

**Dongjiang Water Quality for the Period of April 2016 - March 2017  
as received in Hong Kong at Muk Wu Pumping Station**

**Part B. Parameters illustrating the effect of the Dong-shen dedicated aqueduct on water quality**

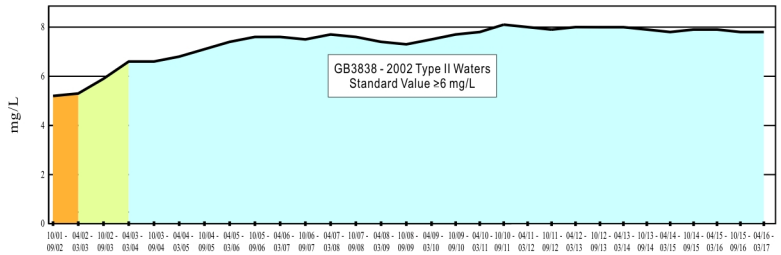
**General Points**

- Phase I of dedicated aqueduct was commissioned on 18 January 2003.
- The whole dedicated aqueduct (Phases I and II) was commissioned on 28 June 2003.
- The figures below are averages.

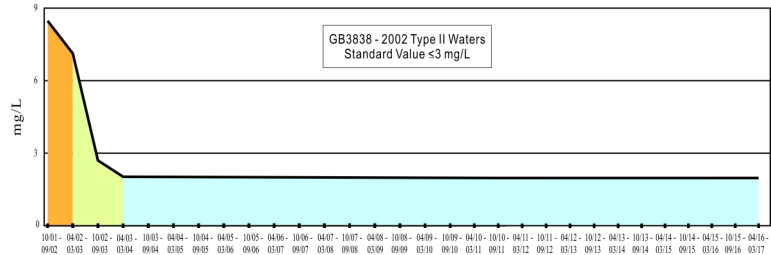
Period	Dissolved Oxygen (mg/L)	5-Day Biochemical Oxygen Demand (BOD <sub>5</sub> ) (mg/L)	Total Phosphorus (as P) (mg/L)	Nitrate (as N) (mg/L)	Manganese (mg/L)
GB3838-2002 Type II Standard Value	≥6	≤3	≤0.1	≤10	≤0.1
October 2001 to September 2002	5.2	8.5	0.28	3.6	0.12
April 2002 to March 2003	5.3	7.1	0.27	3.8	0.11
October 2002 to September 2003	5.9	2.7	0.17	3.0	0.08
April 2003 to March 2004	6.6	<2.0	0.10	2.2	0.05
October 2003 to September 2004	6.6	<2.0	0.094	2.2	0.04
April 2004 to March 2005	6.8	<2.0	0.082	2.1	0.04
October 2004 to September 2005	7.1	<2.0	0.088	1.7	0.05
April 2005 to March 2006	7.4	<2.0	0.072	1.4	0.04
October 2005 to September 2006	7.6	<2.0	0.052	1.3	0.04
April 2006 to March 2007	7.6	<2.0	0.053	1.4	0.04
October 2006 to September 2007	7.5	<2.0	0.037	1.5	0.04
April 2007 to March 2008	7.7	<2.0	0.041	1.5	0.04
October 2007 to September 2008	7.6	<2.0	0.045	1.6	0.03
April 2008 to March 2009	7.4	<2.0	0.043	1.5	0.03
October 2008 to September 2009	7.3	<2.0	0.047	1.8	0.03
April 2009 to March 2010	7.5	<2.0	0.050	1.9	0.03
October 2009 to September 2010	7.7	<2.0	0.049	1.9	0.03
April 2010 to March 2011	7.8	<2.0	0.045	1.8	0.03
October 2010 to September 2011	8.1	<2.0	0.043	1.8	0.03
April 2011 to March 2012	8.0	<2.0	0.046	2.0	0.03
October 2011 to September 2012	7.9	<2.0	0.047	2.1	0.03
April 2012 to March 2013	8.0	<2.0	0.043	2.0	0.03
October 2012 to September 2013	8.0	<2.0	0.043	1.9	0.03
April 2013 to March 2014	8.0	<2.0	0.042	1.7	0.02
October 2013 to September 2014	7.9	<2.0	0.047	1.7	0.03
April 2014 to March 2015	7.8	<2.0	0.048	1.8	0.03
October 2014 to September 2015	7.9	<2.0	0.057	2.0	0.03
April 2015 to March 2016	7.9	<2.0	0.064	1.9	0.03
October 2015 to September 2016	7.8	<2.0	0.055	1.6	0.03
April 2016 to March 2017	7.8	<2.0	0.050	1.5	0.03

	Before commissioning of the whole dedicated aqueduct
	Commissioning of the dedicated aqueduct in phases
	After commissioning of the whole dedicated aqueduct

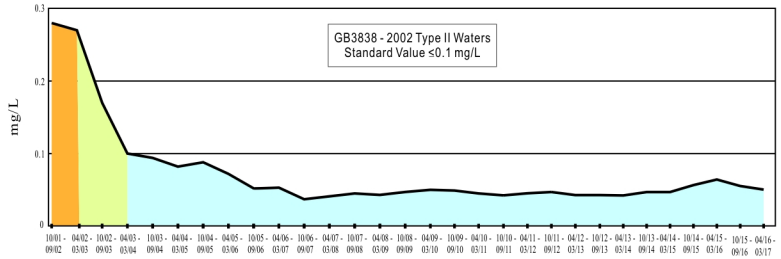
Dissolved Oxygen



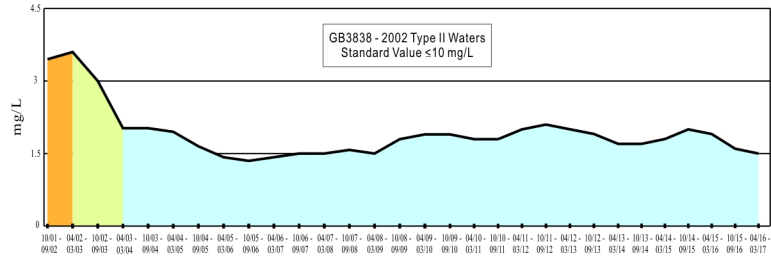
5-Day Biochemical Oxygen Demand (BOD5)



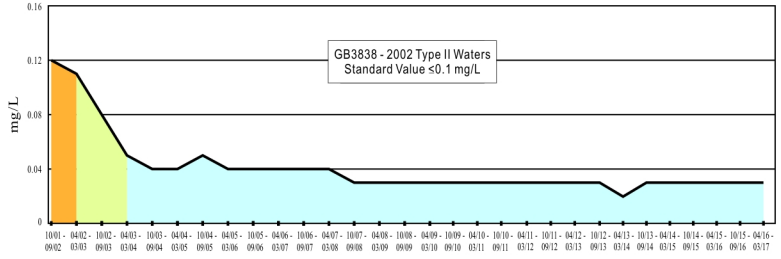
Total Phosphorus



Nitrate



Manganese



Before commissioning of the whole dedicated aqueduct
  Commissioning of the dedicated aqueduct in phases
  After commissioning of the whole dedicated aqueduct