Chemung and Tioga Counties, New York, and Bradford, Sullivan, Susquehanna, Tioga, Wayne, and Wyoming Counties, Pennsylvania. Withdrawals have been previously approved from the following sources:

Map ID	Source	Approved Quantity (mgd)
5	Towanda Municipal Authority	0.150*
6	Aqua Pennsylvania, Inc. – Susquehanna Division	0.300*
7	Canton Borough Authority	0.100*
8	Borough of Troy	0.100*
<i>*Quantity the public water supplier has agreed to provide.</i>		
A	Susquehanna River-1 – Docket No. 20080906	0.999
B	Susquehanna River-2 – Docket No. 20080923	0.999
C	Susquehanna River-3 – Docket No. 20080903	0.999
D	Susquehanna River-4 – Docket No. 20080907	0.999
E	Susquehanna River-5 – Docket No. 20080914	0.999



Chief Oil & Gas LLC

Consumptive Water Use of up to 5.000 mgd

SRBC Docket No. 20081201

For operations in Clearfield County, Pennsylvania; withdrawals from the following sources:

Consumptive Water Use of up to 5.000 mgd

SRBC Docket No. 20080934

For operations in Lycoming County, Pennsylvania; withdrawals from the following sources:

Consumptive Water Use of up to 5.000 mgd

SRBC Docket No. 20080911

For operations in Bradford County, Pennsylvania; withdrawals from the following sources:

Map ID	Source	Approved Quantity (mgd)
9	Clearfield Creek (Boggs Township)	2.000
10	Pine Creek	0.099
11	BCI Municipal Authority	0.050*
12	Jersey Shore Joint Water Authority	0.099*
<i>*Quantity the public water supplier has agreed to provide.</i>		

Map ID	Source	Approved Quantity (mgd)
F	Larrys Creek – Docket No. 20080936	0.086
G	Loyalsock Creek – Docket No. 20080939	0.099
H	Muncy Creek-1 – Docket No. 20080938	0.099
I	Muncy Creek-2 – Docket No. 20080935	0.099

Clearfield Creek (Map ID 9)

