Grouping	Measurement Organisation	Methodology	Destination Lab	Vessel ID	NATA Certification	Levels assumed in Marine Risk Assessment*	Results	Report reference and Comments
Group A - Instrument Measurements				**A**				
Flow	Mill equipment	*In situ*	N/A	A1	No	63770 t/d	(A) 2893 m^3/h & (B) 2961-2168 m^3/h	Mill database. (A) 7 day average prior to sampling time (B) data points either side of sample time.
pH	Mill equipment	*In situ*	N/A	A1	No	6.5 (6.0 to 8.5)	7.14-7.18	Mill database. Data points either side of sample time (8 hr span)
Temp	Mill equipment	*In situ*	N/A	A1	No		37^o C	Mill database. Reported value for day of sampling.
Electrical Conductivity	Mill equipment	*In situ*	N/A	A1	No		(A) 4343 uS/cm & (B) 3583-3460 uS/cm	Mill database. (A) 7 day average to sample time. (B) data points either side of sample time (8 hr span).
Group B				B				
Orthophosphate as P (FRP)	NMI	NWD9_NWB21	NMI Pymble	B1	Yes		560 ug/L	RN777955
Ammonia	NMI	NWD8_NWB18	NMI Pymble	B1	Yes	24 (12-61) ug/L	0.22 mg/L	RN777955
Phosphorus total	NMI	NT2_47	NMI Pymble	B2	Yes	0.80 mgP/L	830 ug/L	RN777955
Chemical Oxygen Demand COD	NMI	NWS3	NMI Pymble	B2	Yes	466 (220-650) mg/L	270 mg/L	RN777955
Total Organic Carbon	NMI	NW_S15	NMI Pymble	B2	Yes		72 mg/L	RN777955
Turbidity	NMI	NW_B11	NMI Pymble	B3	Yes		9.5 NTU	RN777955
Total Suspended Solids	NMI	NW_S13	NMI Pymble	B3	Yes	20 (5-30) mg/L	17 mg/L	RN777955 Mill data for 24h composite taken on same date 13.0 mg/L
Nitrite-N	NMI	NW_B19	NMI Pymble	B3	Yes	0 (0-0.02) mgN/L)	<0.005 mg/L	RN777955
Colour True	NMI	NWD4	NMI Pymble	B3	Yes	493 (400-600) mg/L	380 Hazen	RN777955
Nitrate-N	NMI	NW_B19	NMI Pymble	B4	Yes	4340 (2170-8600) ug/L	0.11 mg/L	RN777955
Nitrogen - total as N	NMI	NW_B23	NMI Pymble	B4	Yes	2.5 (1-5) mgN/L	1.1 mg/L	RN777955
Nitrate-N	Cetrel	4110 SMEWW B	Cetrel	B5	Equiv	4340 (2170-8600) ug/L	0.3 mg/L	48673/2009.0
Colour True	Cetrel	2120 SMEWW C	Cetrel	B5	Equiv	493 (400-600) mg/L	469, 470, 469 PtCo	48674/2009.0 (analysed in triplicate) Note Hazen & PtCo units are equivalent
Chlorate	Cetrel	4110 SMEWW B	Cetrel	B5	Equiv	1900 (1000-3700) ug/L	0.2 mg/L	48673/2009.0
Group C				C				
Chlorate	NMI	NR52	NMI Pymble	C1	Yes	1900 (1000-3700) ug/L	<2, 47, 58 & 76 ug/L	RN773259, RN774169, RN772368, RN773110 (includes Partitioning SAP data)
AOX	NMI_sub Levay	SCANW9-89	Levay S.A.	C2	No	6.8 (4-9) mg/L	2320, 2245, 2280, 2320 ug/L	RN775854 (includes Partitioning SAP data)
AOX	Cetrel	EPA 8260/524	Cetrel	C3	Equiv	6.8 (4-9) mg/L	1.9 mg Cl-/L	48672/2009.0
Group D				D				
Sterols				D1		428 estimate		
Campestorol	NMI_sub_CSIRO	In - house	CSIRO	D1	No	90 ug/L estimate @ 20% of total	nd	RN777939
Stigmasterol	NMI_sub_CSIRO	In - house	CSIRO	D1	No	90 ug/L estimate @ 20% of total	3.23 ug/L	RN777939
β-sitosterol	NMI_sub_CSIRO	In - house	CSIRO	D1	No	90 ug/L estimate @ 20% of total	6.16 ug/l	RN777939
