BellBendCOLPEm Resource

From: Sgarro, Rocco R [rrsgarro@pplweb.com]
Sent: Friday, September 18, 2009 8:01 AM
To: Imboden, Stacey; 'Bruce.Mcdowell@pnl.gov'
Cc: 'Beecher, Kimberly A'; 'Perdomo, Federico R'
Subject: FW: BNP-2009-266 - Bell Bend ER RAIs - Part 5 of 5
Attachments: BNP-2009-266 - Bell Bend ER RAIs - Part 5 of 5.pdf

#5 OF 5.

Rocky

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Sent: Thursday, September 17, 2009 5:23 PM
To: Sgarro, Rocco R
Subject: BNP-2009-266 - Bell Bend ER RAIs - Part 5 of 5

That's the last one.

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Sent Date: 9/18/2009 8:01:26 AM
Received Date: 9/18/2009 8:01:50 AM
From: Sgarro, Rocco R

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Priority: Standard
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SE 2.5-10

ESRP 2.5.4

Summary: *Extend the consideration of Environmental Justice out to a 50-mile radius.*

Full Text: None

Response: NUREG-1555, Section 2.5.4 Environmental Justice, requires that environmental justice (i.e., subsistence or other minority or low-income impacts) be addressed within the environmental impact area.

For the BBNPP proposed facility, impacts were evaluated within the two county ROI because this area was identified as being where potential environmental impacts were most likely to occur, and also where potential disproportionate impacts would most likely occur.

Additional resources were consulted to determine the availability of information regarding the low income and minority populations within the two-county region of influence (ROI) and out to a 50-mile radius. Information on subsistence activities, while limited, is presented in the responses to BBNPP ER RAI SE 2.5-12 (PPL, 2009); SE 2.5-13 and SE 4.4-14 (this submittal).

Reference cited in response: (PPL, 2009) BNP-2009-217, Bell Bend Nuclear Power Plant Response to Environmental Requests for Additional Information, Second Submittal, from R. R. Sgarro (PPL), to Document Control Desk (NRC), dated August 10, 2009.

COLA Impact:
The COLA will not be revised as a result of this response.

SE 2.5-13

ESRP 2.5.4

Summary: *Provide detailed data for subsistence practices, particularly agricultural uses, of distinct minority, low income, and distinctive populations to the extent feasible.*

Full Text: Use contacts with local social service agencies, NGOs, and a review of technical literature to document local subsistence activities, to the extent feasible.

Response:

Agricultural Subsistence

Subsistence farming primarily refers to self-sufficient farming in which producers grow only enough food to feed their family rather than farming for commercial ventures. For purposes of this evaluation, it was assumed that the distribution of farms among minority groups and according to farm size and income may provide some insights as to the relative importance of subsistence farming.

According to the Pennsylvania Farm Link, minority farm operators accounted for only 2.5% of the total farm "operators" in Pennsylvania in 1997 (PA Farm Link, 2009). Fewer than 600 Pennsylvania state farmers, or one percent, are members of minority groups (CRPA, 2004). The term operator designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on by others, he/she is considered the operator only of the land which is retained for his/her own operation (USDA, 2002b).

Statewide, in 2002, there were 58,105 farms and 87,351 total operators. The distribution among minority group operators is shown below:

- 84,577 were white (96.8%);
- 104 were black or African American (0.12%);
- 125 were American Indian or Alaska Natives (0.14%);
- 10 were Native Hawaiian or Other Pacific Islander (0.01%);
- 55 were Asian (0.06%); and
- 186 were more than one race (0.21%) (USDA, 2002b).

Within the Commonwealth of Pennsylvania, the average farm size was 133 acres, while the median was 90 acres. Luzerne County had a total of 548 farms that averaged 134 acres while Columbia County had a total of 884 farms that averaged 140 acres in size.

In the 2007 Agricultural Census, 5,601 Pennsylvania farms were comprised of one to nine acres of land each. Columbia County had 35 farms with one to nine acres and Luzerne County had

53 farms of that size. Among state farms, a total of 27,495 farms had income less than $2,500 in the 2007 census. Columbia County had 51 and Luzerne County 320.

Additional information about minority farmers was found in the Agricultural Census for Luzerne and Columbia Counties. To remain consistent with existing data presented in ER Rev. 1, the 2002 Agricultural Census data was used for the following information.

> In 2002, Luzerne County had a total of 548 farms with 809 operators. Of the total number of operators, 776 were white; two were black or African American; two were American Indian or Alaska Natives; two were of Hispanic descent; and three were more than one race. No operators were of Asian, Native Hawaiian, or Pacific Islander descent (USDA, 2002b).
>
> Within Luzerne County, the average farm size was 134 acres, while the median was 80 acres. In the 2002 Agricultural Census, 59 farms were comprised of one to nine acres each (USDA, 2002b).
>
> In 2002, there were 884 farms with 1,221 operators within Columbia County. Of the total operators, 1,201 were white; two were American Indian or Alaska Natives; two were of Hispanic descent; and two were more than one race. No operators were of black, African American, Asian, Native Hawaiian, or Pacific Islander descent (USDA, 2002b).
>
> Within Columbia County, the average farm size was 140 acres, while the median was 86 acres. In the 2002 Agricultural Census, 49 farms were comprised of one to nine acres.

Another internet search provided information about the lack of nutrition among minority and low-income populations. This resource first was evaluated on April 9, 2009. With regard to subsistence, the lack of nutritional foods inadvertently can affect uniquely vulnerable minority and low-income communities. In 2004, the Pennsylvania Department of Health and Human Services was awarded a grant to initiate a program to, in part, address common risk factors associated with obesity, including nutrition. This program assists large and small cities, tribes, and rural and urban communities to implement local action plans to reduce health disparities and to promote quality health care and prevention services (STHPLC, 2009).

Hunting, Gathering, and Fishing Activities

National statistics for hunting suggest that participation rates of Hispanics and African-Americans are much lower than for the rest of the population. Approximately six percent of the total population hunt, while only 2 percent of Hispanics hunt, and 1 percent of African-Americans (USFWS, 2004).

National statistics also suggest that Hispanic hunters tend to hunt big game. Seventy-five percent of Hispanic hunters hunt big game in comparison to 29 percent hunting small game, 35 percent hunting migratory birds, and 9 percent hunting other animals. For example, 67 percent of Hispanic hunters hunt deer and only 10 percent hunt rabbit (USFWS, 2004).

African-Americans tend to hunt small game (69 percent), which is more than the general population (42 percent). They have a high percentage of hunting for small game such as rabbit and squirrel (USFWS, 2004).

National statistics also suggest that for fishing activities, Hispanics and African-Americans each had a participation rate of seven percent (USFWS, 2004).

State statistics for 2006 yield little information about minority and low-income sportspersons, anglers, and hunters. Specific data about Hispanic, Black, and Other Racial groups was not reported due to a small sample size. Likewise, information about these participants, with annual household incomes below $20,000, was not available due to the small sample size (USFWS, 2008).

An additional internet search was conducted on August 3, 2009, to determine if information was available about hunting, gathering, and fishing activities. This search yielded no additional information from government or peer-reviewed sources. A popular magazine article dated March 23, 2007 suggested that urban minority populations would be unlikely, at least in the short term, to turn to fishing and hunting as an option for outdoor activities (Frye, 2007).

In addition to the internet search, interviews were conducted with local representatives of government and non-government organizations.

The Pennsylvania Game Commission was contacted on August 3, 2009. One of the licensing representatives said that no data about minority and low-income populations was available. He said that this is the first year in which an electronic licensing program was being utilized. Eventually, he would be able to provide the male and female ratio breakdown, but he does not believe that they would ever ask for “race” or “income” for licensing purposes. He suggested contacting the Hunters Sharing the Harvest Program for additional information about food banks and shelter programs for hunting/fishing.

A representative for Luzerne County for the Hunters Sharing the Harvest Program provided the following information on August 3, 2009:

> According to the county representative, each county coordinator is responsible for establishing the connection between the hunters and the butchers. His goal is to try to put new butchers on the list for the organization to process the meat.
>
> Hunters then donate $15, which is tax deductible, for a start to the processing fee; and the rest of the processing fee is subsidized through the state. The butcher only processes the meat into hamburger (5 lb. bags). This subsidy then would allow for meat to be provided to food banks and shelters for the use in stews, chili, etc. for approximately 200 people. The entire program provides over 200,000 meals a year statewide.
>
> The Luzerne County representative did not have specific information about where the meat is distributed or who participates in the program.

The Columbia County representative for this program also was contacted, but has not worked with the program in several years. He was not able to provide any additional information.

Additional interviews were conducted with the Pennsylvania Game Commission, the Pennsylvania Fish and Boat Commission, the United Way Berwick, the United Way Wyoming Valley Area (Luzerne County), the United Way Columbia County, the Human Services of Columbia County, the Nanticoke Christian Fellowship and Cornerstone Christian Fellowship, and the Commission of Economic Opportunity. No new information was provided.

Other Subsistence

The Central Pennsylvania Food Bank and H&J Weinberg Northeast Pennsylvania Regional Food Bank also were contacted. No new information was provided; the people interviewed suggested looking at published reports for rates of concern about the availability of food (referred to as food insecurity).

Pennsylvania is ranked as 18 with regard to the lowest rate of food insecurity. From 2003-2005, the food insecurity rate (low and very low food security) was 9.8%. Luzerne County is included as part of the service area of the H&J Weinberg Northeast Pennsylvania Regional Food Bank, while Columbia County is included in the service area of Central Pennsylvania Food Bank. In 2006, no state data was collected as to the number of clients served at the food banks in Pennsylvania (America's Second Harvest, 2007).

The Central Pennsylvania Food Bank is headquartered in Harrisburg, Pennsylvania. It began its operations in 1982. It serves a population of 2,730,987. In 2006, the food bank had 159,100 for its annual estimated number of clients served. The median monthly income of its clients was $950 (America's Second Harvest, 2007).

The H&J Weinberg Northeast Pennsylvania Regional Food Bank is headquartered in Wilkes-Barre, Pennsylvania. It began its operations in 1993. It serves a population of 602,863. In 2006, the food bank had 36,900 for its annual estimated number of clients served. The median monthly income of its clients was $750 (America's Second Harvest, 2007).

References cited in response:

America's Second Harvest, 2007. The Almanac of Hunger and Poverty in America 2007. Pennsylvania. Nation's Food Bank Network: Chicago, IL.

CRPA, 2004: Center for Rural Pennsylvania (CRPA), 2004. Trends in Rural Pennsylvania. The Dirt on Pennsylvania Agriculture. Website accessed on August 12, 2009, http://www.ruralpa.org/dirtonpaag.pdf.

Frye, 2007. Pa. Officials, Industry Leaders Stress Outdoors Participation. Tribune-Review Outdoors. March 23, 2007. Website accessed on August 3, 2009, http://www.connectoutdoors.state.pa.us/Pa.pdf.

PA Farm Link, 2009: Pennsylvania Farm Link, 2009: Beginning Farmers. Website accessed on August 3, 2009, http://www.pafarmlink.org/beginning.html.

STHPLC, 2009: Steps To A Healthier PA Luzerne County, Website accessed April 9, 2009, http://www.stepstoahealthierluzernecounty.org.

USDA, 2002b: United States Department of Agriculture (USDA), 2002. Volume 1 Chapter 2: County Level Data. Pennsylvania. Website accessed on August 12, 2009, http://www.agcensus.usda.gov/ Publications/2002/Volume_1,_Chapter_2_County_Level/ Pennsylvania/index.asp.

USFWS, 2004: United States Fish and Wildlife Service (USFWS), 2004. Participation and Expenditure Patterns of African-American, Hispanic, and Female Hunters and Anglers. Addendum to the 2001 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation. Report 2001-4.

USFWS, 2008: United States Fish and Wildlife Service (USFWS), 2008. 2006 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation. Pennsylvania. FHW/06-PA, Issued April 2008.

COLA Impact:
BBNPP COLA ER Section 2.5.4.3 will be revised as follows in a future revision of the COLA:

2.5.4.3 Subsistence Uses

Subsistence is the use of natural resources as food for consumption and for ceremonial and traditional cultural purposes. Often these types of activities are discussed for minority populations, but sometimes also for low income populations. Subsistence information is often difficult to collect, partially because it is relatively site specific and because it is difficult to differentiate between subsistence uses and recreational uses of natural resources. Often, a number of different informational sources have to be relied upon that collect data via different methods, for different classifications of groups, and for differing types of uses. Thus, it is not possible to present this information for the 50 mi (80 km) and ROI study areas that have been used in previous sections. Common major classifications of subsistence uses include gathering plants for consumption, for medicinal purposes, and use in ceremonial activities; fishing; ~~and~~ hunting; and subsistence farming. These activities are in addition to or replace portions of the foods that might be bought from businesses, and thus can represent reduced costs of living. They also often represent an important part of the cultural identity or lifestyle of the participants. This section presents the subsistence/recreational information that is available from a variety of sources obtained through an internet search.

And BBNPP COLA ER Section 2.5.4.3 will be added as follows in a future revision of the COLA:

2.5.4.3.4 Agriculture

Subsistence farming primarily refers to self-sufficient farming in which producers grow only enough food to feed their family rather than farming for commercial ventures. For purposes of this evaluation, it was assumed that the distribution of farms among minority groups and according to farm size and income may provide some insights as to the relative importance of subsistence farming.

According to the Pennsylvania Farm Link, minority farm operators accounted for only 2.5% of the total farm "operators" in Pennsylvania in 1997 (PA Farm Link, 2009). Fewer than 600 Pennsylvania state farmers, or one percent, are members of minority groups (CRPA, 2004). The term operator designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on by others, he/she is considered the operator only of the land which is retained for his/her own operation (USDA, 2002b).

In 2002, Luzerne County had a total of 548 farms with 809 operators. Of the total number of operators, 776 were white; two were black or African American; two were American Indian or Alaska Natives; two were of Hispanic descent; and three were more than one race. No operators were of Asian, Native Hawaiian, or Pacific Islander descent (USDA, 2002b).

Within Luzerne County, the average farm size was 134 acres, while the median was 80 acres. In the 2002 Agricultural Census, 59 farms were comprised of one to nine acres each (USDA, 2002b).

In 2002, there were 884 farms with 1,221 operators within Columbia County. Of the total operators, 1,201 were white; two were American Indian or Alaska Natives; two were of Hispanic descent; and two were more than one race. No operators were of black, African American, Asian, Native Hawaiian, or Pacific Islander descent (USDA, 2002b).

Within Columbia County, the average farm size was 140 acres, while the median was 86 acres. In the 2002 Agricultural Census, 49 farms were comprised of one to nine acres each (USDA, 2002b).

BBNPP COLA ER Section 2.5.4.6 will be revised as follows in a future revision of the COLA:

2.5.4.6 References

CRPA, 2004: Center for Rural Pennsylvania (CRPA), 2004. Trends in Rural Pennsylvania. The Dirt on Pennsylvania Agriculture. Website accessed on August 12, 2009, http://www.ruralpa.org/dirtonpaag.pdf.

PA Farm Link, 2009: Pennsylvania Farm Link, 2009: Beginning Farmers. Website accessed on August 3, 2009, http://www.pafarmlink.org/beginning.html.

USDA, 2002a. 2002 Census of Agriculture-County Data, Table 7, Hired Farm Labor-Workers and Payroll, U.S. Department of Agriculture, Website: http://www.nass.usda.gov/census/census02/volume1/pa/st42_2_007_007.pdf, Date accessed: June 2008.

USDA, 2002b: United States Department of Agriculture (USDA), 2002. Volume 1 Chapter 2: County Level Data. Pennsylvania. Website accessed on August 12, 2009, http://www.agcensus.usda.gov/ Publications/2002/Volume_1,_Chapter_2_County_Level/Pennsylvania/index.asp.

SE 4.4-7

ESRP 4.4.2

Summary: *Provide hourly wage estimates for service-oriented industries as opposed to average salary estimates across all industries and report those. Use operations workforce multiplier for operations workforce employed during construction.*

Full Text: Local officials interviewed during the site audit indicated that local service industry wages were far below average statewide wage levels. Thus, wages paid in local service industries would be a more appropriate figure to use relative to average salary estimates across all industries.

Response:

Wage Estimates for Service-Oriented Industries

Within Luzerne County, the mean earnings were $52,370 in 2006; for Columbia County, the mean earnings were $48,437 in 2006.

Service Industries

The following table provides the median hourly, mean hourly, and mean annual salaries of various selected, representative food service, sales, and office/administrative occupations within the Scranton-Wilkes-Barre Metropolitan Area for 2006. This information was not available at the county level, or less, for the ROI. Mean hourly salaries range from $6.60 to $15.53 for the selected, representative food service occupations, $7.28 to $9.37 for the selected, representative sales occupations, and from $8.21 to $14.34 for the selected, representative office/administrative occupations. The median of each of these measures, across these occupations, is as follows: $8.33 is the median of the “median hourly wages,” $8.59 is the median of the “mean hourly wages,” and $17,870 is the median of the “mean annual salaries.”

Service Industry Median and Mean Salaries, 2006

Occupation	Median Hourly	Mean Hourly	Mean Annual
All Occupations	$12.80	$15.71	$32,690
Food Preparation and Serving Related Occupations			
First Line Supervisors/Managers of Food Preparation and Serving Workers	$15.53	$15.86	$32,990
Cooks, Fast Food	$6.62	$6.92	$14,390
Cooks, Restaurant	$8.33	$8.95	$18,620
Cooks, Short Order	$8.60	$8.59	$17,870
Bartenders	$6.85	$7.10	$14,760
Combined Food Preparation and Serving Workers, Including Fast Food	$6.93	$7.37	$15,330
Waiters and Waitresses	$6.60	$7.27	$15,110

Occupation	Median Hourly	Mean Hourly	Mean Annual
Sales and Related Occupations			
Cashiers	$7.28	$7.55	$15,710
Retail Salespersons	$9.37	$10.98	$22,840
Office and Administrative Support Occupations			
Hotel, Motel, and Resort Desk Clerks	$8.21	$8.39	$17,440
Customer Service Representatives	$12.10	$12.48	$25,950
Office Clerks General	$10.50	$11.41	$23,730
Office and Administrative Support Workers, All Other	$14.34	$15.77	$32,790

Source: BLS, 2006.

Construction and Extraction Occupations

Within the Scranton-Wilkes-Barre MSA, mean hourly salaries range from $11.37 to $29.54 for selected, representative construction and extraction occupations, as listed in the table below. The median of each of these measures, across these occupations, is as follows: $18.60 is the median of the "median hourly wages," $18.70 is the median of the "mean hourly wages," and $38,895 is the median of the "mean annual salaries."

The following table provides additional details for the Scranton-Wilkes-Barre MSA for construction and extraction occupations:

Construction and Extraction Industry Median and Mean Salaries, 2006

Occupation	Median Hourly	Mean Hourly	Mean Annual
All Occupations	$12.80	$15.71	$32,690
All Construction and Extraction Occupations			
First-Line Supervisors/Managers of Construction Trades and Extraction Workers	$29.54	$31.38	$65,260
Brick masons and Block masons	$18.11	$17.56	$36,510
Carpenters	$18.09	$18.13	$37,720
Cement Masons and Concrete Finishers	$19.09	$19.27	$40,070
Construction Laborers	$13.20	$14.87	$30,920
Operating Engineers and Other Construction Equipment Operators	$21.47	$21.32	$44,350
Electricians	$23.23	$22.92	$47,680
Pipe layers	$15.38	$15.12	$31,450
Plumbers, Pipefitters, and Steamfitters	$24.16	$23.34	$48,550
Sheet Metal Workers	$21.70	$21.13	$43,940
Structural Iron and Steel Workers	$27.13	$26.97	$56,110
Helpers - Carpenters	$11.37	$11.55	$24,020
Helpers - Electricians	$13.08	$14.29	$29,720

Source: BLS, 2006.

Operations Workforce Multiplier for Operations Workforce Employed During Construction

The new BBNPP unit will require 363 operational personnel upon completion of construction and initiation of full operation. In order to plan and undertake preliminary commissioning and operational activities, it is anticipated that approximately 100 of these operational personnel will be on-site during the first two years of construction, and all 363 personnel will be on-site during the remaining four years of construction. As a result, there will be an overlap of approximately fours years during which the full contingent of 363 operational personnel will be on-site with the construction personnel, including the period of peak construction activity. Additionally, based on an indirect multiplier for operations of 1.9011 as noted in ER Table 5.8-2, 690 indirect jobs would also be created during the last four years of construction as a result of the operational workforce:

363 direct operational jobs $\times$ 1.9011 indirect multiplier = 690 indirect jobs.

As discussed in ER Section 5.8.2.3 and detailed in ER Table 5.8-2, it is assumed that 87.1% of the 363 operational personnel, or 316 workers, will in-migrate into the two-county ROI based upon the existing SSES operational workforce. Approximately 42.3% of the existing SSES operational workforce resides in Luzerne County and 44.8% resides in Columbia County. Therefore, of the estimated 316 operational workers who will in-migrate, approximately 154 workers and their families will in-migrate into Luzerne County and 163 workers and their families will in-migrate into Columbia County. It is further assumed that 87.1% of indirect workers, or 601 workers, would also reside within the ROI, and the indirect workforce would be distributed between Columbia and Luzerne Counties in a pattern similar to that of the direct workforce. However, since the spouses of direct workers would likely fill a number of the indirect employment opportunities, it is estimated that there will only be 114 indirect worker households in Luzerne County and 121 indirect worker households in Columbia County, or a total of approximately 234 in the ROI.

Operational personnel will have an average salary of $77,135 annually. This will amount to approximately $28 million in direct annual salaries overall, excluding benefits, during the last four years of construction prior to the operation of BBNPP, and $24.4 million within the ROI. Additionally, based on the information presented previously for selected, representative service wages in the Scranton-Wilkes-Barre MSA, the annual salary for indirect workers is estimated to be $17,870, which will generate approximately $12.3 million in indirect annual wages overall, and $10.7 million within the ROI.

Additional state income and sales taxes will be generated within the ROI by the 316 in-migrating residents from the operations workforce and the 601 indirect workers. As shown in the response to RAI SE 4.4-10, in 2006 the Commonwealth of Pennsylvania collected $10,261.6 million in income taxes. Based upon 4,845,603 total households in the state, this amounts to approximately $2,118 annually per household (USCB, 2006b). This would result in an additional $669,288 annually in income taxes from the households of direct operational workers and $495,612 from the households of indirect workers.

In 2006-2007, the state collected $8,590.8 million from sales tax (PDR, 2008). Based upon the total number of households in 2006 (4,845,603) (USCB, 2006b), approximately $1,773 in sales taxes will be generated annually per household. Within the ROI, this will result in an additional $560,268 annually from the direct operational workers and $405,522 from the indirect workers.

Assuming that in-migrants occupy new homes, real estate taxes for the in-migrating population can be estimated based upon the current revenues generated in Luzerne and Columbia

Counties. For Luzerne County, revenue generated from real estate taxes was $72,398,609 as shown in ER Table 2.5-26. In 2006, the total number of households was 130,034 (USCB, 2006c). Based upon the amount of revenue generated and the population, approximately $556.77 is generated annually per household. Using the 2006 estimates, and excluding any in-migrating indirect workers, approximately $85,743 would be generated annually in real estate taxes from the 154 direct workers and their families in Luzerne County. However, it is likely that only a portion of this potential increase in real estate taxes would be realized, because most of the housing needs of the in-migrating workers and their families will be satisfied by the existing supply of housing units, which is currently subject to real estate tax, and in-migration associated with BBNPP would likely have little impact on property values as discussed in ER Sections 4.4.2.4 and 5.8.2.2.

As shown in ER Table 2.5-27, revenue generated from real estate taxes was $5,521,606 in Columbia County. In 2006, the total number of households was 25,302 (USCB, 2006d). Based upon the amount of revenue generated and the population, approximately $218.23 is generated annually per household. Using these estimates, and excluding any in-migrating indirect workers, approximately $35,571 in real estate taxes would be generated annually from the 163 direct workers and their families residing in Columbia County. However, it is likely that only a portion of this potential increase in real estate taxes would be realized, because most of the housing needs of the in-migrating workers and their families will be satisfied by the existing supply of housing units, which is currently subject to real estate tax, and in-migration associated with BBNPP would likely have little impact on property values as discussed in ER Sections 4.4.2.4 and 5.8.2.2.

The following table provides a summary of this information:

Potential Annual Income, Sales, and Real Estate Taxes Generated in the ROI by the Initial Operational Workforce During Construction

Taxes/Jurisdictions	Operational Workers In-Migration	Indirect Workers
Households		
Luzerne County	154	114
Columbia County	163	121
Total*	316	234
Income Taxes		
Luzerne County	n/a	n/a
Columbia County	n/a	n/a
State Total	$669,288	$495,612
Sales Taxes		
Luzerne County	n/a	n/a
Columbia County	n/a	n/a
State Total	$510,268	$405,522
Real Estate Taxes**		
Luzerne County	$85,743	n/a
Columbia County	$35,511	n/a
State Total	n/a	n/a

* Totals are not exact due to rounding (See ER Table 5.8-2).

** Assumes in-migrating workers occupy new homes.

References cited in response:

BLS, 2006. Bureau of Labor Statistics (BLS), 2006. May 2006 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates. Scranton-Wilkes Barre, PA. Website accessed on August 3, 2009, http://www.bls.gov/oes/2006/may/oes_42540.htm.

PDR, 2008. Pennsylvania Department of Revenue (PDR), 2008. Commonwealth of Pennsylvania: 2008-2009 Budget in Brief. Website accessed on August 4, 2009, http://www.portal.state.pa.us/portal/server.pt?open=512&objID=4571&mode=2#2008-09.

USCB, 2006a. United States Census Bureau (USCB), 2006. ACS Demographic and Housing Estimates: 2006. Pennsylvania. Website accessed on August 4, 2009, http://factfinder.census.gov/servlet/ADPTable?_bm=y&-state=adp&-context=adp&-qr_name=ACS_2006_EST_G00_DP5&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=false&-_caller=geoselect&-geo_id=04000US42&-format=&-_lang=en.

USCB, 2006b. United States Census Bureau (USCB), 2006. Selected Social Characteristics in the United States: 2006. 2006 American Community Survey. Pennsylvania. Website accessed on August 4, 2009, http://factfinder.census.gov/servlet/ADPTable?_bm=y&-state=adp&-context=adp&-qr_name=ACS_2006_EST_G00_DP2&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=false&-_caller=geoselect&-geo_id=04000US42&-format=&-_lang=en.

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USCB, 2006d. S1101- Households and Families. 2006 American Community Survey. Columbia County, Pennsylvania. Website accessed on August 18, 2009, http://factfinder.census.gov/servlet/STTable?_bm=y&-context=st&-qr_name=ACS_2006_EST_GOO_S1101&-ds_name=ACS_2006_EST_GOO_&-tree_id=306&-redoLog=true&-_caller=geoselect&-geo_id=05000US42037&-format=&-_lang=en

COLA Impact:

BBNPP COLA ER Section 4.4.2 will be revised as follows in a future revision of the COLA:

4.4.2.3 Demography

As stated above, it is estimated that a peak of 3,950 FTE employees would be required to construct BBNPP. As shown in Table 4.4-7 under the 20% in-migration scenario, an estimated peak of 688 construction workers would migrate into the ROI along with about 1,018 family members, for a total of 1,706. Of these, the total estimated direct in-migration would be about 829 people (48.6%) into Luzerne County and 878 people (51.4%) into Columbia County. As shown in Table 4.4-8 under the 35% in-migration scenario, an estimated peak of 1,204 direct workers would migrate into the ROI along with about 1,782 family members, for a total of 2,986 people. Of these, the total estimated direct peak in-migration would be about 1,450 people (48.6%) into Luzerne County and 1,536 people (51.4%) into Columbia County.

In addition, it is estimated that a maximum of 954 indirect jobs would be created within the ROI under the 20% scenario and 1,670 indirect workforce jobs would be created under the 35% scenario (multiplying 3,440 ROI peak direct workers by the BEA indirect employment/economic multiplier of 1.3866, (BEA, 2008)). An estimated 532 to 930 indirect jobs located within the ROI could be filled by the spouses and other family members of the direct workforce. The remaining 423 to 739 indirect jobs likely would be filled by existing unemployed residents, a maximum of 7.0% of the 10,491 unemployed within the ROI in 2006, underemployed area residents, or new in-migrants. If all of these remaining indirect jobs were filled by new immigrants, it would only represent 278 to 486 households with 688 to 1,205 people.

A maximum potential in-migration, assuming all indirect workers in-migrate, of up to 2,395 people into the ROI under the 20% scenario, or up to 4,191 people under the 35% scenario, would only represent a 0.6% to 1.1% increase in the total ROI population of 378,034 people in 2006. Table 4.4-9 shows the cumulative workforces that would be accessing the BBNPP site on a daily basis as well as the surrounding ROI during normal SSES operations, planned outages, and construction of the BBNPP facility. Because these percentage changes are small, it is concluded that the impacts to population levels in the ROI would be SMALL, and would not require mitigation.

During the last four years of construction, 363 operations personnel will be on-site. Based upon the existing SSES operational workforce, approximately 87.1% would in-migrate into the two-county ROI. Approximately 42.3% of the existing SSES operational workforce resides in Luzerne County and 44.8% resides in Columbia County. Therefore, of the 316 workers who would in-migrate, approximately 154 workers and their families would in-migrate into Luzerne County, and 163 workers and their families would in-migrate into Columbia County.

In addition to the direct jobs created by the operational positions, an additional 690 indirect jobs would be created within the ROI (multiplying 363 operational workers by the BEA indirect employment/economic multiplier of 1.9011 (BEA, 2008)). Assuming 244 of the indirect jobs would be filled by the spouses of direct workers as shown in Table 5.8-2, a total of 1,366 people would in-migrate into the ROI as a result of direct and indirect employment. This represents a 0.4% increase on the total population of 378,034 (in 2006).

A search was conducted for the presence of other nuclear power plants within 100 mi (160 km) of the BBNPP site. Figure 4.4-2 shows the resulting locations. The figure contains four overlapping zones each with 50 mi (80 km) radii. The zones include as their centers the surrounding nuclear power plant sites. The other power plants include SSES Units 1 and 2 to the east, Limerick Units 1 and 2 to the southeast, Peach Bottom Units 2 and 3 to the south, and Three Mile Island Unit 1 to the southwest. As can be seen in the figure, the BBNPP site's 50 mi (80 km) radius overlaps slightly with the 50 mi (80 km) zones of each of these facilities. The cumulative effect of a proportion of the construction workforce originating from within 50 mi (80 km) of BBNPP and potentially drawing employees from these other four power plants, or adding significantly to the total employment levels for these types of facilities in these areas, would be SMALL, and would not require mitigation.

4.4.2.4 Housing

The in-migrating construction workforce would likely either rent or purchase existing homes, or would rent apartments and townhouses. Non-migrating (i.e., weekly or monthly) workers would likely stay in area hotels, motels, bed and breakfasts (B&Bs), or at area campgrounds and recreational vehicle (RV) parks. Of the estimated maximum 966 direct and indirect households migrating into the ROI to construct BBNPP under the 20% scenario, and the 1,690 households in the 35% scenario, it is estimated that 429 to 821 households (42%) would reside in Luzerne County and 497 to 869 (45%) would reside in Columbia County. This would represent a maximum of 5.7% to 10.0% of the 16,817 total housing units vacant in the ROI in 2000. It would represent 4.6% to 8.1% of the 20,796 units vacant in 2006. Thus, the ROI, and each county within it, have enough housing units available to meet the needs of the workforce, based upon 2000 and 2006 housing information.

