

Appendix K

7Q10 (Low Flow) Analysis

Appendix K: 7Q10 Analysis

FACILITY NAME	COUNTY	DAILY MAXIMUM POTENTIAL TO WITHDRAW	7Q10	7Q10 IN GALLONS PER DAY	7Q10 MINUS DAILY MAXIMUM POTENTIAL TO WITHDRAW	COMMENT	AVERAGE DAILY REPORTED FLOW FROM SURVEY	7Q10 MINUS AVERAGE DAILY FLOW	SOURCE	DECIMAL LATITUDE	DECIMAL LONGITUDE
AGGREGATES QUARRY	RANDOLPH	80,809	2.2870	1,478,024	1,397,215				TYGART RIVER	38.92666667	-79.90861111
ALBRIGHT POWER STATION	PRESTON	248,300,000	22.5000	14,541,120	-233,758,880		1,813	14,539,307	CHEAT RIVER	39.48944444	-79.63611111
ALDERSON WATER TREATMENT PLANT	GREENBRIER	900000	12.0630	7,795,979	6,895,979				GREENBRIER RIVER AT ALDERSON WV		
ALEX ENERGY SURFACE MINES	NICHOLAS	410,400	0.0030	1,939	-408,461	Incorrect lat. and long.?			TWENTY MILE CREEK	38.30027778	-81.02027778
ALEX ENERGY SURFACE MINES	NICHOLAS	410,400	0.0050	3,231	-407,169		42,815	-39,584	ROBINSON FORK OF TWENTY MILE CREEK	38.32166667	-80.98194444
AMERICAN FIBER RESOURCES	MARION	8,640,000	340.0000	219,732,480	211,092,480				MONONGAHELA RIVER	39.52472222	-80.12777778
ARGUS ENERGY, KIAH CREEK OPERATION	WAYNE	396,000	0.1920	124,084	-271,916		69,523	54,561	EAST FORK TWELVEPOLE CREEK	38.02777778	-82.29055556
ARMSTRONG PSD	FAYETTE	216,632	1,890.0000	1,221,454,080	1,221,237,448				KANAWHA RIVER		
BANDMILL PREPARATION PLANT	LOGAN	63,000	0.1600	103,404	40,404				RUM CREEK	37.81138889	-81.87111111
BAYER CROPS SCIENCE LP, INSTITUTE PLANT	KANAWHA	411,120,000	1,980.0000	1,279,618,560	868,498,560				KANAWHA RIVER	38.38	-81.78
BAYER CROPS SCIENCE LP, INSTITUTE PLANT	KANAWHA	411,120,000	1,980.0000	1,279,618,560	868,498,560				KANAWHA RIVER	38.37833333	-81.77972222
BAYER MATERIALS SCIENCE LLC	MARSHALL	8,496,000	5,800.0000	3,748,377,600	3,739,881,600				OHIO RIVER	39.72361111	-80.83166667
BELINGTON WATER TREATMENT PLANT	BARBOUR	0	7.5240	4,862,551	4,862,551				TYGART RIVER	39.01972222	-79.94027778
BERKELEY COUNTY PSD/OPEQUON	BERKELEY	2,032,336	1,597.2720	1,032,272,170	1,030,239,834				POTOMAC RIVER		
BEVERLY WATER PLANT	RANDOLPH	660000	1.3770	889,917	229,917				TYGART VALLEY RIVER		
BIG BEND PSD	SUMMERS	330000	13.9160	8,993,521	8,663,521				GREENBRIER RIVER		
BLACKSVILLE # 2	MONONGALIA	1,584,000	25.6400	16,570,414	14,986,414				WEST FORK OF DUNKARD CREEK	39.71361111	-80.28833333
BOONE RALEIGH PSD	BOONE	147,071	1.4420	931,924	784,853				BIG COAL RIVER		
BURNSVILLE PUBLIC UTILITY	BRAXTON	367200	20.0000	12,925,440	12,558,240				LITTLE KANAWHA		
CAMPBELLS CREEK COMPLEX	KANAWHA	367,000	0.0010	646	-366,354		295,273	-294,627	POINT LICK FORK OF CAMPBELLS CREEK	38.31111111	-81.46638889
CANAAN VALLEY STATE PARK	TUCKER	280000	0.0010	646	-279,354	Incorrect lat. and long.?			BLACKWATER RIVER	39.65444444	-79.76666667
CEDAR GROVE WATER WORKS	KANAWHA	960000	0.0050	3,231	-956,769	Incorrect lat. and long.?			KANAWHA RIVER		
CEREDO DOCK	WAYNE	1,728,000	8,600.0000	5,557,939,200	5,556,211,200				OHIO RIVER	38.39777778	-82.54916667
CEREDO DOCK	WAYNE	1,728,000	5.0000	3,231,360	1,503,360				TWELVE POLE CREEK	38.39722222	-82.54111111
CHAPMANVILLE WATER	LOGAN	720000	45.0000	29,082,240	28,362,240				GYANDOTTE		
CHARLES TOWN WATER TREATMENT PLANT	JEFFERSON	2800000	1,881.4030	1,215,898,080	1,213,098,080				SHENANDOAH RIVER		