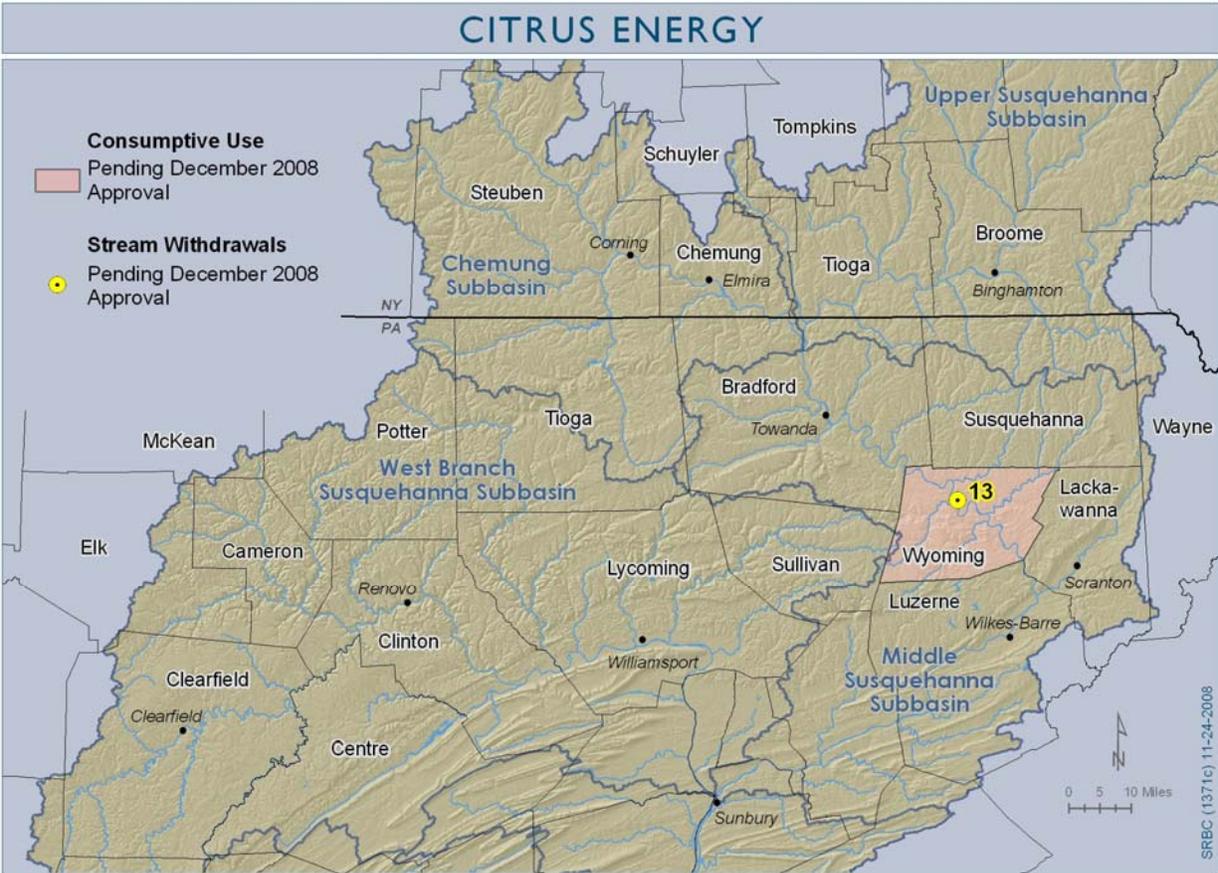
SRBC Docket No. 20081202

<i>State:</i>	PA	<i>County:</i>	Clearfield	<i>Municipality:</i>	Boggs Township
<i>Requested Withdrawal:</i>	1,388 gpm	2.000 mgd (daily)	0.240 mgd (30-day average)		
<i>HUC:</i>	0205020104	<i>Drainage Area:</i>	300 mi ²	<i>Stream Class:</i>	WWF (AMD impaired)
<i>Q7-10:</i>	9,436 gpm	<i>ADF:</i>	467 cfs	<i>Passby Required:</i>	Yes, 15% ADF
<p>Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 15% ADF passby flow of 69.99 cfs (31,416 gpm). Maximum instantaneous rate of withdrawal is limited to the requested 1,388 gpm; peak day is limited to the requested 2.000 mgd, when available.</p>					

Pine Creek (Map ID 10)

SRBC Docket No. 20081203

<i>State:</i>	PA	<i>County:</i>	Lycoming	<i>Municipality:</i>	Cummings Township
<i>Requested Withdrawal:</i>	300 gpm	0.099 mgd (daily)	0.060 mgd (30-day average)		
<i>HUC:</i>	0205020506	<i>Drainage Area:</i>	9449 mi ²	<i>Stream Class:</i>	HQ-CWF
<i>Q7-10:</i>	16,697 gpm	<i>ADF:</i>	1,390 cfs	<i>Passby Required:</i>	No, requested rate of withdrawal plus cumulative uses is 7.7% of the calculated Q7-10 flow
<p>Commission staff's recommended action: Maximum instantaneous rate of withdrawal is limited to 300 gpm; peak day is limited to the requested 0.099 mgd.</p>					



Citrus Energy

Consumptive Water Use of up to 5,000 mgd

SRBC Docket No. 20081204

For operations in Wyoming County, Pennsylvania; withdrawal from the following source:

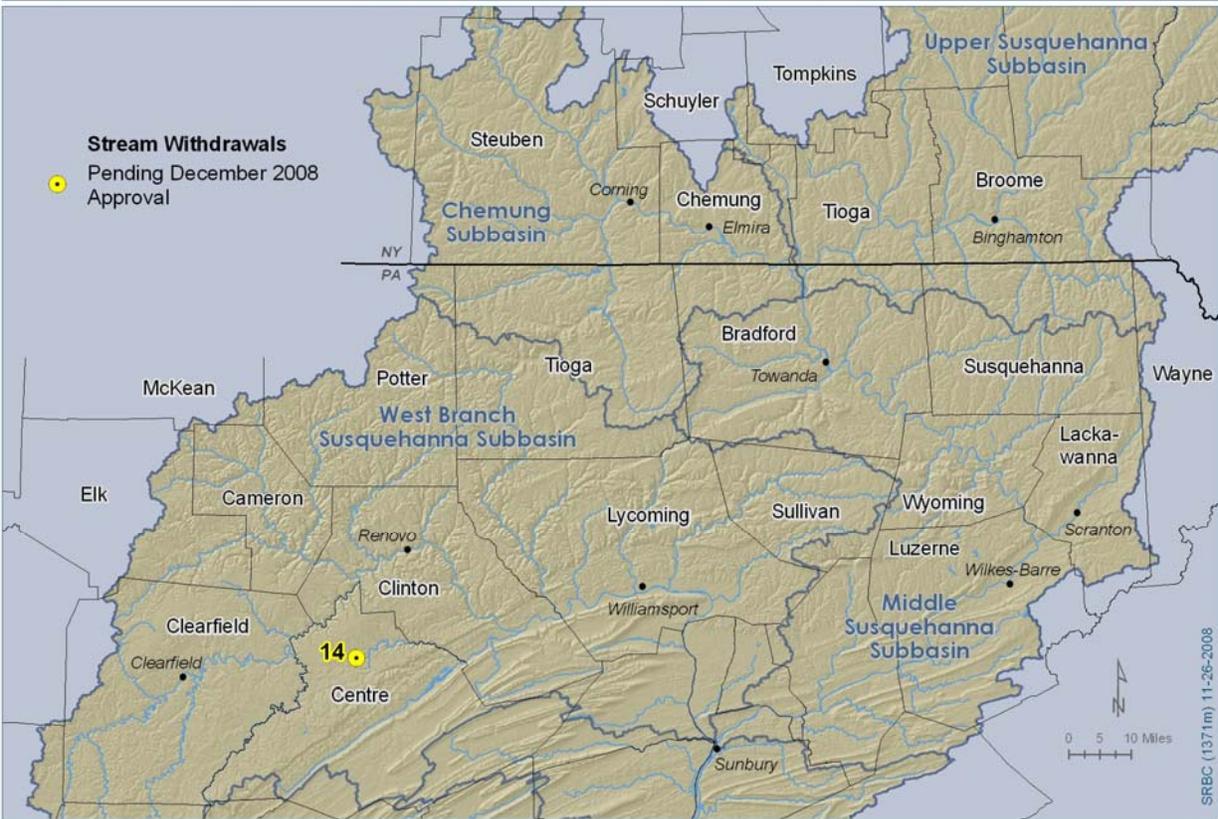
Map ID	Source	Approved Quantity (mgd)
13	North Branch Susquehanna River (Washington Township)	0.499

