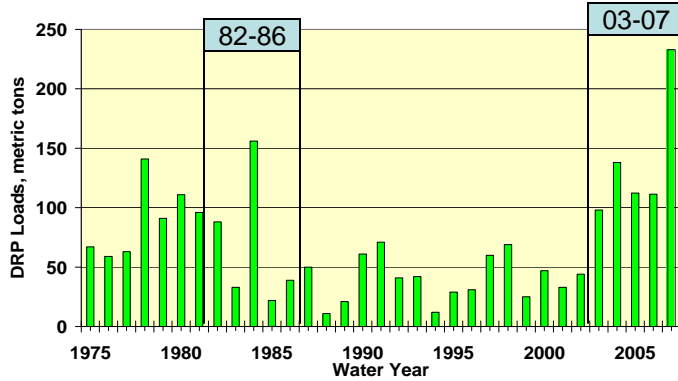


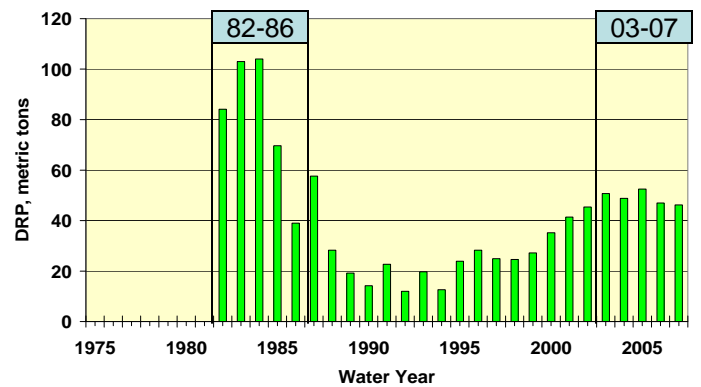
# A comparison of trends in dissolved (DRP) and total phosphorus (TP) export from the Sandusky and Cuyahoga Rivers.

(Note that in the Sandusky River, DRP loads and concentrations increased between the 1982-86 period and the 2003-07 period. In the Cuyahoga River, DRP loads and concentrations decreased between these two 5-year periods.)

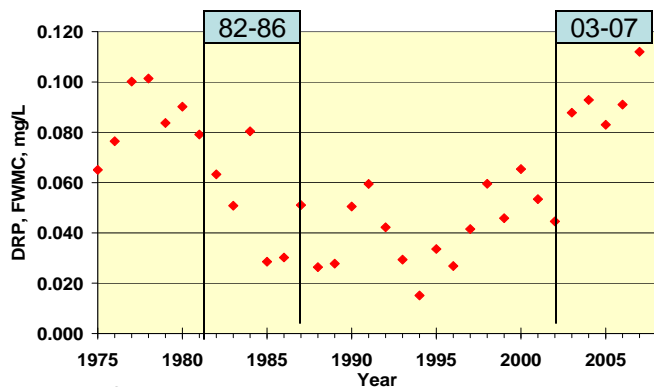
**Sandusky River, Dissolved Reactive Phos. Loads**



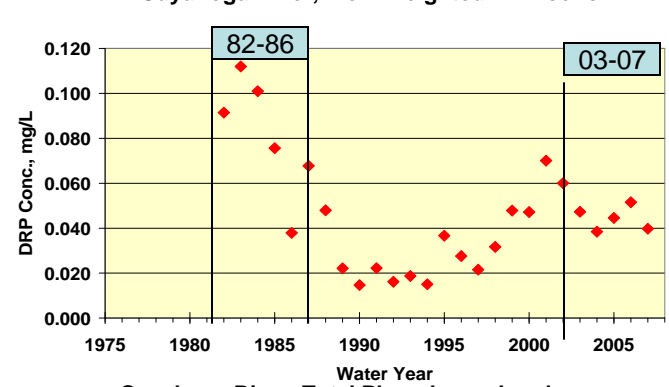
**Cuyahoga River, DRP loads through 2007 WY**