CHESTER CITY OF	HANCOCK	320,212	5,800.0000	3,748,377,600	3,748,057,388				OHIO RIVER		
CITY OF BUCKHANNON WATER PLANT	UPSHUR	5760000	5.8820	3,801,372	-1,958,628		2,140,967	1,660,405	BUCKHANNON		
CITY OF FAIRMONT FILTRATION PLANT	MARION	10000000	100.0000	64,627,200	54,627,200				TYGART RIVER		
CITY OF LEWISBURG WATER PLANT	GREENBRIER	1500000	23.0970	14,926,944	13,426,944				GREENBRIER RIVER		
CITY OF LEWISBURG WATER PLANT	GREENBRIER	1500000	23.0970	14,926,944	13,426,944				GREENBRIER RIVER		
CITY OF PARSONS	TUCKER	720000	10.6120	6,858,238	6,138,238				SHAVERS FORK		
CITY OF ROMNEY	HAMPSHIRE	150000	102.2470	66,079,373	65,929,373				SOUTH BRANCH OF THE POTOMAC RIVER		
CLARKSBURG WATER BOARD	HARRISON	12000000	15.0000	9,694,080	-2,305,920		7,090,817	2,603,263	WEST FORK RIVER		

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CLAY WATER DEPT	CLAY	276,508	75.0000	48,470,400	48,193,892				ELK RIVER		
CLAY-ROANE PSD (PROCIOS DISTRICT)	CLAY	78,273	75.0000	48,470,400	48,392,127				ELK RIVER		
CLAYWOOD PARK PUBLIC SERVICE DISTRICT	WOOD	1700000	20.0000	12,925,440	11,225,440				LITTLE KANAWHA RIVER		
CLEARON CORPORATION	MARION	1,584,000	1,980.0000	1,279,618,560	1,278,034,560				KANAWHA RIVER	38.36833333	-81.70777778
CLENDENIN WATER WORKS	KANAWHA	662400	75.0000	48,470,400	47,808,000				ELK RIVER		
COAL RIVER PROCESSING, LLC	BOONE	672,000	0.0100	6,463	-665,537	Incorrect lat. and long.?			FORK CREEK	38.17333333	-81.77388889
COAL-MAC, INC.	MINGO	172,267	4.8000	3,102,106	2,929,839				RIGHT FORK OF PINE CREEK	37.75555556	-81.99166667
COWEN PSD	WEBSTER	273,414	0.9890	639,163	365,749				GAULEY RIVER		
CRAIGSVILLE PUBLIC SERVICE DISTRICT	NICHOLAS	864000	4.1380	2,674,274	1,810,274				GAULEY RIVER		
CREO MANUFACTURING LLC	JEFFERSON	650,000	0.8290	535,759	-114,241		199,650	336,109	TURKEY RUN CREEK	39.30111111	-77.99305556
DEEP WATER PSD	FAYETTE	0	1,890.0000	1,221,454,080	1,221,454,080				KANAWHA RIVER		
DELBARTON MINING COMPANY	MINGO	751,562	0.2900	187,419	-564,143				PIGEON CREEK	37.74444444	-82.20805556
DENMAR CORRECTIONAL CENTER	POCAHONTAS	65,000	11.9220	7,704,855	7,639,855				GREENBRIER RIVER	38.095	-80.22277778
DUPONT BELLE PLANT	KANAWHA	139,680,000	1,890.0000	1,221,454,080	1,081,774,080				KANAWHA RIVER	38.24527778	-81.55583333
DUPONT BELLE PLANT	KANAWHA	139,680,000	1,890.0000	1,221,454,080	1,081,774,080				KANAWHA RIVER	38.24138889	-81.55027778
DUPONT WASHINGTON WORKS	WOOD	107,191,200	6,800.0000	4,394,649,600	4,287,458,400				OHIO RIVER	39.2725	-81.66833333
EAST GULF PREPARATION PLANT	RALEIGH	600,000	1.2110	782,635	182,635				STONECOAL CREEK	37.62555556	-81.28472222
EAST GULF PREPARATION PLANT	RALEIGH	600,000	0.0000	0	-600,000	Incorrect lat. and long.?			BIG SANDY RIVER	38.92055556	-80.16944444
EDGEWOOD COUNTRY CLUB - GOLF FACILITY	KANAWHA	400,000	0.2840	183,541	-216,459		9,178	174,363	POCATALICO RIVER	38.5	-81.68333333
ELEKM METALS ALLOY L.P.	FAYETTE	26,000,000	0.7940	513,140	-25,486,860	Incorrect lat. and long.?			KANAWHA RIVER	38.04444444	-81.28055556
ELEKM METALS ALLOY L.P.	FAYETTE	26,000,000	610.0000	394,225,920	368,225,920				NEW RIVER	38.14777778	-81.17527778