North Branch Susquehanna River (Map ID 13)

SRBC Docket No. 20081205

<i>State:</i>	PA	<i>County:</i>	Wyoming	<i>Municipality:</i>	Washington Township
<i>Requested Withdrawal:</i>	1,385 gpm	0.499 mgd (daily)	0.250 mgd (30-day average)		
<i>HUC:</i>	02050106	<i>Drainage Area:</i>	8,880 mi ²	<i>Stream Class:</i>	WWF
<i>Q7-10:</i>	307,149 gpm	<i>ADF:</i>	11,243 cfs	<i>Passby Required:</i>	Yes, 20% ADF
<p>Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 20% ADF passby flow of 2,248.51 cfs (1,009,332 gpm). Maximum instantaneous rate of withdrawal is limited to the requested 1,385 gpm; peak day is limited to the requested 0.499 mgd, when available.</p>					

EXCO-NORTH COAST ENERGY, INC.



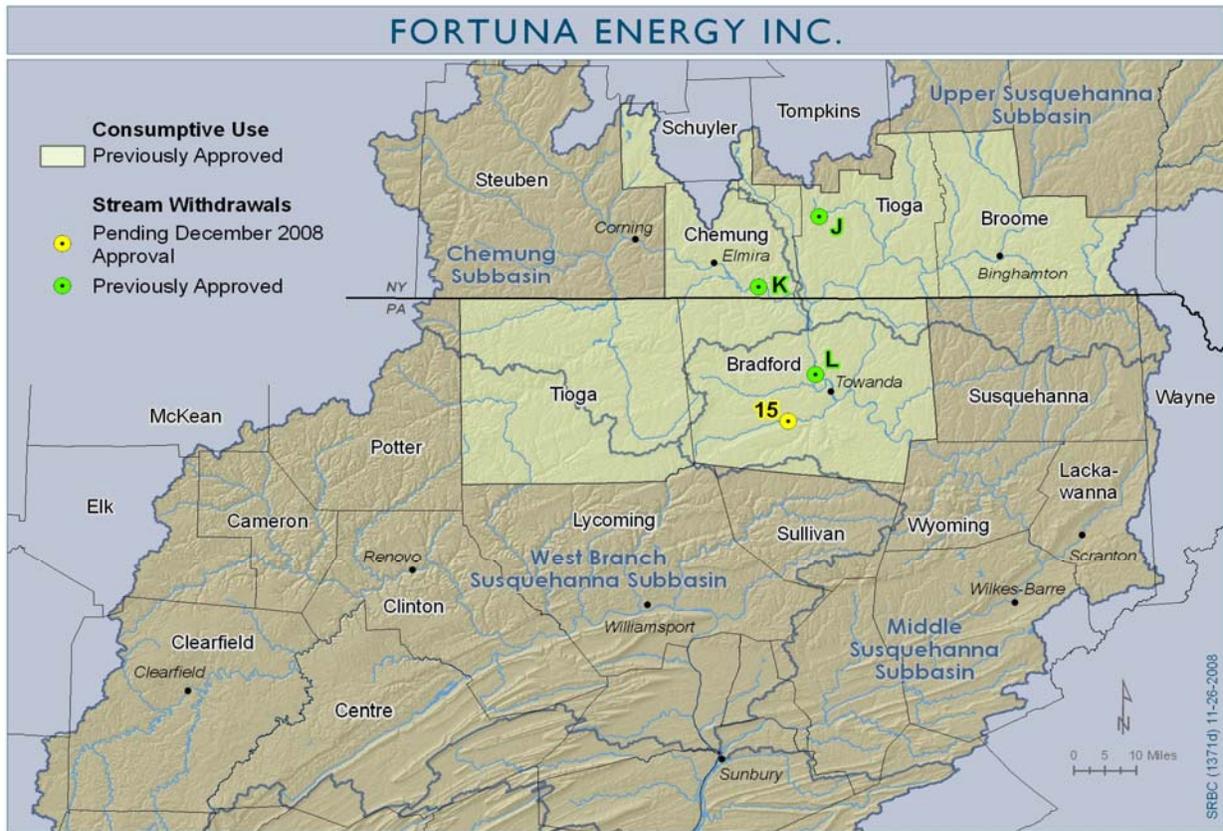
EXCO-North Coast Energy, Inc.