In addition to the construction workforce, 316 operational personnel and their families will in-migrate to the ROI during the last four years of construction. Similar to the construction workforce, the in-migrating operations workers would likely either rent or purchase existing homes, or would rent apartments and townhouses. Of the 550 direct and indirect households migrating into the ROI as calculated in Table 5.8-2, it is estimated that 268 households would reside in Luzerne County and 284 within Columbia County. The total number of housing units needed in the ROI would represent 3.3% of the total 16,817 vacant units located in the ROI in 2000.

An example of what housing impacts could occur is provided by the construction of the original SSES units. Construction of the original SSES units resulted in the modular home developments along Route 93 toward Orangeville, in Salem Township, and in Berwick. Additional development occurred in the Hazleton/Conyngham Valley and the Scranton-Wilkes-Barre areas. Much of the management and engineering teams moved to the area for relatively long periods of time. More temporary housing that was utilized by some of the construction workforce included motels, located from Benton to Bloomsburg, and camping. In some cases, such as with the members of the electricians union, workers commuted in groups of 12 or more people to the site each day. Many of the pipefitters likely originated and commuted from the Philadelphia area on a weekly basis.

In addition to the above housing units, there are a total of 68 apartment and townhouse complexes providing one to three bedroom rental units in the ROI. Most of these facilities are located in Luzerne County, including 50 apartment and townhouse complexes. These rental complexes could be used to house part of the in-migrating workforce and might be a viable option to purchasing more costly single-family homes.

Weekly or monthly commuters might elect to stay at one of the 96 hotels/motels/B&Bs facilities, providing about 3,674 rooms for rent in the ROI. Luzerne County has 49 hotel/motel facilities with 2,353 rooms and Columbia County has 47 facilities with 1,321 rooms. Because the hotels and motels are operating at or near capacity during the summer vacation season, from about April through August (see Section 2.5.2), the portions of the workforce that might want to stay on a weekly or monthly basis and then commute home might compete with existing users. During the remainder of the year, enough units would likely be available to meet the needs of the weekly or monthly commuters.

Because significantly more housing units are available than would be needed, the in-migrating workforce alone should not result in an increase in the demand for housing, or in increases in housing prices or rental rates. Also, construction is not scheduled to begin until 2012, providing adequate time for private developers to construct additional new homes and apartment complexes if the economy in the ROI expands, in general, and demand warrants it. In addition, for about seven months out of the year there are noticeable quantities of vacant motel and hotel units that could be used by weekly and monthly commuters. Thus, because of the available housing, it is concluded that the impacts to area housing would be SMALL, and would not require mitigation.

4.4.2.5.2 Two-County Region of Influence

Direct construction workforce employment is already discussed in the demography section above. In addition to the 3,950 direct workforce, a peak of 954 indirect workforce jobs would be created in the ROI under the 20% scenario and 1,670 indirect jobs would be created under the 35% scenario (Table 4.4-7 and Table 4.4-8). This would result in a peak increase of 1,642 to 2,874 employed people in the ROI, depending upon the scenario selected. The peak increase in employment would range from 797 to 1,396 people in Luzerne County and 845 to 1,478 people in Columbia County. Unemployed or underemployed members of the labor force could benefit from these increased employment opportunities, to the extent that they have the craft skills required (e.g., laborers, carpenters, electricians, plumbers, welders) and are hired as part of the construction workforce. These increases would result in a noticeable but small impact to the area economy, representing a maximum 0.9% increase in the 151,869 total labor force in Luzerne County in 2000 and 4.6% in the 32,403 total labor force in Columbia County (USCB, 2000).

It is estimated that the direct construction workforce would receive average salaries of $34.00/ hour/worker (two-thirds of the estimated $50 per hour, including benefits), or about $70,720 annually. This would result in an annual salary expenditure, for the peak construction workforce of 3,950 people, of $279.3 million. The average annual salary for the direct workforce would be significantly more than the $52,370 mean earnings in Luzerne County in 2006 and the $48,437 mean earnings in Columbia County. Based upon the peak 35% scenario immigration levels, Luzerne County would experience an estimated $41.4 million increase in annual income during peak construction and Columbia County would receive an estimated $43.8 million annually. The construction workforce also will have the opportunity to receive overtime pay at a rate of 1.5 times the wage rate for all hours over 40 per week. As previously indicated, the average wage rate per hour is $34.00 per hour with an average annual salary of $70,720. This is based on the assumption of a 40 hour work week. The construction workforce has the potential to earn up to 20 hours per work in overtime pay. Over the course of one year, this would amount to an additional 1,040 hours of work. The average rate for overtime pay is $51.00 per hour. At this rate, a construction worker could earn an additional $53,040, or a total of $123,760 annually.

In addition, the working spouses of the direct construction workers, who filled indirect jobs created by the power plant, would contribute substantially to individual household incomes. Assuming that the average indirect worker earned $17,870, which is the 2006 median of average annual income for service workers in selected occupations in the Scranton-Wilkes-Barre MSA (BLS, 2006), the 954 indirect workers under the 20% scenario would generate $17.05 million in additional annual salaries within the ROI, and the 1,670 indirect workers under the 35% scenario would generate $29.8 million in additional annual salaries.

In addition to the direct construction workforce, 316 operational personnel would in-migrate to the ROI during the last four years of construction. This workforce would receive average annual salaries of $77,135, excluding benefits. This would result in an annual salary increase of $24.4 million within the ROI. The average annual salary would be significantly more than the $52,370 mean earnings in Luzerne County in 2006 and the $48,437 mean earnings in Columbia County.

Due to the operational workforce, an additional 690 indirect jobs would be created. Assuming that the average indirect service worker earned $17,870 (the 2006 median of average annual income for service workers in selected occupations in the Scranton-Wilkes-Barre MSA) (BLS, 2006) and that 601 indirect workers would reside in the ROI, an additional $10.7 million in annual income would be generated in Columbia and Luzerne Counties.

~~Assuming that the average indirect worker earned $52,370 annually, the average earnings in Luzerne County in 2006, the 954 indirect workers under the 20% scenario would generate $50 million in additional annual salaries within the ROI, and the 1,670 indirect workers under the 35% scenario would generate $87.4 million in additional annual salaries.~~ The additional direct and indirect workforce income would result in additional expenditures and economic activity in the ROI. Construction of SSES was noted to have benefited restaurants; car dealerships; golf courses/clubs; sand, gravel, and aggregate businesses; firms providing nitrogen and oxygen gases; lumber suppliers; and other similar businesses. Because of the overall significant number of construction and indirect jobs that would be created, existing lower income levels found in the ROI, and the general out-migration occurring (an indicator of lower economic opportunity), the beneficial impacts to employment and income from construction of the BBNPP facility would be MODERATE, and would not require mitigation.

Note: *This text reflects changes made in response to BBNPP ER RAI SE 4.4-10 as well.*

4.4.2.6.2 Two-County Region of Influence

In 2008, PPL Susquehanna, LLC, paid approximately $1.2 million in real estate taxes to Luzerne County for SSES Units 1 and 2 and surrounding properties. PPL Susquehanna, LLC, also paid approximately $2.7 million in real estate taxes to the Berwick School District. In 2008, PPL Bell Bend, LLC, will generate approximately $30,000 in total property taxes in its current, substantially undeveloped state. Based on a countywide property reassessment in 2008, the 2009 real estate taxes are expected to increase significantly on these properties. Additional real estate tax increases are expected once BBNPP secures the approvals for the required rezoning for the properties that will make up the BBNPP site. Taxes will also escalate during the time frame between the commencement of construction and commercial operation of the plant in 2018. Those increases will be based on the reassessed value determined by the County Assessor based on the percentage of work completed. It is anticipated that these reassessments will occur annually until construction is complete, at which time a final assessment will be determined. This total property tax paid

during construction will represent a significant increase in revenues for Salem Township, the Berwick Area School District, and Luzerne Country.

These increased property tax revenues would either provide additional revenues for existing public facility and service needs or for new needs generated by the power plant and associated workforce. The increased revenues could also help to maintain or reduce future taxes paid by existing non-project related businesses and residents, to the extent that project-related payments provide tax revenues that exceed the public facility and service needs created by BBNPP. However, the payment of those taxes often lags behind the actual impacts to public facilities and services, or the time needed to plan for and provide the additional facilities or services. Thus, it is concluded that these increased power plant property tax revenues would be a LARGE economic benefit to Luzerne County.

Some additional real estate tax revenue will also be generated from the in-migrating population of direct and indirect workers and their families. However, any increase in tax revenues is not expected to be significant, because the existing supply of vacant housing available to meet the needs of the in-migrating workers is anticipated to be adequate. As the existing owners of these housing units likely pay real estate taxes currently, the purchase or rental of these units by in-migrating workers will have little impact on overall real estate tax revenues within the ROI.

~~Additional state and local income taxes would be generated by the in-migrating residents, although the amount cannot be estimated because of the variability of investment income, retirement contributions, tax deductions taken, applicable tax brackets, and other factors. It is estimated that Luzerne County would experience a $41.4 million increase in annual wages from the direct workforce. Columbia County would experience an estimated annual increase of $43.8 million from the direct workforce. Relative to the existing total wages for the ROI, it is concluded that the potential increase in income taxes represent a SMALL economic benefit to the jurisdictions.~~

Additional state income taxes would be generated by the in-migrating residents. Although the amount cannot be accurately estimated because of the variability of investment income, retirement contributions, tax deductions taken, applicable tax brackets, and other factors, tax revenue data from the Pennsylvania Department of Revenue can be used to project potential tax revenue impacts within the ROI. In 2006, the State of Pennsylvania collected $10,261.6 million in income taxes. Based on the 2006 total number of households (4,845,603), this amounts to approximately $2,118 annually per household. As indicated in Tables 4.4-7 and 4.4-8, a peak of 3,950 direct construction employees will build BBNPP. Under the 20% in-migration scenario, an estimated 688 workers and their families will locate within the ROI. Based upon this amount, approximately $1,457,184 will be generated annually in income taxes by the 688 households. Under the 35% in-migration scenario, an estimated 1,204 workers and their families will locate within the ROI. Therefore, approximately $2,550,072 will be generated annually in income taxes by the 1204 households.

As with the 50 mi (80 km) comparative geographic area, additional sales taxes also would be generated within the ROI by the power plant and the in-migrating residents. However, these purchases would be much smaller within the ROI. The amount of increased sales tax revenues generated by the in-migrating residents would depend upon their retail purchasing patterns, but would only represent a small benefit to this revenue stream for the Commonwealth of Pennsylvania. The amount of increased sales tax revenues generated by the in-migrating residents would depend upon their retail purchasing patterns, but would

only represent a small benefit to this revenue stream for the Commonwealth of Pennsylvania. In 2006-2007, the state collected $8,590.8 million from sales tax (PDR, 2008). Based upon the 2006 total number of households (4,845,603), approximately $1,773 in sales taxes will be generated annually per household (USCB, 2006b and c). As indicated in Tables 4.4-7 and 4.4-8, a peak of 3,950 direct construction employees will build BBNPP. Under the 20% in-migration scenario, an estimated 688 workers and their families are expected to in-migrate into the ROI. Based upon this amount, approximately $1,219,824 in annual sales taxes will be generated by the 688 households. Under the 35% in-migration scenario, an estimated 1,204 workers and their families are expected to in-migrate into the ROI. Therefore, approximately $2,134,692 in annual sales taxes will be generated by the 1,204 households.

Additional income and sales tax also will be generated within the ROI by the 316 in-migrating operational personnel and their families during the last 4 years of construction and 601 indirect workers. Based upon the 2006 state income and sales tax collections, approximately $669,288 in annual income taxes and $560,268 in annual sales taxes will be generated by the in-migrating households of 316 direct workers; and approximately $495,612 in annual income taxes and $405,522 in annual sales taxes will be generated by the households of the 234 indirect workers that are noted in Table 5.8-2.

It is estimated that Luzerne County will experience a $41.4 million increase in annual wages from the direct construction workforce and $11.6 million from the direct operational workforce. Columbia County would experience an estimated annual increase of $43.8 million from the direct construction workforce and $12.5 million from the direct operational workforce. Relative to the existing total wages for the ROI, it is concluded that the potential increase in income taxes represent a SMALL economic benefit to the jurisdictions.

Overall, although all tax revenues generated by the BBNPP and the related workforce would be substantial, as described above, they would be relatively small compared to the overall tax base in the ROI. Thus, it is concluded that the overall beneficial impacts to tax revenues would be SMALL.

4.4.2.10 References

BLS, 2006. May 2006 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates, Scranton-Wilkes-Barre, PA, Bureau of Labor Statistics, Website: http://www.bls.gov/oes/2006/may/oes_42540.htm, Date accessed August 3, 2009.

PDR, 2008. Commonwealth of Pennsylvania: 2008-2009 Budget in Brief, Pennsylvania Department of Revenue, Website: http://www.portal.state.pa.us/portal/server.pt?open=512&objID=4571&mode=2#2008-09, Date accessed: August 4, 2009.

USCB, ~~2006~~2006a. American FactFinder 2006 American Community Survey: Economic Characteristics 2006, U.S. Census Bureau, Website: http://www.factfinder.census.gov.

USCB, 2006b. ACS Demographic and Housing Estimates: 2006, Pennsylvania, United States Census Bureau, Website: http://factfinder.census.gov/servlet/ADPTable?_bm=y&-state=adp&-context=adp&-qr_name=ACS_2006_EST_G00_DP5&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=false&-_caller=geoselect&-geo_id=04000US42&-format=&-_lang=en, Date accessed: August 4, 2009.

USCB, 2006c. Selected Social Characteristics in the United States: 2006. 2006 American Community Survey, Pennsylvania, United States Census Bureau, Website: http://factfinder.census.gov/servlet/ADPTable?_bm=y&-state=adp&-context=adp&-qr_name=ACS_2006_EST_G00_DP2&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=false&-_caller=geoselect&-geo_id=04000US42&-format=&-_lang=en, Date accessed: August 4, 2009.

USCB, 2006d. ACS Demographic and Housing Estimates: 2006, Pennsylvania, United States Census Bureau, Website: http://factfinder.census.gov/servlet/ADPTable?_bm=y&-state=adp&-context=adp&-qr_name=ACS_2006_EST_G00_DP5&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=true&-_caller=geoselect&-geo_id=05000US42079&-format=&-_lang=en, Date accessed: August 4, 2009.

BBNPP COLA ER Section 5.8.2 will be revised as follows in a future revision of the COLA:

5.8.2.3 Employment and Income

As stated earlier, it is estimated that a total of 363 direct employees would be added to the onsite workforce to operate BBNPP, and a maximum of 690 indirect job opportunities would be created in the state assuming a worst-case scenario that all indirect jobs would be filled by new in-migrants rather than by existing unemployed or underemployed residents. As stated above, of this total an estimated 316 direct workers (87%) and 601 indirect workers would reside within the Luzerne and Columbia County region of influence. The 917 direct and indirect ROI jobs would result in a noticeable, but SMALL, impact to the area economy, representing a 0.5% increase in the 151,869 total labor force in Luzerne County in 2000 and the 32,403 total labor force in Columbia County (USCB, 2000b).

It is estimated that PPL Bell Bend, LLC would spend $28 million annually on salaries (in 2005 dollars, an average of $77,135/year/worker for direct labor, excluding benefits). The BBNPP estimated average annual salary is significantly greater (over 47% more) than the $52,370 mean earnings in Luzerne County in 2006 (USCB, 2006a) and 59% more than the $48,437 mean earnings in Columbia County (USCB, 2006b). If income is distributed similar to the direct workforce in-migration pattern, Luzerne County would experience an estimated $11.8 million increase in annual income and Columbia County would receive an estimated $12.5 million annually.

Assuming that the average indirect worker earned $17,870, which is the 2006 median of average annual income for service workers in selected occupations in the Scranton-Wilkes-Barre MSA (BLS, 2006), the 292 person indirect workforce migrating into Luzerne County would generate $5.2 million in annual income, and the 309 person indirect workforce migrating into Columbia County would generate $5.5 million in annual income. ~~Assuming that the indirect workforce would have annual salaries of $52,370 (based on the 2006 mean earnings in Luzerne County (USCB, 2006a), the 292 indirect workforce migrating into Luzerne County would generate over $15.3 million in income and the 309 indirect workforce migrating into Columbia County would generate $16.2 million in household income.~~ This additional income would result in additional expenditures and economic activity in the ROI. However, it would represent a small percentage of overall total income in the ROI. Thus, it is concluded that the impacts to employment and income would be SMALL, and would not require mitigation (USCB, 2006a).

5.8.2.8 References

BLS, 2006. May 2006 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates, Scranton-Wilkes-Barre, PA, Bureau of Labor Statistics, Website: http://www.bls.gov/oes/2006/may/oes_42540.htm, Date accessed August 3, 2009.

SE 4.4-8

ESRP 4.4.2

Summary: *Provide a revision of average annual salaries that includes overtime.*

Full Text: None

Response: For the BBNPP, overtime will be paid at 1.5 times the current rates for time over 40 hours per week. Approximately 60 hours per week will be allowed, which includes 40 hours at the regular rate and 20 hours at the overtime rate.

As shown in ER Section 4.4.2.5.2, the average salary for construction workers is $70,720 annually. This amounts to approximately $34.00 per hour per worker, excluding benefits. The total number of working hours in a year is 2,080 hours, or 40 hours for 52 weeks.

The overtime salary would amount to an average $51.00 per hour per worker, excluding benefits. If a worker were to compile 20 hours per week in overtime, an additional 1,040 hours for the year would be gained at the overtime rate. The earning for this overtime work is $53,040.

Therefore, a construction worker potentially could earn up to an average of $123,760.

The following table summarizes this information:

	Regular	Overtime	Total
Hours Per Week	40	20	60
Hours Per Year	2,080	1,040	3,120
Salary Per Hour	$34	$51	Not Applicable
Annual Salary	$70,720	$53,040	$123,760

Typically, concrete workers work 6 days a week at 10 hours per day, with 2 shifts. The turbine island steel erection requires a day shift only of 6 days per week at 10 hours per day. Other work is performed 4 days a week at 10 hours a day and 1 day a week at 8 hours a day, with 2 shifts.

COLA Impact:
BBNPP COLA ER Section 4.4.2.5.2 will be revised as follows in a future revision of the COLA:

4.4.2.5.2 Two-County Region of Influence

Direct construction workforce employment is already discussed in the demography section above. In addition to the 3,950 direct workforce, a peak of 954 indirect workforce jobs would be created in the ROI under the 20% scenario and 1,670 indirect jobs would be created under the 35% scenario (Table 4.4-7 and Table 4.4-8). This would result in a peak increase of 1,642 to 2,874 employed people in the ROI, depending upon the scenario selected. The peak increase in employment would range from 797 to 1,396 people in Luzerne County and 845 to 1,478 people in Columbia County. Unemployed or underemployed members of the

labor force could benefit from these increased employment opportunities, to the extent that they have the craft skills required (e.g., laborers, carpenters, electricians, plumbers, welders) and are hired as part of the construction workforce. These increases would result in a noticeable but small impact to the area economy, representing a maximum 0.9% increase in the 151,869 total labor force in Luzerne County in 2000 and 4.6% in the 32,403 total labor force in Columbia County (USCB, 2000).

It is estimated that the direct construction workforce would receive average salaries of $34.00/ hour/worker (two-thirds of the estimated $50 per hour, including benefits), or about $70,720 annually. This would result in an annual salary expenditure, for the peak construction workforce of 3,950 people, of $279.3 million. The average annual salary for the direct workforce would be significantly more than the $52,370 mean earnings in Luzerne County in 2006 and the $48,437 mean earnings in Columbia County. Based upon the peak 35% scenario immigration levels, Luzerne County would experience an estimated $41.4 million increase in annual income during peak construction and Columbia County would receive an estimated $43.8 million annually. The construction workforce also will have the opportunity to receive overtime pay at a rate of 1.5 times the wage rate for hours over 40 per week. As previously indicated, the average wage rate per hour is $34.00 per hour with an average annual salary of $70,720. This is based on the assumption of a 40 hour work week. The construction workforce has the potential to earn up to 20 hours per week in overtime pay. Over the course of one year, this would amount to an additional 1,040 hours of work. The average rate for overtime pay is $51.00 per hour. At this rate, a construction worker could earn an additional $53,040, or a total of $123,760 annually.

In addition, the working spouses of the direct construction workers, who filled indirect jobs created by the power plant, would contribute substantially to individual household incomes.

SE 4.4-10

ESRP 4.4.2

Summary: *Provide estimates of sales or income tax generated by the BBNPP construction workforce.*

Full Text: Several revenue streams to local jurisdictions will be generated through the construction of the BBNPP. Real estate, income, sales, and other tax receipts will also be generated through wages and salaries earned by the construction workforce and the homes they build or purchase. Provide estimates of these taxes to the region and to the proximate communities.

Response:

Annual Income Taxes

In 2006-2007, the actual statewide collections from personal income tax were $10,261.6 million (PDR, 2008). Based upon a 2006 statewide population of 12,440,621 (USCB, 2006a), this would amount to approximately $825 annually per person; or based upon the 2006 total number of households (4,845,603) (USCB, 2006b), $2,118 annually per household (USCB, 2006a and b).

As indicated in ER Tables 4.4-7 and 4.4-8, a peak of 3,950 direct construction employees will build the BBNPP. Under the 20% in-migration scenario, an estimated 688 workers and their families are expected to in-migrate into the ROI. Based upon this amount, approximately $1,457,184 will be generated annually in income taxes by the 688 households. Under the 35% in-migration scenario, an estimated 1,204 workers and their families are expected to in-migrate into the ROI. Based upon this amount, approximately $2,550,072 will be annually generated in income taxes by the 1,204 households.

Annual Sales Taxes

In 2006-2007, the actual collections from state sales tax were $8,590.8 million (PDR, 2008). Based upon a 2006 statewide population of 12,440,621, this would amount to approximately $690.54 annually per person; or based upon the 2006 total number of households (4,845,603), $1,773 annually per household (USCB, 2006a and b).

As indicated in ER Tables 4.4-7 and 4.4-8, a peak of 3,950 direct construction employees will build the BBNPP. Under the 20% in-migration scenario, an estimated 688 workers and their families are expected to in-migrate into the ROI. Based upon this amount, approximately $1,219,824 will be generated annually in sales taxes by the 688 households. Under the 35% in-migration scenario, an estimated 1,204 workers and their families are expected to in-migrate into the ROI. Based upon this amount, approximately $2,134,692 in sales taxes will be generated annually by the 1,204 households.

Annual Real Estate Taxes

Real estate taxes are collected by the individual counties. As shown in ER Section 4.4.2.6.2, PPL Susquehanna, LLC paid approximately $1.2 million in real estate taxes to Luzerne County and approximately $2.7 million in real estate taxes to the Berwick Area School District.

Real estate taxes from individual property owners can be estimated based upon current revenues generated in Luzerne County. As shown in ER Table 2.5-26, total county revenue generated from real estate taxes was $72,398,609. In 2006, the population estimate for Luzerne County was 313,020, as indicated in ER Table 2.5-4 (USCB, 2006c). The total number of households was 130,034 in 2006 (USCB, 2006d). Based upon the amount of revenue generated and the population, approximately $231.29 is generated annually per person or $556.77 annually per household.

As stated in ER Section 4.4.2.4, there is adequate existing vacant housing available to meet the needs of the assumed in-migrating construction workforce and their families. The owners of these units are already paying real estate taxes for these vacant units. Therefore, it is expected that no new real estate tax revenues would be generated by the in-migrating construction workforce for BBNPP.

However, if one were to assume that new potential in-migrants to Luzerne County were to occupy new homes, using the average of $556.77 of real estate taxes paid annually per household and 334 workers and their families (i.e., 334 households) under the 20% in-migration, approximately $185,961 will be generated annually in additional real estate taxes. Under the 35% in-migration to Luzerne County, using the average of $556.77 of real estate taxes paid per household and 585 workers and their families (i.e., 585 households), approximately $325,710 will be generated annually in additional real estate taxes.

Real estate taxes for the individuals can be estimated based upon current revenues generated in Columbia County. As shown in ER Table 2.5-27, total revenue generated from real estate taxes was $5,521,606. In 2006, the population estimate for Columbia County was 65,014, as indicated in ER Table 2.5-4 (USCB, 2006e). The total number of households was 25,302 in 2006 (USCB, 2006f). Based upon the amount of revenue generated and the population, approximately $84.93 is generated annually per person or $218.23 annually per household.

Using this amount for the 20% in-migration, approximately $74,569 will be generated annually by the workers moving into Columbia County (878 total people). As previously indicated, there is enough vacant housing to meet the in-migration needs, but if there were 354 workers and their families occupying new homes in Columbia County (i.e., 354 households), approximately $77,253 will be generated annually in additional real estate taxes.

Using this amount for the 35% in-migration, approximately $130,452 will be generated by the workers moving into Columbia County (1,536 total people). Once again, there is enough vacant housing to meet the in-migration needs, but if there were 619 workers and their families occupying new homes in Columbia County (i.e., 619 households), approximately $135,084 will be generated in additional real estate taxes.

The table shown below provides a summary of the information presented regarding potential annual income, sales, and real estate taxes for the 20% and 35% construction in-migration scenarios.

Potential Annual Income, Sales, and Real Estate Taxes Generated in the ROI During Construction

Taxes/Jurisdictions	20% In-Migration	35% In-Migration
Households		
Luzerne County	334	585
Columbia County	354	619
Total	688	1,204
Income Taxes		
Luzerne County	n/a	n/a
Columbia County	n/a	n/a
State Total	$1,457,184	$2,550,072
Sales Taxes		
Luzerne County	n/a	n/a
Columbia County	n/a	n/a
State Total	$1,219,824	$2,134,692
Real Estate Taxes*		
Luzerne County	$185,961	$325,710
Columbia County	$77,253	$135,084
State Total	n/a	n/a

* Assumes in-migrating workers occupy new homes

References cited in response:

BLS, 2006. Bureau of Labor Statistics (BLS), 2006. May 2006 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates. Scranton-Wilkes Barre, PA. Website accessed on August 3, 2009, http://www.bls.gov/oes/2006/may/oes_42540.htm.

PDR, 2008. Pennsylvania Department of Revenue (PDR), 2008. Commonwealth of Pennsylvania: 2008-2009 Budget in Brief. Website accessed on August 4, 2009, http://www.portal.state.pa.us/portal/server.pt?open=512&objID=4571&mode=2#2008-09.

USCB, 2006a. United States Census Bureau (USCB), 2006. ACS Demographic and Housing Estimates: 2006. Pennsylvania. Website accessed on August 4, 2009, http://factfinder.census.gov/servlet/ADPTable?_bm=y&-state=adp&-context=adp&-qr_name=ACS_2006_EST_G00_DP5&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=false&-_caller=geoselect&-geo_id=04000US42&-format=&-_lang=en.

USCB, 2006b. United States Census Bureau (USCB), 2006. Selected Social Characteristics in the United States: 2006. 2006 American Community Survey. Pennsylvania. Website accessed on August 4, 2009, http://factfinder.census.gov/servlet/ADPTable?_bm=y&-state=adp&-context=adp&-qr_name=ACS_2006_EST_G00_DP2&-

ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=false&-_caller=geoselect&-geo_id=04000US42&-format=&-_lang=en.

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USCB, 2006d. S1101- Households and Families. 2006 American Community Survey. Luzerne County, Pennsylvania. Website accessed on August 18, 2009, http://factfinder.census.gov/servlet/STTable?_bm=y&-context=st&-qr_name=ACS_2006_EST_G00_S1101&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=true&-_caller=geoselect&-geo_id=05000US42079&-format=&-_lang=en.

USCB, 2006e. United States Census Bureau (USCB), 2006. ACS Demographic and Housing Estimates: 2006. Columbia County, Pennsylvania. Website accessed on August 4, 2009, http://factfinder.census.gov/servlet/ADPTable?_bm=y&-state=adp&-context=adp&-qr_name=ACS_2006_EST_G00_DP5&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=true&-_caller=geoselect&-geo_id=05000US42037&-format=&-_lang=en.

USCB, 2006f. S1101- Households and Families. 2006 American Community Survey. Columbia County, Pennsylvania. Website accessed on August 18, 2009, http://factfinder.census.gov/servlet/STTable?_bm=y&-context=st&-qr_name=ACS_2006_EST_G00_S1101&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=true&-_caller=geoselect&-geo_id=05000US42037&-format=&-_lang=en.

COLA Impact:
BBNPP COLA ER Sections 4.4.2 and 4.4.3 will be revised as follows in a future revision of the COLA:

Note: *This text reflects changes made in response to BBNPP ER RAI SE 4.4-7 as well.*

4.4.2.2.1 Labor Force Availability and Potential Composition

There would be an estimated maximum 3,950-FTE person workforce constructing the BBNPP power plant from 2012 to 2018, representing a significant increase in the overall employment opportunities for construction workers. In comparison, Luzerne County had 8,164 construction jobs in 2006 and Columbia County had 2,134 construction jobs (USCB, ~~2006~~2006a). As shown in Table 4.4-3, this peak is estimated to last for about 12 months, from about the third quarter of the fourth year of construction through about the second quarter of the fifth year.

4.4.2.6.2 Two-County Region of Influence

In 2008, PPL Susquehanna, LLC, paid approximately $1.2 million in real estate taxes to Luzerne County for SSES Units 1 and 2 and surrounding properties. PPL Susquehanna, LLC, also paid approximately $2.7 million in real estate taxes to the Berwick School District. In 2008, PPL Bell Bend, LLC, will generate approximately $30,000 in total property taxes in its current, substantially undeveloped state. Based on a countywide property reassessment in 2008, the 2009 real estate taxes are expected to increase significantly on these properties. Additional real estate tax increases are expected once BBNPP secures the approvals for the required rezoning for the properties that will make up the BBNPP site. Taxes will also escalate during the time frame between the commencement of construction and commercial operation of the plant in 2018. Those increases will be based on the reassessed value determined by the County Assessor based on the percentage of work completed. It is anticipated that these reassessments will occur annually until construction is complete, at which time a final assessment will be determined. This total property tax paid during construction will represent a significant increase in revenues for Salem Township, the Berwick Area School District, and Luzerne Country.

These increased property tax revenues would either provide additional revenues for existing public facility and service needs or for new needs generated by the power plant and associated workforce. The increased revenues could also help to maintain or reduce future taxes paid by existing non-project related businesses and residents, to the extent that project-related payments provide tax revenues that exceed the public facility and service needs created by BBNPP. However, the payment of those taxes often lags behind the actual impacts to public facilities and services, or the time needed to plan for and provide the additional facilities or services. Thus, it is concluded that these increased power plant property tax revenues would be a LARGE economic benefit to Luzerne County.

Some additional real estate tax revenue will be generated from the in-migrating population of direct and indirect workers and their families. However, any increase in tax revenues is not expected to be significant, because the existing supply of vacant housing available to meet the needs of the in-migrating workers is anticipated to be adequate. As the existing owners of these housing units likely pay real estate taxes currently, the purchase or rental of these units by in-migrating workers will have little impact on overall real estate tax revenues within the ROI.

~~Additional state and local income taxes would be generated by the in-migrating residents, although the amount cannot be estimated because of the variability of investment income, retirement contributions, tax deductions taken, applicable tax brackets, and other factors. It is estimated that Luzerne County would experience a $41.4 million increase in annual wages from the direct workforce. Columbia County would experience an estimated annual increase of $43.8 million from the direct workforce. Relative to the existing total wages for the ROI, it is concluded that the potential increase in income taxes represent a SMALL economic benefit to the jurisdictions.~~

Additional state income taxes would be generated by the in-migrating residents. Although the amount cannot be accurately estimated because of the variability of investment income, retirement contributions, tax deductions taken, applicable tax brackets, and other factors, tax revenue data from the Pennsylvania Department of Revenue can be used to project potential tax revenue impacts within the ROI. In 2006, the Commonwealth of Pennsylvania collected $10,261.6 million in income taxes. Based on the 2006 total number of households (4,845,603), this amounts to approximately $2,118 annually per household. As indicated in Tables 4.4-7 and 4.4-8, a peak of 3,950 direct construction employees will build BBNPP. Under the 20% in-migration scenario, an estimated 688 workers and their families will locate within the ROI. Based upon this amount, approximately $1,457,184 will be generated annually in income taxes by the 688 households. Under the 35% in-migration scenario, an estimated 1,204 workers and their families will locate within the ROI. Therefore, approximately $2,550,072 will be generated annually in income taxes by the 1204 households.