ELK RUN COAL COMPANY, INC.	RALEIGH	600,000	1.5760	1,018,525	418,525				COAL RIVER	38.01583333	-81.56555556
ELK RUN COAL COMPANY, INC.	RALEIGH	600,000	1.5900	1,027,572	427,572				COAL RIVER	38.01638889	-81.56833333
ELK RUN COAL COMPANY, INC.	RALEIGH	600,000	1.5910	1,028,219	428,219				COAL RIVER	38.01611111	-81.56666667
ELKINS WATER WORKS	RANDOLPH	5700000	1.7580	1,136,146	-4,563,854		2,695,084	-1,558,938	TYGART RIVER		
ENDURANCE COAL COMPANY, INC.	BOONE	220,000	0.0200	12,925	-207,075		212	12,713	SPRUCE LAUREL CREEK	37.91777778	-81.7475
ERBACON PLANT	WEBSTER	720,000	0.0020	1,293	-718,707		695,691	-694,398	MISSOURI RUN	38.51638889	-80.61055556
ERBACON PLANT	WEBSTER	720,000	0.1410	91,124	-628,876		695,691	-604,567	LAUREL FORK	38.51888889	-80.58861111
ERGON WEST VIRGINIA, INC.	HANCOCK	2,880,000	5,800.0000	3,748,377,600	3,745,497,600				OHIO RIVER	40.61222222	-80.63555556
FAYETTEVILLE MUNICIPAL WATER WORKS	FAYETTE	1080000	0.0300	19,388	-1,060,612	Incorrect lat. and long.?			WOLF CREEK		
FAYETTEVILLE MUNICIPAL WATER WORKS	FAYETTE	1080000	0.0080	5,170	-1,074,830	Incorrect lat. and long.?			WOLF CREEK		
FLAGGY MEADOWS AMD PLANT	MONONGALIA	720,000	0.0100	6,463	-713,537		150,067	-143,604	LITTLE INDIAN CREEK	39.60361111	-80.06916667
FLATWOODS CANOE RUN PSD	BRAXTON	457,204	75.0000	48,470,400	48,013,196				ELK RIVER		
FMC CORPORATION STEAM PLANT	KANAWHA	3,640,000	1,980.0000	1,279,618,560	1,275,978,560				KANAWHA RIVER	38.37083333	-81.69277778

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FOLLANSBEE HOOVERSON HEIGHTS WATER TREATMNT PLANT	BROOKE	1250000	5,800.0000	3,748,377,600	3,747,127,600				OHIO RIVER		
FOLLANSBEE COKE PLANT	BROOKE	25,056,000	5,800.0000	3,748,377,600	3,723,321,600				OHIO RIVER	40.34527778	-80.60833333
FORT ASHBY PUBLIC SERVICE DISTRICT	MINERAL	1000000	4.2640	2,755,704	1,755,704				FORT ASHBY PUBLIC SERVICE DISTRICT		
FORT MARTIN POWER STATION	MONONGALIA	28,800,000	340.0000	219,732,480	190,932,480				MONONGAHELA RIVER	39.71	-79.92694444
GILBERT WATER WORKS	MINGO	56,441	45.0000	29,082,240	29,025,799				GUYANDOTTE RIVER		
GILBERT WATER WORKS	MINGO	56,441	45.0000	29,082,240	29,025,799				GUYANDOTTE RIVER		
GLENVILLE WATER PLANT	GILMER	1872000	20.0000	12,925,440	11,053,440				LITTLE KANAWHA RIVER		
GOALS COAL COMPANY, INC.	RALEIGH	2,128,896	0.7380	476,949	-1,651,947		1,743,528	-1,266,579	MARSHFORK RIVER	37.87861111	-81.525
GRASSY CREEK #1 DEEP MINE	NICHOLAS	60,000	0.2010	129,901	69,901				GRASSY CREEK	38.17	-80.69972222
GREENVILLE WTP	LOGAN	1000000	45.0000	29,082,240	28,082,240				GUYANDOTTE RIVER		
GUYAN SURFACE MINE	LOGAN	473,571	0.0340	21,973	-451,598		72,243	-50,270	AVIS FORK OF BRUSHY FORK	37.80805556	-81.78388889
HALLTOWN PAPERBOARD COMPANY	JEFFERSON	302,400	0.4670	301,809	-591		1,973	299,836	FLOWING SPRINGS RUN	39.31416667	-77.79833333
HAMMOND PUBLIC SERVICE DISTRICT	BROOKE	634000	4.4330	2,864,924	2,230,924				BUFFALO CREEK		
HAMRICK P. S. D.	TUCKER	288000	19.4180	12,549,310	12,261,310				DRY FORK RIVER		
HARPERS FERRY WATER	JEFFERSON	500000	0.4310	278,543	-221,457	Incorrect lat. and long.?			ELK RUN		
HARRISON POWER STATION	HARRISON	43,206,285	15.0000	9,694,080	-33,512,205		288,263	9,405,817	WEST FORK RIVER	39.38722222	-80.33194444
