

# Q9H012Q01: PO4(P) At Brandt Legte Piggots Bridge on Groot-Visrivier... 1998-01-01 to 2007-12-31

Flow data: /hri/db/wqs/db/flow/q9h012a01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	28	624791	23409	35326
3642 loads calculated: Log flow range = 5.09 to 7.90	1999	29	472457	23937	30342
Method 1: $\text{Sum}(q^*c)/n = 104 \text{ kg PO4(P)/ day}$	2000	26	1139218	51669	48983
Method 2: $(q\_avg * c\_sum)/n = 102 \text{ kg PO4(P)/ day}$	2001	26	756729	57962	39207
Method 3: $(q\_avg * \text{Sum}(q^*c))/n = 104 \text{ kg PO4(P)/ day}$	2002	10	701848	50353	37634
Regression: $\log c = -0.456 * \log q + 1.482$ $r^2 = 0.08$	2003	19	570798	27953	33630
Method 4: $(\text{Sum}(q^*c)/n)^{(n * q\_avg / \text{Sum}(q))^{(slope+1)}} = 104 \text{ kg PO4(P)/ day}$	2004	22	635650	32068	35659
	2005	25	679904	37144	36989
	2006	25	1022256	36606	46179
	2007	23	566573	15459	33495