As with the 50 mi (80 km) comparative geographic area, additional sales taxes also would be generated within the ROI by the power plant and the in-migrating residents. However, these purchases would be much smaller within the ROI. The amount of increased sales tax revenues generated by the in-migrating residents would depend upon their retail purchasing patterns, but would only represent a small benefit to this revenue stream for the Commonwealth of Pennsylvania. The amount of increased sales tax revenues generated by the in-migrating residents would depend upon their retail purchasing patterns, but would only represent a small benefit to this revenue stream for the Commonwealth of Pennsylvania. In 2006-2007, the state collected $8,590.8 million from sales tax (PDR, 2008). Based upon the 2006 total number of households (4,845,603), approximately $1,773 in sales taxes will be generated annually per household (USCB, 2006b and c). As indicated in Tables 4.4-7 and 4.4-8, a peak of 3,950 direct construction employees will build BBNPP. Under the 20% in-migration scenario, an estimated 688 workers and their families are expected to in-migrate into the ROI. Based upon this amount, approximately $1,219,824 in annual sales taxes will be generated by the 688 households. Under the 35% in-migration scenario, an estimated 1,204 workers and their families are expected to in-migrate into the ROI. Therefore, approximately $2,134,692 in annual sales taxes will be generated by the 1,204 households.

Additional income and sales tax also will be generated within the ROI by the 316 in-migrating operational personnel and their families during the last 4 years of construction and 601 indirect workers. Based upon the 2006 state income and sales tax collections, approximately $669,288 in annual income taxes and $560,268 in annual sales taxes will be generated by the in-migrating households of 316 direct workers; and approximately $495,612 in annual income taxes and $405,522 in annual sales taxes will be generated by the households of the 234 indirect workers that are noted in Table 5.8-2.

It is estimated that Luzerne County will experience a $41.4 million increase in annual wages from the direct construction workforce and $11.8 million from the direct operational workforce. Columbia County would experience an estimated annual increase of $43.8 million from the direct construction workforce and $12.5 million from the direct operational workforce. Relative to the existing total wages for the ROI, it is concluded that the potential increase in income taxes represent a SMALL economic benefit to the jurisdictions.

Overall, although all tax revenues generated by the BBNPP and the related workforce would be substantial, as described above, they would be relatively small compared to the overall tax base in the ROI. Thus, it is concluded that the overall beneficial impacts to tax revenues would be SMALL.

4.4.2.10 References

BLS, 2006. May 2006 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates, Scranton-Wilkes-Barre, PA, Bureau of Labor Statistics, Website: http://www.bls.gov/oes/2006/may/oes_42540.htm, Date accessed August 3, 2009.

PDR, 2008. Commonwealth of Pennsylvania: 2008-2009 Budget in Brief, Pennsylvania Department of Revenue, Website: http://www.portal.state.pa.us/portal/server.pt?open=512&objID=4571&mode=2#2008-09, Date accessed: August 4, 2009.

USCB, ~~2006~~2006a. American FactFinder 2006 American Community Survey: Economic Characteristics 2006, U.S. Census Bureau, Website: http://www.factfinder.census.gov.

USCB, 2006b. ACS Demographic and Housing Estimates: 2006, Pennsylvania, United States Census Bureau, Website: http://factfinder.census.gov/servlet/ADPTable?_bm=y&-state=adp&-context=adp&-qr_name=ACS_2006_EST_G00_DP5&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=false&-_caller=geoselect&-geo_id=04000US42&-format=&-_lang=en, Date accessed: August 4, 2009.

USCB, 2006c. Selected Social Characteristics in the United States: 2006. 2006 American Community Survey, Pennsylvania, United States Census Bureau, Website: http://factfinder.census.gov/servlet/ADPTable?_bm=y&-state=adp&-context=adp&-qr_name=ACS_2006_EST_G00_DP2&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=false&-_caller=geoselect&-geo_id=04000US42&-format=&-_lang=en, Date accessed: August 4, 2009.

USCB, 2006d. ACS Demographic and Housing Estimates: 2006, Pennsylvania, United States Census Bureau, Website: http://factfinder.census.gov/servlet/ADPTable?_bm=y&-state=adp&-context=adp&-qr_name=ACS_2006_EST_G00_DP5&-ds_name=ACS_2006_EST_G00_&-tree_id=306&-redoLog=true&-_caller=geoselect&-geo_id=05000US42079&-format=&-_lang=en, Date accessed: August 4, 2009.

SE 4.4-14

ESRP 4.4.2

Summary: *Please provide more discussion of the possible pathways associated with subsistence fishing activities and the impact of emissions from vehicles on minority and low-income workers.*

Full Text: None

Response:

Fishing

Low income and minority populations could be affected through the absorption of contaminated resources via drinking, food consumption, and inhalation. Subsistence farming, fishing and hunting may be contributing food sources. ER Section 2.5.4.3.3 identifies the locations within Luzerne and Columbia counties used for fishing. In Luzerne County, these areas include Harris Pond, Lily Lake, Mountain Springs Lake, Frances Slocum Lake, Frances E. Walter Reservoir, Moon Lake, Lake Frances, Nescopeck Creek, Lake Jean, and the Susquehanna River. In Columbia County Briar Creek Lake and the Susquehanna River are locations used for fishing. ER section 2.2.3 provides locations of state and local recreational and game lands potentially used for hunting.

Recreational/subsistence impacts from fishing and fish consumption, as described in ER Section 4.2.2.7, is typically attributable to the spill and/or discharge of chemical compounds into surface waters. Residual contaminants in sediment and fish often result in the establishment of consumption advisories for selected fish species. Currently, advisories for mercury and PCBs have been issued for sections of the Susquehanna River including Luzerne and Columbia Counties (PA DEP, 2009). Fish species covered by the advisory include smallmouth bass, suckers, catfish and carp. Potential impacts to aquatic resources could also occur from construction related turbidity in waterbodies to the extent that sediments are suspended or other contaminants are released.

Whether minority and low income populations are disproportionately affected by consumption of fish included in the advisories or affected by release of sediments can be implied from the distribution of anglers by minority class. No direct information was found discriminating between anglers along the Susquehanna River or in nearby lakes but in general, national angler survey data show that minority anglers represent only a small percentage of the population of sports persons. The U.S. Fish and Wildlife Service (USFWS, 2004) reported that subpopulations of anglers “participate at remarkably lower rates than the population as a whole for general fishing and freshwater fishing”. Of the subpopulations, women had the highest participation rate (8%), while African-American and Hispanics each had a participation rate of 7%. Comparable data for the Commonwealth of Pennsylvania were not available because the overall participation and reporting by minorities was so low (USFWS, 2008). Therefore, minority and low income populations are not expected to be disproportionately affected by consumption of fish in the vicinity of the proposed BBNPP site.

Emissions

Impacts from transportation emissions specific to one population group typically concern access to transportation and amount of traffic. Although impacts could be associated with job classes

who disproportionately work at certain activities that require use of vehicles on the job. Access related issues often include ability to get to jobs, better transit service, and clean vehicles. The lack of clean vehicles may be a cause of greater emissions in low income and minority groups; as at times, diesel buses travel through these areas at a greater rate than through others due to the need for this type of travel (CRCG, 2007). Whether minority and low income construction workers are disproportionately impacted can be ascertained from labor statistics. The U.S. Bureau of Labor Statistics (BLS, 2009) indicates that in 2008 the national construction workforce consisted of approximately 90% whites, 5.6% African-American and 1.6% Asian. The U.S. Census Bureau (USCB, 2009) data show that the distribution for these classes in the 2005-07 U.S. population estimates was 10.4% African American and 2.3% Asian. It is reasonable to assume that the workforce at BBNPP will be typical of that found nationally, and therefore, there will be no disproportionate impact to minority and low income workers.

Researchers have demonstrated that the primary association between emissions impacts and low-income/minority populations is the amount of vehicular traffic and distance of setbacks associated with either residences or facilities. These studies have shown that siting is an important consideration for residential areas and in particular, for facilities associated with children, such as for schools. Most often in urban areas, low-income and minority populations tend to be located in high traffic areas that do not have sufficient setbacks from the roadways (Green et. al., 2004 and Meng, et. al., 2006). Other studies show similar results (Finkelstein, et. al., 2004 and Kim, et. al., 2004). Given the relatively low occurrence of minority and low income in the vicinity of the proposed BBNPP site, these impacts are expected to be small or non-existent.

References cited in response:

CRCG, 2007. Capital Regional Council of Governments (CRCG), 2007. Capitol Region Transportation Plan. Environmental Justice Adopted April 25, 2007. Website accessed on August 10, 2009, http://www.crcog.org/transportation/regional_plan.html.

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PA DEP, 2009. Commonwealth of Pennsylvania 2009 Fish Consumption Public Health Advisory. Pennsylvania Department of Environmental Protection. Website accessed on August 14, 2009, http://www.depweb.state.pa.us/watersupply/cwp/view.asp?a=1261&q=453946.

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USFWS, 2004. Participation and Expenditure Patterns of African-American, Hispanic, and Female Hunters and Anglers. Report 2001-4. U.S. Fish and Wildlife Service.

USFWS, 2008. 2006 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation, Pennsylvania. Issued April 2008. FHW/06-PA. U.S. Fish and Wildlife Service. Department of the Interior.

COLA Impact:

The COLA will not be revised as a result of this response.

SE 5.8-1

ESRP 5.8.2

Summary: *Provide an assessment of local housing impacts that does not assume the indirect workforce in-migrates into the ROI.*

Full Text: None

Response: Assuming that all of the indirect workforce does not in-migrate, implies that indirect jobs would be taken by unemployed persons within the ROI. If this is the case, there is no impact on housing since these people already reside within the ROI and occupy existing housing. There is also no added impact if spouses of the incoming operations workforce take some of the jobs because they would already be residing there and counted among the households in-migrating.

COLA Impact:
The COLA will not be revised as a result of this response.

Enclosure 3

RAI H 2.3-1
Susquehanna River Withdrawal Data
(MS Excel & Portable Document Format)
Luzerne County Pennsylvania
(One Compact Disc)

	2007																	
	JAN	JAN	JAN	FEB	FEB	FEB	MAR	MAR	MAR	APR	APR	APR	MAY	MAY	MAY	JUNE	JUNE	JUNE
	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD
	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD
1	11,214,000	30,872,555	42,411,555	9,651,600	26,841,053	36,813,653	14,559,840	29,318,720	44,175,560	9,596,160	15,764,797	25,670,544	11,320,560	33,794,115	45,378,765	17,256,960	37,693,115	55,225,328
2	10,886,400	30,296,331	41,507,731	10,155,600	27,848,418	38,325,018	12,327,840	31,191,729	43,816,569	9,324,000	16,773,222	26,406,809	14,501,520	34,370,070	49,135,680	17,280,000	37,836,533	55,391,786
3	10,033,200	29,144,325	39,502,525	10,152,720	25,109,588	35,583,308	7,379,280	15,215,486	22,891,766	9,860,400	16,916,877	27,086,864	14,032,080	33,649,629	47,945,799	17,280,000	37,115,625	54,670,878
4	9,079,920	30,152,455	39,557,375	10,073,520	22,947,553	33,342,073	7,832,160	14,007,814	22,188,474	13,644,000	15,332,277	29,285,864	14,174,640	33,937,127	48,375,857	17,280,000	36,539,174	54,094,427
5	8,882,640	32,745,551	41,953,191	9,651,600	21,363,737	31,336,337	16,479,360	13,862,948	30,690,808	9,177,120	14,323,956	23,810,663	14,269,680	34,080,986	48,614,756	17,280,000	36,250,548	53,805,801
6	9,259,200	34,478,068	44,062,268	9,921,600	21,795,401	32,038,001	8,640,000	11,701,683	20,690,183	9,751,680	14,179,669	24,240,936	14,572,800	33,647,287	48,484,177	17,280,000	34,521,899	52,077,152
7	8,965,440	31,020,722	40,311,162	9,634,320	23,091,631	33,046,951	8,640,000	11,269,575	20,258,075	9,198,720	14,039,226	23,547,533	14,240,880	34,075,953	48,580,923	17,271,360	35,818,381	53,364,994
8	9,070,560	30,876,514	40,272,074	10,106,640	23,955,536	34,383,176	8,640,000	11,989,687	20,978,187	9,590,400	14,187,071	24,087,058	15,073,200	34,804,942	50,142,232	17,280,000	38,266,790	55,822,043
9	9,021,600	28,571,824	37,918,424	10,834,560	25,107,552	36,263,112	8,530,560	13,142,149	22,021,209	9,959,040	14,762,864	25,031,491	14,453,280	36,532,992	51,250,362	17,181,360	36,969,496	54,426,109
10	9,058,320	27,563,074	36,946,394	11,562,480	24,967,176	36,850,656	8,640,000	14,726,539	23,715,039	12,150,000	14,762,772	27,222,359	15,169,680	36,533,165	51,966,935	17,280,000	35,816,919	53,372,172
11	8,849,520	27,130,030	36,304,550	11,406,240	24,682,178	36,409,418	8,640,000	14,726,334	23,714,834	13,844,160	15,194,684	29,348,431	14,822,640	37,111,357	52,198,087	17,280,000	37,113,055	54,668,308
12	9,062,640	30,155,675	39,543,315	11,488,320	27,994,181	39,803,501	8,640,000	14,870,138	23,858,638	13,587,120	15,338,632	29,235,339	13,980,960	35,254,903	49,499,953	17,280,000	37,113,092	54,668,345
13	8,955,360	30,731,631	40,011,991	11,521,440	24,825,688	36,668,128	8,568,000	15,733,942	24,650,442	13,019,760	15,390,052	28,667,899	14,559,120	33,812,964	48,636,174	17,280,000	36,249,016	53,804,269
14	8,928,000	27,850,863	37,103,863	11,019,600	23,529,298	34,869,898	8,640,000	16,165,746	25,154,246	12,768,480	15,676,929	28,703,496	14,799,600	33,381,029	48,444,719	17,193,600	34,808,431	52,277,284
15	8,115,360	30,443,737	38,884,097	10,373,760	23,097,179	33,791,939	8,640,000	15,301,550	24,290,050	13,271,040	17,189,628	30,718,755	13,512,960	36,837,942	50,614,992	17,280,000	34,953,747	52,509,000
16	8,172,720	28,858,993	37,356,713	11,226,960	23,673,395	35,221,355	8,640,000	13,429,301	22,417,801	11,784,240	20,852,010	32,894,337	13,857,120	35,973,830	50,095,040	17,280,000	34,675,817	52,231,070
17	12,729,600	25,256,453	38,311,053	11,110,320	25,688,927	37,120,247	8,475,840	13,284,972	22,109,312	13,349,520	22,004,814	35,612,421	13,818,240	34,245,252	48,327,582	17,280,000	37,120,907	54,676,160
18	16,917,840	26,984,156	44,226,996	11,095,200	25,543,843	36,960,043	8,640,000	13,860,946	22,849,446	12,984,480	23,157,812	36,400,379	13,695,840	33,380,883	47,340,813	17,280,000	37,840,913	55,396,166
19	16,907,040	28,137,359	45,369,399	12,152,160	24,535,581	37,008,741	8,602,560	13,571,461	22,522,521	14,887,440	28,919,822	44,065,349	13,471,200	33,668,767	47,404,057	16,992,000	37,840,949	55,108,202
20	16,552,080	26,551,737	43,428,817	11,446,560	27,849,340	39,616,900	8,640,000	14,722,709	23,711,209	14,704,560	30,647,686	45,610,333	14,130,720	34,820,672	49,215,482	16,269,840	37,119,799	53,664,892
21	16,745,760	24,678,629	41,749,389	11,918,880	29,578,865	41,818,745	8,640,000	14,289,826	23,278,326	12,792,000	31,076,406	44,126,493	14,220,000	34,244,421	48,728,511	16,534,080	35,967,055	52,776,388
22	13,387,680	26,407,075	40,119,755	12,540,240	28,426,742	41,287,982	11,207,520	16,162,993	27,719,013	13,151,520	31,646,210	45,055,817	14,068,800	34,244,477	48,577,367	17,280,000	35,533,725	53,088,978
23	10,044,720	27,848,127	38,217,847	13,896,000	26,985,696	41,202,696	11,016,000	15,731,497	27,095,997	13,136,400	35,818,712	49,213,199	14,171,760	35,972,865	50,408,715	17,280,000	34,813,288	52,368,541
24	9,995,040	27,993,389	38,313,429	14,280,480	25,973,824	40,575,304	9,114,480	15,587,176	25,050,156	15,012,000	35,096,650	50,366,737	13,719,600	36,548,980	50,532,670	17,280,000	35,533,276	53,088,529
25	10,116,720	25,543,451	35,985,171	13,759,200	23,823,458	37,903,658	9,118,080	16,018,886	25,485,466	17,028,000	31,928,121	49,214,208	12,522,960	37,129,783	49,916,833	17,280,000	36,973,628	54,528,881
26	9,738,720	22,806,658	32,870,378	13,003,200	27,545,035	40,869,235	9,114,480	16,162,575	25,625,555	16,653,600	32,792,276	49,703,963	12,345,840	36,986,085	49,596,015	17,280,000	38,414,033	55,969,286
27	9,928,800	26,550,876	36,804,676	12,562,560	28,843,064	41,726,624	9,278,640	17,458,447	27,085,587	17,280,000	33,238,722	50,776,809	13,877,280	37,417,870	51,559,240	17,280,000	37,981,807	55,537,060
28	9,701,280	27,127,402	37,153,682	14,693,040	28,856,617	43,870,657	11,471,760	16,592,972	28,413,232	17,004,240	33,824,658	51,086,985	16,693,200	37,273,597	54,230,887	16,580,160	36,829,603	53,685,016
29	9,820,800	25,110,182	35,255,982				8,640,000	15,440,586	24,429,086	16,963,200	34,831,774	52,053,061	17,011,440	35,689,198	52,964,728	17,148,960	36,252,847	53,677,060
30	9,581,040	25,542,190	35,448,230				9,241,440	15,872,283	25,462,223	15,762,960	35,096,339	51,117,386	17,220,960	36,409,324	53,894,374	17,208,000	36,108,174	53,591,427
31	9,699,120	25,110,203	35,134,323				9,464,400	16,159,499	25,972,399				16,945,200	37,560,653	54,769,943			

LEGEND
CTBD- cooling tower blowdown
CU- consumptive use
WD- withdrawal
GPD- gallons per day

	2008																	
	JAN	JAN	JAN	FEB	FEB	FEB	MAR	MAR	MAR	APR	APR	APR	MAY	MAY	MAY	JUNE	JUNE	JUNE
	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD
	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD
1	7,963,200	29,136,288	37,424,488	13,910,400	28,700,860	42,932,260	11,412,000	28,150,640	39,859,640	10,137,600	17,509,612	27,947,279	14,663,520	32,473,965	47,422,879	17,280,000	37,684,057	55,243,204
2	7,621,920	25,821,774	33,768,694	13,909,680	28,412,426	42,643,106	11,636,640	27,862,223	39,795,863	10,839,600	15,348,734	26,488,401	15,215,040	34,345,954	49,846,388	17,280,000	36,963,439	54,522,586
3	9,905,760	23,372,534	33,603,294	13,167,360	26,971,304	40,459,664	12,270,240	30,455,188	43,022,428	9,486,720	15,060,691	24,847,478	15,953,040	33,912,682	50,151,116	17,280,000	37,251,046	54,810,193
4	9,748,080	25,389,002	35,462,082	10,962,000	28,556,086	39,839,086	12,448,080	20,611,236	33,407,816	10,894,320	15,349,058	26,543,445	15,552,000	34,920,528	50,757,922	17,280,000	36,674,879	54,234,026
5	8,389,440	27,549,210	36,263,650	9,696,240	30,284,698	40,301,938	10,363,680	20,611,137	31,323,317	8,414,640	15,637,038	24,351,745	16,092,000	32,040,288	48,417,682	17,264,880	38,259,247	55,803,274
6	8,040,240	29,853,788	38,219,028	10,011,600	31,869,342	42,201,942	10,725,840	19,458,860	30,533,200	10,252,800	16,069,088	26,621,955	16,280,640	34,643,945	51,209,979	17,280,000	39,123,504	56,682,651
7	8,531,280	31,726,674	40,582,954	9,701,280	30,283,834	40,306,114	10,162,080	19,890,836	30,401,416	10,800,000	15,637,155	26,737,222	13,457,520	36,667,605	50,410,519	17,280,000	39,843,677	57,402,824
8	8,102,880	32,590,500	41,018,380	13,392,000	28,122,455	41,835,455	8,208,000	20,034,917	28,591,417	10,807,200	16,501,341	27,608,608	15,481,440	37,099,300	52,866,134	17,280,000	40,131,706	57,690,853
9	8,451,360	33,165,812	41,942,172	17,280,000	27,833,778	45,434,778	8,640,000	17,277,018	26,265,518	10,697,760	16,933,706	27,931,533	15,302,160	33,641,946	49,229,500	17,280,000	34,657,219	52,216,366
10	8,484,480	29,564,593	38,374,073	15,909,120	26,104,438	42,334,558	8,136,000	14,146,849	22,631,349	7,822,800	17,221,664	25,344,531	15,588,000	33,354,065	49,227,459	17,159,760	32,641,626	50,080,533
11	8,418,240	30,572,559	39,315,799	16,910,640	22,213,831	39,445,471	8,640,000	14,435,637	23,424,137	11,080,800	17,653,860	29,034,727	15,181,920	34,217,561	49,684,875	16,236,720	38,547,099	55,062,966
12	8,339,760	29,995,511	38,660,271	16,930,080	23,654,042	40,905,122	8,424,000	14,580,141	23,352,641	11,455,200	17,798,002	29,553,269	15,738,480	33,352,461	49,376,335	16,220,880	38,402,758	54,902,785
13	6,811,200	27,548,128	34,684,328	17,120,880	27,688,922	45,130,802	5,297,040	14,723,940	20,369,480	11,161,440	15,781,389	27,242,896	14,433,120	34,648,791	49,367,305	17,280,000	39,410,361	56,969,508
14	8,277,840	28,556,306	37,159,146	16,920,000	26,534,699	43,775,699	7,272,000	15,588,304	23,208,804	11,163,600	15,493,262	26,956,929	14,364,720	35,800,830	50,450,944	17,280,000	39,697,796	57,256,943
15	8,308,800	27,692,089	36,325,889	15,410,160	26,679,970	42,411,130	8,352,000	15,732,258	24,432,758	11,144,160	15,688,905	27,081,632	15,261,120	35,944,612	51,491,126	17,280,000	38,977,162	56,536,309
16	8,233,200	27,692,145	36,250,345	14,031,360	25,388,825	39,741,185	8,640,000	14,867,911	23,856,411	11,049,840	16,408,983	27,707,390	15,233,760	32,917,998	48,437,152	17,280,000	37,536,456	55,095,603
17	8,272,080	27,114,831	35,711,911	14,256,000	26,686,391	41,263,391	8,640,000	14,723,808	23,712,308	11,581,920	18,610,379	30,440,866	15,328,800	30,915,730	46,529,924	17,280,000	36,384,453	53,943,600
18	8,439,120	28,411,912	37,176,032	15,460,560	31,872,350	47,653,910	8,640,000	14,868,080	23,856,580	11,874,960	27,910,193	40,033,720	15,300,720	31,775,566	47,361,680	17,064,000	35,808,480	53,151,627
19	8,740,800	26,968,809	36,034,609	17,117,280	27,694,957	45,133,237	8,582,400	15,876,902	24,807,802	11,329,920	32,533,094	44,111,581	15,307,920	33,072,125	48,665,439	17,280,000	36,097,475	53,656,622
20	8,609,760	23,943,122	32,877,882	16,296,480	25,388,641	42,006,121	6,778,080	15,156,480	22,283,060	11,077,200	32,530,550	43,856,317	14,316,480	31,920,252	46,522,126	17,280,000	36,385,697	53,944,844
21	9,397,440	23,366,817	33,089,257	17,059,680	25,244,376	42,625,056	6,932,880	14,868,172	22,149,552	11,895,840	32,797,809	44,942,216	13,842,000	33,504,236	47,631,630	17,202,240	36,960,613	54,442,000
22	9,466,560	26,679,555	36,471,115	17,015,040	26,108,740	43,444,780	8,640,000	14,868,142	23,856,642	12,700,800	33,228,863	46,178,230	13,738,320	33,360,205	47,383,919	17,191,440	35,665,430	53,136,017
23	9,925,920	27,400,045	37,650,965	16,830,720	26,972,602	44,124,322	7,748,160	14,580,046	22,676,706	14,055,840	33,228,548	47,532,955	14,256,000	35,088,365	49,629,759	17,280,000	38,112,988	55,672,135
24	9,603,360	25,671,286	35,599,646	16,994,880	25,389,359	42,705,239	7,992,000	14,436,179	22,776,679	15,174,000	34,236,528	49,659,095	13,664,160	35,231,822	49,181,376	17,083,440	37,536,799	54,899,386
25	9,164,880	25,527,311	35,017,191	17,280,000	26,974,135	44,575,135	8,640,000	14,724,192	23,712,692	15,190,560	35,694,773	51,133,900	13,566,960	35,375,508	49,227,862	17,007,840	37,536,751	54,823,738
26	9,151,200	26,391,120	35,867,320	16,948,800	28,127,371	45,397,171	8,421,840	16,020,690	24,791,030	15,372,720	35,407,705	51,028,992	13,422,240	37,535,914	51,243,548	17,030,880	38,400,807	55,710,834
27	8,668,800	27,399,898	36,393,698	16,660,080	27,262,595	44,243,675	8,640,000	14,868,256	23,856,756	14,989,680	32,530,993	47,769,240	14,360,400	38,255,756	52,901,550	17,226,000	38,831,560	56,336,707
28	8,481,600	26,391,831	35,198,431	12,800,880	23,948,551	37,070,431	8,640,000	15,156,285	24,144,785	14,793,840	32,946,167	47,988,574	15,890,400	35,230,889	51,406,683	16,919,280	38,979,889	56,178,316
29	8,762,400	27,256,347	36,343,747	11,389,680	24,812,332	36,523,012	7,004,160	14,435,866	21,788,526	14,278,320	32,367,233	46,894,120	17,280,000	35,087,026	52,652,420	17,280,000	35,669,651	53,228,798
30	11,574,000	29,129,205	41,028,205				8,640,000	14,723,719	23,712,219	15,236,640	31,215,096	46,700,303	17,280,000	36,670,335	54,235,729	17,152,560	37,973,526	55,405,233
31	13,428,000	27,111,202	40,864,202				11,556,000	15,300,216	27,204,716				17,280,000	38,398,360	55,963,754			

LEGEND
CTBD- cooling tower blowdown
CU- consumptive use
WD- withdrawal
GPD- gallons per day

	2009																	
	JAN	JAN	JAN	FEB	FEB	FEB	MAR	MAR	MAR	APR	APR	APR	MAY	MAY	MAY	JUNE	JUNE	JUNE
	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD
	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD
1	16,687,440	24,946,426	41,958,866	11,021,040	28,840,902	40,182,942	11,099,520	28,579,661	39,976,181	9,696,960	31,776,745	41,736,245	10,800,000	18,790,696	29,902,673	10,872,000	37,549,776	48,690,076
2	14,286,240	28,547,258	43,158,498	11,013,120	28,567,767	39,901,887	10,623,600	25,266,082	36,186,682	9,429,840	31,201,395	40,893,775	12,672,000	18,934,227	31,918,204	12,132,000	37,261,865	49,662,165
3	10,240,560	27,078,473	37,644,033	11,414,880	27,700,325	39,436,205	9,401,760	25,266,097	34,964,857	9,622,800	33,217,627	43,102,967	13,316,400	18,357,942	31,986,319	13,722,480	37,837,014	51,827,794
4	8,357,280	27,086,901	35,769,181	11,296,080	25,972,900	37,589,980	8,991,360	26,851,226	36,139,586	9,509,040	33,072,630	42,844,210	13,818,240	17,637,944	31,768,161	8,256,960	36,396,799	44,922,059
5	8,352,000	30,428,080	39,105,080	11,148,480	23,524,557	34,994,037	9,722,880	29,155,814	39,175,694	10,152,000	29,760,386	40,174,926	10,504,800	17,781,951	28,598,728	8,698,320	37,548,442	46,515,062
6	8,457,840	27,691,784	36,474,624	11,540,880	26,117,053	37,978,933	8,794,800	34,053,257	43,145,057	11,221,920	31,053,306	42,537,766	10,578,240	17,926,087	28,816,304	10,059,840	36,683,440	47,011,580
7	9,164,160	28,988,222	38,477,382	12,353,040	28,853,688	41,527,728	8,840,160	34,917,264	44,054,424	12,528,000	17,487,438	30,329,478	10,604,880	18,358,122	29,274,979	9,127,440	38,698,242	48,093,982
8	9,201,600	28,555,804	38,082,404	13,248,000	32,742,345	46,311,345	8,874,000	34,052,584	43,223,584	10,574,640	15,755,981	26,644,661	10,470,960	19,078,129	29,861,066	11,970,720	39,273,953	51,512,973
9	9,018,000	27,258,635	36,601,635	13,347,360	29,717,900	43,386,260	8,827,200	32,324,119	41,448,319	12,240,000	14,452,520	27,006,560	8,624,880	19,078,157	28,015,014	17,280,000	40,138,145	57,686,445
10	8,932,320	25,817,312	35,074,632	11,460,960	30,294,182	42,076,142	9,072,000	30,882,855	40,251,855	8,640,000	16,907,600	25,861,640	10,474,560	19,653,369	30,439,906	16,704,000	40,138,135	57,110,435
11	8,784,000	26,680,990	35,789,990	12,287,520	33,463,216	46,071,736	10,740,960	33,041,676	44,079,636	6,989,040	17,062,826	24,365,906	10,247,760	18,789,479	29,349,216	12,384,000	39,561,984	52,214,284
12	8,848,800	25,240,674	34,414,474	11,805,120	32,741,511	44,867,631	12,499,920	29,296,032	42,092,952	5,904,000	17,062,218	23,280,258	8,617,680	17,925,515	26,855,172	14,976,000	38,986,203	54,230,503
13	9,072,000	27,977,331	37,374,331	11,900,880	30,723,323	42,945,203	12,517,920	29,007,478	41,822,398	4,842,000	16,342,289	21,498,329	10,321,200	17,925,516	28,558,693	15,984,000	39,562,312	55,814,612
14	8,961,840	24,087,667	33,374,507	12,057,120	28,560,529	40,938,649	12,309,120	30,591,365	43,197,485	4,628,880	16,774,397	21,717,317	8,513,280	18,628,923	27,454,180	15,984,000	35,527,286	51,779,586
15	10,211,760	23,511,669	34,048,429	11,220,480	28,270,142	39,811,622	12,240,000	32,175,008	44,712,008	4,729,680	16,918,426	21,962,146	10,245,600	18,482,255	29,039,832	15,984,000	39,272,230	55,524,530
16	7,864,560	20,631,037	28,820,597	12,792,240	27,260,721	40,373,961	11,869,200	31,310,996	43,477,196	4,619,520	17,062,452	21,996,012	11,794,320	34,605,982	46,679,779	15,120,000	39,271,997	54,660,297
17	7,058,880	20,486,232	27,870,112	12,859,920	27,117,488	40,298,408	11,145,600	32,895,148	44,337,748	4,519,440	17,494,314	22,327,794	12,639,600	33,157,800	46,076,877	16,272,000	37,831,934	54,372,234
18	7,575,840	25,958,781	33,859,621	12,807,360	28,270,440	41,398,800	9,861,120	33,039,808	43,197,928	4,269,600	18,069,849	22,653,489	13,140,000	31,141,055	44,560,532	17,123,760	37,838,931	55,230,991
19	7,661,520	25,958,966	33,945,486	12,600,000	29,134,454	42,055,454	9,330,480	31,743,113	41,370,593	4,392,000	18,933,369	23,639,409	14,748,480	34,957,948	49,985,905	16,920,000	38,414,861	55,603,161
20	8,514,720	23,654,718	32,494,438	12,487,680	26,828,513	39,637,193	9,124,560	29,726,570	39,148,130	5,775,840	18,500,930	24,590,810	12,443,040	35,532,518	48,255,035	14,461,440	38,989,324	53,719,064
21	8,040,960	24,662,902	33,028,862	12,744,000	28,556,785	41,621,785	9,345,600	28,861,781	38,504,381	7,200,000	17,061,358	24,575,398	11,019,600	38,123,590	49,422,667	15,220,800	38,411,847	53,900,947
22	7,675,200	26,680,310	34,680,510	12,579,840	29,709,505	42,610,345	9,770,400	29,438,230	39,505,630	6,076,800	17,493,326	23,884,166	10,551,600	39,275,640	50,106,717	14,675,280	39,563,469	54,507,049
23	8,124,480	28,265,830	36,715,310	12,560,400	27,691,639	40,573,039	9,648,000	28,717,110	38,662,110	6,168,960	17,205,275	23,688,275	11,157,120	39,563,939	51,000,536	12,072,240	40,427,301	52,767,841
24	8,742,960	28,120,599	37,188,559	12,085,200	26,971,936	39,378,136	9,504,000	28,429,072	38,230,072	5,839,200	17,349,680	23,502,920	11,313,360	39,564,673	51,157,510	16,452,000	39,851,324	56,571,624
25	9,144,000	21,781,944	31,250,944	11,412,000	28,845,165	40,578,165	9,561,600	30,446,195	40,304,795	7,048,800	18,357,638	25,720,478	11,453,760	39,276,276	51,009,513	17,280,000	40,427,066	57,975,366
26	9,072,000	23,942,565	33,339,565	11,584,800	31,870,125	43,775,925	10,008,000	30,734,373	41,039,373	8,640,000	19,941,385	28,895,425	12,466,800	38,985,783	51,732,060	17,280,000	40,711,276	58,259,576
27	9,009,360	26,534,744	35,869,104	11,697,840	33,598,568	45,617,408	9,820,800	32,174,891	42,292,691	8,640,000	20,517,415	29,471,455	12,153,600	36,102,372	48,535,449	17,280,000	35,382,854	52,931,154
28	9,095,760	27,832,152	37,252,912	11,116,080	28,556,675	39,993,755	9,805,680	32,894,820	42,997,500	12,960,000	20,804,970	34,079,010	11,842,560	36,389,743	48,511,780	17,280,000	39,131,062	56,679,362
29	9,612,000	26,966,991	36,903,991				9,761,760	32,318,781	42,377,541	10,296,000	20,228,355	30,838,395	11,666,880	38,117,172	50,063,529	17,280,000	39,130,184	56,678,484
30	10,632,240	27,399,440	38,356,680				9,588,240	30,446,122	40,331,362	11,808,000	18,644,340	30,766,380	11,794,320	38,115,676	50,189,473	17,280,000	39,705,575	57,253,875
31	10,883,520	25,238,487	36,447,007				9,485,280	31,742,385	41,524,665				10,013,040	37,826,341	48,118,858			