HOBET 21 MINE	BOONE	3,984,480	0.0010	646	-3,983,834		127,181	-126,535	CONNELY BRANCH (MUD RIVER)	38.08833333	-81.96833333
HOBET 21 MINE	BOONE	3,984,480	2.0330	1,313,871	-2,670,609		127,181	1,186,690	LITTLE COAL RIVER	38.1125	-81.84777778
HUNTINGTON ALLOYS CORPORATION	CABELL	1,000,000	45.0000	29,082,240	28,082,240				GUYANDOTTE RIVER, LOWER	38.4125	-82.38416667
HUTTONSVILLE MEDIUM SECURITY PRISON	RANDOLPH	171,279	15.5420	10,044,359	9,873,081				TYGART VALLEY RIVER	38.69166667	-79.985
ISG WEIRTON		707,293	5,800.0000	3,748,377,600	3,747,670,307				OHIO RIVER	40.42138889	-80.60444444
ISG WEIRTON		707,293	5,800.0000	3,748,377,600	3,747,670,307				OHIO RIVER	40.42277778	-80.60555556
JANE LEW PUBLIC SERVICE DISTRICT	LEWIS	266400	0.4150	268,203	1,803				HACKERS CREEK		
JASPER WORKMAN	BOONE	64,000	0.8390	542,222	478,222				CALVIN BR. OF RUM CREEK	37.86472222	-81.63722222
JOHN E AMOS PLANT	PUTNAM	43,170,000	1,980.0000	1,279,618,560	1,236,448,560				KANAWHA RIVER	38.47555556	-81.82
KAMMER PLANT	MARSHALL	655,634,000	5,800.0000	3,748,377,600	3,092,743,600				OHIO RIVER	39.84527778	-80.82083333
KANAWHA FALLS P.S.D.	FAYETTE	1346333	1,890.0000	1,221,454,080	1,220,107,747				KANAWHA RIVER		
KANAWHA RIVER PLANT	KANAWHA	423,650,000	1,890.0000	1,221,454,080	797,804,080				KANAWHA RIVER	38.20555556	-81.42444444
KENOVA MUNICIPAL WATER	WAYNE	2,265,488	0.1100	71,090	-2,194,398				BIG SANDY RIVER		
KEPLAR POCAHONTAS NO. 51 PREPARATION PLANT	WYOMING	743,040	4.9240	3,182,243	2,439,203				UPPER GUYANDOTTE	37.57833333	-81.57111111
KERMIT WATER WORKS	MINGO	331,426	2.3410	1,512,923	1,181,497				TUG FORK RIVER		
KEYSER CITY OF	MINERAL	1,045,715	0.6640	429,125	-616,590				NEW CREEK		
KEYSTONE #2 PREPARATION PLANT	WYOMING	192,000	1.1390	736,104	544,104				CREEK PUMP	37.51916667	-81.36472222
KEYSTONE NO. 1 PREPARATION PLANT	MCDOWELL	432,000	4.6300	2,992,239	2,560,239				ELKHORN CREEK	37.41611111	-81.44861111
KINGSFORD MANUFACTURING COMPANY	TUCKER	436,000	10.5000	6,785,856	6,349,856				SHAVERS FORK	39.0775	-79.69361111
KINGSTON RESOURCES, INC.	FAYETTE	1,155,840	0.0380	24,558	-1,131,282		634,242	-609,684	MILBOURN CREEK	37.96916667	-81.30888889
KINGWOOD WATER WORKS	PRESTON	1432800	29.7490	19,225,946	17,793,146				CHEAT RIVER		

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KOPPERS INC.	BROOKE	720,000	5,800.0000	3,748,377,600	3,747,657,600				OHIO RIVER	40.33694444	-80.60777778
LIBERTY PROCESSING	BOONE	446,400	0.0270	17,449	-428,951		59,163	-41,714	ROBINSON CREEKJ OF POND FORK	38.01638889	-81.755
LINCOLN PSD	LINCOLN	327,589	6.6620	4,305,464	3,977,875				COAL RIVER		
LITWAR PROCESSING COMPANY, INC.	MCDOWELL	432,000	3.6530	2,360,832	1,928,832				TUG FORK	37.48583333	-81.84444444
LOVERIDGE	MARION	1,584,000	0.0450	29,082	-1,554,918		28,583	499	PAW PAW CREEK	39.60305556	-80.26527778
LUMBERPORT WATER		170000	0.3040	196,467	26,467				JONES RUN CREEK		
MAMMOTH #2 GAS MINE	KANAWHA	5,000	0.0340	21,973	16,973				LEFT FORK KELLYS CREEK	38.26666667	-81.3725
MAMMOTH COAL PROCESSING	KANAWHA	4,896,000	1,890.0000	1,221,454,080	1,216,558,080				KANAWHA RIVER	38.18305556	-81.33638889
MANHEIM MINE	PRESTON	52,500	7.9320	5,126,230	5,073,730				CHEAT RIVER	39.36361111	-79.69388889