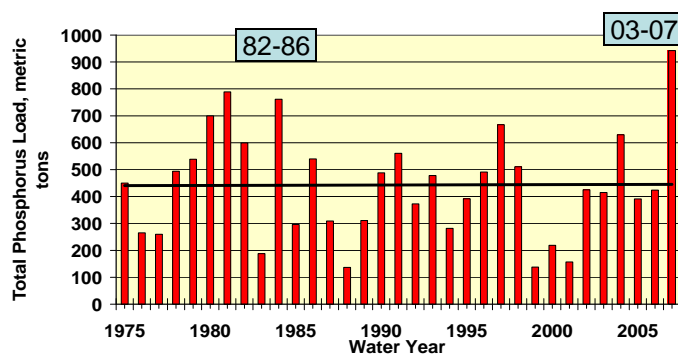
**Sandusky River, Flow Weighted DRP concentrations**



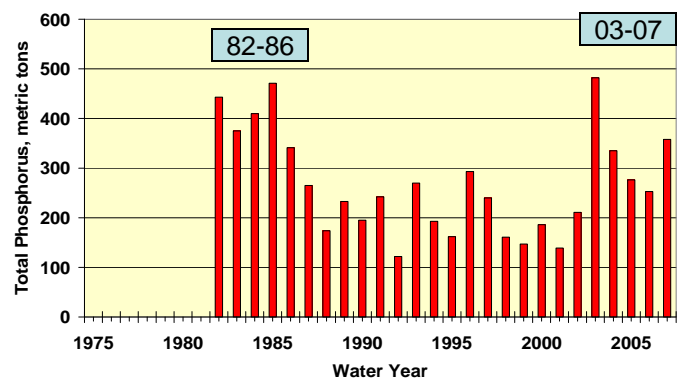
**Cuyahoga River, Flow Weighted DRP conc.**



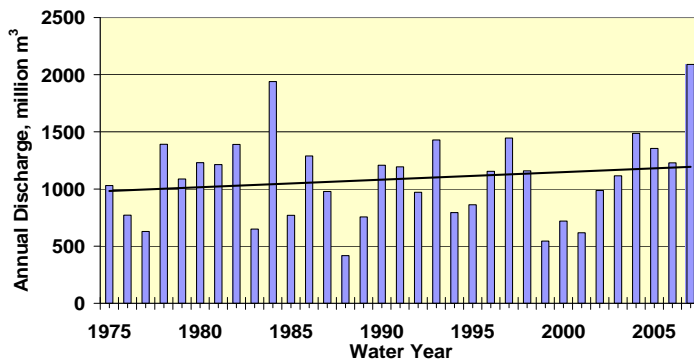
**Sandusky River, Total Phosphorus, Metric Tons**



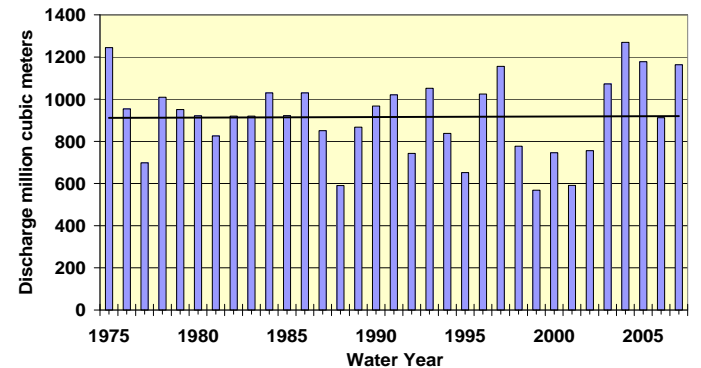
**Cuyahoga River, Total Phosphorus Loads**