LEGEND
CTBD- cooling tower blowdown
CU- consumptive use
WD- withdrawal
GPD- gallons per day

2007	CONTINUED																	
JUL	JUL	JUL	AUG	AUG	AUG	SEP	SEP	SEP	OCT	OCT	OCT	NOV	NOV	NOV	DEC	DEC	DEC
CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD	CTBD	Total CU	Susq. River WD
GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD	GPD
17,208,000	35,080,280	52,582,912	17,280,000	38,121,564	55,676,738	17,280,000	35,853,554	53,406,707	17,280,000	35,875,085	53,396,343	17,280,000	30,170,365	47,756,365	13,060,800	27,251,737	40,633,537
17,104,320	34,360,713	51,759,665	17,280,000	38,841,684	56,396,858	17,280,000	35,142,677	52,695,830	17,085,600	36,168,017	53,494,875	16,515,360	29,737,911	46,559,271	11,743,920	25,681,810	37,746,730
17,193,600	35,700,367	53,188,599	17,280,000	38,841,705	56,396,879	17,280,000	36,576,194	54,129,347	17,280,000	36,749,113	54,270,371	15,886,080	30,889,371	47,081,451	10,318,320	28,564,276	39,203,596
17,259,840	36,117,052	53,671,524	17,280,000	38,697,229	56,252,403	10,440,000	36,574,470	47,287,623	17,064,000	37,174,540	54,479,798	13,934,880	30,451,834	44,692,714	10,368,000	27,267,457	37,956,457
17,280,000	36,828,936	54,403,568	17,280,000	37,832,808	55,387,982	12,500,640	36,724,327	49,498,120	17,064,000	37,022,740	54,327,998	15,130,800	31,012,241	46,449,041	7,193,520	25,969,263	33,483,783
17,089,200	36,827,382	54,211,214	17,280,000	38,121,593	55,676,767	14,060,880	37,437,969	51,772,002	17,280,000	36,732,845	54,254,103	11,815,200	31,156,065	43,277,265	7,952,400	24,528,501	32,801,901
17,280,000	36,961,505	54,536,137	17,280,000	38,409,668	55,964,842	13,272,480	38,574,011	52,119,644	17,280,000	36,731,163	54,252,421	12,480,480	30,003,914	42,790,394	7,828,560	25,681,213	33,830,773
17,280,000	37,960,104	55,534,736	17,280,000	39,561,660	57,116,834	10,191,600	38,141,997	48,606,750	17,280,000	37,307,526	54,828,784	12,111,840	27,843,843	40,261,683	7,449,120	27,841,922	35,612,042
17,280,000	38,968,178	56,542,810	17,280,000	38,120,492	55,675,666	14,184,000	37,838,777	52,295,930	17,280,000	37,595,231	55,116,489	10,971,360	28,276,081	39,553,441	7,500,960	27,553,852	35,375,812
17,280,000	39,111,990	56,686,622	17,280,000	36,679,377	54,234,551	14,832,000	37,257,053	52,362,206	17,230,320	36,153,881	53,625,459	9,750,240	28,708,078	38,764,318	7,133,760	28,130,195	35,584,955
17,280,000	37,960,001	55,534,633	17,280,000	36,678,565	54,233,739	15,264,000	36,537,112	52,074,265	17,280,000	33,715,214	51,236,472	11,163,600	28,142,670	39,612,270	6,652,080	28,562,373	35,535,453
17,280,000	36,807,035	54,381,667	17,280,000	37,110,548	54,665,722	15,876,000	35,684,064	51,833,217	17,280,000	31,849,723	49,370,981	9,771,120	30,455,529	40,532,649	6,557,760	30,002,497	36,881,257
17,280,000	35,943,201	53,517,833	17,280,000	37,830,559	55,385,733	15,984,000	34,982,600	51,239,753	14,688,000	20,777,289	35,762,047	10,010,880	31,734,464	42,051,344	7,805,520	27,410,146	35,536,666
17,280,000	36,374,672	53,949,304	17,280,000	36,102,149	53,657,323	15,984,000	36,267,522	52,524,675	6,576,480	20,921,118	27,794,356	10,299,600	31,301,366	41,906,966	9,802,080	28,561,428	38,684,508
17,280,000	37,238,725	54,813,357	17,280,000	36,822,405	54,377,579	15,147,360	34,688,526	50,109,039	10,948,800	21,928,842	33,174,400	11,304,720	30,868,808	42,479,528	10,828,800	26,830,582	37,980,382
17,280,000	37,670,714	55,245,346	17,280,000	37,974,725	55,529,899	16,128,000	32,519,303	48,920,456	10,992,240	22,505,735	33,794,733	13,086,720	30,011,722	43,404,442	8,056,800	27,695,594	36,073,394
17,280,000	37,814,974	55,389,606	17,280,000	37,541,991	55,097,165	16,128,000	32,953,703	49,354,856	10,856,880	23,084,302	34,237,940	12,772,800	29,016,420	42,095,220	8,046,720	27,117,478	35,485,198
17,280,000	37,094,885	54,669,517	17,280,000	36,273,037	53,828,211	16,128,000	33,964,102	50,365,255	10,502,640	23,930,721	34,730,119	11,478,240	27,431,244	39,215,484	7,387,200	26,541,806	34,250,006
17,280,000	37,095,015	54,669,647	17,280,000	34,991,014	52,546,188	13,680,000	34,688,848	48,642,001	11,874,960	24,217,404	36,389,122	7,903,440	28,151,252	36,360,692	6,947,280	27,407,268	34,675,548
17,280,000	36,950,710	54,525,342	17,280,000	34,838,816	52,393,990	14,184,000	35,568,399	50,025,552	11,741,040	22,633,001	34,670,799	7,624,080	29,879,280	37,809,360	6,715,440	28,128,344	35,164,784
17,280,000	36,230,369	53,805,001	17,280,000	34,264,580	51,819,754	17,280,000	36,423,036	53,976,189	11,980,080	22,200,703	34,477,541	9,666,000	32,039,977	42,011,977	6,378,480	28,128,200	34,827,680
16,825,680	36,669,545	53,789,857	17,280,000	34,988,809	52,543,983	17,280,000	37,422,953	54,976,106	12,774,240	22,921,057	35,992,055	8,195,760	33,767,643	42,269,403	6,379,920	29,282,397	35,983,317
16,518,960	34,969,153	51,782,745	17,280,000	36,713,525	54,268,699	17,280,000	36,135,624	53,688,777	12,817,440	23,929,284	37,043,482	7,914,240	28,582,195	36,802,435	7,515,360	31,875,139	39,711,499
16,493,040	36,260,551	53,048,223	17,280,000	37,999,984	55,555,158	13,026,960	35,431,760	48,731,873	9,362,160	21,912,998	31,571,916	7,945,200	26,851,934	35,103,134	8,354,880	29,426,180	38,102,060
17,280,000	37,697,034	55,271,666	17,280,000	38,702,549	56,257,723	13,307,040	36,580,090	50,160,283	8,780,400	22,056,906	31,134,064	7,084,800	28,292,051	35,682,851	12,204,000	28,561,411	41,086,411
17,280,000	37,546,735	55,121,367	17,280,000	36,103,464	53,658,638	14,040,000	37,578,115	51,891,268	9,359,280	22,056,681	31,712,719	6,084,000	30,308,667	36,698,667	12,384,000	27,264,411	39,969,411
17,280,000	37,257,887	54,832,519	17,280,000	36,536,210	54,091,384	17,280,000	37,419,861	54,973,014	14,041,440	22,776,930	37,115,128	6,688,800	31,729,883	38,724,683	13,392,000	28,848,858	42,561,858
17,280,000	37,673,725	55,248,357	17,244,000	37,112,104	54,631,278	17,280,000	35,977,697	53,530,850	12,773,520	21,392,351	34,407,129	7,135,920	29,423,670	36,865,590	14,328,000	30,288,496	44,937,496
17,280,000	37,238,031	54,812,663	17,280,000	37,543,996	55,099,170	17,280,000	35,419,015	52,972,168	9,082,800	19,664,321	28,988,379	8,312,400	30,575,186	39,193,586	14,328,000	30,288,033	44,937,033
17,280,000	37,814,033	55,388,665	17,280,000	37,688,536	55,243,710	17,280,000	34,702,071	52,255,224	10,686,960	20,827,284	31,755,502	11,565,360	28,558,640	40,430,000	12,306,960	26,978,883	39,606,843
17,280,000	37,669,813	55,244,445	17,280,000	37,111,728	54,666,902				12,205,440	23,446,023	35,892,721				9,055,440	27,988,135	37,364,575

LEGEND
CTBD- cooling tower blowdown
CU- consumptive use
WD- withdrawal
GPD- gallons per day

2008 CONTINUED

JUL CTBD GPD	JUL Total CU GPD	JUL Susq. River WD GPD	AUG CTBD GPD	AUG Total CU GPD	AUG Susq. River WD GPD	SEP CTBD GPD	SEP Total CU GPD	SEP Susq. River WD GPD	OCT CTBD GPD	OCT Total CU GPD	OCT Susq. River WD GPD	NOV CTBD GPD	NOV Total CU GPD	NOV Susq. River WD GPD	DEC CTBD GPD	DEC Total CU GPD	DEC Susq. River WD GPD
17,241,120	37,667,389	55,205,793	17,280,000	38,963,221	56,540,673	17,280,000	37,251,349	54,805,322	16,216,560	35,277,226	51,752,715	15,768,000	30,417,551	46,491,551	11,214,720	31,434,888	42,970,608
17,209,440	37,810,975	55,317,699	17,280,000	38,098,807	55,676,259	17,280,000	38,114,808	55,668,781	16,263,360	34,269,852	50,792,141	15,712,560	32,014,684	48,033,244	11,296,800	29,993,817	41,611,617
17,238,240	37,810,964	55,346,488	17,280,000	38,242,796	55,820,248	17,280,000	38,402,610	55,956,583	16,336,080	33,687,819	50,282,828	15,285,600	31,006,335	46,597,935	11,425,680	29,417,349	41,164,029
17,234,640	33,632,970	51,164,894	17,280,000	38,528,802	56,106,254	17,280,000	39,266,634	56,820,607	15,839,280	32,817,365	48,915,574	16,416,000	33,887,089	50,609,089	11,160,720	30,569,952	42,051,672
17,280,000	36,082,065	53,659,349	17,280,000	38,817,897	56,395,349	17,280,000	40,562,710	58,116,683	16,042,320	34,255,499	50,556,748	16,171,200	35,327,275	51,804,475	11,448,000	28,120,867	39,889,867
17,087,760	38,674,315	56,059,359	17,280,000	39,250,147	56,827,599	17,280,000	37,682,997	55,236,970	16,812,720	33,822,727	50,894,376	16,488,000	36,191,404	52,985,404	12,716,640	24,085,888	37,123,528
17,280,000	39,106,654	56,683,938	17,280,000	37,810,486	55,387,938	17,280,000	36,098,623	53,652,596	17,064,000	32,373,326	49,696,255	16,704,000	35,615,192	52,625,192	14,102,640	25,385,211	39,808,851
17,280,000	39,682,811	57,260,095	17,280,000	36,946,643	54,524,095	17,280,000	37,250,690	54,804,663	16,135,200	34,238,885	50,633,014	16,908,480	32,849,245	50,063,725	11,960,640	25,824,691	38,106,331
14,407,200	38,530,616	53,235,100	17,280,000	36,946,448	54,523,900	8,340,000	37,826,186	46,440,159	15,251,040	36,679,815	52,189,784	16,437,600	32,716,383	49,459,983	9,854,640	30,866,922	41,042,562
17,280,000	38,242,009	55,819,293	17,280,000	36,369,841	53,947,293	17,280,000	35,953,974	53,507,947	15,281,280	34,796,009	50,336,218	15,876,000	31,708,559	47,890,559	11,070,720	32,739,935	44,131,655
17,085,600	38,098,087	55,480,971	17,280,000	35,649,919	53,227,371	17,280,000	37,393,637	54,947,610	14,690,160	34,651,782	49,600,871	14,960,160	31,132,147	46,398,307	11,359,440	28,850,651	40,531,091
17,280,000	39,682,322	57,259,606	17,280,000	37,810,154	55,387,606	17,280,000	37,564,208	55,118,181	15,066,720	35,083,769	50,409,418	14,768,640	31,420,063	46,494,703	11,166,480	29,426,369	40,913,849
17,280,000	39,537,856	57,115,140	17,280,000	37,377,688	54,955,140	17,280,000	38,430,840	55,984,813	15,770,160	35,083,909	51,112,998	15,422,400	32,592,766	48,321,166	11,315,520	27,694,381	39,330,901
17,280,000	38,673,599	56,250,883	17,280,000	37,809,431	55,386,883	17,280,000	40,155,561	57,709,534	17,280,000	36,380,225	53,919,154	14,895,360	34,185,107	49,386,467	11,610,720	29,709,884	41,641,604
17,280,000	38,097,507	55,674,791	17,280,000	34,209,339	51,786,791	9,386,640	39,280,921	48,941,534	17,280,000	36,667,750	54,206,679	15,128,640	35,490,989	50,925,629	12,051,360	34,463,756	46,836,116
14,932,080	38,817,613	54,046,977	17,280,000	23,697,445	41,274,897	14,237,280	35,795,746	50,306,999	17,280,000	36,235,858	53,774,787	14,904,000	31,456,909	46,666,909	11,609,280	29,132,931	41,063,211
17,280,000	38,385,190	55,962,474	17,280,000	29,457,022	47,034,474	14,880,240	35,382,180	50,536,393	17,280,000	33,642,730	51,181,659	14,777,280	30,430,329	45,513,609	10,944,720	28,845,408	40,111,128
17,280,000	39,393,120	56,970,404	17,280,000	36,944,952	54,522,404	14,139,360	35,528,885	49,942,218	16,176,960	31,481,946	47,917,835	14,508,000	28,555,531	43,369,531	9,134,640	29,133,167	38,588,807
17,280,000	39,969,159	57,546,443	17,280,000	37,520,991	55,098,443	14,168,880	35,089,650	49,532,503	15,634,080	31,193,744	47,086,753	14,724,000	27,977,599	43,007,599	8,786,880	27,980,790	37,088,670
17,280,000	39,680,683	57,257,967	17,280,000	38,096,515	55,673,967	14,553,360	34,580,973	49,408,306	15,858,000	31,481,929	47,598,858	13,932,000	28,552,844	42,790,844	10,412,640	26,682,840	37,416,480
17,280,000	39,392,496	56,969,780	17,280,000	37,520,328	55,097,780	15,623,280	33,722,063	49,619,316	15,314,400	31,770,219	47,343,548	12,672,000	28,128,674	41,106,674	8,980,560	27,547,267	36,848,827
17,280,000	39,392,561	56,969,845	17,280,000	38,384,393	55,961,845	14,832,000	36,131,234	51,237,207	14,643,360	32,345,794	47,248,083	12,812,400	27,130,888	40,249,288	9,516,240	24,089,323	33,926,563
17,280,000	37,231,872	54,809,156	17,280,000	38,095,704	55,673,156	14,832,000	35,123,578	50,229,551	15,729,840	30,905,703	46,894,472	13,032,000	25,688,488	39,026,488	8,381,520	24,953,990	33,656,510
17,280,000	37,950,079	55,527,363	17,280,000	38,669,911	56,247,363	12,880,080	35,843,881	48,997,934	15,304,320	31,913,895	47,477,144	11,985,120	28,713,782	41,004,902	7,532,640	30,141,058	37,994,698
17,280,000	37,806,023	55,383,307	16,948,800	38,093,855	55,340,107	12,263,040	35,834,649	48,371,662	16,117,920	35,081,937	51,458,786	11,151,360	29,722,592	41,179,952	8,308,800	30,284,688	38,914,488
17,280,000	38,813,684	56,390,968	16,272,000	36,941,516	53,510,968	12,260,160	36,142,225	48,676,358	15,665,760	31,636,924	47,561,613	11,745,360	29,722,764	41,774,124	9,230,160	28,267,625	37,818,785
17,280,000	38,956,943	56,534,227	17,280,000	36,940,775	54,518,227	15,783,840	37,267,750	53,325,563	14,203,440	32,349,272	46,811,641	11,300,400	29,434,652	41,041,052	9,763,200	29,708,857	39,793,057
17,280,000	38,380,958	55,958,242	17,136,000	37,228,790	54,662,242	14,869,440	36,690,521	51,833,934	16,002,000	30,333,115	46,594,044	11,973,600	30,298,953	42,578,553	8,722,800	32,733,686	41,777,486
17,225,280	39,389,141	56,911,705	17,280,000	38,524,973	56,102,425	14,034,960	36,433,760	50,742,693	16,594,560	31,341,081	48,194,570	11,481,840	29,434,420	41,222,260	10,152,000	30,284,343	40,757,343
17,280,000	39,099,698	56,676,982	17,280,000	38,091,530	55,668,982	15,693,840	35,281,981	51,249,794	16,200,000	31,340,999	47,799,928	11,440,080	29,577,939	41,324,019	14,688,000	30,714,968	45,723,968
17,280,000	39,388,051	56,965,335	17,280,000	37,659,883	55,237,335				14,966,640	31,773,148	46,998,717				17,102,880	27,688,955	45,112,835

LEGEND
CTBD- cooling tower blowdown
CU- consumptive use
WD- withdrawal
GPD- gallons per day

LEGEND
CTBD- cooling tower blowdown
CU- consumptive use
WD- withdrawal
GPD- gallons per day

Enclosure 4

RAI H 2.3-1
Susquehanna Steam Electric Station/Susquehanna River Basin Commission
Extended Power Uprate Files
Luzerne County Pennsylvania

SRBC #72
06/12/02

Susquehanna River Basin Commission

a water management agency serving the Susquehanna River Watershed

PROJECT INFORMATION

1. Applicant Information:

Applicant Name or Registered Fictitious Name PPL Susquehanna, LLC

Parent Corporation Name, if different PPL Corporation

Mailing Address Two North Ninth Street

GENPL5

City Allentown State PA Zip 18101-1179

Contact Person Jerome S. Fields, REM Title Sr. Environmental Scientist - Nuclear

Telephone (610) 774-7889 Fax (610)774-7782 E-Mail jsfields@pplweb.com

2. Preparer (Hydrogeologist/Engineer):

Name Jan C. Phillips, P.E.

Title

Company Jan C. Phillips, P.E.

Address 2611 Walnut Street

Allentown, PA 18104-0160

Phone (610) 821-0160 Fax (610) 821-0160

Signature Jan C Phillips

Date 12-19-06 E-Mail Address jcphllps@enter.net

3. Project Engineer:

Name N/A

Title

Company

Address

Phone ( ) Fax ( )

Signature

Date E-Mail Address

4. Location of proposed source(s), if applicable:

State Pennsylvania County Luzerne

Municipality Salem Township

Latitude N 41° 05' 12.4" Longitude W 76° 07' 53.2"

5. State, county, or other regulatory/permitting contacts:

Agency N/A Department _____

Name _____ Position _____

Permit/Area of Concern: _____

Address _____

_____

_____

Phone _____ E-Mail _____

Agency _____ Department _____

Name _____ Position _____

Permit/Area of Concern: _____

Address _____

_____

_____

Phone _____ E-Mail _____

Agency _____ Department _____

Name _____ Position _____

Permit/Area of Concern: _____

Address _____

_____

_____

Phone _____ E-Mail _____

PPL Susquehanna, LLC
Two North Ninth Street
Allentown, PA 18101-1179
Tel. 610.774.7889
jsfields@pplweb.com

December 20, 2006

Mr. Paul O. Swartz, Executive Director
Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, PA 17102-2391

Attn: Project Review Coordinator

PPL SUSQUEHANNA, LLC
APPLICATION FOR SURFACE WATER WITHDRAWAL
REQUEST TO MODIFY APPLICATION 19950301
EPUL- 0578

Dear Mr. Swartz:

Enclosed for the Susquehanna River Basin Commission's (Commission's) approval please find an application to increase the existing maximum daily surface water withdrawal at the Susquehanna Steam Electric Station (SES) from approximately 58 million gallons per day (MGD) to 66 MGD. This application includes a proposed water use monitoring plan. In addition, PPL Susquehanna, LLC hereby requests modification of Application 19950301 dated March 9, 1995 to eliminate the 30-day average consumptive water use limit of 40 MGD at the Susquehanna SES.

Background

The Susquehanna SES is a two-unit, baseload, boiling-water-reactor electric generating station. Unit 1 and Unit 2 each have a present electrical capacity of 1,190 MWe. Ownership of the Susquehanna SES is shared by PPL Susquehanna, LLC, Berwick, PA (90 percent) and Allegheny Electric Cooperative Inc., Harrisburg, PA (10 percent). PPL Susquehanna is a subsidiary of PPL Generation, LLC, which in turn is an indirect subsidiary of PPL Corporation. PPL Susquehanna (hereinafter "PPL") is the licensed operator of the Susquehanna SES.

The Susquehanna SES is located on the west bank of the Susquehanna River, in Salem Township, Luzerne County, PA. The largest community within 10 miles is the Borough of Berwick, PA located approximately five miles southwest of the station. Susquehanna SES property (owned by PPL and Allegheny Electric) is 1,574 acres in area; 1,173 acres lie to the west of U.S. Route 11 and contain most of the station facilities, and 401 acres lie between U.S. Route 11 and the river and comprise the Susquehanna Riverlands Recreation Area. The Susquehanna Riverlands Recreation Area includes

natural and recreational areas. Also, PPL owns an additional 717 acres of mostly undeveloped property on the east side of the river.

In September 2006, PPL submitted an application to the U.S. Nuclear Regulatory Commission (USNRC) to renew the Susquehanna SES operating licenses for an additional 20 years (Unit 1 to 2042 and Unit 2 to 2044). In October 2006, PPL submitted to the USNRC an application for an Extended Power Uprate (EPU) for both units. The EPU will occur between the second quarter 2008 and the second quarter 2010 and will increase electrical generation up to approximately 1,300 MWe for each unit. Major EPU modifications associated with the station systems will be initiated during the March 2008 or subsequent refueling outages; the river water make-up, circulating water, and blowdown systems will not be modified for the EPU.

The Susquehanna SES withdraws water from the Susquehanna River through a river intake (River Intake Structure) along the west bank of the river adjacent to the station. The River Intake Structure includes four operating pumps, each with an individual design capacity of 13,500 gallons per minute (gpm). The operational combined capacity of the four pumps is approximately 45,000 gpm but can vary depending on river conditions and the conditions of the pumps. Blowdown from the station's cooling water system is discharged back to the river through a diffuser pipe located on the river bottom downstream of the river intake.

Application to Increase Surface Water Withdrawal from the Susquehanna River

The estimated maximum daily rate of river water withdrawal for the existing station is approximately 58 MGD. This withdrawal preceded the effective date (November 1995) of the Commission's surface water withdrawal regulations and, therefore, did not require the approval of the Commission. PPL estimates that the maximum daily post-EPU withdrawal will be no greater than 65.35 MGD. Accordingly, PPL submits the enclosed application for a surface water withdrawal of 66 MGD.

Information on the environmental impact of the EPU may be found in two reports prepared by PPL and submitted to the USNRC, copies of which were given to Commission staff at a meeting on November 13, 2006:

- "Supplemental Environmental Report – Extended Power Uprate" dated March 2006; and
- "Environmental Report – Operating License Renewal Stage – Appendix E" (Section 3.1.2 – Cooling and Auxiliary Water Systems) dated September 2006; see the following website for the entire report:

http://www.nrc.gov/reactors/operating/licensing/renewal/applications/susquehanna.html.

Water Use Monitoring Plan

ATTACHMENT C to the enclosed application is a proposed Water Use Monitoring Plan. PPL will continue using the cooling tower performance diagram to estimate cooling tower evaporation. Total cooling tower water loss will be estimated by adding an allowance for cooling tower drift loss to the cooling tower evaporation. Total surface water withdrawal will be determined as the sum of (a) the total cooling tower water loss, (b) the cooling tower blowdown, and (c) the makeup flow to the emergency spray pond. Daily volumes of cooling tower water loss and total surface water withdrawal will be reported to the Commission quarterly.

The River Intake Structure includes flow meters to measure withdrawal. However, metering of the withdrawal has been inaccurate due mainly to corrosion and fouling of the intake pipes. The intake pipes are made of carbon steel, and PPL is evaluating replacement of sections of this pipe with stainless steel pipe to minimize flow meter measurement error. Following replacement of sections of pipe from two of the four make-up pumps, it may be possible during one-unit outages to operate the station with those two pumps and to compare the metered withdrawal flow to the calculated sum of cooling tower water loss, cooling tower blowdown, and emergency spray pond makeup. If the pipe replacement project proceeds and withdrawal quantities determined by the two methods are comparable, then PPL will use the metered withdrawal to periodically verify the calculated withdrawal based on the sum of cooling tower water loss, cooling tower blowdown, and emergency spray pond makeup. If the metered withdrawal is significantly different from the calculated withdrawal, PPL will discuss with the Commission the appropriate next steps for measuring withdrawal. PPL will keep the Commission apprised of these activities.

Modification of Consumptive Water Use Application 19950301

On March 9, 1995 (Application No. 19950301), the Commission approved the consumptive water use at the Susquehanna SES up to a 30-day average of 40 MGD, not to exceed a daily usage of 48 MGD. As discussed with Commission staff at the November 13, 2006 meeting, PPL requests a modification to this approval to eliminate the 40 MGD 30-day average limit. This is consistent with other recent consumptive water use application modifications.

Comments

PPL does not expect the maximum daily river water withdrawal to exceed 65.35 MGD. For purposes of this application, PPL is requesting approval of a maximum daily river water withdrawal of 66 MGD. Also, PPL does not expect the maximum daily consumptive water use to exceed the currently approved 48 MGD. In the event of an apparent exceedance, PPL requests an opportunity to evaluate the problem and to discuss it with the SRBC staff prior to the Commission issuing a notice of violation.

Fees

Based on the Commission's Project Fee Schedule effective through December 31, 2006, the fees for the Susquehanna SES permitting activities requested herein are as follows:

• Surface Water Withdrawal Application (66 MGD):	$186,000.00
• Project Modification (elimination of 30-day average consumptive water use limit of 40 MGD):	$2,500.00
Total	$188,500.00

Payment of these fees is being sent to the Commission under separate correspondence.

Public Notice

PPL is proceeding to issue public notice of this application in accordance with the Commission's regulations. Notifications will be made to Luzerne County, Salem Township, a local newspaper, and property owners in Salem Township either contiguous to or nearby the Susquehanna SES.

PPL requests the Commission's prompt review and approval of the enclosed surface water withdrawal application and the request for modification of the approved consumptive water use. Should you or your staff have any questions, please contact me at (610) 774-7889 or by e-mail at jsfields@pplweb.com. Thank you for your consideration.

Sincerely,

Jerome S. Fields, REM
Senior Environmental Scientist – Nuclear

Enclosure: SRBC Surface Water Withdrawal Application

Cc Delivered via electronic mail to:

Ms. P. A. Ballaron	SRBC
Mr. T. W. Beauduy	SRBC
Mr. M. G. Brownell	SRBC
Mr. A. D. DeHoff	SRBC

X:\Special Projects\EPU Project\EPU\EPULs

Susquehanna River Basin Commission

a water management agency serving the Susquehanna River Watershed

Surface Water Withdrawal Application for up to 66 MGD at the existing Susquehanna Steam Electric Station (SES) on a maximum day, in conjunction with the Extended Power Uprate (EPU). ATTACHMENT C to this application is a proposed Water Use Monitoring Plan.

1. **Applicant Information:**

   Company Name: PPL Susquehanna, LLC (PPL)

   Mailing Address: Two North Ninth Street – GENPL5

   Allentown, PA 18101-1179

   Contact Person: Jerome S. Fields, REM, Senior Environmental Scientist-Nuclear

   Telephone: (610) 774-7889 Fax: (610) 774-7782 E-mail: jsfields@pplweb.com

2. a. **Location of sources:**

   State: Pennsylvania County: Luzerne

   Municipality: Salem Township

   b. You must attach a copy of a USGS 7 1/2 Minute Quadrangle map indicating location of proposed intake(s), all existing project sources, and any water storage facilities.