Unnamed Tributary to Sandy Run (Map ID 14)

SRBC Docket No. 20081209

<i>State:</i>	PA	<i>County:</i>	Centre	<i>Municipality:</i>	Burnside Township
<i>Requested Withdrawal:</i>	208 gpm		0.300 mgd (daily)		0.060 mgd (30-day average)
<i>HUC:</i>	0205020402	<i>Drainage Area:</i>	0.73 mi ²	<i>Stream Class:</i>	CWF (AMD impaired)
<i>Q7-10:</i>	6 gpm	<i>ADF:</i>	0.86 cfs	<i>Passby Required:</i>	Yes, Q7-10

Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and documented severe water quality impairment, allow a Q7-10 passby flow. Maximum instantaneous rate of withdrawal is limited to the requested 208 gpm; peak day is limited to the requested 0.300 mgd, when available.



Fortuna Energy Inc.

Consumptive Water Use of up to 3,000 mgd

SRBC Docket No. 20080601

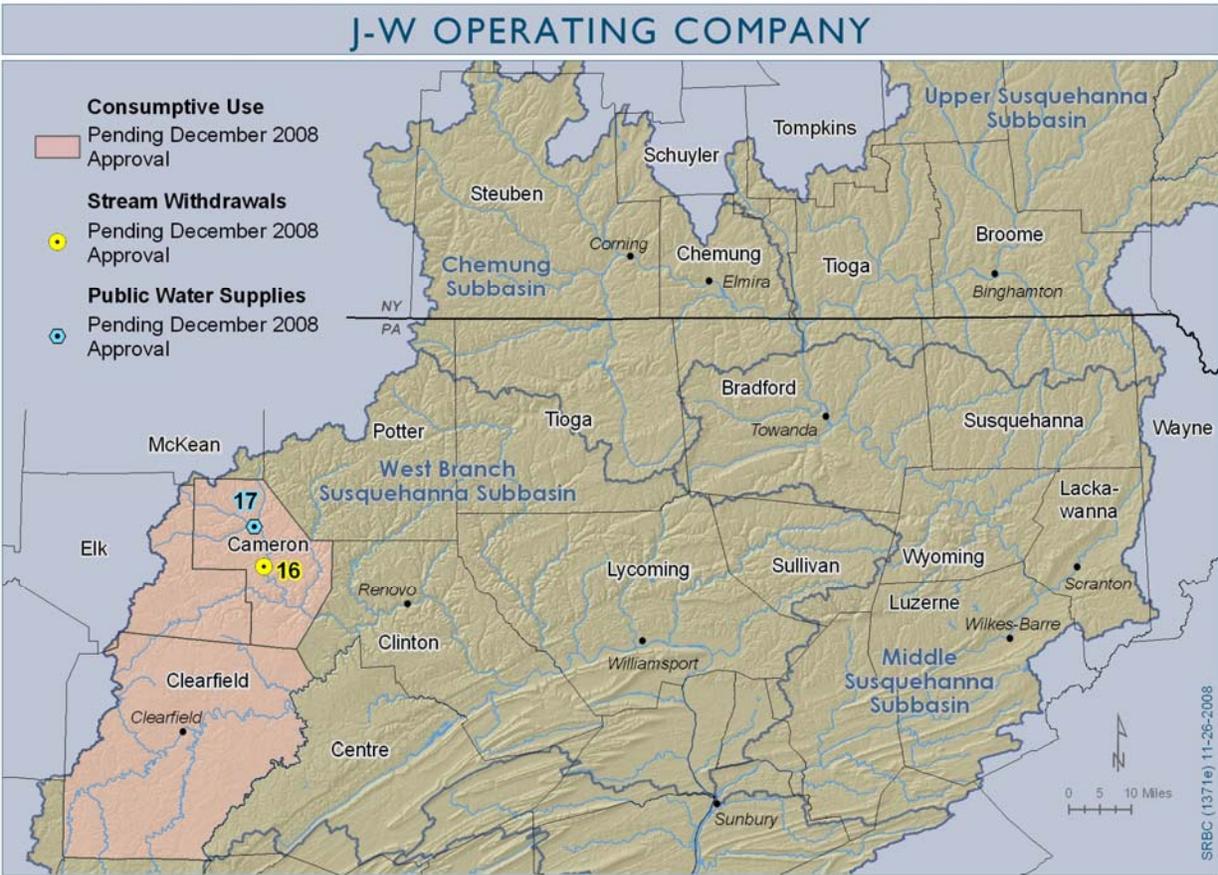
For operations in Chemung, Schuyler, Tioga, and Broome Counties, New York, and Tioga and Bradford Counties, Pennsylvania; withdrawal from the following source:

Map ID	Source	Approved Quantity (mgd)
15	Towanda Creek	0.250
J	Catatonk Creek – Docket No. 20080602	0.101
K	Chemung River at Chemung – Docket No. 20080605	0.250
L	Susquehanna River – Docket No. 20080909	0.250

Towanda Creek (Map ID 15)

SRBC Docket No. 20081210

<i>State:</i>	PA	<i>County:</i>	Bradford	<i>Municipality:</i>	Franklin Township
<i>Requested Withdrawal:</i>	174 gpm	0.250 mgd (daily)	0.250 mgd (30-day average)		
<i>HUC:</i>	0205010603	<i>Drainage Area:</i>	112.3 mi ²	<i>Stream Class:</i>	TSF
<i>Q7-10:</i>	657 gpm	<i>ADF:</i>	149.9 cfs	<i>Passby Required:</i>	Yes, 20% ADF
<p>Commission staff’s recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 20% ADF passby flow of 29.98 cfs (13,460 gpm). Maximum instantaneous rate of withdrawal is limited to the requested 174 gpm; peak day is limited to the requested 0.250 mgd, when available.</p>					