MARFORK COAL COMPANY, INC.	BOONE	4,220,000	0.9740	629,469	-3,590,531		104,987	524,482	MARSHFORK RIVER	37.95777778	-81.53666667
MARMET SYNFUEL	KANAWHA	325,000	1,890.0000	1,221,454,080	1,221,129,080				LENS CREEK	38.23888889	-81.55444444
MARMET SYNFUEL	KANAWHA	325,000	0.0170	10,987	-314,013	Near Mouth of Kanawha River, so flow is actually that of the River.		10,987	LENS CREEK	38.23888889	-81.55805556
MARMET SYNFUEL	KANAWHA	325,000	1,890.0000	1,221,454,080	1,221,129,080				KANAWHA RIVER	38.23694444	-81.555
MARMET SYNFUEL	KANAWHA	325,000	1,890.0000	1,221,454,080	1,221,129,080				KANAWHA RIVER	38.23611111	-81.55361111
MASONTOWN WATER WORKS	PRESTON	100000	0.3330	215,209	115,209				BACK RUN		
MATE CREEK LOADOUT	MINGO	288,000	0.0270	17,449	-270,551		33,753	-16,304	MATE CREEK	37.63833333	-82.1025
MATEWAN WATER	MINGO	500000	6.8170	4,405,636	3,905,636				TUG RIVER		
MCELROY PREP PLANT	MARSHALL	2,304,000	0.6530	422,016	-1,881,984		1,048,910	-626,894	FISH CREEK	39.82055556	-80.79666667
MIDDLEBOURNE MUNICIPAL WATER WORKS	TYLER	316800	0.9840	635,932	319,132				MIDDLE ISLAND CREEK		
MILTON MUNICIPAL UTILITY COMMISSION	CABELL	776000	0.3040	196,467	-579,533		580,950	-384,483	MUD RIVER		
MINGO COUNTY PSD NAUGATUCK WATER PLANT	MINGO	2000000	8.5960	5,555,354	3,555,354				TUG FORK RIVER		
MITCHELL PLANT	MARSHALL	30,440,000	5,800.0000	3,748,377,600	3,717,937,600				OHIO RIVER		
MITTAL STEEL USA - WEIRTON PLANT	HANCOCK	338,000,000	5,800.0000	3,748,377,600	3,410,377,600				OHIO RIVER	40.42027778	-80.60444444
MONONGAH WATER PLANT	MARION	1584000	0.0360	23,266	-1,560,734	Incorrect lat. and long.?			TYGART VALLEY RIVER		
MOOREFIELD MUNICIPAL WATER SYSTEM	HARDY	4896000	0.1500	96,941	-4,799,059	Incorrect lat. and long.?			SOUTH BRANCH OF THE POTOMAC RIVER		
MOOREFIELD MUNICIPAL WATER SYSTEM	HARDY	4896000	15.6620	10,121,912	5,225,912				SOUTH FORK OF THE SOUTH BRANCH RIVER		
MORGANTOWN ENERGY FACILITY	MONONGALIA	80,280,000	340.0000	219,732,480	139,452,480				MONONGAHELA RIVER	39.63944444	-79.96166667
MORGANTOWN UTILITY BOARD	MONONGALIA	4,956,588	340.0000	219,732,480	214,775,892				MONONGAHELA RIVER/IMPOUNDMENT		
MOUNTAINEER PLANT	MASON	15,620,000	6,800.0000	4,394,649,600	4,379,029,600				OHIO RIVER	38.97277778	-81.92694444
MULLENS WTP	WYOMING	520000	0.4200	271,434	-248,566		119,618	151,816	SLAB FORK		
MULLICAN LUMBER	GREENBRIER	576,000	25.9000	16,738,445	16,162,445				GREENBRIER RIVER	37.75777778	-80.46444444
NAVAL SECURITY GROUP	PENDLETON	25,939	1.0000	646,272	620,333				POTOMAC RIVER	38.56944444	-79.27777778

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FACILITY NAME	COUNTY	DAILY MAXIMUM POTENTIAL TO WITHDRAW	7Q10	7Q10 IN GALLONS PER DAY	7Q10 MINUS DAILY MAXIMUM POTENTIAL TO WITHDRAW	COMMENT	AVERAGE DAILY REPORTED FLOW FROM SURVEY	7Q10 MINUS AVERAGE DAILY FLOW	SOURCE	DECIMAL LATITUDE	DECIMAL LONGITUDE
NIOC SUGAR GROVE NO. 9 SURFACE MINE	PENDLETON	144000	0.0040	2,585	-141,415	Incorrect lat. and long.?			SOUTH FORK OF SOUTH BRANCH OF POTOMAC	38.56694444	-79.26694444
	MINGO	150,000	0.1510	97,587	-52,413		3,180	94,407	OLDFIELD BRANCH	37.67083333	-82.11416667
NORTHERN REGIONAL WTP	LOGAN	4000000	1.3600	878,930	-3,121,070	Incorrect lat. and long.?			GUYANDOTTE RIVER		