   ATTACHMENT A to this application is an electronically formatted copy of adjoining USGS quadrangles Berwick (PA) and Sybertsville (PA) showing the locations of the facilities, water resources and discharges associated with this application.

3. **Purpose of withdrawal:** The Susquehanna Steam Electric Station (SES) is an existing, two unit, 2,380-megawatt electrical (MWe), nuclear-fueled electric generating station. An Extended Power Uprate (EPU) is planned for the Susquehanna SES to be implemented in stages from the second quarter 2008 through the second quarter 2010. The EPU is expected to increase the station output to approximately 2,600 MWe.

   The Susquehanna River is the primary source of water for the Susquehanna SES and provides essentially all of the cooling water associated with the generation of electricity. The withdrawal of surface water from the Susquehanna River for commercial operation of the Susquehanna SES began in 1983. Water is pumped from the river at an intake

adjacent to the station. The River Intake Structure contains four pumps, each rated at 13,500 gpm. The estimated maximum daily withdrawal by the existing station is approximately 58 MGD. The maximum daily withdrawal from the river is expected to gradually increase to approximately 65 MGD as the EPU is implemented; however, this application is being submitted for 66 MGD. The increased withdrawal will not require modification to the intake, the pumps or the cooling system.

4. Source(s) from which withdrawal is being requested:

Name of Source	Quantity of Withdrawal Requested		Safe Yield or Q7-10 Low Flow[2] at Point of Taking (mgd[1])	Drainage Area (square miles)	Location of Taking Point (latitude/longitude)
	Maximum 30-Day Average (mgd[1])	Maximum Day (mgd[1])			
Susquehanna River	NA	66 MGD Note 3	Note 4	Approx. 10,200 sq. miles Note 5	lat: N41°05'12.4" long: W76°07'53.2"
Total	NA	66 MGD Note 3	Note 4		

[1] mgd = million gallons per day

[2] Use acceptable hydrologic practices in determining 7-day, 10-year low flow.

[3] Quantities shown do not include allowance for measurement error.

[4] A Q7-10 flow of 814 cfs (525 MGD) at the USGS gage at Wilkes-Barre (No. 01536500) has been used by the Commission in determining the need for consumptive use compensation releases from Cowanesque Reservoir. The Wilkes-Barre gage is approximately 20 miles upstream from the SSES river intake. At the Wilkes-Barre gage, the 90-percent exceedance flow is 1,670 cfs, the minimum seven-day low flow is 546 cfs (September 1964), and the minimum daily flow is 532 cfs (September 1964).

[5] The drainage area at the Wilkes-Barre gage is 9,960 sq. miles. The drainage area at the USGS gage at Danville (No. 01540500), approximately 30 miles downstream, is 11, 200 sq. miles.

5. Prior or pending state or federal permits:

Permit Name	Status[1]	Agency	Permit Issue Date	Permit Number
Safe Drinking Water Permit	Prior	PaDEP	2/17/89	2400994
	"	"	12/4/85	2400995
	"	"	12/4/85	2400999
	"	"	12/4/85	2400938
Dams Permit	N/A			
Encroachment or Water Obstruction Permit (intake and discharge diffuser)	Prior	USACOE & PaDEP	9/13/06	CENAB-OP-RPA 06-10107-P12; E40-195
	Prior	"	8/31/88	CENAB-OP-RR 87-1767-4;E40-192
Water Allocation/Appropriation	Prior	SRBC	3/9/95	19950301 Note 3

Permit				
Other (NPDES)	Prior	PaDEP	9/1/05	NPDES PA-0047325
Other (Operating license)	Prior Pending	USNRC USNRC	7/17/82 3/23/84 Note 2	NPF-14 NPF-22 NPF-14 NPF-22

[1] If not applicable list (NA); if pending, (P); if required but not applied for, (R)

[2] An application was submitted to the US Nuclear Regulatory Commission on Sept. 13, 2006 to renew operating licenses NPF-14 and NPF-22 for an additional 20 years.

[3] See also contract between the Commission and Pennsylvania Power & Light Company for development of water supply storage in Cowanesque Reservoir, dated June 30, 1986.

6. **Show by <u>calculation</u> how the "Quantity of Withdrawal Requested" was determined.** Describe how sufficient this allocation will be in meeting the future needs of this project. Describe alternative sources of supply considered in lieu of requesting a new or increased allocation from the sources listed in Application Section 4. (Attach additional sheets, as necessary.)

See ATTACHMENT B.

7. **Existing and projected total water use:**

Total Project Water Usage[1]	Existing (mgd)[2]	Projected (mgd)[3] for Design Year 2008 and beyond
Average Daily Water Demand	42 MGD Note 5	46 MGD in 2008 49 MGD in 2009 52 MGD in 2010 and beyond Notes 7 and 8
Maximum Daily Water Demand	58 MGD: Note 6	60 MGD in 2008 64 MGD in 2009 65.35 MGD in 2010 and beyond Notes 7 and 9
System Capacity[4]	The river intake has four pumps, each rated at 13,500 gpm. However, the system capacity with all four pumps operating is approximately 45,000 gpm but can vary depending on river conditions and the conditions of the pumps.	The existing system capacity is adequate and will not need to be increased for the EPU.

[1] Project water usage should be on an annual basis, unless the application is for a seasonal operation. For seasonal uses, indicate the duration of the use (the number of months on which the average is based).

[2] For new projects, the existing use should be the proposed use during the first year of operation.

[3] The projected use should be for 25 years in the future (design year). If the project duration is less than 25 years, indicate the year for which projections were made.

[4] The existing system capacity should not include the proposed sources unless the application is for a new project having no prior withdrawal.

[5] Average usage, years 2002-2005: cooling tower water loss (29.5 MGD, from cooling tower performance diagram) + average cooling tower blowdown (11.8 MGD, metered) + emergency spray pond makeup (0.4 MGD, estimated) = 41.7 MGD.

[6] Maximum daily usage, years 2002-2005: cooling tower water loss (40 MGD, from cooling tower performance diagram) + maximum cooling tower blowdown (17.3 MGD, metered) + emergency spray pond makeup (0.4 MGD, estimated) = 57.7 MGD.

[7] Estimates do not include allowance for measurement error.

[8] Annual average consumptive water use upon completion of the EPU is expected to be 37 MGD.

[9] Maximum daily consumptive water use upon completion of the EPU is expected to be 48 MGD.

8. **Existing sources of water:**

a. **Wells – Well system began operation in 1974 to provide domestic water supply and (wells TW-1 and TW-2) miscellaneous station purposes excluding condenser cooling. The EPU will not affect the withdrawal or use of groundwater at the Susquehanna SES.**

Well Identification	Frequency of Use[1]	Purpose[2]	Well Depth (ft)	Cased Depth (ft)	Screened Interval (ft to ft)	Pump Capacity (mgd)	Number of Days Used During Calendar Year	Metered (yes/no)	Average Daily Withdrawal (mgd)	Safe Yield MGD[3]
PWS2400994 (TW-1)	E	Domestic + Misc Station	75	Unknown	Unknown	0.07 (50 gpm)	0	Yes	0	0.072
PWS2400994 (TW-2)	R	Domestic + Misc Station	75	Unknown	Unknown	0.22 (150 gpm)	365	Yes	0.094	0.216
PWS2400999	R	Domestic - Energy Information Center	100	Unknown	Unknown	N/A	365	No	Note 4	0.022
PWS2400995	R (Apr-Oct)	Domestic - Riverlands	105	Unknown	Unknown	N/A	200	No	Note 4	0.043
PWS2400938	R	Domestic - West Bldg.	55	Unknown	Unknown	N/A	365	No	Note 4	0.043
								Total	<0.114	0.396

[1] Indicate if well is used on Regular (R), Auxiliary (A), or Emergency (E) basis.
[2] Indicate purpose such as potable supply, non-contact cooling, or water quality remediation.
[3] Provide method of computation or submit copies of pumping test data. Data listed in PaDEP Brief Description forms; method(s) not listed.
[4] The combined withdrawal from these three nearby wells is estimated to be below 0.02 MGD. These wells are not used for station operation but for domestic use at various nearby facilities associated with the station.

b. Other sources of water (stream intakes, interconnections, reservoirs, springs, etc.):

Name	Description	Frequency of Use[1]	Purpose[2]	Drainage Area, If Applicable (square miles)	Existing Pump Capacity[3] (mgd)	Number of Days Used During Calendar Year	Metered (yes/no)	Average Daily Withdrawal (mgd)	Safe Yield or Q7-10 Low Flow[4] (mgd)
None									
							Total		

[1] Indicate if source is used on Regular (R), Auxiliary (A), or Emergency (E) basis.
[2] Indicate purpose such as potable supply, process water, non-contact cooling, or irrigation.
[3] If gravity-fed, give maximum hydraulic capacity and label as such.
[4] Provide method of computation for 7-day, 10-year low flow for run-of-stream sources.

9. Raw water ponds, lakes, intake dams, and storage dams (existing and/or proposed):

Name	Year Constructed	Year of Last Sedimen-tation Survey	Storage Capacity (mg)	Surface Area (acres)	Drainage Area (sq mi)	Release Works[1]	
						(yes)	(no)
Lake Took-A-While Note 2	1978-1979	March 1999	Est. 30	Est. 30 Note 3	Estimated 0.53		Note 4

[1]Does the dam have facilities to provide a release of water to the stream when water is not flowing over the spillway or top of dam? If yes, describe length, diameter, depth, valving, etc.
[2] Lake Took-A-While is located within the Riverlands Recreation Area and is solely a recreation facility.
[3] Surface area has varied in different reports from 24 to 35 acres. For the License Renewal environment report 30 acres was used for area.
[4] The spillway has stop logs that can be removed and replaced manually to control lake level.

10. Preparer:

Name: Jan C. Phillips, P.E.

Address: 2611 Walnut Street

Allentown, PA 18104-6230

Phone: (610) 821-0160 Fax: (610) 821-0160

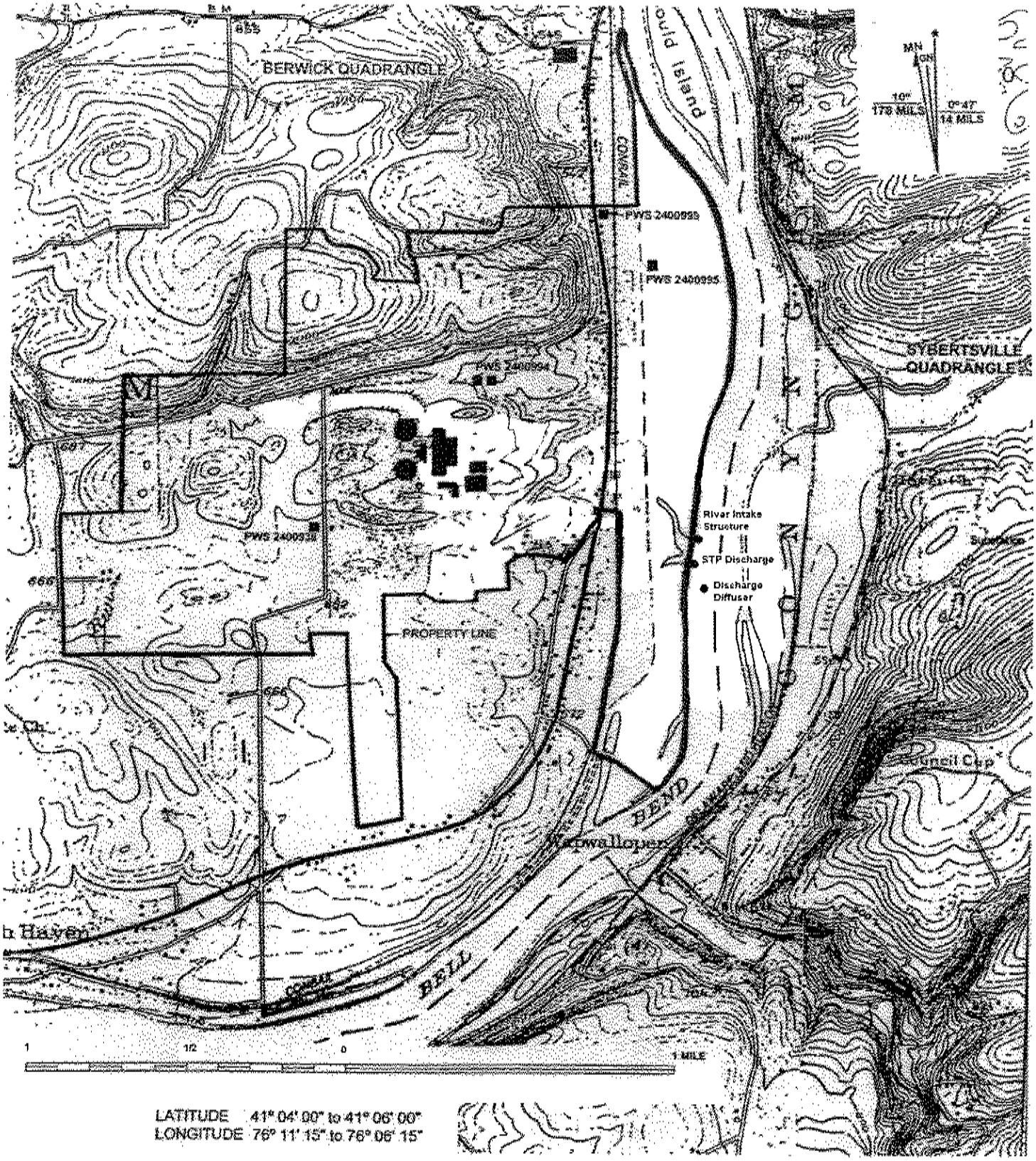
Signature _____

Date: December 19, 2006 E-mail Address: jcphllps@enter.net

11. Applicant:

Name: Britt T. McKinney, Sr. Vice President & Chief Nuclear Officer

Signature _____ Date: December 20, 2006



LATITUDE 41° 04' 00" to 41° 06' 00"
LONGITUDE 76° 11' 15" to 76° 06' 15"

Attachment A
Topographic Map
SSES

ATTACHMENT B

PPL Susquehanna, LLC
Application to SRBC for Surface Water Withdrawal
December 2006

Application Section 6
Determination of Quantity of Withdrawal Requested

The Quantity of Withdrawal Requested is 66 MGD on a maximum day. This amount is the sum, to the next higher MGD, of (a) the estimated maximum daily water loss from the cooling towers (evaporation plus drift allowance) following full implementation of the Extended Power Uprate, (b) the cooling tower blowdown rate associated with the estimated maximum daily cooling tower loss, and (c) the estimated makeup flow to the emergency spray pond, less (d) a small contribution of well water to the cooling water flow. The Quantity of Withdrawal Requested does not include an allowance for flow measurement error.

Cooling tower evaporation is determined from the designer's cooling tower performance diagram (Exhibit A hereto). Cooling tower evaporation as a percentage of the cooling tower water flow is a function of wet-bulb temperature, relative humidity and cooling range. The post-EPU maximum daily consumptive water use has been determined assuming the following conditions:

Wet-bulb temperature (WBT): 77.0°F
Relative humidity (RH): 40 percent
Cooling range: 35.7 F degrees
Cooling tower water flow: 511,000 gpm per tower

The selected environmental conditions (WBT and RH) are considered to be conservative for estimating the maximum daily evaporative loss.

The cooling tower water flow combines circulating water flow (484,000 gpm) and service water flow (27,000 gpm). The cooling range (35.7 F degrees) was calculated based on the combined heat contributions of the circulating and service water flows.

From Exhibit A, for the assumed WBT, RH and cooling range, the rate of evaporation expressed as a percentage of the cooling tower water flow is 3.22 percent. Thus, the evaporative loss per cooling tower expressed in gpm is:

Evaporative loss per tower = 511,000 gpm x 0.0322 = 16,454 gpm.

The cooling tower manufacturer's estimate of the rate of cooling tower drift loss is 0.02 percent of the cooling tower water flow. Thus, the drift loss per cooling tower expressed in gpm is:

Drift loss per tower = 511,000 gpm x 0.0002 = 102 gpm.

Thus, the estimated post-EPU maximum daily water loss from the two cooling towers combined, expressed in MGD, is:

2 x (16,454 gpm + 102 gpm) x 0.00144 MGD/gpm = 47.68 MGD.

Cooling tower blowdown comprises most of the non-consumptive water use at the Susquehanna SES. The blowdown rate is a function of water chemistry, among other things. The cooling tower blowdown rate is approximated as:

Blowdown per tower = [evaporation / (concentration factor – 1)] – drift.

Assuming a concentration factor of 3.7, the blowdown rate per tower expressed in gpm is:

[16,454 gpm / (3.7 – 1)] – 102 gpm = 5,992 gpm.

Thus, the estimated blowdown rate corresponding to the maximum daily evaporative loss for the two towers combined, expressed in MGD, is:

2 x 5,992 gpm x 0.00144 MGD/gpm = 17.26 MGD.

The makeup flow to the emergency spray pond is estimated to be 300 gpm. Expressed in MGD, the estimated emergency spray pond makeup is:

300 gpm x 0.00144 MGD/gpm = 0.43 MGD.

A flow of approximately 0.02 MGD originating from the station wells is added to the cooling water system.

Thus, the total post-EPU maximum daily surface water withdrawal is estimated as:

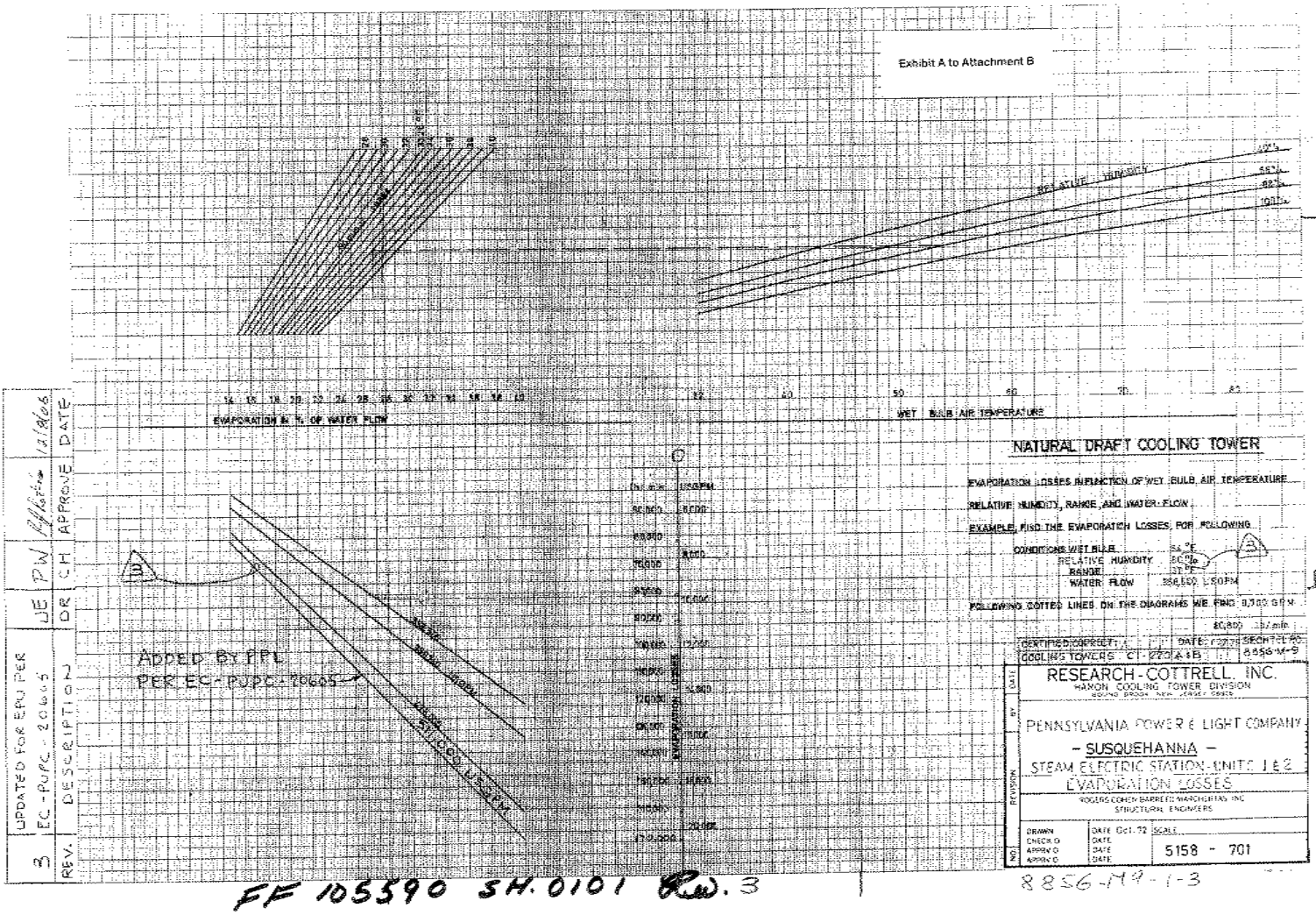
47.68 MGD	Cooling tower evaporation and drift loss
+ 17.26 MGD	Cooling tower blowdown
+ 0.43 MGD	Emergency spray pond makeup
- 0.02 MGD	Flow from station wells
= 65.35 MGD	Maximum daily surface water withdrawal

or 66 MGD, to the next higher MGD.

The "Quantity of Withdrawal Requested" shown in the table of Item No. 4 of the application is the 66 MGD estimated maximum daily surface water withdrawal rate. This 66 MGD is anticipated to be adequate for the foreseeable life of the Susquehanna SES.

No alternative sources for the amount of additional water needed by the Susquehanna SES following the EPU were considered, nor would any be practicable.

Exhibit A to Attachment B



NATURAL DRAFT COOLING TOWER

EVAPORATION LOSSES IN FUNCTION OF WET BULB AIR TEMPERATURE RELATIVE HUMIDITY, RANGE, AND WATER FLOW.

EXAMPLE, FIND THE EVAPORATION LOSSES, FOR FOLLOWING

CONDITIONS WET BULB 54 °F
RELATIVE HUMIDITY 60 %
RANGE 17 °F
WATER FLOW 356,000 L/60PM

FOLLOWING DOTTED LINES ON THE DIAGRAMS WE FIND: 0.700 GPM

80,800 lbs/hr.

CERTIFIED CORRECT: DATE: 12/7/72 SECHT-EL AS
COOLING TOWERS CT-2701A & B 8856-M-9

RESEARCH-COTTRELL, INC.
HAMON COOLING TOWER DIVISION
BOUND BROOK, NEW JERSEY 08805

PENNSYLVANIA POWER & LIGHT COMPANY
– SUSQUEHANNA –
STEAM ELECTRIC STATION-UNITS 1 & 2
EVAPORATION LOSSES

ROGERS COHEN BARRETO MARCHETTAS, INC.
STRUCTURAL ENGINEERS

DRAWN DATE Oct. 72 SCALE
CHECK'D DATE
APPRV'D DATE 5158 - 701
APPRV'D DATE

REV.	DESCRIPTION	DR	CH	APPROVE	DATE
3	UPDATED FOR EPU PER EC-PUPC-20665	JE	PW	[illegible]	1/18/06

MF 2

FF 105590 SH. 0101 Rev. 3

8856-M9-1-3

ATTACHMENT C

PPL Susquehanna, LLC
Application to SRBC for Surface Water Withdrawal
December 2006

Proposed Susquehanna SES Water Use Monitoring Plan

This Plan provides for the metering and measurement of data necessary to determine, for reporting to the Commission, the following water quantities at the Susquehanna SES:

- Daily cooling tower water loss (evaporation and drift loss) for each generating unit; and
- Daily surface water withdrawal from the Susquehanna River.

Exhibit A to this Plan is a station water flow schematic diagram ("SSES Water Flow Diagram – Post-EPU Maximum") showing the facilities and flows indicated herein.

The daily surface water withdrawal is determined from the estimated daily cooling tower water loss, the metered cooling tower blowdown, and the estimated makeup flow to the emergency spray pond.

COOLING TOWER WATER LOSS

Meteorological Data

PPL maintains and operates a meteorological station on the Susquehanna SES site. Wet-bulb temperature (WBT) and Relative humidity (RH) are calculated using temperature and dew point. Daily averages of hourly temperature and dew point readings are used to calculate daily WBT and RH. Temperature is accurate within $\pm$0.9°F and dew point to $\pm$2.7°F.

Cooling Tower Water Flow

The total water flow to each cooling tower is the sum of the respective generating unit's circulating water flow (approximately 95 percent) and the unit's service water flow (approximately 5 percent). The rate of circulating water flow is measured continuously, by ultrasonic metering at Unit 1 and by metering power inflow to the circulating water pumps at Unit 2. The rate of service water flow is assumed to be a constant 27,000 gpm at each unit. Measurement of the circulating water flow is accurate to within $\pm$2.5 percent.

Cooling Range

The cooling range is the difference between the hot-water temperature and the cold-water temperature in the cooling water flow. The cooling range at Susquehanna SES is determined from the hot-water temperature and the cold-water temperature in the circulating water flow; this assumes that the temperature difference in the circulating water flow is representative of the temperature difference in the service water flow. The hot-water temperature and the cold-water temperature in the circulating water flow are measured continuously. According to manufacturer specifications, the temperature measurements are accurate to within ±2 percent.

Cooling Tower Evaporation

PPL believes that the most accurate way to estimate cooling tower evaporation at the Susquehanna SES is by use of the cooling tower performance diagram (Exhibit A to ATTACHMENT B of this application). The cooling tower performance diagram was prepared by the cooling tower designer and updated by PPL to indicate the expected post-EPU maximum cooling tower water flow rate (511,000 gpm per generating unit). The diagram permits cooling tower evaporation (gpm) to be estimated from the values of WBT, RH, cooling range and cooling water flow rate. To estimate daily evaporation, the daily average WBT, RH, cooling range and cooling water flow rates are used.

Cooling Tower Drift Loss

The cooling tower manufacturer estimates that drift loss rate is equal to 0.02 percent of the cooling tower water flow rate. The nominal EPU cooling tower water flow rate is 511,000 gpm per unit, so that the estimated drift rate is 102 gpm per tower. For purposes of estimating actual loss, it will be sufficiently accurate to assume a constant drift loss of 100 gpm or 0.15 MGD per tower when the respective generating unit is on line.

Total Cooling Tower Water Loss

The total cooling tower water loss for each generating unit when operating is thus the estimated evaporation loss plus an allowance of 0.15 MGD for drift loss.

COOLING TOWER BLOWDOWN

Cooling tower blowdown represents nearly all of the non-consumptive water use at the Susquehanna SES. Blowdown from each cooling tower is metered continuously. Cooling tower blowdown flow metering is accurate to within ±2.5 percent. Cooling tower blowdown is discharged to the river downstream from the station.

EMERGENCY SPRAY POND MAKEUP

The emergency spray pond has a surface area of approximately eight (8) acres. The estimated makeup flow to the emergency spray pond is 300 gpm, or approximately 0.43 MGD. Most of this flow is discharged from the pond to the cooling tower blowdown line downstream of the cooling tower blowdown meters. Emergency spray pond levels are monitored, and discharge can be monitored at an overflow weir. A small portion of the emergency spray pond makeup replaces evaporation from the pond.

SURFACE WATER WITHDRAWAL

Each generating unit's total water usage is the sum of its cooling tower water loss (consumptive water use) and cooling tower blowdown (non-consumptive water use). The total station surface water withdrawal is estimated as the combined water usage of the two generating units plus an allowance of 0.4 MGD for the emergency spray pond makeup.

DATA

Data monitored under this Plan are continuously entered in the Susquehanna SES Plant Integrated Computer System and readily integrated into daily averages. Final daily quantities of the data to be recorded and reported (below) are organized and/or derived by spreadsheet. The relationships depicted on the cooling tower performance diagram are programmed in spreadsheet format to facilitate estimating cooling tower evaporation from the relevant daily average data.

RECORD-KEEPING AND REPORTING

PPL will keep daily records of (a) the cooling tower water loss for each generating unit, (b) the cooling tower blowdown for each generating unit, and (c) the total station surface water withdrawal, all estimated or measured as described herein, and will report the daily cooling tower water loss and the daily total station surface water withdrawal amounts, expressed in million gallons, to the Commission each quarter.

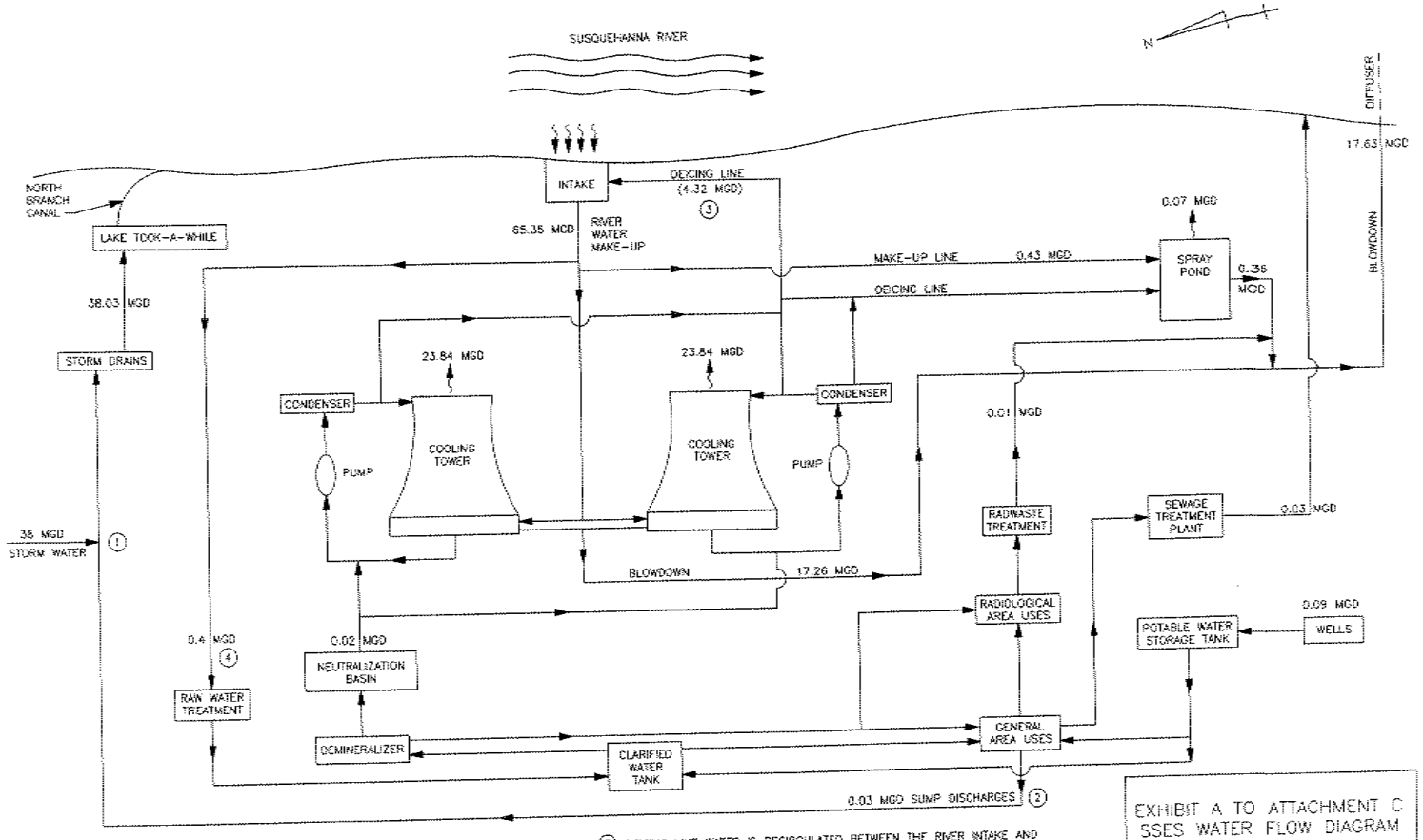


EXHIBIT A TO ATTACHMENT C
SSES WATER FLOW DIAGRAM
POST-EPU MAXIMUM

(1) STORM EVENT

(2) WHEN OUTSIDE SUMPS ARE DISCHARGED

(3) DEICING LINE WATER IS RECIRCULATED BETWEEN THE RIVER INTAKE AND CIRCULATING WATER SYSTEM FROM MID-NOV. THROUGH MID-MARCH. IT IS NOT INCLUDED IN THE STATION'S WATER BALANCE.