J-W Operating Company

Consumptive Water Use of up to 4.500 mgd

SRBC Docket No. 20081211

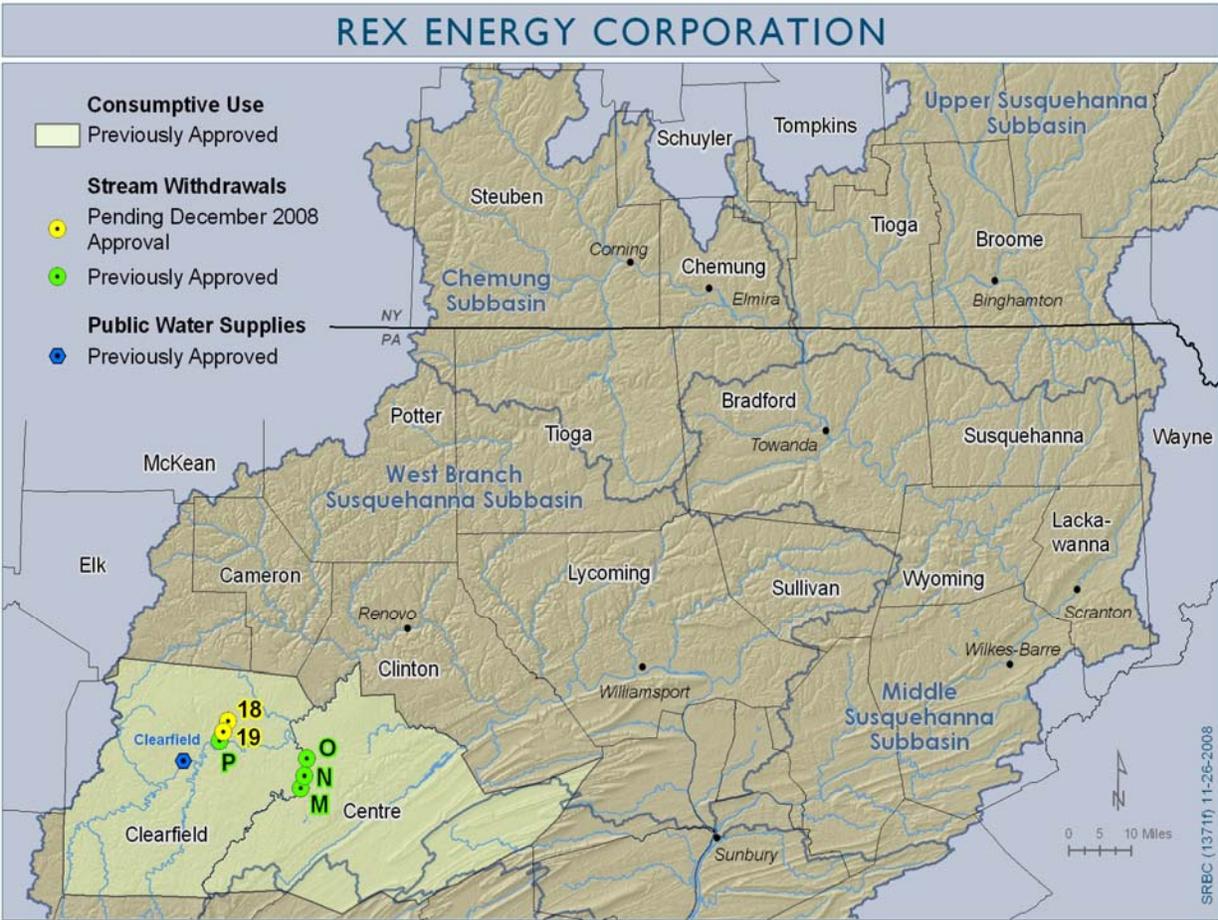
For operations in Cameron, Clearfield, and Elk Counties, Pennsylvania; withdrawals from the following sources:

Map ID	Source	Approved Quantity (mgd)
16	Driftwood Branch Sinnemahoning Creek (Lumber Township)	0.245
17	Emporium Water Company	0.200*
<i>*Quantity the public water supplier has agreed to provide.</i>		

Driftwood Branch Sinnemahoning Creek (Map ID 16)

SRBC Docket No. 20081213

<i>State:</i>	PA	<i>County:</i>	Cameron	<i>Municipality:</i>	Lumber Township
<i>Requested Withdrawal:</i>	170 gpm	0.245 mgd (daily)	0.200 mgd (30-day average)		
<i>HUC:</i>	0205020202	<i>Drainage Area:</i>	272 mi ²	<i>Stream Class:</i>	TSF
<i>Q7-10:</i>	1,840 gpm	<i>ADF:</i>	449 cfs	<i>Passby Required:</i>	Yes, 20% ADF
Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 20% ADF passby flow of 89.80 cfs (40,310 gpm). Maximum instantaneous rate of withdrawal is limited to the requested 170 gpm; peak day is limited to the requested 0.245 mgd, when available.					



