

Parameter	Start date	End date	Class	Error code	Description	Flagged by	Value
Conductivity			Llimit	Critical	Below physical limit	Greg O'Donnell	50
% Dissolved oxygen			Llimit	Critical	Below physical limit	Greg O'Donnell	20
Dissolved oxygen			Llimit	Critical	Below physical limit	Greg O'Donnell	2
pH			Llimit	Critical	Below physical limit	Greg O'Donnell	6.5
Turbidity			Llimit	Critical	Below physical limit	Nick Barber	0
Chlorophyll a			Llimit	Critical	Below physical limit	Greg O'Donnell	0
All	20/04/2011 02:04	20/04/2011 14:04	Timeseries	Critical	No data - power loss	Nick Barber	
Turbidity	08/05/2011 12:34	17/05/2011 07:34	Timeseries	Critical	No valid turbidity data	Nick Barber	
% Dissolved oxygen	08/05/2011 00:04	24/06/2011 15:04	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
Dissolved oxygen	08/05/2011 00:04	24/06/2011 15:04	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
All	17/05/2011 07:04	17/05/2011 14:34	Timeseries	Critical	No data - engineer on site for maintenance	Nick Barber	
All	24/06/2011 11:04	24/06/2011 15:04	Timeseries	Critical	No data - power loss	Nick Barber	
Turbidity	29/08/2011 11:04	29/08/2011 11:04	Event	Critical	Erroneous spike	Nick Barber	
pH	14/09/2011 07:04	14/09/2011 12:04	Timeseries	Critical	Poor data	Nick Barber	
All	20/09/2011 09:34	20/09/2011 16:34	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	06/10/2011 10:04	06/10/2011 15:34	Timeseries	Critical	No data - engineer on site for maintenance	Nick Barber	
All	24/11/2011 12:34	24/11/2011 16:04	Timeseries	Critical	No data - sonde calibration	Nick Barber	
% Dissolved oxygen	16/12/2011 00:04	27/01/2012 16:04	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
Dissolved oxygen	16/12/2011 00:04	27/01/2012 16:04	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
Turbidity	04/01/2012 21:34	04/01/2012 21:34	Event	Critical	Erroneous spikes	Nick Barber	
pH	04/01/2012 21:34	04/01/2012 21:34	Event	Critical	Erroneous spike	Nick Barber	
All	27/01/2012 12:34	27/01/2012 16:04	Timeseries	Critical	No data - sonde calibration	Nick Barber	

Conductivity	24/01/2012 05:04	24/01/2012 06:34	Timeseries	Critical	Erroneous spikes	Nick Barber	
All	28/03/2012 09:34	28/03/2012 14:34	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	07/05/2012 12:04	07/05/2012 16:34	Timeseries	Critical	No data - power loss	Nick Barber	
pH	17/05/2012 09:04	17/05/2012 09:04	Event	Critical	Erroneous spike	Nick Barber	
All	21/05/2012 15:04	21/05/2012 19:04	Timeseries	Critical	No data - power loss	Nick Barber	
All	24/05/2012 11:04	26/05/2012 00:04	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	30/05/2012 02:34	30/05/2012 05:34	Timeseries	Critical	No data - power loss	Nick Barber	
All	11/06/2012 12:34	11/06/2012 15:49	Timeseries	Critical	No data - power loss	Nick Barber	
pH	12/06/2012 14:04	12/06/2012 14:04	Event	Critical	Erroneous spike	Nick Barber	
All	04/07/2012 10:49	04/07/2012 15:49	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	05/09/2012 12:34	05/09/2012 15:49	Timeseries	Critical	No data - sonde calibration	Nick Barber	
% Dissolved oxygen	16/09/2012 13:04	26/02/2013 15:34	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
Dissolved oxygen	16/09/2012 13:04	26/02/2013 15:34	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
All	16/09/2012 13:34	18/09/2012 14:04	Timeseries	Critical	No data - sonde calibration	Nick Barber	
pH	12/11/2012 14:34	12/11/2012 14:34	Event	Critical	Erroneous spike	Nick Barber	
All	04/10/2012 21:34	05/10/2012 00:04	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	13/11/2012 20:04	13/11/2012 23:49	Timeseries	Critical	No data - power loss	Nick Barber	
All	06/12/2012 11:19	07/12/2012 14:19	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	11/12/2012 11:19	11/12/2012 13:04	Timeseries	Critical	No data - sonde calibration	Nick Barber	
Turbidity	26/12/2012 12:04	26/12/2012 12:04	Event	Critical	Erroneous spike	Nick Barber	
All	05/01/2013	05/01/2013	Timeseries	Critical	No data	Nick Barber	