(4) APPROXIMATELY ONE MONTH PER YEAR AND IS NOT INCLUDED IN STATION'S WATER BALANCE.

2

REQUEST TO EXTEND DURATION OF SRBC APPROVAL

August 8, 2007

Ms. Paula A. Ballaron
Director, Regulatory Program
Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, PA 17102-2391

PPL SUSQUEHANNA, LLC
REQUEST FOR WAIVER OF TERM OF APPROVAL
FOR APPLICATION 19950301 MODIFICATION
AND ASSOCIATED APPLICATIONS
PLE - 0024400

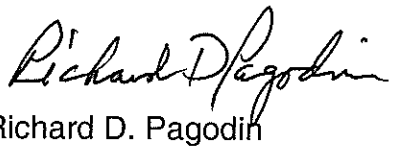
Dear Ms. Ballaron:

PPL Susquehanna, LLC requests a waiver under 18 CFR 806.8, Waiver / modification, for the approval duration of surface water and groundwater withdrawal at the Susquehanna Steam Electric Station SES. A surface water withdrawal application was submitted to the Susquehanna River Basin Commission (Commission) on December 20, 2006 in connection with an Extended Power Uprate request filed with the United States Nuclear Regulatory Commission. The regulations in effect at the time that PPL filed its application with the Commission, limited approvals to 25 years unless an alternate duration period is approved by the Commission (18 CFR 803.30). Under the new regulations approvals are for 15 years unless an alternate duration period is provided for in the Commission's approval (18 CFR 806.31).

In 2006 PPL submitted two applications to the US Nuclear Regulatory Commission. The first was a request to extend the life of the station through March 23, 2044 (an additional period of 20 years), and the second was an Extended Power Uprate request to increase power by about 14%. A waiver of the 25-year (or 15-year) duration limit on Commission approvals to 37 years would coincide with the 20 year license renewal of the Susquehanna SES through March 23, 2044.

PPL requests the Commission's review and approval of this duration of approval extension for the water withdrawal application, as well as for any other application found to be necessary in connection with the Extended Power Uprate. Should you or your staff have any questions, please contact Jerry Fields at (610) 774-7889 or by e-mail at jsfields@pplweb.com. Thank you for your consideration.

Sincerely,



Richard D. Pagodin
General Manager-Nuclear Engineering

JSF/kds

cc delivered via electronic mail to:

Mr. P. A. Swartz	SRBC
Mr. T. W. Beauduy	SRBC
Mr. M. G. Brownell	SRBC
Mr. A. D. Dehoff	SRBC
Mr. E. R. Roof	SRBC

3

GROUNDWATER APPLICATION REQUIRED BY SRBC IN ADDITION TO SURFACE WATER

August 8, 2007

Ms. Paula A. Ballaron
Director, Regulatory Program
Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, PA 17102-2391

PPL SUSQUEHANNA, LLC
APPLICATION FOR GROUNDWATER WITHDRAWAL
AT THE SUSQUEHANNA STEAM ELECTRIC STATION
PLE – 0024401

Dear Ms. Ballaron:

Enclosed for the Susquehanna River Basin Commission's (Commission's) approval please find an application for groundwater withdrawal for the Susquehanna Steam Electric Station (SES). This application is being made in conjunction with PPL Susqhehanna LLC's December 2006 application to modify the consumptive use limit for the plant, as well as the surface water application filed with that request.

Please note that the requested groundwater withdrawal limit of .125 mgd is higher than the existing groundwater withdrawal of .094 mgd shown on the diagram submitted with the December 2006 surface water withdrawal application. This is because the plant needs operational flexibility to withdraw more water in case pump seals degrade or other events occur that result in more groundwater needing to be withdrawn than the most current 30-day average amount.

As part of this ground water withdrawal application, PPL requests (per 18 CFR 806.8) a waiver from the application requirement to provide data from a constant rate pump test performed within the last 12 months. Instead, PPL requests to submit the "Aquifer Performance and Evaluation Study for Groundwater Supply", prepared by Dames and Moore, February 11, 1993, which includes data from a constant rate pump test performed by Dames & Moore.

Groundwater wells TW-1 and TW-2 were drilled in 1974 for Bechtel Corporation, the company that constructed the Susquehanna SES. Bechtel was recently contacted to determine if well logs and other pertinent information are still available, and they are not. Since these records are not available, PPL Susquehanna, LLC reviewed several

reports, including those provided to the US Nuclear Regulatory Commission (e.g., Final Safety Analysis Report, Operating License – Environmental Report), and the Pennsylvania Department of Environmental Protection (Brief Description Form), and was able to provide the information and data necessary to complete this application.

PPL Susquehanna, LLC has the following comments on application questions 10 and 11. They are as follows:

> Response 10 – The Driller's Log was provided for observation well no. 109 which is within 30 feet of well TW-1 and within 100 feet of well TW-2.
>
> Response 11 – PPL is providing a well pump test report, "Aquifer Performance and Evaluation Study for Groundwater Supply", prepared by Dames and Moore, February 11, 1993.

The application fee of $4,580 has been sent electronically to the Commission.

PPL requests the Commission's prompt review and approval of this groundwater withdrawal application. Should you or your staff have any questions, please contact Jerry Fields at (610) 774-7889 or by e-mail at jsfields@pplweb.com.

Thank you for your consideration.

Sincerely,

Richard D. Pagodin
General Manager-Nuclear Engineering

JSF/kds

Attachment - Groundwater Application and supporting documents

cc delivered w/o attachment via electronic mail to:

Mr. P. A. Swartz	SRBC
Mr. T. W. Beauduy	SRBC
Mr. M. G. Brownell	SRBC
Mr. A. D. Dehoff	SRBC
Mr. E. R. Roof	SRBC

4 & 5

ATTACHMENTS TO NO. 3, GROUNDWATER APPLICATION

SRBC #24G
Rev. 9/99

Susquehanna River Basin Commission

a water management agency serving the Susquehanna River Watershed

Ground-Water Withdrawal Instructions and Application

Who Must Submit an Application:

An application must be submitted by anyone proposing :

- A new withdrawal from a single well or well field in excess of 100,000 gallons per day (gpd).
- A new well(s) or an increased withdrawal for a project that has an SRBC approved ground-water withdrawal, regardless of the quantity of the proposed increase or the withdrawal from the new well(s).
- An increase in any ground-water withdrawal initiated prior to July 13, 1978, by 100,000 gpd or more.
- An increase in any ground-water withdrawal initiated on or after July 13, 1978, to 100,000 gpd or more.
  NOTE: All quantities are 30-day averages.

Check List of Items to Accompany Application:

___ 1. All appropriate attachments:
   a. Public water suppliers must complete the attached Public Water Supply Information, SRBC #24P, and
   b. All other users except agriculture must complete the attached Consumptive Use Application, SRBC #24C.

_X_ 2. Copy of USGS 7 1/2' quadrangle map showing project location. Proposed and nearby wells must be identified on the map.

___ 3. Well Record - Proposed Well(s). (See application section 8.)

___ 4. Well Record - Existing Nearby Well(s). (See application section 9.)

_X_ 5. Copy of pumping test data sheets, etc. (Dames and Moore report provided)
   NOTE: Review and approval by the Susquehanna River Basin Commission of the test procedures to be used by the applicant are necessary before the test is started.

___ 6. Copy of chemical analysis. Public water suppliers should submit a copy of the analysis required by the respective state for new sources. Other users must provide the analyses listed on Chemical Analysis of Ground Water, SRBC #24A.

_X_ 7. The application must be signed by the preparer and the applicant.

_X_ 8. Submit the appropriate application fee based on Fee Resolution 98-19 (available on our web site). If you also are submitting a consumptive use application, submit the higher fee. (Sent electronically)

Notification Material:

Please submit the appropriate notification material, as required by Section 803.25 of our *Regulations and Procedures for Review of Projects* (all of which are available on our web site), within 10 days of application submittal.

Where to File Application:

Project Review Coordinator
Susquehanna River Basin Commission
1721 N. Front Street
Harrisburg, PA 17102-2391

If you need assistance, contact the Susquehanna River Basin Commission, Water Management Division at (717) 238-0426, fax (717) 238-2436, or via e-mail addressed to srbc@srbc.net.

SRBC #24G
Rev. 9/99

Susquehanna River Basin Commission

a water management agency serving the Susquehanna River Watershed

Ground-Water Withdrawal Application

1. Applicant Information:

Company Name PPL Susquehanna, LLC

Mailing Address Susquehanna Steam Electric Station

769 Salem Boulevard

City Berwick State PA Zip 18603

Contact Person Jerome S. Fields Title Sr. Environmental Scientist - Nuclear

Telephone (610)774-7889 Fax (610)774-7782 E-mail jsfields@pplweb.com

2. a. Location of proposed well(s):

State Pennsylvania County Luzerne

Municipality Salem Township

b. You must attach a copy of a USGS 7 1/2 Minute Quadrangle map indicating location of proposed well(s), all existing project wells, and any nearby wells.

3. Purpose of proposed withdrawal(s): Supplying domestic water, demineralized water, maintaining pump seals, and other miscellaneous uses

4. Requested withdrawal from proposed well(s) (based on a 30-day average):

Well Number TW-1 - 0.072 mgd.

Well Number TW-2 - 0.125 mgd.

Well Number _____ - _____ mgd.

Well Number _____ - _____ mgd.

5. Total combined withdrawal from proposed well(s) 0.125 MGD (based on a 30-day average).

Well number TW-1 is only used for back-up when TW-2 is out of service. They do not operate at the same time. These two wells are part of the same Non-transient Non-community water system – PWS ID #2400994.

6. Existing and projected total water use:

Total Project Water Usage[1]	Existing (mgd)[2]	Projected (mgd)[3] for Design Year 2044
Average Daily Water Demand	0.094	0.125
Maximum Daily Water Demand (Max day in 2007 through June; March 17)	0.194	0.194
System Capacity[4]	0.216	0.216

Explanation

[1] Project water usage should be on an annual basis, unless the application is for a seasonal operation. For seasonal uses, indicate the duration of the use (the number of months on which the average is based).

[2] For new projects, the existing use should be the proposed use during the first year of operation.

[3] The projected use should be for 25 years in the future (design year). If the project duration is less than 25 years, indicate the year for which projections were made.

[4] The existing system capacity should not include the proposed sources unless the application is for a new project having no prior withdrawal.

7. Existing sources of water:

a. Wells

NOTE: *TW-1 is used for backup only. Since the wells are on the same system, there is a common meter.*

Well Number	Well Depth (ft)	Cased Depth (ft)	Screened Interval (ft to ft)	Existing Pump Capacity (mgd)	Average Daily Withdrawal (mgd)	Metered (yes/no)
TW-1	75	Unknown	Unknown	0.072	0.072	Yes
TW-2	75	Unknown	Unknown	0.216	0.094	Yes

b. Other sources of water (stream intakes, interconnections, reservoirs, springs, etc.):

Name	Description	Average Daily Withdrawal (mgd)	Number Days Used During Calendar Year	Safe Yield (mgd)	Metered (yes/no)
Susquehanna River	Surface water	52 (1)	365	525 (2)	No (3)

NOTES: *(1) Beginning in 2010 at Extended Power Uprate conditions. See No. 7 surface water withdrawal application.*
(2) See No. 4 note 4 of the Surface Water Withdrawal Application (submitted 12/20/2006): Q7-10 flow of 814 cfs (525 MGD) at Wilkes- Barre.
(3) Withdrawal is calculated; Consumptive Use + Blowdown = Withdrawal

8. Well record (proposed well(s)): N/A – information is not available

Well No. TW-1 Geologic Formation Mahantango
Date Drilled Sept. 1974 (first used) Well Driller Bechtel Corp. contractor
Depth Drilled 75 feet ft Diameter 8 inches in
Casing: Min. Diameter N/A in Max. Length N/A ft
Well Screen: Type N/A Diameter N/A in
Top of Screen N/A ft Bottom of Screen N/A ft
Well Yield 0.072 MGD gpm Specific Capacity 0.67 gpm/ft
Permanent Pump: Type Submersible
Capacity 50 gpm Intake Setting N/A ft
Air Line Depth No airline ft Type of Metering Totalizer

Well No. TW-2 Geologic Formation Mahantango
Date Drilled Sept. 1974 (first used) Well Driller Bechtel Corp. contractor
Depth Drilled 75 feet ft. Diameter 8 inches in
Casing: Min. Diameter N/A in Max. Length N/A ft
Well Screen: Type N/A Diameter N/A in
Top of Screen N/A ft Bottom of Screen N/A ft
Well Yield 0.216 MGD gpm Specific Capacity 2.04 gpm/ft
Permanent Pump: Type Submersible
Capacity 150 gpm Intake Setting N/A ft
Air Line Depth No air line ft Type of Metering Totalizer

Contents of Submitted SRBC Groundwater Withdrawal Application Package:

Page 1; Check List for SRBC Groundwater Withdrawal Application

Pages 2 - 7; SRBC Groundwater Withdrawal Application, signed by preparer and applicant.

ATTACHMENTS

- Copy of Berwick USGS 7 ½' quadrangle map (required per **section 2.b** of application)
- Log of Boring; Observation Well 109 (required per **section 10** of application)
- Unified Soil Classification System Figure 2.54T (complimentary to Log of Boring, Observation Well 109)
- Pump test data (required per **section 11** of application)[1]; Aquifer Performance and Evaluation Study, Susquehanna Steam Electric Station, Pennsylvania Power and Light Company, Berwick, Pennsylvania; February 11, 1993, Job No. 04894-098-176; Dames & Moore. This study includes the following figures:
  - Site Plan.
  - Bechtel Drawing FCI-C14; isometric of Water Well Supply Line.
  - Map of Susquehanna SES Showing Top-Of-Bedrock Contours, Figure 2.4-15 - Wells TW-1, TW-2 and 109 are located southwest of cemetery.
- Wilkes-Barre, PA flow data from Nov. 28 through Dec. 27, 1992.
  Source: USGS (http://waterdata.usgs.gov/)

NOTE 1:

- Information requested in **Items a – e** included in the provided Dames & Moore Aquifer Performance Study.
- Information requested in **Item f** (Weather and flow data from pumping test period; November 30 through December 17, 1992):
  - Precipitation
    Dec. 4 – 0.03 inches
    Dec. 5 – 0.02 inches
    Dec 10 – 0.05 inches
    Dec. 11 – 0.09 inches
    Dec. 12 - 0.01 inches
    Dec. 17 – 0.33 inches
  - Measurements or observations of nearby stream flows – See attached Wilkes-Barre, PA flow data from Nov. 28 through Dec. 27, 1992.
  - The temperatures during the pumping tests ranged from 14.4 °F to 43.2 °F.

NOTE 2:

Application Fee of $4,580 for two wells (TW-1 and TW-2) was submitted electronically to SRBC on 8/8/07; remitted amount based on Resolution no. 2006-08

9. Existing nearby wells:

Attach map identifying all nearby wells owned by others that could be affected by pumpage of the proposed well(s) and complete items below for each well.

Existing nearby wells: There are no nearby wells owned by others in the vicinity of wells TW-1 and TW-2 that could be affected by pumpage by these wells.

Owner _____ Phone _____

Address _____

Well No. _____ Well Use _____

Date Drilled _____ Well Driller _____

Well Depth _____ ft Estimated Yield _____ gpm

Depth to Water-Bearing Zone(s) _____ ft Screened Interval _____ ft to _____ ft

Pump Type _____ Pump Intake Setting _____ ft

Distance from Proposed Well(s) _____ ft

Owner _____ Phone _____

Address _____

Well No. _____ Well Use _____

Date Drilled _____ Well Driller _____

Well Depth _____ ft Estimated Yield _____ gpm

Depth to Water-Bearing Zone(s) _____ ft Screened

Interval _____ ft to _____ ft

Pump Type _____ Pump Intake Setting _____ ft

Distance from Proposed Well(s) _____ ft

Attach copies of this page as needed.

10. Driller's log: *Unable to locate well logs for wells TW-1 and TW-2; however, PPL Susquehanna was able to find observation well 109 log for nearby well (Attached).*

Attach separate sheet describing the nature and depth interval of subsurface materials and water-bearing zones penetrated during drilling of each proposed well.

11. Pumping test: *We are providing a pumping test report prepared by Dames & Moore – "Aquifer Performance and Evaluation Study, ..." February 11, 1993, Dames & Moore*

NOTE: Review and approval by the Susquehanna River Basin Commission of the test procedures to be used by the applicant are necessary before the test is started.

Attach copies of basic data sheets and any resultant water level charts, tables, graphs, etc., for the pumped well, monitoring wells, and nearby perennial stream sites. The pumping test shall be of not less than 48 hours pumping duration and at a constant withdrawal rate not less than the proposed rate. A step-drawdown pumping test may

precede the 48-hour test, however, water levels should be allowed to essentially recover prior to the constant rate test. The following information from the test is generally required:

a. Date and time of all static, pumping, and recovery water level measurements.
b. Record of pumping rate measured frequently throughout the test.
c. Sufficient static water level measurements in all wells to determine any trends in water level changes prior to the beginning of pumping. All water levels are to be measured to an accuracy of one-tenth of a foot.
d. Pumping and recovery measurements from the pumped well.
e. Monitoring data from a sufficient number of wells to determine all possible interference.
f. Records of precipitation, measurements or observations of nearby streamflows, and weather conditions throughout the test.

12. Preparer:

Name Jerome S. Fields

Title Sr. Environmental Scientist - Nuclear

Company PPL Susquehanna, LLC

Address Two N. 9th Street
GENPL5
Allentown, PA 18101-1179

Phone (610) 774-7889 Fax (610) 774-7782

Signature Jerome S Fields

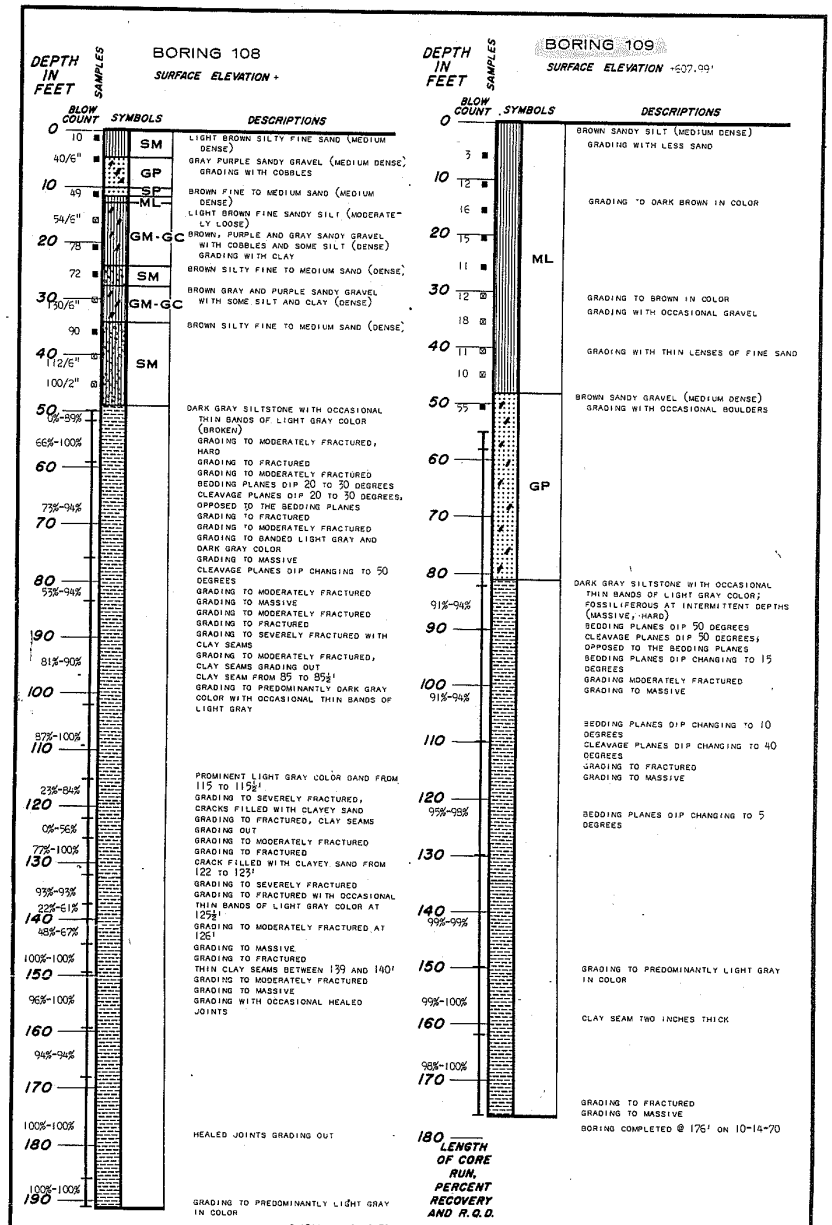
Date 8/3/07 E-mail Address jsfields@pplweb.com

13. Applicant:

Name (print or type) Richard D. Pagodin Title General Manager-Nuclear Engineering

Signature Richard D Pagodin Date 8-8-07

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REVISIONS BY DATE
BY DATE
BY DATE
PLATE OF

L.H. 11-21-70
BY DATE
CHECKED BY DATE

PENNSYLVANIA POWER & LIGHT COMPANY
SUSQUEHANNA STEAM ELECTRIC STATION
UNITS 1 AND 2
PRELIMINARY SAFETY ANALYSIS REPORT

LOG OF BORINGS

DAMES & MOORE

FIGURE 2.5.4E

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			GRAPH SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS — MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS — MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
	SAND AND SANDY SOILS — MORE THAN 50% OF COARSE FRACTION PASSING NO. 4 SIEVE	CLEAN SAND (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND-SILT MIXTURES
				SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE GRAINED SOILS — MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS — LIQUID LIMIT LESS THAN 50			ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS — LIQUID LIMIT GREATER THAN 50			MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS.

GRADATION *

% FINER BY WEIGHT

TRACE..... 0% TO 10%
LITTLE.....10% TO 20%
SOME.....20% TO 35%
AND.....35% TO 50%

COMPACTNESS * SAND AND/OR GRAVEL

	RELATIVE DENSITY
LOOSE	0% TO 40%
MEDIUM DENSE	40% TO 70%
DENSE	70% TO 90%
VERY DENSE	90% TO 100%

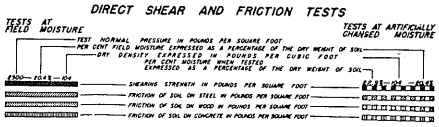
CONSISTENCY * CLAY AND/OR SILT

	RANGE OF SHEARING STRENGTH IN POUNDS PER SQUARE FOOT
VERY SOFT	LESS THAN 250
SOFT	250 TO 500
MEDIUM	500 TO 1000
STIFF	1000 TO 2000
VERY STIFF	2000 TO 4000
HARD	GREATER THAN 4000

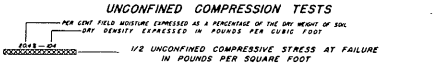
* VALUES ARE FROM LABORATORY OR FIELD TEST DATA, WHERE APPLICABLE. WHEN NO TESTING WAS PERFORMED, VALUES ARE ESTIMATED.

KEY TO TEST DATA

DIRECT SHEAR AND FRICTION TESTS



UNCONFINED COMPRESSION TESTS



TRIAXIAL COMPRESSION TESTS

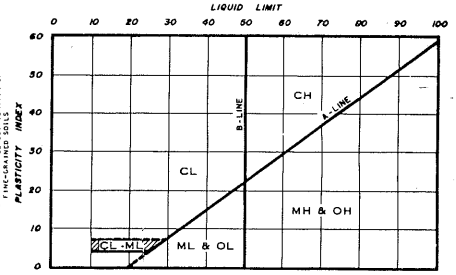


ROCK COMPRESSION TESTS

KEY TO SAMPLES

- INDICATES DEPTH OF UNDISTURBED SAMPLE
- INDICATES DEPTH OF DISTURBED SAMPLE
- INDICATES DEPTH OF SAMPLING ATTEMPT WITH NO RECOVERY
- INDICATES DEPTH OF SPLIT-SPOON SAMPLE
- INDICATES DEPTH AND LENGTH OF CORING RUN

FOR LABORATORY CLASSIFICATION OF FINE-GRAINED SOILS

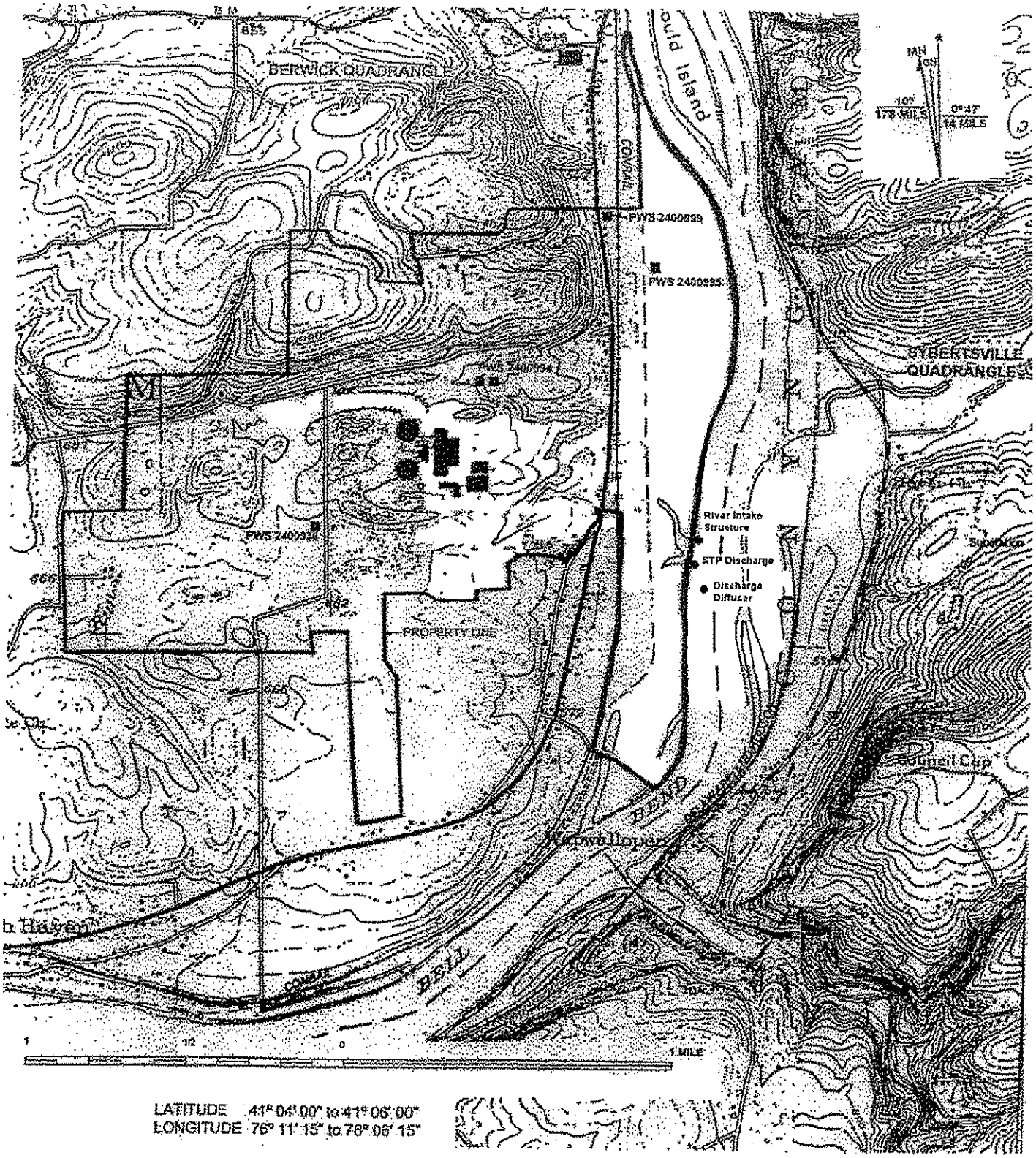


PENNSYLVANIA POWER & LIGHT COMPANY
SUSQUEHANNA STEAM ELECTRIC STATION
UNITS 1 AND 2
PRELIMINARY SAFETY ANALYSIS REPORT

UNIFIED
SOIL CLASSIFICATION SYSTEM

DAMES & MOORE

FIGURE 2.5.4



Attachment A
Topographic Map
SSES

6

SRBC APPROVAL FOR SURFACE WATER AND GROUNDWATER WITHDRAWAL AND CONSUMPTIVE USE

Susquehanna River Basin Commission

a water management agency serving the Susquehanna River Watershed

September 19, 2007

RECEIVED
SEP 2 4 2007
ENVIRONMENTAL

Mr. Jerome S. Fields
Senior Environmental Scientist
PPL Susquehanna, LLC
Two North Ninth Street (GENPL5)
Allentown, PA 18101-1179

Re: PPL Susquehanna, LLC–Susquehanna Steam Electric Station,
Commission Docket No. 19950301-1

Dear Mr. Fields:

We are pleased to inform you that on September 12, 2007, the Susquehanna River Basin Commission (Commission) acted on and approved the surface water and groundwater withdrawals from the Susquehanna River and Wells TW-1 and TW-2, and changed the consumptive water use approval from a 30-day average to a peak day for your project, as indicated on the enclosed amendment, Docket No. 19950301-1. Pursuant to Commission Regulation 18 CFR §808.2 relating to administrative appeals, any appeal to this docket must be made in writing to the Executive Director within 30 days of the date of the Commission's action.

This amendment is for a surface water withdrawal of up to 66.000 million gallons per day (mgd) from the Susquehanna River; a groundwater withdrawal of 0.072 mgd (30-day average) from Well TW-1 and 0.125 mgd (30-day average) from Well TW-2, and a total groundwater withdrawal system limit of 0.125 mgd (30-day average); and a consumptive water use of up to 48.000 mgd for power plant operations.

This amendment also requires continued compliance with the Commission's monitoring and reporting requirements, 18 CFR §806.30. Under the recently adopted regulations, all approved projects are required to monitor daily withdrawal quantities and to report quarterly instead of annually. Quarterly reports and the appropriate payment should be submitted within 30 days after the close of the preceding quarter. The first report is due by January 30, 2008, and should include monitoring data for the first, second, third, and fourth quarters of 2007, and the appropriate payment for the fourth quarter only. **Also, please note that reporting procedures have changed. All monitoring data should be submitted "on-line" using the Internet. The person responsible for maintaining and submitting the monitoring data should contact Todd Hitz at (717) 215-7282 within 10 days to review the requirements of this amendment and discuss proper reporting procedures.**

Please be advised that, under Commission Regulation §808.11, the approval granted by the Commission is contingent upon compliance with all provisions of the Susquehanna River Basin Compact (Compact), as well as the Commission's rules, regulations, order, approvals, docket conditions, and any other requirements of the Commission. It is your obligation to fulfill the docket conditions within the specified time limits and provide written notification to the Commission, as appropriate, and comply with all conditions set forth therein. Failure to meet any term or condition within the specified time may subject you to enforcement action and imposition of civil penalties pursuant to Commission Regulation 18 CFR Section 808, Subpart B, §808.15(f), and Section 15.17 of the Compact. Penalties range from $50 to $1,000 a day, per condition (which includes exceeding approved quantities), with every day being a separate offense.