Rex Energy Corporation

Consumptive Water Use of up to 5.000 mgd

SRBC Docket No. 20080941

For operations in Centre and Clearfield Counties, Pennsylvania; withdrawals from the following sources:

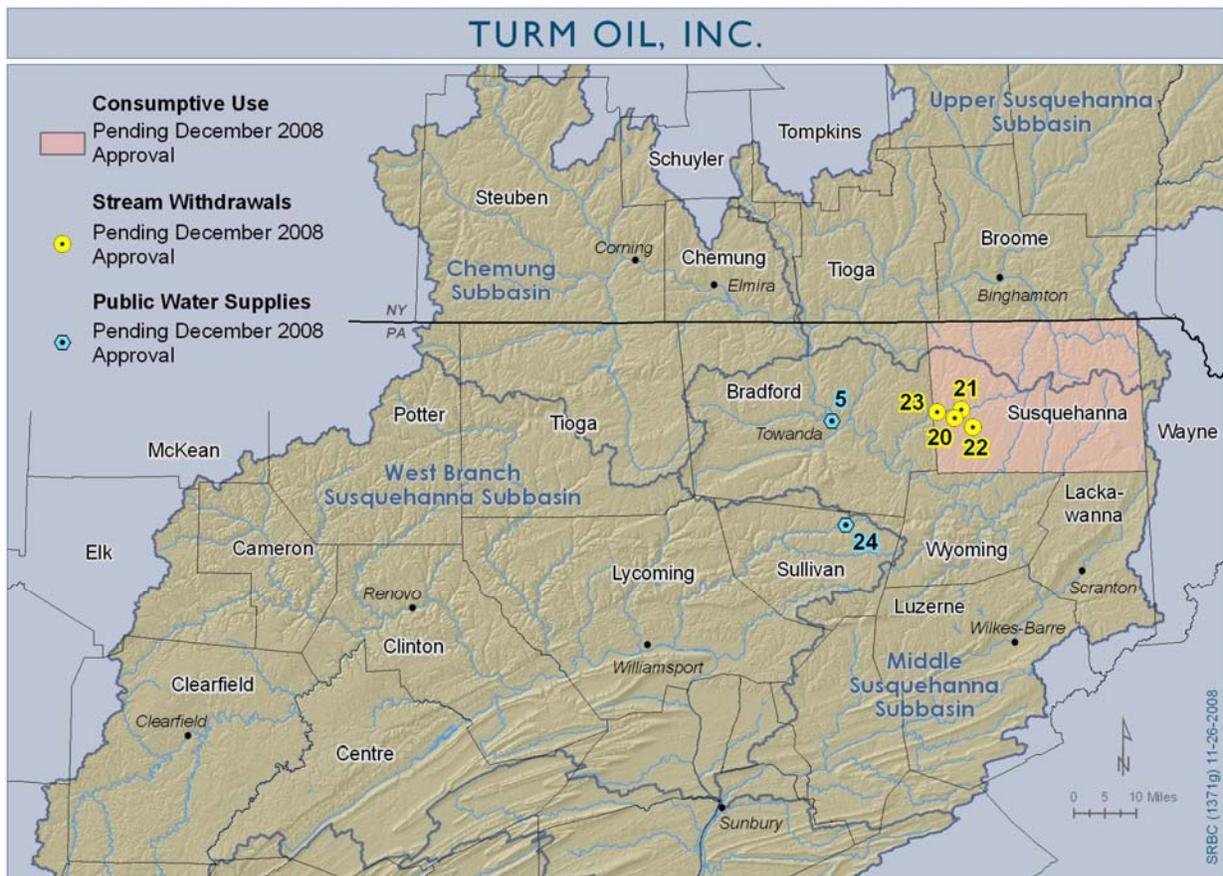
Map ID	Source	Approved Quantity (mgd)
18	Upper Little Surveyor Run (Girard Township)	0.400
19	Lower Little Surveyor Run (Girard Township)	0.400
M	Moshannon Creek-1 – Docket No. 20080948	1.440
N	Moshannon Creek-2 – Docket No. 20080947	1.584
O	Moshannon Creek-3 – Docket No. 20080946	2.000
P	West Branch Susquehanna River – Docket No. 20080944	2.160

Upper Little Surveyor Run (Map ID 18)**SRBC Docket No. 20081220**

<i>State:</i>	PA	<i>County:</i>	Clearfield	<i>Municipality:</i>	Girard Township
<i>Requested Withdrawal:</i>	556 gpm	0.400 mgd (daily)	0.200 mgd (30-day average)		
<i>HUC:</i>	0205020107	<i>Drainage Area:</i>	0.8 mi ²	<i>Stream Class:</i>	CWF (impaired)
<i>Q7-10:</i>	6 gpm	<i>ADF:</i>	1.10 cfs	<i>Passby Required:</i>	Yes, 15% ADF
Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 15% ADF passby flow of 0.165 cfs (74 gpm). Maximum instantaneous rate of withdrawal is limited to the requested 556 gpm; peak day is limited to the requested 0.400 mgd, when available.					