OCEANA COMMUNITY OF PAW PAW MUNICIPAL WATER AND SEWER SYSTEM	WYOMING	443,402	0.7290	471,132	27,730				LAUREL FORK		
PERFORMANCE COAL COMPANY INC.	MORGAN	300000	6.7090	4,335,839	4,035,839				POTOMAC RIVER		
	RALEIGH	480,202	0.8360	540,283	60,081				MARSHFORK RIVER	37.91805556	-81.54055556
PETERSBURG TOWN OF PHILIP SPORN PLANT	GRANT	813,729	41.7190	26,961,822	26,148,092				SOUTH BRANCH OF THE POTOMAC RIVER		
	MASON	1,058,150,000	6,800.0000	4,394,649,600	3,336,499,600				OHIO RIVER	38.96777778	-81.92277778
PHILIPPI CITY OF PINE GROVE WATER	BARBOUR	847,610	2.4920	1,610,510	762,900				TYGART VALLEY RIVER		
	WETZEL	60,490	0.0440	28,436	-32,054				FISHING CREEK		
PINE RIDGE COAL COMPANY	BOONE	842,520	0.0240	15,511	-827,009		104,385	-88,874	LITTLE JARRELLS CREEK	38.00555556	-81.63694444
PINE RIDGE COAL COMPANY	BOONE	842,520	0.0740	47,824	-794,696		104,385	-56,561	BIG JARRELLS CREEK	38.00805556	-81.63166667
PINEVILLE MUNICIPAL WATER WORKS	WYOMING	1000000	4.4290	2,862,339	1,862,339				GUYANDOTTE RIVER		
PIONEER LOAD-OUT FACILITY	WYOMING	220,800	0.3970	256,570	35,770				CLEAR FORK	37.70416667	-81.60527778
PLEASANTS POWER STATION	PLEASANTS	31,680,000	5,800.0000	3,748,377,600	3,716,697,600				OHIO RIVER	39.36805556	-81.30083333
POCAHONTAS WATER SYSTEM	MERCER	200,469	3.8470	2,486,208	2,285,739				ABBS VALLEY CREEK		
POWER MOUNTAIN COAL PROCESSING PPG (NATRIUM)	NICHOLAS	2,000,000	0.0030	1,939	-1,998,061	Incorrect lat. and long.?			20 MILE	38.30027778	-81.02027778
PRATT WATER WORKS	MARSHALL	182,000,000	5,800.0000	3,748,377,600	3,566,377,600				OHIO RIVER	39.745	-80.85388889
PROGRESS COAL COMPANY - TWILIGHT MTR SURFACE MINE	KANAWHA	525000	1,890.0000	1,221,454,080	1,220,929,080				KANAWHA RIVER		
QUINCY DOCK	BOONE	500,000	0.8340	538,991	38,991				MARSHFORK RIVER	37.91527778	-81.53694444
QUINCY DOCK	KANAWHA	350,000	1,890.0000	1,221,454,080	1,221,104,080				KANAWHA RIVER	38.19944444	-81.50305556
QUINCY DOCK	KANAWHA	350,000	22.6590	14,643,877	14,293,877				KANAWHA RIVER	38.19888889	-81.48888889
QUINCY DOCK	KANAWHA	350,000	1,890.0000	1,221,454,080	1,221,104,080				KANAWHA RIVER	38.2	-81.50333333
QUINCY DOCK	KANAWHA	350,000	1,890.0000	1,221,454,080	1,221,104,080				KANAWHA RIVER	38.19916667	-81.50111111
QUINWOOD PREPARATION PLANT	NICHOLAS	60,000	0.0730	47,178	-12,822		38,130	9,048	HOMINY CREEK	38.09777778	-80.68361111
RAWL SALES & PROCESSING COMPANY	MINGO	568,110	7.0390	4,549,109	3,980,999				TUG FORK	37.64833333	-82.18666667
RICHWOOD WATER DEPT.	NICHOLAS	1440000	1.3480	871,175	-568,825		1,286,888	-415,713	CHERRY RIVER/NORFORK		
RIPLEY WATER WORKS	JACKSON	1000000	0.0000	0	-1,000,000	Incorrect lat. and long.?			BIG MILL CREEK		
RIVERS EDGE MINE	BOONE	34,441	0.0370	23,912	-10,529		30,338	-6,426	JARRELLS BRANCH	37.91027778	-81.66111111
RIVESVILLE POWER STATION	MARION	111,050,000	340.0000	219,732,480	108,682,480				MONONGAHELA RIVER	39.53055556	-80.11277778
ROBERT B. CREEL WATER TREATMENT FACILITY	MONONGALIA	14000000	340.0000	219,732,480	205,732,480				MONONGAHELA RIVER		
ROBINSON RUN	HARRISON	1,728,000	0.0400	25,851	-1,702,149		469	25,382	BINGAMON CREEK	39.40527778	-80.36694444
ROCKLICK PREP PLANT	BOONE	864,000	2.7590	1,783,064	919,064				POND FORK	37.25944444	-81.63083333