If you have any questions regarding the above, please contact me at (717) 238-0425, extension 222. In addition, if the amount of your water use or your water source should change in the future, you are required to reapply to the Commission for approval. Please notify the Commission prior to any modifications in your project to remain in compliance.

Sincerely yours,



Paula B. Ballaron, P.G.
Director, Regulatory Program

Enclosure
cc: G. Petrewski, PPL Generation, LLC
A. Khanwalkar, PPL
R. Franovich, U.S. Nuclear Regulatory Commission
E. Epstein

SUSQUEHANNA RIVER BASIN COMMISSION

1721 North Front Street • Harrisburg, Pennsylvania 17102-2391
Phone (717) 238-0423 • Fax (717) 238-2436
Web http://www.srbc.net

Docket No. 19950301-1
Approval Date: March 9, 1995
Modification Date: September 12, 2007

PPL SUSQUEHANNA, LLC– SUSQUEHANNA STEAM ELECTRIC STATION

Surface Water Withdrawal of up to 66.000 mgd (Peak Day) from the Susquehanna River, Groundwater Withdrawal of 0.125 mgd (30-Day Average) from Wells TW-1 and TW-2, and Consumptive Water Use of up to 48.000 mgd (Peak Day), for Power Plant Operation, Salem Township, Luzerne County, Pennsylvania

Review Authority

This project is subject to review pursuant to Article 3, Section 3.10, of the Susquehanna River Basin Compact (Compact), P.L. 91-575, 84 Stat. 1509 et seq., and Susquehanna River Basin Commission (Commission) Regulation §806.4, relating to projects requiring review and approval. The Commission received the applications for consumptive use of water and surface water withdrawal on December 20, 2006, and for groundwater withdrawal on August 9, 2007.

Description

Purpose. The purpose of the applications is to request an increase in consumptive water use and approval of surface water and groundwater withdrawals for processes related to an increase in power production and continued operations at the Susquehanna Steam Electric Station (SSES).

Location. The project is located in the Middle Susquehanna Subbasin, HUC 02050107, Salem Township, Luzerne County, Pennsylvania.

Background. The SSES is currently approved by the Commission to consumptively use water (Commission Docket No. 19950301, dated March 9, 1995, [Docket]). That approval incorporates the terms of all related Commission resolutions adopted prior to the approval of the Docket, including Commission Resolution Nos. 82-5, 83-1, 89-12, 90-02, and 91-2. Resolution No. 82-5, effective February 11, 1982, deemed that release of water stored in the Cowanesque Reservoir presents an acceptable manner of mitigation for consumptive use. Resolution No. 83-1, effective January 13, 1983, temporarily certified the project sponsor, PPL Susquehanna, LLC (PPL), to be in compliance with the Commission's consumptive use regulation at the SSES. PPL entered into an agreement, effective June 30, 1986, to participate in

the development of water storage at the Cowanesque Reservoir for the purpose of securing consumptive use mitigation. The operations and release plan from Cowanesque Reservoir was adopted by Resolution No. 89-12, effective September 21, 1989. Under the terms of Resolution No. 90-02, adopted by the Commission on January 18, 1990, the consumptive water use mitigation provided by the SSES through releases at the Cowanesque Reservoir was determined to satisfy the Commission's mitigation requirement for the existing operation. Resolution No. 91-2, effective May 9, 1991, imposed recordkeeping and reporting requirements on the SSES.

The project sponsor participated in the reallocation of storage in the Cowanesque Lake project and, through an agreement with the Commission, sponsored a total of 16,061 acre-feet of storage at the Cowanesque Lake project. Of this amount, 3,000 acre-feet of storage was subsequently dedicated to the Montour Steam Electric Generating Station, and the remaining 13,061 acre-feet is available to the SSES to mitigate consumptive losses during low flow periods.

PPL applied to and received approval from the U.S. Nuclear Regulatory Commission (NRC) to uprate Unit 2 in 1994 ("stretch" uprate) and to similarly uprate Unit 1 in 1995. The Docket, dated March 9, 1995, approved the corresponding increase in consumptive water use (approximately 3.1 percent) associated with these power uprates and determined that water storage in Cowanesque Reservoir allocated to the SSES (13,061 acre-feet) was sufficient to mitigate for consumptive losses of 40.000 million gallons per day (mgd) (on a 30-day average) during low flow periods. At that time, the Commission determined that the increase accounted for all of the water storage at Cowanesque Reservoir that was available for mitigation at the SSES.

PPL applied to and received approval from the NRC to uprate Units 1 and 2 again in 2001 ("measurement uncertainty recapture" uprate). No similar application was made to the Commission at that time.

In October 2006, PPL submitted an application to the NRC for approval of an Extended Power Uprate (EPU) that will increase the thermal power level of the units. Presently, Unit 1 and Unit 2 are each approved for 3,489 megawatts (MW) thermal (t) power. The EPU, if approved, will increase the limit for each unit to 3,952 MWt (approximately a 13.3 percent increase). The increased thermal power will result in an increase in peak and average consumptive water use and surface water withdrawal, and prompted the pending applications.

Project Features. PPL has requested continued approval for consumptive water use of up to 48.000 mgd on a peak day, and elimination of the 30-day average consumptive use limitation of up to 40.000 mgd. The project sponsor also has requested approval for a surface water withdrawal of up to 66.000 mgd (peak day) from the Susquehanna River, and approval for a total groundwater withdrawal of 0.125 mgd (30-day average) from Wells TW-1 and TW-2. The withdrawals and consumptive water will support the operation of the facility as it will be modified by the EPU.

Specific locational information concerning discrete water-related project features has been withheld for security reasons.

The project consists of two nuclear-powered base-load steam electric generating units, known as Unit 1 and Unit 2. Units 1 and 2 began commercial operation in 1983 and 1985, respectively, and each unit has a closed-cycle cooling system with an evaporative cooling tower. The SSES has a spray pond, common to both units, which provides supplemental cooling. Consumptive water losses at the SSES result from evaporation and drift losses at the cooling towers and similar losses from the spray pond.

Surface water withdrawals at the SSES result from pumping Susquehanna River water from a cooling water intake structure to supply makeup water to the cooling tower basins and the spray pond, and to supply raw water to a water treatment system. The withdrawals are used to make up for consumptive water losses and for water discharged back to the Susquehanna River in conjunction with non-consumptive usage as necessary to maintain adequate water levels and quantity for facility operation.

The river intake structure includes flow meters to measure the withdrawal. However, in 2001, the SSES reported that the measurement was inaccurate due mainly to corrosion and fouling of the carbon steel intake pipes which interfered with the operation of the sonic flow meters. Commission staff subsequently reviewed and approved a procedure for use of cooling tower performance diagrams as an alternative to direct measurement to account for consumptive water use.

Groundwater withdrawals to supply sanitary water for the facility, to produce demineralized water, to maintain pump seals, and for miscellaneous process uses at the SSES result from pumping water from two on-site wells, Wells TW-1 and TW-2 (the primary well). The two well system was designed to provide for a mechanical backup should one well become unavailable and, as such, the wells cannot be operated simultaneously and are not separately metered. The 8-inch-diameter wells were drilled in 1974 to depths of approximately 75 feet. The site is underlain by the Devonian Mahantango Formation, a siltstone and shale. Glacial deposits, which consist of stratified sand and gravel overly the bedrock, occur in thicknesses of 0 to 20 feet, except when infilling buried bedrock valleys when the thickness can exceed 80 feet. The wells likely are completed in the glacial deposits, but the SSES was unable to provide well logs.

In September 2006, PPL requested a license renewal from NRC extending the term of the operating licenses by 20 years, from July 2022 to July 2042 (Unit 1) and from March 2024 to March 2044 (Unit 2). The project sponsor has requested that the Commission extend the term of its approval to 37 years to coincide with the requested 20-year license renewal of the SSES through March 23, 2044.

Aquifer Test. A 7-day, constant-rate aquifer test of Well TW-2 was conducted on December 7-14, 1992. In addition to the production well and Well TW-1, three piezometers and one observation well were monitored. A separate stepped-rate pumping test of Well TW-2 preceded the constant-rate aquifer test. During the stepped-rate pumping test, Well TW-2 was pumped at rates varying from approximately 30 gallons per minute (gpm) to 90 gpm.

The testing was not pre-approved by Commission staff. With Well TW-2 pumping at 92 gpm, 37.16 feet of drawdown occurred at the production well after 7 days of pumping. Drawdown of 23.87 feet occurred at Well TW-1. No testing data was available for Well TW-1.

Coordination. Commission staff has coordinated with the NRC during review of the project. In October 2006, NRC received a request for approval of an EPU at the SSES that would increase the thermal power limit of the units. NRC has not acted on this request to date but has issued its draft environmental assessment statement for public comment. Commission staff has reviewed the environmental assessment and provided NRC staff with this docket for coordination with its permits.

Findings

The project is subject to Commission approval, monitoring, and reporting requirements, as per Commission Regulations §806.4(a)(1)(iii), §806.22, §806.23, and §806.30.

All water evaporated or otherwise lost from the cooling system or other power generation processes is considered to be a consumptive water use subject to Commission regulation.

As part of its application, PPL submitted a water use monitoring plan that proposes the continued use of cooling tower performance diagrams to account for daily consumptive water use. PPL also proposed replacement of two of the four carbon steel intake pipes with stainless steel pipes to eliminate the corrosion and fouling problems that prevent accurate metering. Commission staff has reviewed the plan and finds it to be acceptable as an interim measure, with modifications to account for evaporation off the spray pond.

However, as the SSES has demonstrated, it can successfully meter quantities of water well in excess of the amount withdrawn from any single pump located at the Susquehanna River intake structure to an accuracy within 2.5 percent. Commission staff recommends that PPL propose a permanent method to quantify the daily consumptive water use based on metering rather than estimation and averaging. The permanent monitoring plan should contain metering, accurate to within five percent, on the total water withdrawal from the Susquehanna River, on groundwater pumped from Wells TW-1 and TW-2, on the wastewater discharge on the diffuser discharge and other locations, as appropriate, as well as a schedule for implementation for review and approval by Commission staff. The plan should also contain a methodology to account for the instream evaporative loss that occurs as a result of the thermal loading from the diffuser discharge.

Should metering of the stainless steel intake pipe not provide improved accuracy, Commission staff will evaluate other proposed methods of measurement for suitability.

Should the proposed accounting procedure fail to measure the SSES's consumptive water use and total water withdrawal from the Susquehanna River, the Commission reserves the right to modify the measuring, monitoring, and accounting procedures. Commission staff will provide the project sponsor with prior written notice of any required change in the measuring,

monitoring, and accounting procedures. Any alternative measuring, monitoring, or accounting procedure requested by the project sponsor must be reviewed and approved by Commission staff.

Although the Docket currently requires that the project sponsor keep daily records of consumptive water use and report these data to the Commission annually, Commission staff recommends that the reporting frequency be changed to quarterly, as specified in Commission Regulation §806.30(b)(1).

The project was previously approved for the consumptive use of 40.000 mgd of water on a 30-day average, not to exceed a daily peak usage of 48.000 mgd. PPL has requested approval of up to 48.000 mgd as a peak day and the elimination of the requirement that limits the 30-day average consumptive water use to 40.000 mgd. Commission staff recommends approval of the requested increase of consumptive water use of up to 48.000 mgd (peak day).

The project's consumptive use of water is subject to mitigation requirements, as per Commission Regulation §806.22. Currently, as approved in the Docket, consumptive water use mitigation is provided by releases of water from the Cowanesque Reservoir to the Susquehanna River during periods of low flow, under an Operations/Release Plan approved by Commission Resolution No. 89-12. That plan prescribes the amounts of releases to be made whenever the natural flow at Wilkes-Barre and/or Harrisburg is less than or equal to Q7-10 flow plus the amount of consumptive use. This mitigation method applies to full or partial operation of the SSES, but not when both Units 1 and 2 are shut down.

The project sponsor proposes to continue utilizing the current method to satisfy its water mitigation requirements. Provided that the project sponsor continues to comply with the terms of the Contract, Commission staff finds that PPL may continue to use the releases of water storage from the Cowanesque Reservoir to mitigate up to 40.000 mgd based on a 30-day average of consumptive water use. Commission staff recommends that the approved method of mitigation for consumptive use in excess of 40.000 mgd based on a 30-day average be payment of the Commission's prevailing consumptive use fee.

The existing surface water withdrawal predates the effective date of Commission Regulation §806.4(a)(2)(iv); however, the project sponsor's increase in withdrawal from the Susquehanna River related to the proposed EPU triggers Commission review and approval. Commission staff recommends approval of the requested surface water withdrawal of up to 66.000 mgd (peak day), as submitted by the project sponsor.

The use of Wells TW-1 and TW-2 predates July 13, 1978, and did not previously require approval by the Commission. The project sponsor has requested waivers from the Commission's required aquifer testing for the wells, and submitted a 1992 aquifer test report for Well TW-2. Commission staff recommends approval of the waivers. Pumping at Wells TW-1 and TW-2 at the requested rates is not expected to cause any adverse impacts to other groundwater users, as there are no nearby wells.

Commission staff recommends approval of a 30-day average withdrawal of 0.072 mgd from Well TW-1 and 0.125 mgd from Well TW-2, and a total groundwater withdrawal of

0.125 mgd. Commission staff recommends approval of peak instantaneous pumping rates of 50 gpm for Well TW-1 and 150 gpm for Well TW-2, the capacities of the well pumps.

The project is subject to Commission monitoring and reporting requirements, as per Commission Regulation §806.30. The project sponsor should install appropriate meters on its surface water withdrawal from the Susquehanna River, and monitor its withdrawal daily. Currently, one meter is used to measure withdrawals from both wells. Commission staff recommends that the project sponsor maintain the meter for Wells TW-1 and TW-2, and monitor withdrawals daily. The project sponsor should report withdrawal data from surface water and groundwater to the Commission quarterly.

The second ("measurement uncertainty recapture") uprate was implemented by the project sponsor at Units 1 and 2 in 2001 and 2002, respectively. No request for approval of increase in surface water withdrawal was submitted to the Commission for this second uprate. Commission staff contends that the modifications made in 2001 and 2002 as a result of the second uprate caused an increase in the amount of water withdrawn at the project in excess of 100,000 gallons per day (gpd) above that which it was withdrawing prior to May 11, 1995. Therefore, the increase triggered Commission approval pursuant to §803.44(a)(2) of the regulations in effect at that time. The project sponsor does not agree with Commission staff; however, the project sponsor has offered a settlement to the Commission to resolve this matter. Commission staff recommends acceptance of the project sponsor's proposed settlement.

The project sponsor has paid the appropriate application fee, in accordance with Commission Regulation §806.16, and in accordance with Commission Resolution No. 2005-03. The project sponsor has requested a waiver of the Commission's required notice of the groundwater withdrawal application, based on the wells remote location, the amount of withdrawal, and the historic operation. Commission staff recommends approval of the request. The project sponsor has provided all other proofs of notification, as required by Commission Regulation §806.15.

No adverse impacts to other area surface water or groundwater withdrawals are anticipated. The project is physically feasible, does not conflict with or adversely affect the Commission's Comprehensive Plan, and does not adversely influence the present or future use and development of the water resources of the basin.

PPL has requested that the Commission extend the term of approval to coincide with its requested 20-year renewal of the NRC license for the SSES (through March 23, 2044). The requested 37-year term of approval has not been approved by NRC and is much longer than the Commission's standard 15-year term for new approvals. In consideration of these facts, Commission staff recommends that this approval remain effective until March 9, 2025, the term of the prior Docket approval.

Decision

1. Commission Docket No. 19950301, as approved March 9, 1995, is hereby modified to approve the surface water withdrawal of up to 66.000 mgd (peak day) from the Susquehanna

River; the groundwater withdrawal (30-day averages) of 0.072 mgd from Well TW-1 and 0.125 mgd from Well TW-2, and a total groundwater withdrawal of 0.125 mgd; and the consumptive water use of up to 48.000 mgd (peak day) pursuant to Article 3, Section 3.10, of the Compact.

2. The project's 30-day average consumptive use limit of up to 40.000 mgd is rescinded.

3. The foregoing findings are hereby adopted and shall be incorporated into and made a part of this decision.

4. Conditions "a," "b," "d," and "e" of the existing approval (Docket No. 19950301) are hereby rescinded.

5. The project sponsor shall comply with all Commission regulations, including monitoring and reporting requirements, as per Commission Regulation §806.30.

6. Within one hundred twenty (120) days from the date of this approval, the project sponsor shall submit a plan to the Commission for review and approval by Commission staff that accounts for all water withdrawn from the Susquehanna River and the total consumptive water use at the facility. The project sponsor shall propose a methodology to account for their consumptive water use based on metering or other approved methods, rather than estimation. Following approval, the project sponsor shall execute the plan and complete any installation of meters in accordance with the approved schedule, but not longer than four (4) years from the date of this approval. The project sponsor shall notify the Commission, in writing, when the meters are installed and certify the accuracy of the measuring devices to within five (5) percent of actual flow. The project sponsor shall notify the Commission when the monitoring plan has been fully implemented.

7. The project sponsor shall keep daily records of the project's consumptive water use, and shall report the data to the Commission quarterly, and as otherwise required. Quarterly monitoring reports shall be submitted on-line and are due within thirty (30) days after the close of the preceding quarter. The daily quantity of water consumptively used shall be the quantity evaporated or otherwise lost from the cooling system or other power generation processes, including losses from the river surface due to thermal loading.

8. The project sponsor shall, as an interim measure, account for total consumptive water use at the facility using the procedures outlined in the water monitoring plan modified to account for evaporation off of the spray pond and off the river surface due to thermal loading. Within thirty (30) days from the date of this approval, the project sponsor shall submit the modified water monitoring plan to the Commission for review and approval by Commission staff. The interim monitoring measure shall expire four (4) years from the date of this approval.

9. The project sponsor shall keep daily records of the metered withdrawal from Wells TW-1 and TW-2. The required reporting data shall be submitted to the Commission quarterly, and as otherwise required. Monitoring reports shall be submitted on-line and are due within thirty (30) days after the close of the preceding quarter.

10. The maximum instantaneous rate of production from Wells TW-1 and TW-2 shall not exceed 50 gpm and 150 gpm, respectively, and the wells shall not be operated simultaneously.

11. The project sponsor shall maintain the meter for Wells TW-1 and TW-2, accurate to within five (5) percent, to measure its groundwater withdrawal.

12. The project sponsor shall keep daily records of the project's surface water withdrawal and shall report the data to the Commission quarterly, and as otherwise required. Quarterly monitoring reports shall be submitted on-line and are due within thirty (30) days after the close of the preceding quarter.

13. The project sponsor shall maintain any meters or other measuring devices approved by the Commission, accurate to within five (5) percent, so as to provide a continuous, accurate record of withdrawals and uses, and certify to the Commission once every five (5) years, or as otherwise requested, the accuracy of all measuring devices and methods to within five (5) percent of actual flow.

14. The project sponsor has offered a settlement by agreement pursuant to Commission Regulation §808.18, in the amount of $500,000, for its alleged noncompliance with Commission regulations, and is hereby accepted. Except where the full amount of same has been tendered to the Commission in advance hereof, this action shall be contingent upon, and shall not be effective until payment of the settlement amount is made to the Commission or arrangements for such payment have been made that are acceptable to the Executive Director of the Commission. Failure to make such payment or payment arrangement with the Commission within forty-five (45) days hereof shall render this approval null and void.

15. The project sponsor shall comply with applicable Commission water conservation requirements as per Commission Regulation 806.25(b).

16. To satisfy the Commission's current mitigation requirements for consumptive water use set forth in Commission Regulation §806.22, the project sponsor shall continue to comply with the terms set forth in a Contract with the Commission for water supply storage at the Cowanesque Reservoir and make quarterly payments to the Commission based on the rate of $0.14 per 1,000 gallons of water consumptively used by the project in excess of 40.000 mgd based on a 30-day average. The daily quantity of water consumptively used shall be the quantity evaporated or otherwise lost from the cooling system or other power generation processes. Payment amounts shall be calculated by applying this rate to the 30-day average amount of water used consumptively by the project, calculated daily, in excess of 40.000 mgd. Quarterly payments are due and payable within thirty (30) days after the close of the preceding quarter. The rate of payment, after appropriate notice to consumptive users of water using this method of compliance, is subject to change at the Commission's discretion.

17. The notification requirements specified in Commission Regulation §806.15 are hereby waived for the groundwater withdrawal application.

18. The constant-rate aquifer testing requirements specified in Commission Regulation §806.12 are hereby waived.

19. If the Commission determines that the operation of the project's groundwater withdrawal from Wells TW-1 and TW-2 adversely affects any existing groundwater or surface water withdrawal, the project sponsor shall be required to provide, at its expense, an alternate water supply or other mitigating measure.

20. To satisfy the Commission's registration requirement, the project sponsor shall register with the Pennsylvania Department of Environmental Protection all surface water and groundwater sources described in this docket in accordance with the Pennsylvania Water Planning Act (Pennsylvania Act 220).

21. Commission approval shall not be construed to exempt the project sponsor from obtaining all necessary permits and/or approvals required for the project from other federal, state, or local government agencies having jurisdiction over the project. The Commission reserves the right to modify, suspend, or revoke this action if the project sponsor fails to obtain or maintain such approvals.

22. If the project sponsor fails to comply with the provisions of the Compact or any rule, regulation, or order of the Commission, or any term or condition of this docket, the project is subject to enforcement actions pursuant to Commission Regulation §808.

23. The Commission reserves the right to reopen any project docket or issue such additional orders, as may be necessary, to mitigate or avoid adverse impacts or otherwise to protect public health, safety, welfare, or the environment.

24. Commission approval confers no property rights upon the project sponsor. The securing of all rights necessary and incident to the project sponsor's development and operation of the project shall be the sole and exclusive responsibility of the project sponsor, and this approval shall be subject thereto.

25. All other conditions in Commission Docket No. 19950301 not inconsistent herewith shall remain effective.

26. Based on Commission Regulation §806.31(a), this approval is effective until March 9, 2025. The term of this docket modification is in accordance with the term of the prior Docket approval. As specified in Commission Regulation §806.31(e), if the project sponsor submits a renewal application no later than September 9, 2024, the existing approval shall be deemed extended until such time as the Commission renders decision on the application.

27. If the project is discontinued for such a period of time and under such circumstances that an abandonment of the project may reasonably be inferred, the Commission may rescind the approval of the project unless a renewal is requested by the project sponsor and approved by the Commission.

By the Commission:

Dated: September 12, 2007

Cathleen C. Myers, Chair
Pennsylvania Commissioner

Enclosure 5

RAI H 2.3-2
PADEP Water Withdrawal Data
Luzerne County Pennsylvania
(One Compact Disc)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	CLIENT ID	SITE ID	WUDS PRIMARY FACILITY ID	PRIMARY FACILITY NAME	PRIMARY FACILITY TYPE	WUDS SUB FACILITY ID	SUB FACILITY NAME	SURFACE WATER TYPE	REPORT YEAR	ANNUAL WITHDRAWAL(GALLONS)	ANNUAL WITHDRAWAL DAYS	REPORT MONTH	MONTHLY DAYS WITHDRAWN	MONTHLY QUANTITY WITHDRAWN(GALLONS)
2	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	1	0	0
3	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	2	0	0
4	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	3	0	0
5	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	4	0	0
6	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	5	0	0
7	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	6	0	0
8	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	7	0	0
9	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	8	0	0
10	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	9	0	0
11	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	10	0	0
12	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	11	0	0
13	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2005	0	0	12	0	0
14	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	1	0	0
15	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	2	0	0
16	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	3	0	0
17	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	4	0	0
18	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	5	0	0
19	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	6	0	0
20	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	7	0	0
21	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	8	0	0
22	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	9	0	0
23	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	10	0	0
24	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	11	0	0
25	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2006	0	0	12	0	0
26	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	1	0	0
27	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	2	1	526
28	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	3	0	0
29	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	4	0	0
30	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	5	0	0
31	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	6	0	0
32	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	7	0	0
33	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	8	0	0
34	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	9	0	0
35	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	10	0	0
36	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	11	0	0
37	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2007	526	1	12	0	0
38	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	1	0	0
39	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	2	0	0
40	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	3	0	0
41	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	4	0	0
42	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	5	0	0
43	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	6	0	0
44	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	7	0	0
45	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	8	0	0
46	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	9	0	0
47	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	10	0	0
48	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	11	0	0
49	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	717	GARDNERS CREEK	Reservoir Intake From Dam	2008	0	0	12	0	0
50	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	1	0	0
51	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	2	28	18311000
52	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	3	31	18223000
53	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	4	30	17332000
54	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	5	31	15192000
55	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	6	30	17568000
56	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	7	31	15535000
57	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	8	14	7004000
58	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	9	0	0
59	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	10	0	0
60	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	11	12	4376000
61	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2006	124703000	229	12	22	11162000
62	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	1	31	19893000
63	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	2	28	15823000
64	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	3	31	23190000
65	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	4	30	21594000
66	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	5	31	32300000
67	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	6	30	45700000
68	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	7	31	27078000
69	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	8	17	9495000
70	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	9	2	691000
71	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	10	0	0
72	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	11	2	1756000
73	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2007	197520000	233	12	0	0
74	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	1	31	19893000
75	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	2	0	0
76	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	3	0	0
77	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	4	0	0
78	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	5	0	0
79	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	6	0	0
80	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	7	0	0
81	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	8	0	0
82	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	9	0	0
83	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	10	0	0
84	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	11	0	0
85	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	718	MILL CREEK	Reservoir Intake From Dam	2008	19893000	31	12	0	0
86	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	1	31	75224000
87	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	2	28	72398000
88	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	3	31	80323000
89	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	4	30	76437000
90	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	5	31	80642000
91	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	6	30	82421000
92	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	7	31	86970000
93	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	8	31	88867000
94	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	9	30	90590700
95	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	10	31	81559000
96	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	11	30	69028000

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
97	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2005	956554700	365	12	31	72095000
98	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	1	31	84529000
99	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	2	28	81178000
100	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	3	31	86859000
101	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	4	30	80797000
102	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	5	31	94423000
103	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	6	30	102902000
104	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	7	31	112477000
105	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	8	31	115828000
106	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	9	30	101143000
107	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	10	31	94470000
108	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	11	30	92988000
109	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2006	1138267000	365	12	31	90673000
110	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	1	1	2105000
111	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	2	28	72322000
112	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	3	31	83808000
113	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	4	30	83750000
114	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	5	31	97436000
115	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	6	30	98203000
116	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	7	31	99387000
117	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	8	31	96916000
118	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	9	30	91200000
119	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	10	31	86719000
120	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	11	30	77983000
121	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2007	968252000	335	12	31	78423000
122	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	1	31	91283000
123	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	2	29	87150000
124	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	3	31	84281000
125	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	4	30	74994000
126	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	5	31	84621000
127	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	6	30	86469000
128	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	7	31	92343000
129	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	8	31	87849000
130	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	9	30	70914000
131	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	10	31	58715000
132	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	11	30	67591000
133	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	719	CRYSTAL LAKE	Reservoir Intake From Dam	2008	960491600	366	12	31	74281600
134	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	1	31	51142000
135	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	2	28	49282000
136	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	3	31	40275000
137	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	4	30	36510000
138	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	5	31	40648000
139	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	6	30	43304000
140	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	7	31	50137000
141	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	8	31	51300000
142	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	9	30	40784000
143	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	10	31	32818000
144	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	11	30	33312000
145	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	499512000	365	12	31	30000000
146	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	1	31	22417000
147	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	2	28	24412000
148	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	3	31	26945000
149	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	4	30	31060000
150	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	5	31	38112000
151	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	6	30	28699000
152	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	7	31	38402000
153	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	8	31	44437000
154	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	9	30	22515000
155	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	10	31	27611700
156	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	11	30	24600000
157	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2006	354771700	365	12	31	25566000
158	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	1	31	36489000
159	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	2	28	29173000
160	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	3	31	32197000
161	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	4	30	30513000
162	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	5	31	62534000
163	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	6	30	51833000
164	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	7	31	49698000
165	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	8	31	46775000
166	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	9	30	42220000
167	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	10	31	41137000
168	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	11	30	44441000
169	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2007	511620000	365	12	31	44610000
170	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	1	31	37532000
171	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	2	29	43525000
172	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	3	31	40157000
173	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	4	30	30962000
174	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	5	31	34764000
175	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	6	30	46702000
176	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	7	31	49487000
177	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	8	31	43065000
178	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	9	30	41352000
179	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	10	31	37522000
180	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	11	30	34866500
181	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	720	TOBYS CREEK	Instream Dvsn-River,Stream,Creek Intake	2008	480598500	366	12	31	40664000
182	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	2765242000	365	1	31	280478000
183	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	2765242000	365	2	28	247981000
184	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	2765242000	365	3	31	239786000
185	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	2765242000	365	4	30	211384000
186	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	2765242000	365	5	31	215185000
187	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	2765242000	365	6	30	221242000
188	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	2765242000	365	7	31	228789000
189	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	2765242000	365	8	31	237172000
190	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	2765242000	365	9	30	216010000
191	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	2765242000	365	10	31	215854000
192	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvsn-River,Stream,Creek Intake	2005	2765242000	365	11	30	211536000