Lower Little Surveyor Run (Map ID 19)**SRBC Docket No. 20081221**

<i>State:</i>	PA	<i>County:</i>	Clearfield	<i>Municipality:</i>	Girard Township
<i>Requested Withdrawal:</i>	556 gpm	0.400 mgd (daily)	0.200 mgd (30-day average)		
<i>HUC:</i>	0205020107	<i>Drainage Area:</i>	1.3 mi ²	<i>Stream Class:</i>	CWF (impaired)
<i>Q7-10:</i>	10 gpm	<i>ADF:</i>	1.94 cfs	<i>Passby Required:</i>	Yes, 15% ADF
Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 15% ADF passby flow of 0.291 cfs (130 gpm). Maximum instantaneous rate of withdrawal is limited to the requested 556 gpm; peak day is limited to the requested 0.400 mgd, when available.					



Turm Oil, Inc.

Consumptive Water Use of up to 5,000 mgd

SRBC Docket No. 20081223

For operations in Susquehanna County, Pennsylvania; withdrawals from the following sources:

Map ID	Source	Approved Quantity (mgd)
20	Deer Lick Creek (Rush Township)	0.216
21	East Branch Wyalusing Creek (Rush Township)	0.216
22	Elk Lake Stream (Rush Township)	0.216
23	Main Branch Wyalusing Creek (Rush Township)	0.216
5	Towanda Municipal Authority	0.150*
24	Dushore Water Authority	0.095*
<i>*Quantity the public water supplier has agreed to provide.</i>		

Deer Lick Creek (Map ID 20)

SRBC Docket No. 20081224

<i>State:</i>	PA	<i>County:</i>	Susquehanna	<i>Municipality:</i>	Rush Township
<i>Requested Withdrawal:</i>	173 gpm	0.249 mgd (daily)	0.249 mgd (30-day average)		
<i>HUC:</i>	0205010606	<i>Drainage Area:</i>	5.4 mi ²	<i>Stream Class:</i>	CWF
<i>Q7-10:</i>	45 gpm	<i>ADF:</i>	6.55 cfs	<i>Passby Required:</i>	Yes, 20% ADF
<p>Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 20% ADF passby flow of 1.31 cfs (588 gpm). Maximum instantaneous rate of withdrawal is further limited to 150 gpm; peak day is limited to 0.216 mgd, when available, the quantity that can be withdrawn at the recommended rate. These conditions will allow the operation of the withdrawal on Wyalusing Creek without passby requirements.</p>					

East Branch Wyalusing Creek (Map ID 21)

SRBC Docket No. 20081225

<i>State:</i>	PA	<i>County:</i>	Susquehanna	<i>Municipality:</i>	Rush Township
<i>Requested Withdrawal:</i>	173 gpm	0.249 mgd (daily)	0.249 mgd (30-day average)		
<i>HUC:</i>	0205010606	<i>Drainage Area:</i>	44.8 mi ²	<i>Stream Class:</i>	CWF
<i>Q7-10:</i>	377 gpm	<i>ADF:</i>	64.20 cfs	<i>Passby Required:</i>	Yes, 20% ADF
<p>Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 20% ADF passby flow of 12.84 cfs (5,763 gpm). Maximum instantaneous rate of withdrawal is further limited to 150 gpm; peak day is limited to 0.216 mgd, when available, the quantity that can be withdrawn at the recommended rate. These conditions will allow the operation of the withdrawal on Wyalusing Creek without passby requirements.</p>					

Elk Lake Stream (Map ID 22)