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FACILITY NAME	COUNTY	DAILY MAXIMUM POTENTIAL TO WITHDRAW	7Q10	7Q10 IN GALLONS PER DAY	7Q10 MINUS DAILY MAXIMUM POTENTIAL TO WITHDRAW	COMMENT	AVERAGE DAILY REPORTED FLOW FROM SURVEY	7Q10 MINUS AVERAGE DAILY FLOW	SOURCE	DECIMAL LATITUDE	DECIMAL LONGITUDE
RONCEVERTE WATER DEPARTMENT	GREENBRIER	504000	0.0520	33,606	-470,394	Incorrect lat. and long.?			GREENBRIER RIVER		
ROWLESBURG WATER WORKS	PRESTON	100000	7.5400	4,872,891	4,772,891				CHEAT RIVER		
RUFFNER MINE, WINIFREDE MINE & FANCO PLANT COMPLEX	LOGAN	820,800	0.2020	130,547	-690,253		821,550	-691,003	SURFACE WATER	37.81444444	-81.83611111
SAMPLES MINE COMPLEX	KANAWHA	333,000	0.9860	637,224	304,224				WHITE OAK FORK OF COAL RIVER	38.045	-81.48833333
SAMPLES MINE COMPLEX	KANAWHA	333,000	0.0250	16,157	-316,843		134,773	-118,616	CABIN CREEK	38.06944444	-81.45166667
SANDY RIVER SYNFUEL	WAYNE	1,200,000	0.0810	52,348	-1,147,652		247	52,101	BIG SANDY RIVER	38.30305556	-82.57916667
SHEPHERDSTOWN WATER	JEFFERSON	439,898	3.7050	2,394,438	1,954,540				POTOMAC RIVER		
SHEPHERDSTOWN WATER DEPARTMENT	BERKELEY	1000000	1,742.4040	1,126,066,918	1,125,066,918				POTOMAC RIVER		
SHINNSTON WATER BOARD	HARRISON	1,097,311	100.0000	64,627,200	63,529,889				TYGART VALLEY RIVER		
SHOEMAKER PREP PLANT	OHIO	1,584,000	5.800.0000	3,748,377.600	3,746,793.600				OHIO RIVER	40.02305556	-80.73416667
SISTERSVILLE WATER PLANT	TYLER	1800000	5.800.0000	3,748,377.600	3,746,577.600				OHIO RIVER (MILE POINT 137.2)	39.56777778	-80.99388889
SOUTHERN WEST VIRGINIA RESOURCES, LLC	MINGO	985,000	0.8020	518,310	-466,690				PIGEON CREEK	37.80361111	-82.33444444
ST ALBANS WATER	KANAWHA	1,109,279	7.3460	4,747,514	3,638,235				COAL RIVER		
STAR BRIDGE PREPARATION PLANT	RANDOLPH	300,000	0.0800	51,702	-248,298		16,096	35,606	LEFT FORK BUCKHANNON RIVER		
SUGAR CREEK PSD	BRAXTON	73,271	75.0000	48,470,400	48,397,129				ELK RIVER		
SUMMERSVILLE MUNICIPAL WATER	NICHOLAS	664,764	12.1230	7,834,755	7,169,991				GAULEY RIVER		
SUNOCO CHEMICALS - NEAL	WAYNE	2,500,000	0.1110	71,736	-2,428,264		317,131	-245,395	BIG SANDY RIVER	38.35444444	-82.59722222
SUPERIOR PREPARATION PLANT	MCDOWELL	300,000	8.6900	5,616,104	5,316,104				ELKHORN CREEK	37.42444444	-81.5475
SUPERIOR SURFACE	LOGAN	80,000	0.0900	58,164	-21,836	Incorrect lat. and long.?			ISLAND CREEK	37.8425	-81.89222222
SURFACE MINE NO. 2	MINGO	288,000	0.0250	16,157	-271,843		41,218	-25,061	BENS CREEK	37.60222222	-81.94694444
TERRY EAGLE PREPARATION PLANT	NICHOLAS	324,000	0.1900	122,792	-201,208		161,932	-39,140	PETERS CREEK	38.26444444	-81.02333333
THE GREENBRIER RESORT	GREENBRIER	990,468	2.7350	1,767,554	777,086				HOWARDS CREEK	37.77833333	-80.32583333
TOWN OF FORT GAY	WAYNE	360000	2.9570	1,911,026	1,551,026				TUG FORK RIVER		
TOWN OF GRANTSVILLE	CALHOUN	1000000	20.0000	12,925,440	11,925,440				LITTLE KANAWHA RIVER		
TOWN OF MAN WATER WORKS	LOGAN	378000	5.3810	3,477,590	3,099,590				GUYANDOTTE RIVER		
TOWN OF MAN WATER WORKS	LOGAN	378000	45.0000	29,082,240	28,704,240				GUYANDOTTE RIVER		
TOWN OF MARLINTON	POCAHONTAS	432000	1.4790	955,836	523,836				KNAPPS CREEK		
TOWN OF MILL CREEK MUNICIPAL WATER PLANT	RANDOLPH	259000	1.6230	1,048,899	789,899				MILL CREEK		