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193	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	2765242000	365	12	31	23982 5000
194	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	1	31	24620 8000
195	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	2	28	21859 3000
196	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	3	31	22826 4000
197	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	4	30	22016 6000
198	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	5	31	24476 7000
199	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	6	30	23641 7000
200	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	7	31	24783 4000
201	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	8	31	23328 0000
202	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	9	30	21393 6000
203	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	10	31	22861 2000
204	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	11	30	22325 3000
205	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	2766520000	365	12	31	22519 0000
206	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	1	31	22362 2000
207	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	2	28	20329 0000
208	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	3	31	21472 4000
209	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	4	30	21080 8000
210	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	5	31	25732 4000
211	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	6	30	23385 1000
212	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	7	31	23470 1000
213	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	8	31	24510 4000
214	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	9	30	24249 2000
215	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	10	31	24756 5000
216	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	11	30	23595 0000
217	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2810323000	365	12	31	26115 2000
218	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	1	31	25989 8000
219	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	2	29	23991 7000
220	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	3	31	24404 5000
221	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	4	30	23313 3000
222	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	5	31	23955 9000
223	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	6	30	24445 0000
224	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	7	31	25424 1000
225	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	8	31	25899 8000
226	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	9	30	24433 0100
227	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	10	31	22159 0000
228	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	11	30	22265 7000
229	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	42123	PIKES CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	2899099800	366	12	31	23628 1700
230	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
231	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
232	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
233	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
234	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
235	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
236	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
237	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
238	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
239	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
240	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
241	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	44289	COAL CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
242	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	1	0	0
243	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	2	0	0
244	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	3	0	0
245	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	4	0	0
246	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	5	0	0
247	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	6	0	0
248	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	7	0	0
249	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	8	0	0
250	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	9	0	0
251	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	10	0	0
252	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	11	0	0
253	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	12	0	0
254	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
255	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
256	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
257	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
258	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
259	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
260	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
261	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
262	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
263	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
264	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0
265	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
266	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	1	0	0
267	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	2	0	0
268	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	3	0	0
269	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	4	0	0
270	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	5	0	0
271	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	6	0	0
272	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	7	0	0
273	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	8	0	0
274	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	9	0	0
275	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	10	0	0
276	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	11	0	0
277	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	50233	BEAR CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	12	0	0
278	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	1	0	0
279	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	2	0	0
280	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	3	0	0
281	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	4	0	0
282	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	5	0	0
283	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	6	0	0
284	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	7	0	0
285	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	8	0	0
286	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	9	0	0
287	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	10	0	0
288	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	11	0	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
289	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53524	CAMPBELLS LEDGE (INC FALLING SPRINGS)	Reservoir Intake From Dam	2006	0	0	12	0	0
290	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	1	0	0
291	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	2	0	0
292	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	3	0	0
293	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	4	0	0
294	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	5	0	0
295	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	6	0	0
296	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	7	0	0
297	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	8	0	0
298	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	9	0	0
299	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	10	0	0
300	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	11	0	0
301	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53526	HARVEYS CREEK	Reservoir Intake From Dam	2006	0	0	12	0	0
302	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	1	0	0
303	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	2	0	0
304	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	3	0	0
305	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	4	0	0
306	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	5	0	0
307	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	6	0	0
308	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	7	0	0
309	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	8	0	0
310	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	9	0	0
311	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	10	0	0
312	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	11	0	0
313	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53528	N BRANCH, SUSQUEHANNA RIVER	Reservoir Intake From Dam	2006	0	0	12	0	0
314	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	1	0	0
315	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	2	0	0
316	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	3	0	0
317	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	4	0	0
318	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	5	0	0
319	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	6	0	0
320	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	7	0	0
321	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	8	0	0
322	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	9	0	0
323	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	10	0	0
324	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	11	0	0
325	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53529	PINE RUN	Reservoir Intake From Dam	2006	0	0	12	0	0
326	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	1	0	0
327	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	2	0	0
328	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	3	0	0
329	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	4	0	0
330	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	5	0	0
331	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	6	0	0
332	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	7	0	0
333	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	8	0	0
334	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	9	0	0
335	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	10	0	0
336	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	11	0	0
337	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53539	LAUREL RUN	Reservoir Intake From Dam	2006	0	0	12	0	0
338	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
339	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
340	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
341	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
342	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
343	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
344	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
345	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
346	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
347	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
348	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
349	87712	446349	19326	PA AMER WATER CO SPRINGBROOK DISTRICT	Water Purveyor	53545	WANAMIE	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
350	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	1	31	112570000
351	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	2	28	72435000
352	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	3	30	73920000
353	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	4	29	76820000
354	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	5	29	32410000
355	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	6	29	47180000
356	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	7	31	66930000
357	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	8	31	87690000
358	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	9	30	100360000
359	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	10	31	108520000
360	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	11	30	73145000
361	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2005	937270000	360	12	31	85290000
362	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	1	31	135545000
363	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	2	28	83730000
364	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	3	25	30700000
365	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	4	30	76730000
366	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	5	31	70850000
367	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	6	30	68735000
368	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	7	31	66325000
369	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	8	31	52715000
370	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	9	29	59860000
371	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	10	31	80285000
372	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	11	30	95280000
373	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2006	889950000	358	12	31	69195000
374	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	1	31	65660000
375	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	2	28	43870000
376	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	3	31	109200000
377	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	4	30	109055000
378	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	5	30	64135000
379	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	6	30	49925000
380	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	7	31	83480000
381	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	8	31	106680000
382	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	9	30	94406000
383	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	10	31	110555000
384	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	11	30	72395000

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
385	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	722	DRECK CREEK	Reservoir Intake From Dam	2007	975021000	364	12	31	65660000
386	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	1	11	6500000
387	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	2	28	13158000
388	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	3	21	7419000
389	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	4	5	3710000
390	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	5	31	25321000
391	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	6	30	18725000
392	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	7	30	24946000
393	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	8	0	0
394	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	9	0	0
395	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	10	7	466000
396	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	11	30	12533000
397	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2005	126849000	215	12	22	14071000
398	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	1	18	9516000
399	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	2	18	12117000
400	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	3	31	29887000
401	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	4	26	26471000
402	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	5	22	15513000
403	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	6	25	21610000
404	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	7	20	18786000
405	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	8	29	29325000
406	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	9	28	15240000
407	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	10	27	15444000
408	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	11	7	344000
409	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2006	194253000	251	12	0	0
410	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	1	15	11305000
411	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	2	28	24510000
412	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	3	31	16150000
413	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	4	30	19325000
414	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	5	24	8225000
415	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	6	26	14635000
416	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	7	13	5915000
417	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	8	8	1202000
418	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	9	7	1375000
419	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	10	16	4239000
420	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	11	30	18561000
421	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	724	MT PLEASANT	Reservoir Intake From Dam	2007	136747000	243	12	15	11305000
422	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	1	29	40404000
423	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	2	28	38441000
424	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	3	31	45326000
425	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	4	30	48778000
426	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	5	31	34937000
427	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	6	30	37491000
428	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	7	30	20418000
429	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	8	31	26209000
430	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	9	29	23423000
431	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	10	31	28680000
432	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	11	30	19253000
433	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2005	396317000	361	12	31	32957000
434	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	1	31	43067000
435	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	2	28	42596000
436	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	3	31	31122000
437	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	4	30	27816000
438	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	5	31	48866000
439	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	6	25	20065000
440	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	7	30	41430000
441	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	8	29	20265000
442	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	9	30	24455000
443	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	10	31	29925000
444	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	11	27	38750000
445	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2006	401413000	354	12	31	33056000
446	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	1	30	31415000
447	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	2	28	24400000
448	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	3	31	38255000
449	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	4	30	41985000
450	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	5	31	37715000
451	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	6	30	20344000
452	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	7	30	21540000
453	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	8	31	31377000
454	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	9	29	22535000
455	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	10	30	27419000
456	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	11	27	31588000
457	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	725	BARNES RUN	Reservoir Intake From Dam	2007	359988000	357	12	30	31415000
458	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	1	0	0
459	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	2	0	0
460	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	3	0	0
461	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	4	0	0
462	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	5	0	0
463	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	6	0	0
464	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	7	0	0
465	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	8	0	0
466	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	9	0	0
467	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	10	0	0
468	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	11	0	0
469	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2005	0	0	12	0	0
470	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	1	0	0
471	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	2	0	0
472	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	3	0	0
473	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	4	0	0
474	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	5	0	0
475	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	6	0	0
476	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	7	0	0
477	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	8	0	0
478	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	9	0	0
479	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	10	0	0
480	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	11	0	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
481	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2006	0	0	12	0	0
482	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	1	0	0
483	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	2	0	0
484	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	3	0	0
485	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	4	0	0
486	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	5	0	0
487	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	6	0	0
488	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	7	0	0
489	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	8	0	0
490	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	9	0	0
491	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	10	0	0
492	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	11	0	0
493	85679	447541	19327	HAZLETON CITY AUTH	Water Purveyor	726	HARLEIGH RESERVOIR	Reservoir Intake From Dam	2007	0	0	12	0	0
494	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	1	0	0
495	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	2	0	0
496	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	3	0	0
497	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	4	2	500000
498	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	5	4	1000000
499	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	6	8	2500000
500	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	7	8	3000000
501	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	8	16	5500000
502	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	9	1	50000
503	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	10	0	0
504	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	11	0	0
505	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	1206	POND	Pond	2006	12550000	39	12	0	0
506	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	1	0	0
507	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	2	0	0
508	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	3	0	0
509	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	4	0	0
510	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	5	0	0
511	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	6	0	0
512	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	7	6	2000000
513	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	8	8	3000000
514	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	9	2	1000000
515	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	10	0	0
516	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	11	0	0
517	38216	243760	27278	SUGARLOAF GOLF CLUB	Commercial Use	48698	BUCK MOUNTAIN STREAM	Instream Dvrsn-River,Stream,Creek Intake	2006	6000000	16	12	0	0
518	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	1	0	0
519	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	2	0	0
520	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	3	0	0
521	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	4	30	65551
522	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	5	31	179044
523	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	6	30	645929
524	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	7	31	1527121
525	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	8	31	3397752
526	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	9	30	97224
527	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	10	31	197838
528	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	11	15	2906
529	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2006	6113365	229	12	0	0
530	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	1	0	0
531	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	2	0	0
532	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	3	0	0
533	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	4	0	0
534	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	5	0	0
535	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	6	0	0
536	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	7	0	0
537	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	8	0	0
538	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	9	0	0
539	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	10	0	0
540	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	11	0	0
541	38218	243972	27404	VALLEY COUNTRY CLUB	Commercial Use	1341	POND 3	Pond	2007	0	0	12	0	0
542	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	1	0	0
543	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	2	0	0
544	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	3	0	0
545	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	4	17	1019500
546	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	5	31	2899700
547	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	6	30	1137700
548	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	7	31	2004300
549	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	8	31	3865100
550	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	9	5	206900
551	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	10	0	0
552	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	11	0	0
553	34540	260442	27415	WYOMING VALLEY COUNTRY CLUB	Commercial Use	1351	POND	Pond	2006	11133200	145	12	0	0
554	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	1	31	1242290000
555	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	2	29	1225470000
556	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	3	31	842040000
557	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	4	30	1092110000
558	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	5	31	1555010000
559	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	6	30	1574750000
560	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	7	31	1728660000
561	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	8	31	1697600000
562	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	9	30	1670120000
563	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	10	31	1491550000
564	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	11	30	1226280000
565	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2004	16683440000	366	12	31	1337560000
566	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	1	31	1353770000
567	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	2	28	1193148000
568	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	3	31	1010535000
569	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	4	30	1541192000
570	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	5	31	1565833000
571	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	6	30	1599887000
572	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	7	31	1693065000
573	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	8	31	1724410000
574	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	9	30	1646885000
575	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	10	31	1573371000
576	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	11	30	992799600

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
577	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2005	17258117600	365	12	31	1363222000
578	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	1	31	1178409680
579	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	2	28	1018387400
580	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	3	31	780615240
581	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	4	30	1069747350
582	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	5	31	1348427417
583	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	6	30	1485711900
584	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	7	31	1652230136
585	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	8	31	1666937401
586	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	9	30	1500096943
587	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	10	31	1084887612
588	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	11	30	1313922890
589	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2006	15376607035	365	12	31	1277233066
590	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	1	31	1191000000
591	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	2	28	1026000000
592	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	3	31	776000000
593	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	4	30	1072000000
594	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	5	31	1526000000
595	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	6	30	1599000000
596	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	7	31	1667000000
597	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	8	31	1678000000
598	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	9	30	1525000000
599	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	10	31	1275000000
600	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	11	30	1217000000
601	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2007	15704000000	365	12	31	1152000000
602	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	1	31	1144378804
603	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	2	29	1226463791
604	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	3	31	81980247
605	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	4	30	1070269151
606	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	5	31	1548884715
607	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	6	30	1649040480
608	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	7	31	1732414576
609	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	8	31	1688118016
610	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	9	30	1571722411
611	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	10	31	1537241212
612	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	11	30	1369943232
613	91667	250359	27590	PPL SUSQUEHANNA	Electric Use	2058	SUSQUEHANNA RIVER	Instream Dvrsn-River,Stream,Creek Intake	2008	16602029769	366	12	31	1243747134
614	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	1	31	758880000
615	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	2	28	684420000
616	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	3	28	695640000
617	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	4	28	681360000
618	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	5	31	1517760000
619	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	6	28	1381080000
620	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	7	27	1338240000
621	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	8	30	1446360000
622	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	9	27	1323960000
623	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	10	31	758880000
624	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	11	30	726240000
625	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2006	11986020000	347	12	28	673200000
626	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	1	31	953712000
627	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	2	28	889134000
628	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	3	31	1010124000
629	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	4	27	1089735000
630	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	5	31	1517760000
631	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	6	27	1254504000
632	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	7	30	1378662000
633	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	8	31	1460466000
634	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	9	30	1468800000
635	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	10	31	1517760000
636	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	11	27	1274748000
637	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2007	14825961000	352	12	28	1010556000
638	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	1	29	703228800
639	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	2	29	70992000
640	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	3	26	634572600
641	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	4	30	734400000
642	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	5	29	1402540800
643	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	6	30	1468800000
644	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	7	28	1370635200
645	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	8	31	1517760000
646	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	9	30	1468800000
647	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	10	21	1028914800
648	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	11	30	1459314000
649	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	2076	SUSQ RIVER CIRCULATING PUMP	Instream Dvrsn-River,Stream,Creek Intake	2008	12952592400	332	12	19	453706200
650	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	1	31	110325600
651	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	2	28	101127600
652	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	3	28	102513600
653	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	4	28	100749600
654	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	5	31	110325600
655	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	6	28	101883600
656	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	7	27	90972000
657	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	8	30	105915600
658	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	9	27	98355600
659	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	10	31	102009600
660	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	11	30	97977600
661	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1213632000	347	12	28	91476000
662	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	1	31	93744000
663	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	2	28	84672000
664	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	3	31	93870000
665	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	4	30	90846000
666	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	5	31	96390000
667	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	6	30	97870500
668	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	7	31	166446000
669	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	8	31	181314000
670	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	9	30	181440000
671	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	10	31	180054000
672	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	11	30	90720000

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
673	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1451425500	365	12	31	94059000
674	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	1	29	10345 1040
675	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	2	29	10427 7600
676	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	3	26	94969980
677	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	4	30	10730 1600
678	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	5	29	10320 9120
679	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	6	30	10730 1600
680	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	7	28	92972880
681	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	8	31	11032 5600
682	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	9	30	10730 1600
683	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	10	21	71816220
684	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	11	30	98399700
685	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48702	SUSQ RIVER SERVICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1165689000	332	12	19	64362060
686	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	1	31	98208000
687	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	2	28	88572000
688	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	3	28	90024000
689	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	4	28	88176000
690	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	5	31	98208000
691	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	6	28	89364000
692	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	7	27	86592000
693	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	8	30	93588000
694	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	9	27	85668000
695	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	10	31	98208000
696	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	11	30	93984000
697	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2006	1097712000	347	12	28	87120000
698	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	1	31	98208000
699	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	2	28	88704000
700	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	3	31	98208000
701	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	4	30	95040000
702	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	5	31	98208000
703	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	6	30	95040000
704	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	7	31	98208000
705	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	8	31	98208000
706	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	9	30	95040000
707	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	10	31	98208000
708	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	11	30	95040000
709	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2007	1156320000	365	12	31	98208000
710	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	1	29	91006080
711	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	2	29	91872000
712	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	3	26	82121160
713	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	4	30	95040000
714	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	5	29	90752640
715	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	6	30	95040000
716	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	7	28	88688160
717	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	8	31	98208000
718	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	9	30	95040000
719	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	10	21	66576840
720	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	11	30	94426200
721	72983	259080	27608	U G I LUZERNE E D HUNLOCK	Electric Use	48704	SUSQ RIVER ASH SLUICE PUMPS	Instream Dvrsn-River,Stream,Creek Intake	2008	1047486000	332	12	19	58714920
722	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	1	0	0
723	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	2	0	0
724	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	3	0	0
725	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	4	14	385270
726	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	5	5	155036
727	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	6	15	1547067
728	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	7	18	3907797
729	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	8	15	1983678
730	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	9	8	1656800
731	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	10	5	468900
732	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	11	0	0
733	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2004	10104548	80	12	0	0
734	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	1	0	0
735	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	2	0	0
736	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	3	0	0
737	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	4	12	828230
738	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	5	22	6227041
739	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	6	23	8532110
740	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	7	19	5900155
741	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	8	22	9739656
742	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	9	21	5289023
743	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	10	5	1315214
744	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	11	0	0
745	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2005	37831429	124	12	0	0
746	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	1	0	0
747	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	2	0	0
748	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	3	0	0
749	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	4	11	906337
750	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	5	18	2540100
751	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	6	16	3109029
752	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	7	19	3442259
753	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	8	21	7000850
754	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	9	2	1431
755	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	10	7	278047
756	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	11	1	142300
757	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2006	17420353	95	12	0	0
758	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	1	0	0
759	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	2	0	0
760	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	3	0	0
761	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	4	4	71120
762	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	5	27	6674586
763	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	6	18	5525418
764	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	7	22	4488057
765	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	8	16	5391240
766	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	9	16	4537624
767	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	10	8	1102257
768	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	11	0	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
769	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2007	27790302	111	12	0	0
770	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	1	0	0
771	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	2	0	0
772	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	3	0	0
773	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	4	16	643990
774	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	5	18	1067287
775	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	6	22	3935745
776	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	7	22	5377608
777	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	8	14	4688213
778	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	9	17	3497860
779	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	10	16	618792
780	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	11	5	494359
781	80586	446924	53998	HUNTSVILLE GOLF CLUB	Commercial Use	53999	MARKET STREET IRRIGATION POND	Pond	2008	20323854	130	12	0	0
782	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	1	0	0
783	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	2	0	0
784	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	3	0	0
785	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	4	6	62500
786	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	5	16	220700
787	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	6	9	89200
788	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	7	12	190000
789	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	8	22	502900
790	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	9	1	3300
791	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	10	4	24500
792	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	11	0	0
793	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2006	1093100	70	12	0	0
794	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	1	0	0
795	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	2	0	0
796	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	3	0	0
797	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	4	2	11400
798	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	5	21	305500
799	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	6	19	408500
800	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	7	16	400800
801	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	8	20	467200
802	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	9	16	440000
803	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	10	9	163500
804	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	11	1	700
805	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2007	2197600	104	12	0	0
806	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	1	0	0
807	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	2	0	0
808	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	3	0	0
809	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	4	8	103100
810	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	5	4	145100
811	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	6	11	204300
812	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	7	16	396900
813	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	8	15	389200
814	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	9	11	249500
815	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	10	7	173300
816	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	11	1	21900
817	234007	625899	56571	APPLEWOOD GC	Commercial Use	56572	LEWIS CREEK	Instream Dvrsn-River,Stream,Creek Intake	2008	1683300	73	12	0	0
818	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	1	0	0
819	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	2	0	0
820	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	3	0	0
821	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	4	0	0
822	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	5	0	0
823	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	6	0	0
824	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	7	2	360000
825	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	8	0	0
826	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	9	0	0
827	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	10	0	0
828	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	11	0	0
829	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	360000	2	12	0	0
830	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	1	0	0
831	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	2	0	0
832	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	3	0	0
833	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	4	0	0
834	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	5	0	0
835	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	6	0	0
836	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	7	0	0
837	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	8	0	0
838	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	9	0	0
839	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	10	0	0
840	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	11	0	0
841	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	12	0	0
842	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
843	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
844	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
845	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
846	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
847	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
848	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
849	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
850	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
851	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
852	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
853	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
854	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
855	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
856	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
857	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
858	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
859	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
860	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
861	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
862	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
863	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
864	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
865	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
866	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	1	0	0
867	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	2	0	0
868	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	3	0	0
869	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	4	0	0
870	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	5	0	0
871	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	6	0	0
872	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	7	4	2592000
873	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	8	0	0
874	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	9	0	0
875	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	10	0	0
876	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	11	0	0
877	188330	662342	56592	KARCHNER FARM	Agricultural Use	56593	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	2592000	4	12	0	0
878	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	1	0	0
879	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	2	0	0
880	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	3	0	0
881	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	4	0	0
882	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	5	0	0
883	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	6	0	0
884	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	7	0	0
885	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	8	0	0
886	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	9	0	0
887	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	10	0	0
888	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	11	0	0
889	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	12	0	0
890	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	1	0	0
891	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	2	0	0
892	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	3	0	0
893	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	4	0	0
894	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	5	0	0
895	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	6	0	0
896	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	7	0	0
897	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	8	0	0
898	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	9	0	0
899	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	10	0	0
900	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	11	0	0
901	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	12	0	0
902	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
903	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
904	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
905	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
906	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
907	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
908	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
909	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
910	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
911	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
912	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
913	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
914	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
915	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
916	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
917	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
918	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
919	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
920	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
921	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
922	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
923	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
924	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0
925	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
926	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	1	0	0
927	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	2	0	0
928	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	3	0	0
929	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	4	0	0
930	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	5	0	0
931	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	6	0	0
932	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	7	0	0
933	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	8	0	0
934	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	9	0	0
935	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	10	0	0
936	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	11	0	0
937	188330	662342	56592	KARCHNER FARM	Agricultural Use	56594	INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	12	0	0
938	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	1	0	0
939	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	2	0	0
940	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	3	0	0
941	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	4	0	0
942	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	5	0	0
943	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	6	0	0
944	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	7	2	864000
945	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	8	0	0
946	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	9	0	0
947	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	10	0	0
948	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	11	0	0
949	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	864000	2	12	0	0
950	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	1	0	0
951	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	2	0	0
952	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	3	0	0
953	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	4	0	0
954	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	5	0	0
955	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	6	0	0
956	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	7	0	0
957	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	8	0	0
958	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	9	0	0
959	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	10	0	0
960	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	11	0	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
961	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	12	0	0
962	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
963	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
964	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
965	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
966	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
967	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
968	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
969	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
970	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
971	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
972	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
973	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
974	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
975	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
976	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
977	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
978	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
979	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
980	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
981	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
982	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
983	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
984	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0
985	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
986	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	1	0	0
987	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	2	0	0
988	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	3	0	0
989	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	4	0	0
990	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	5	0	0
991	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	6	0	0
992	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	7	0	0
993	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	8	0	0
994	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	9	0	0
995	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	10	0	0
996	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	11	0	0
997	188330	662342	56592	KARCHNER FARM	Agricultural Use	56595	INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	12	0	0
998	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	1	0	0
999	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	2	0	0
1000	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	3	0	0
1001	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	4	0	0
1002	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	5	0	0
1003	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	6	0	0
1004	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	7	0	0
1005	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	8	0	0
1006	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	9	0	0
1007	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	10	0	0
1008	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	11	0	0
1009	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	12	0	0
1010	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	1	0	0
1011	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	2	0	0
1012	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	3	0	0
1013	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	4	0	0
1014	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	5	0	0
1015	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	6	0	0
1016	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	7	4	2520000
1017	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	8	0	0
1018	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	9	0	0
1019	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	10	0	0
1020	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	11	0	0
1021	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	2520000	4	12	0	0
1022	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
1023	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
1024	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
1025	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
1026	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
1027	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
1028	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
1029	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
1030	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
1031	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
1032	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
1033	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
1034	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
1035	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
1036	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
1037	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
1038	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
1039	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
1040	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
1041	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
1042	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
1043	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
1044	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0
1045	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56597	RIVER INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
1046	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	1	0	0
1047	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	2	0	0
1048	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	3	0	0
1049	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	4	0	0
1050	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	5	0	0
1051	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	6	0	0
1052	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	7	0	0
1053	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	8	0	0
1054	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	9	0	0
1055	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	10	0	0
1056	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	11	0	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1057	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	12	0	0
1058	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	1	0	0
1059	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	2	0	0
1060	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	3	0	0
1061	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	4	0	0
1062	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	5	0	0
1063	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	6	0	0
1064	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	7	4	1800000
1065	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	8	0	0
1066	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	9	0	0
1067	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	10	0	0
1068	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	11	0	0
1069	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2005	1800000	4	12	0	0
1070	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
1071	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
1072	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
1073	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
1074	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
1075	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
1076	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
1077	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
1078	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
1079	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
1080	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
1081	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
1082	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
1083	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
1084	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
1085	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
1086	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
1087	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
1088	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
1089	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
1090	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
1091	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
1092	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0
1093	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56598	RIVER INTAKE 2	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
1094	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	1	0	0
1095	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	2	0	0
1096	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	3	0	0
1097	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	4	0	0
1098	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	5	0	0
1099	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	6	0	0
1100	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	7	0	0
1101	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	8	0	0
1102	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	9	0	0
1103	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	10	0	0
1104	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	11	0	0
1105	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	12	0	0
1106	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	1	0	0
1107	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	2	0	0
1108	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	3	0	0
1109	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	4	0	0
1110	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	5	0	0
1111	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	6	0	0
1112	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	7	2	1008000
1113	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	8	0	0
1114	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	9	0	0
1115	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	10	0	0
1116	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	11	0	0
1117	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2005	1008000	2	12	0	0
1118	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
1119	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
1120	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
1121	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
1122	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
1123	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
1124	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
1125	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
1126	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
1127	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
1128	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
1129	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
1130	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
1131	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
1132	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
1133	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
1134	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
1135	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
1136	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
1137	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
1138	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
1139	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
1140	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0
1141	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56599	RIVER INTAKE 3	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
1142	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	1	0	0
1143	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	2	0	0
1144	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	3	0	0
1145	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	4	0	0
1146	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	5	0	0
1147	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	6	0	0
1148	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	7	0	0
1149	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	8	0	0
1150	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	9	0	0
1151	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	10	0	0
1152	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	11	0	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1153	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	12	0	0
1154	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	1	0	0
1155	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	2	0	0
1156	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	3	0	0
1157	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	4	0	0
1158	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	5	0	0
1159	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	6	0	0
1160	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	7	0	0
1161	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	8	0	0
1162	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	9	0	0
1163	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	10	0	0
1164	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	11	0	0
1165	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	12	0	0
1166	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
1167	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
1168	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
1169	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
1170	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
1171	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
1172	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
1173	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
1174	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
1175	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
1176	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
1177	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
1178	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
1179	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
1180	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
1181	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
1182	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
1183	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
1184	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
1185	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
1186	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
1187	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
1188	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0
1189	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56600	RIVER INTAKE 4	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
1190	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	1	0	0
1191	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	2	0	0
1192	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	3	0	0
1193	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	4	0	0
1194	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	5	0	0
1195	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	6	0	0
1196	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	7	0	0
1197	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	8	0	0
1198	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	9	0	0
1199	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	10	0	0
1200	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	11	0	0
1201	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	12	0	0
1202	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	1	0	0
1203	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	2	0	0
1204	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	3	0	0
1205	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	4	0	0
1206	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	5	0	0
1207	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	6	0	0
1208	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	7	0	0
1209	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	8	0	0
1210	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	9	0	0
1211	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	10	0	0
1212	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	11	0	0
1213	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	12	0	0
1214	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
1215	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
1216	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
1217	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
1218	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
1219	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
1220	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
1221	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
1222	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
1223	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
1224	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
1225	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
1226	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
1227	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
1228	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
1229	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
1230	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
1231	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
1232	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
1233	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
1234	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
1235	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
1236	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0
1237	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56601	RIVER INTAKE 5	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
1238	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	1	0	0
1239	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	2	0	0
1240	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	3	0	0
1241	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	4	0	0
1242	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	5	0	0
1243	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	6	0	0
1244	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	7	0	0
1245	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	8	0	0
1246	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	9	0	0
1247	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	10	0	0
1248	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	11	0	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1249	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	12	0	0
1250	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	1	0	0
1251	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	2	0	0
1252	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	3	0	0
1253	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	4	0	0
1254	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	5	0	0
1255	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	6	0	0
1256	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	7	0	0
1257	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	8	0	0
1258	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	9	0	0
1259	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	10	0	0
1260	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	11	0	0
1261	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	12	0	0
1262	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
1263	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
1264	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
1265	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
1266	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
1267	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
1268	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
1269	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
1270	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
1271	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
1272	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
1273	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
1274	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	1	0	0
1275	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	2	0	0
1276	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	3	0	0
1277	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	4	0	0
1278	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	5	0	0
1279	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	6	0	0
1280	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	7	0	0
1281	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	8	2	864000
1282	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	9	0	0
1283	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	10	0	0
1284	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	11	0	0
1285	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56602	RIVER INTAKE 6	Instream Dvrsn-River,Stream,Creek Intake	2007	864000	2	12	0	0
1286	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	1	0	0
1287	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	2	0	0
1288	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	3	0	0
1289	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	4	0	0
1290	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	5	0	0
1291	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	6	0	0
1292	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	7	0	0
1293	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	8	0	0
1294	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	9	0	0
1295	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	10	0	0
1296	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	11	0	0
1297	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	12	0	0
1298	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	1	0	0
1299	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	2	0	0
1300	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	3	0	0
1301	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	4	0	0
1302	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	5	0	0
1303	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	6	0	0
1304	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	7	0	0
1305	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	8	0	0
1306	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	9	0	0
1307	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	10	0	0
1308	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	11	0	0
1309	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	12	0	0
1310	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
1311	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
1312	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
1313	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
1314	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
1315	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
1316	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
1317	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
1318	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
1319	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
1320	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
1321	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
1322	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
1323	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
1324	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
1325	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
1326	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
1327	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
1328	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
1329	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
1330	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
1331	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
1332	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0
1333	188330	662343	56596	PPL FARMS NESCOPECK TWP LUZERNE CNTY	Agricultural Use	56603	RIVER INTAKE 7	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
1334	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	1	0	0
1335	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	2	0	0
1336	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	3	0	0
1337	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	4	0	0
1338	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	5	0	0
1339	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	6	0	0
1340	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	7	0	0
1341	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	8	0	0
1342	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	9	0	0
1343	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	10	0	0
1344	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	11	0	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1345	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	0	0	12	0	0
1346	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	1	0	0
1347	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	2	0	0
1348	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	3	0	0
1349	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	4	0	0
1350	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	5	0	0
1351	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	6	0	0
1352	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	7	0	0
1353	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	8	0	0
1354	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	9	0	0
1355	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	10	0	0
1356	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	11	0	0
1357	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	0	0	12	0	0
1358	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
1359	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
1360	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
1361	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
1362	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
1363	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
1364	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
1365	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
1366	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
1367	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
1368	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0
1369	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
1370	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	1	0	0
1371	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	2	0	0
1372	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	3	0	0
1373	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	4	0	0
1374	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	5	0	0
1375	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	6	0	0
1376	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	7	0	0
1377	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	8	0	0
1378	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	9	0	0
1379	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	10	0	0
1380	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	11	0	0
1381	188330	672341	57503	SHAFARA FARM	Agricultural Use	57539	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	12	0	0
1382	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	1	0	0
1383	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	2	0	0
1384	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	3	0	0
1385	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	4	0	0
1386	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	5	0	0
1387	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	6	0	0
1388	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	7	0	0
1389	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	8	0	0
1390	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	9	0	0
1391	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	10	0	0
1392	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	11	0	0
1393	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2004	0	0	12	0	0
1394	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	1872000	3	2	0	0
1395	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	1872000	3	3	0	0
1396	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	1872000	3	4	0	0
1397	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	1872000	3	5	0	0
1398	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	1872000	3	6	3	1872000
1399	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	1872000	3	7	0	0
1400	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	1872000	3	8	0	0
1401	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	1872000	3	9	0	0
1402	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	1872000	3	10	0	0
1403	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	1872000	3	11	0	0
1404	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2005	1872000	3	12	0	0
1405	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	1	0	0
1406	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	2	0	0
1407	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	3	0	0
1408	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	4	0	0
1409	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	5	0	0
1410	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	6	2	1296000
1411	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	7	0	0
1412	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	8	0	0
1413	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	9	0	0
1414	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	10	0	0
1415	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	11	0	0
1416	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2006	1296000	2	12	0	0
1417	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	1	0	0
1418	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	2	0	0
1419	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	3	0	0
1420	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	4	0	0
1421	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	5	0	0
1422	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	6	0	0
1423	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	7	0	0
1424	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	8	0	0
1425	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	9	0	0
1426	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	10	0	0
1427	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	11	0	0
1428	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2007	0	0	12	0	0
1429	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	1	0	0
1430	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	2	0	0
1431	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	3	0	0
1432	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	4	0	0
1433	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	5	0	0
1434	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	6	0	0
1435	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	7	0	0
1436	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	8	0	0
1437	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	9	0	0
1438	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	10	0	0
1439	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	11	0	0
1440	188330	672354	57551	FOSTER FARM	Agricultural Use	57553	INTAKE 1	Instream Dvrsn-River,Stream,Creek Intake	2008	0	0	12	0	0