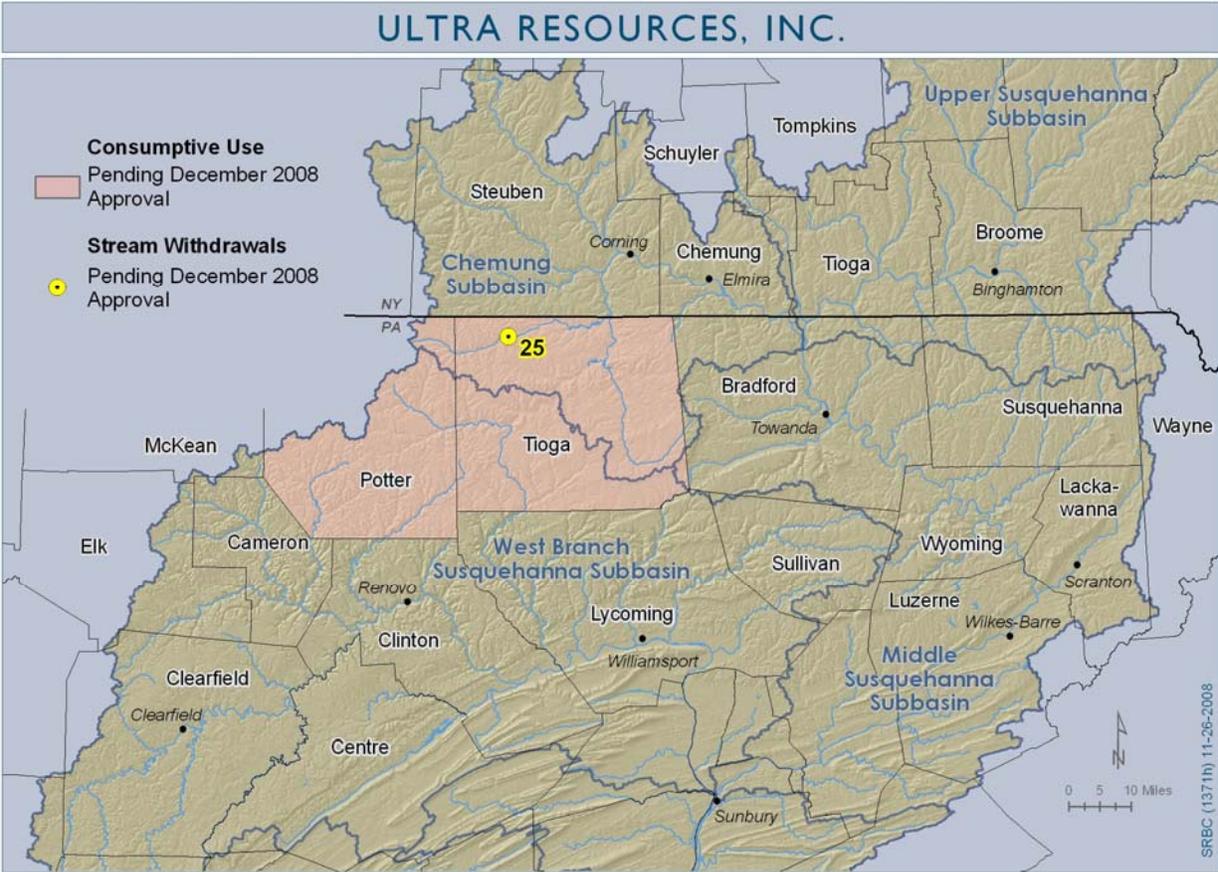
SRBC Docket No. 20081226

<i>State:</i>	PA	<i>County:</i>	Susquehanna	<i>Municipality:</i>	Rush Township
<i>Requested Withdrawal:</i>	173 gpm	0.249 mgd (daily)	0.249 mgd (30-day average)		
<i>HUC:</i>	0205010606	<i>Drainage Area:</i>	8.9 mi ²	<i>Stream Class:</i>	CWF (impaired)
<i>Q7-10:</i>	75 gpm	<i>ADF:</i>	11.9 cfs	<i>Passby Required:</i>	Yes, 20% ADF
<p>Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 20% ADF passby flow of 2.38 cfs (1,068 gpm). Maximum instantaneous rate of withdrawal is further limited to 150 gpm; peak day is limited to 0.216 mgd, when available, the quantity that can be withdrawn at the recommended rate. These conditions will allow the operation of the withdrawal on Wyalusing Creek without passby requirements.</p>					

Main Branch Wyalusing Creek (Map ID 23)

SRBC Docket No. 20081227

<i>State:</i>	PA	<i>County:</i>	Susquehanna	<i>Municipality:</i>	Rush Township
<i>Requested Withdrawal:</i>	173 gpm	0.249 mgd (daily)	0.249 mgd (30-day average)		
<i>HUC:</i>	02050010607	<i>Drainage Area:</i>	150 mi ²	<i>Stream Class:</i>	WWF
<i>Q7-10:</i>	3,041 gpm	<i>ADF:</i>	211 cfs	<i>Passby Required:</i>	No, not at recommended rate
<p>Commission staff's recommended action: Considering percent of Q7-10 flow and upstream cumulative uses, reduce maximum instantaneous rate of withdrawal from 173 gpm to 150 gpm. Peak day is limited to 0.216 mgd, the quantity that can be withdrawn at the recommended rate. In addition, only one of the three headwater withdrawal sources should be operated on any one day. These conditions will allow the operation of this withdrawal on Wyalusing Creek without passby requirements.</p>					



Ultra Resources, Inc.

Consumptive Water Use of up to 4.990 mgd

SRBC Docket No. 20081228

For operations in Tioga and Potter Counties, Pennsylvania; withdrawal from the following source:

Map ID	Source	Approved Quantity (mgd)
25	Cowanesque River (Deerfield Township)	0.217

Cowanesque River (Map ID 25)

SRBC Docket No. 20081229

<i>State:</i>	PA	<i>County:</i>	Tioga	<i>Municipality:</i>	Deerfield Township
<i>Requested Withdrawal:</i>	151 gpm	0.217 mgd (daily)	0.217 mgd (30-day average)		
<i>HUC:</i>	02050010408	<i>Drainage Area:</i>	150 mi ²	<i>Stream Class:</i>	WWF
<i>Q7-10:</i>	1,189 gpm	<i>ADF:</i>	225.17 cfs	<i>Passby Required:</i>	Yes, 20% ADF
Commission staff's recommended action: Considering SRBC Policy No. 2003-01 and the aquatic resources survey, allow a 20% ADF passby flow of 45.03 cfs (20,214 gpm). Maximum instantaneous rate of withdrawal is limited to the requested 151 gpm; peak day is limited to the requested 0.217 mgd, when available.					



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12/10/08