	13:49	17:49					
All	27/01/2013 19:49	28/01/2013 00:04	Timeseries	Critical	No data	Nick Barber	
All	07/02/2013 20:04	08/02/2013 00:19	Timeseries	Critical	No data	Nick Barber	
All	26/02/2013 12:19	26/02/2013 15:04	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	05/03/2013 15:04	05/03/2013 19:04	Timeseries	Critical	No data	Nick Barber	
All	23/04/2013 02:49	23/04/2013 05:49	Timeseries	Critical	No data	Nick Barber	
All	01/05/2013 10:34	01/05/2013 14:49	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	08/05/2013 20:04	09/05/2013 20:04	Timeseries	Critical	No data	Nick Barber	
All	09/05/2013 08:04	09/05/2013 12:04	Timeseries	Critical	No data	Nick Barber	
All	09/05/2013 14:04	09/05/2013 17:49	Timeseries	Critical	No data	Nick Barber	
All	24/05/2013 14:04	29/05/2013 14:19	Timeseries	Critical	Pump tubing split	Matt Perks	
All	13/06/2013 10:34	13/06/2013 14:34	Timeseries	Critical	No data - sonde calibration	Nick Barber	
% Dissolved oxygen	03/07/2013 23:49	16/08/2013 16:04	Timeseries	Critical	Faulty DO membrane	Matt Perks	
Dissolved oxygen	03/07/2013 23:49	16/08/2013 16:04	Timeseries	Critical	Faulty DO membrane	Matt Perks	
Turbidity	06/07/2013 10:04	06/07/2013 12:04	Timeseries	Critical	Erroneous spikes	Nick Barber	
All	13/06/2013 10:34	13/06/2013 14:34	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	08/08/2013 20:04	09/08/2013 00:04	Timeseries	Critical	No data	Nick Barber	
All	16/08/2013 10:19	16/08/2013 14:34	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	10/09/2013 20:49	18/09/2013 11:49	Timeseries	Critical	Pump tubing split	Matt Perks	
% Dissolved oxygen	22/09/2013 00:04	08/10/2013 14:49	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
Dissolved oxygen	22/09/2013 00:04	08/10/2013 14:49	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	

% Dissolved oxygen	03/10/2013 17:49	08/10/2013 14:49	Timeseries	Critical	Dissolved Oxygen membrane issue	Matt Perks	
Dissolved oxygen	03/10/2013 17:49	08/10/2013 14:49	Timeseries	Critical	Dissolved Oxygen membrane issue	Matt Perks	
All	07/10/2013 15:04	08/10/2013 13:49	Timeseries	Critical	No data	Nick Barber	
All	23/10/2013 02:04	23/10/2013 06:04	Timeseries	Critical	No data	Nick Barber	
All	27/10/2013 02:04	27/10/2013 08:19	Timeseries	Critical	No data	Nick Barber	
pH	12/11/2013 15:34	12/11/2013 15:34	Event	Critical	Erroneous spike	Nick Barber	
% Dissolved oxygen	27/11/2013 00:04	12/12/2013 13:04	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
Dissolved oxygen	27/11/2013 00:04	12/12/2013 13:04	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
All	04/12/2013 12:19	04/12/2013 16:49	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	25/12/2013 14:49	25/12/2013 14:04	Timeseries	Critical	No data	Nick Barber	
Turbidity	29/12/2013 11:19	29/12/2013 12:49	Timeseries	Critical	Erroneous data	Nick Barber	
All	30/12/2013 20:49	07/01/2014 11:04	Timeseries	Critical	No data - pump tubing split	Nick Barber	
All	13/01/2014 11:04	14/01/2014 16:04	Timeseries	Critical	No data - loss of power	Nick Barber	
All	03/02/2014 09:34	03/02/2014 15:34	Timeseries	Critical	No data - sonde calibration	Nick Barber	
% Dissolved oxygen	05/03/2014 00:04	26/03/2014 15:34	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
Dissolved oxygen	05/03/2014 00:04	26/03/2014 15:34	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
All	26/03/2014 09:34	26/03/2014 15:34	Timeseries	Critical	No data - sonde calibration	Nick Barber	
All	13/05/2014 01:34	13/05/2014 09:34	Timeseries	Critical	No data - loss of power	Nick Barber	
All	13/05/2014 15:04	14/05/2014 00:04	Timeseries	Critical	No data - loss of power	Nick Barber	
All	14/05/2014 13:34	14/05/2014 22:04	Timeseries	Critical	No data - loss of power	Nick Barber	
All	15/05/2014	15/05/2014	Timeseries	Critical	No data - loss of power	Nick Barber	