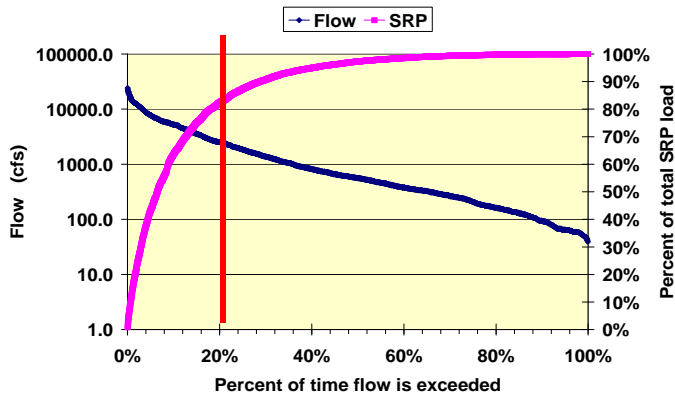
**Sandusky River, Annual Discharge**



**Cuyahoga River, Annual Discharge**



Sandusky River 10/1/2003 - 9/30/2007

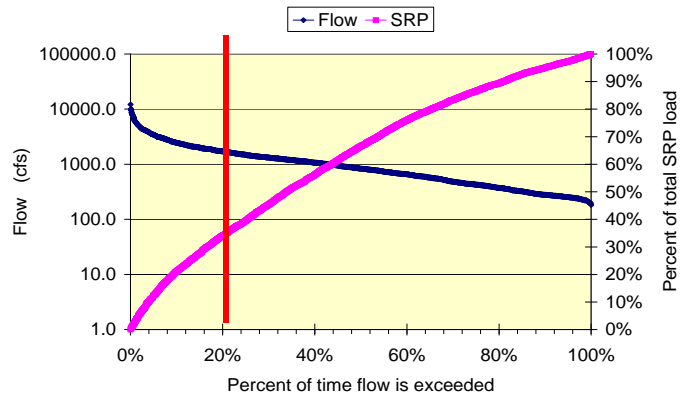


High Flow

Low Flow

In the Sandusky River, the upper 20% of the flows export ~82% of the dissolved reactive phosphorus.

Cuyahoga River 10/1/2003 - 9/30/2007

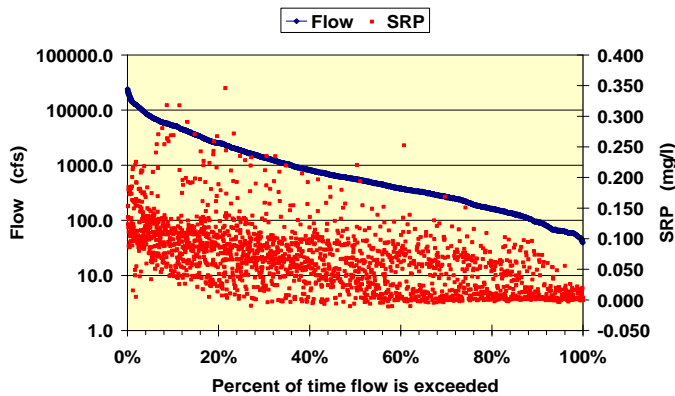


High Flow

Low Flow

In the Cuyahoga River the upper 20% of the flows export ~35% of the dissolved reactive phosphorus.

Sandusky River 10/1/2003 - 9/30/2007

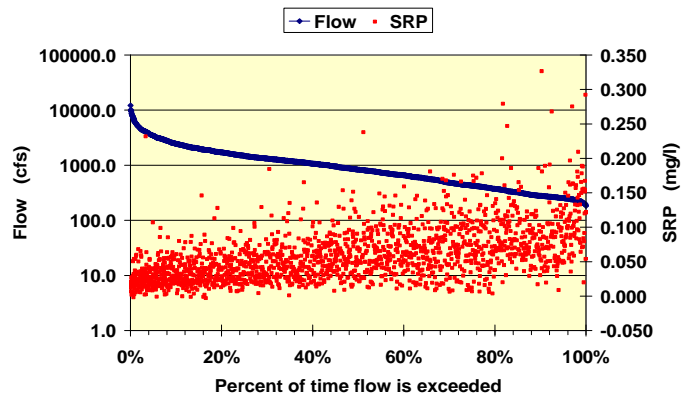


High Flow

Low Flow

In the Sandusky River the dissolved phosphorus concentration increase as flow increases, indicating nonpoint source origins of DRP.

Cuyahoga River 10/1/2003 - 9/30/2007



High Flow

Low Flow

In the Cuyahoga River the dissolved phosphorus concentration increases as flow decreases, indicating point source origins of DRP.