TOWN OF WEST HAMLIN WATER COMPANY	LINCOLN	0	45.0000	29,082,240	29,082,240				GUYANGOTTE RIVER		
U. S. SILICA COMPANY	MORGAN	1,871,136	0.7580	489,874	-1,381,262		1,063,645	-573,771	WARM SPRING RUN	39.66	-78.20305556
UNION CARBIDE SOUTH CHARLESTON FACILITY	KANAWHA	96,666.666	1.980.0000	1,279,618,560	1,182,951,894				KANAWHA RIVER	38.37055556	-81.68222222
VALLEY VIEW GOLF COURSE	HARDY	300,000	58.6780	37,921,948	37,621,948				SOUTH BRANCH OF POTOMAC RIVER	39.01055556	-79.01111111
WATER BOARD CITY OF LOGAN	LOGAN	2800000	45.0000	29,082,240	26,282,240				GUYANDOTTE RIVER		
WAYNE WATER SERVICES	WAYNE	650000	5.0000	3,231,360	2,581,360				12 POLE CREEK		
WEIRTON WATER TREATMENT PLANT	HANCOCK	4000000	5,800.0000	3,748,377.600	3,744,377.600				OHIO RIVER		
WELLS COMPLEX	BOONE	950,900	1.7580	1,136,146	185,246				POND FORK	37.91111111	-81.67888889

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FACILITY NAME	COUNTY	DAILY MAXIMUM POTENTIAL TO WITHDRAW	7Q10	7Q10 IN GALLONS PER DAY	7Q10 MINUS DAILY MAXIMUM POTENTIAL TO WITHDRAW	COMMENT	AVERAGE DAILY REPORTED FLOW FROM SURVEY	7Q10 MINUS AVERAGE DAILY FLOW	SOURCE	DECIMAL LATITUDE	DECIMAL LONGITUDE
WELLS COMPLEX	BOONE	950,900	0.0039	2,520	-948,380		2,497	23	JARRELLS BRANCH	37.91055556	-81.66222222
WELLS COMPLEX	BOONE	950,900	1.7570	1,135,500	184,600				POND FORK	37.91	-81.67861111
WEST FORK REGIONAL WATER TREATMENT PLANT	LEWIS	2000000	15.0000	9,694,080	7,694,080				WEST FORK		
WEST UNION COMMUNITY OF	DODDRIDGE	130,763	0.2990	193,235	62,472				MIDDLE ISLAND CREEK		
WEST VIRGINIA AMERICAN WATER/KANAWHA VALLEY	KANAWHA	50000000	75.0000	48,470,400	-1,529,600		31,136,164	17,334,236	SUTTON DAM		
WEST VIRGINIA AMERICAN WATER/MONTGOMERY PLANT	FAYETTE	1000000	1,890.0000	1,221,454,080	1,220,454,080				KANAWHA		
WEST VIRGINIA AMERICAN WATER/NEW RIVER DISTRICT	FAYETTE	4000000	610.0000	394,225,920	390,225,920				NEW RIVER		
WEST VIRGINIA AMERICAN WATER/WEBSTER SPRINGS	WEBSTER	350000	2.6670	1,723,607	1,373,607				ELK RIVER		
WEST VIRGINIA AMERICAN WATER--GASSAWAY DISTRICT	BRAXTON	900000	75.0000	48,470,400	47,570,400				ELK RIVER		
WHEELING WATER PLANT	OHIO	12000000	5,800.0000	3,748,377,600	3,736,377,600				OHIO RIVER		
WILDERNESS PSD	NICHOLAS	143,542	2.1730	1,404,349	1,260,807				MEADOW RIVER/ANGLINS CREEK		
WILDERNESS PSD	NICHOLAS	143,542	1.9120	1,235,672	1,092,130				MEADOW RIVER/ANGLINS CREEK		
WILLIAMSON WTP	MINGO	4320000	7.5940	4,907,790	587,790				TUG FORK RIVER		
WILLOW ISLAND POWER STATION	PLEASANTS	205,920,000	5,800.0000	3,748,377,600	3,542,457,600				OHIO RIVER	39.36805556	-81.30083333
WINTERPLACE SKI RESORT	RALEIGH	9,720,000	0.0010	646	-9,719,354		638,871	-638,225	GLADE CREEK	37.60333333	-81.12111111
WINTERPLACE SKI RESORT	RALEIGH	9,720,000	0.0070	4,524	-9,715,476		638,871	-634,347	GLADE CREEK	37.61472222	-81.11666667
WV AMERICAN WATER-HUNTINGTON	CABELL	20000000	8,600.0000	5,557,939,200	5,537,939,200				OHIO RIVER		

Note: Facilities that have the capability to detrimentally affect low flow conditions are shaded.

Note: Daily Maximum to Withdraw numbers were not available for those facilities in **bold italics**. The numbers in **bold italics** are the average daily withdrawals reported.