	05:34	10:04					
% Dissolved oxygen	16/05/2014 00:04	04/06/2014 13:34	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
Dissolved oxygen	16/05/2014 00:04	04/06/2014 13:34	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
All	23/05/2014 14:34	23/05/2014 23:04	Timeseries	Critical	No data - loss of power	Nick Barber	
All	21/05/2014 20:34	22/05/2014 03:34	Timeseries	Critical	No data - loss of power	Nick Barber	
All	25/05/2014 08:34	25/05/2014 15:34	Timeseries	Critical	No data - loss of power	Nick Barber	
All	27/05/2014 21:34	27/05/2014 06:34	Timeseries	Critical	No data - loss of power	Nick Barber	
All	28/05/2014 18:04	29/05/2014 03:04	Timeseries	Critical	No data - loss of power	Nick Barber	
All	04/06/2014 08:04	04/06/2014 14:04	Timeseries	Critical	No data - sonde calibration	Nick Barber	
% Dissolved oxygen	11/07/2014 00:04	23/07/2014 14:34	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
Dissolved oxygen	11/07/2014 00:04	23/07/2014 14:34	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
All	23/07/2014 09:04	23/07/2014 14:34	Timeseries	Critical	No data - sonde calibration	Nick Barber	
Turbidity	20/07/2014 17:04	20/07/2014 17:04	Event	Critical	Erroneous spike	Nick Barber	
pH	10/09/2014 19:04	10/09/2014 19:04	Event	Critical	Erroneous spike	Nick Barber	
Conductivity	10/09/2014 19:04	10/09/2014 19:04	Event	Critical	Erroneous spike	Nick Barber	
% Dissolved oxygen	11/09/2014 00:00	01/10/2014 16:34	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
Dissolved oxygen	11/09/2014 00:00	01/10/2014 16:34	Timeseries	Moderate	Sensor drift - needs correction	Nick Barber	
All	09/10/2014 09:34	13/10/2014 12:34	Timeseries	Critical	No data	Nick Barber	
All	29/11/2014 09:34	30/01/2015 12:04	Timeseries	Critical	No data - pump tubing to river split	Nick Barber	
All	09/10/2014 09:04	13/10/2014 12:34	Timeseries	Critical	Calibration	Nick Barber	
All	09/03/2015 10:04	09/03/2015 13:34	Timeseries	Critical	Calibration	Nick Barber	

All	14/05/2015 09:04	09/03/2015 16:34	Timeseries	Critical	Calibration	Nick Barber	
All	13/07/2015 11:34	15/07/2015 10:04	Timeseries	Critical	Calibration	Nick Barber	
All	21/09/2015 16:34	23/09/2015 16:04	Timeseries	Critical	Calibration	Nick Barber	
All	01/12/2015 09:34	01/12/2015 16:04	Timeseries	Critical	Calibration	Nick Barber	