CALCULATING AND REPORTING CORRECTED STORAGE POND VALUES

For facilities utilizing storage ponds as diversion sources: Surface water sources may require a calculation to avoid double counting water that is pumped from wells or other sources into storage ponds. In cases where a well(s) or other source feeds a storage pond, the metered pond diversion is adjusted for the quantity of water received from the well(s) or other source and this CORRECTED value for the storage pond is recorded on the form.

In the following examples, Well 1 feeds Pond 1

1) If the monthly total volume of well water pumped to the storage pond is greater than or equal to the monthly storage pond diversion, the storage pond diversion is to be reported as "0".

Pond Diversion less than supplementing well diversion

Subject Item		April	May	June
WSIN 68371 – Intake 1, Pond	Metered Diversion Quantity	1.000	4.300	8.500
WSWL 68369 – 3900004929, Well 1	Metered Diversion Quantity	2.500	4.300	9.123
Monthly Pond Diversion CORRECTED Value to Report =		*0*	*0*	*0*
Monthly Well Diversion to Record/Report =		*2.500*	*4.300*	*9.123*

2) If the monthly total volume of well water pumped to the storage pond is less than the monthly storage pond diversion, the storage pond diversion is to be reduced by the quantity of well water pumped into the storage pond.

Pond Diversion greater than supplementing well diversion

Corrected Storage Pond Diversion = Pond Diversion – Well(s)

Subject Item		April	May	June
WSIN 68371 – Intake 1, Pond	Metered Diversion Quantity	4.000	8.000	15.000
WSWL 68369 – 3900004929, Well 1	Metered Diversion Quantity	2.500	4.300	9.123
Monthly Pond Diversion CORRECTED Value to Report =		*1.500*	*3.700*	*5.877*
Monthly Well Diversion to Report =		*2.500*	*4.300*	*9.123*

*Please call the Bureau of Water Allocation at (609) 292-2957 with any questions on calculating storage pond diversions.

Converting Gallons to Million Gallons

To convert Gallons to Million Gallons, divide the total number of gallons by one million (1,000,000).
Example: 365,000 Gallons = 0.365 Millions Gallons

Instead of reporting diversion in Gallons	Report diversion in Million Gallons
1,000,000	1.000
100,000	0.100
10,000	0.010
1,000	0.001