Stigmastanol	NMI_sub_CSIRO	In - house	CSIRO	D1	No	90 ug/L estimate @ 20% of total	2.71 ug/L	RN777939
Fatty acids				D1		190 ug/L		
Oleic (C18:1(n-9))	NMI_sub_CSIRO	In - house	CSIRO	D1	No	40 ug/L estimate @ 20% of total	6.49 ug/L	RN777939
Stearic (C18:0)	NMI_sub_CSIRO	In - house	CSIRO	D1	No	40 ug/L estimate @ 20% of total	nd	RN777939
Linoleic (C18:2(n-6))	NMI_sub_CSIRO	In - house	CSIRO	D1	No	40 ug/L estimate @ 20% of total	nd	RN777939
Palmitic (C16:0)	NMI_sub_CSIRO	In - house	CSIRO	D1	No	40 ug/L estimate @ 20% of total	12.28 ug/L	RN777939
Group E				E				
Metals and metaloids - Total				**E**				
Aluminium-Total	NMI	NT2_47	NMI Pymble	E1	Yes	601 ug/L	330 ug/L	RN773262
Arsenic-Total	NMI	NT2_247_251	NMI Pymble	E1	Yes	2.8 ug/L (AsIII&V)	2.8 ug/L	RN773262
Barium-Total	NMI	NT2_47	NMI Pymble	E1	Yes	17 ug/L	40 ug/L	RN773262
Beryllium-Total	NMI	NT2_47	NMI Pymble	E1	Yes	1.4 ug/L	<0.1 ug/L	RN773262
Boron-Total	NMI	NT2_47	NMI Pymble	E1	Yes	35 ug/L	28 ug/L	RN773262
Cadmium-Total	NMI	NT2_47	NMI Pymble	E1	Yes	0.98 ug/L	<0.1 ug/L	RN773262
Chromium-Total	NMI	NT2_47	NMI Pymble	E1	Yes	26 (CrIII&IV) ug/L	1.8 ug/L	RN773262
Cobalt-Total	NMI	NT2_47	NMI Pymble	E1	Yes	2.8 ug/L	0.32 ug/L	RN773262
Copper-Total	NMI	NT2_47	NMI Pymble	E1	Yes	19 ug/L	<1 ug/L	RN773262
Iron-Total	NMI	NT2_47	NMI Pymble	E1	Yes	817 ug/L	190 ug/L	RN773262
Lead-Total	NMI	NT2_47	NMI Pymble	E1	Yes	2.8 ug/L	0.33 ug/L	RN773262
Manganese-Total	NMI	NT2_47	NMI Pymble	E1	Yes	817 ug/L	140 ug/L	RN773262
Molybdenum-Total	NMI	NT2_47	NMI Pymble	E1	Yes	1.3 ug/L	1.1 ug/L	RN773262
Nickel-Total	NMI	NT2_47	NMI Pymble	E1	Yes	26 ug/L	3.6 ug/L	RN773262
Selenium-Total	NMI	NT247_251	NMI Pymble	E1	Yes	7.4 ug/L	3.5 ug/L	RN773262
Tin-Total	NMI	NT2_47	NMI Pymble	E1	Yes	13 ug/L	<2 ug/L	RN773262
Vanadium-Total	NMI	NT2_47	NMI Pymble	E1	Yes	1.3 ug/L	14 ug/L	RN773262
Zinc-Total	NMI	NT2_47	NMI Pymble	E1	Yes	84 ug/L	11 ug/L	RN773262
Mercury-Total	NMI	NT2_47_244	NMI Pymble	E2	Yes	0.25 ug/L	<0.1 ug/L	RN773262

* Supplementary Information Book C, Marine Impact Assessment - Bell Bay Effluent. 23rd January 2007. Table A1.1 Table A1.7

Grouping	Measurement Organisation	Methodology	Destination Lab	Vessel ID	NATA Certification	Levels assumed in Marine Risk Assessment*	Results	Report reference and Comments
Group F				F				
Metals and metaloids - Dissolved				**F**				
Aluminium-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	200 ug/L	RN777946
Arsenic-Field filtered	NMI	NT2_247_251	NMI Pymble	F1	Yes	Refer Total	2.6 ug/L	RN777946
Barium-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	36 ug/L	RN777946
Beryllium-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	<0.1 ug/L	RN777946
Boron-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	13 ug/L	RN777946
Cadmium-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	<0.1 ug/L	RN777946
Chromium-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	1.3 ug/L	RN777946
Cobalt-Field filtered	NMI	NT2_47		F1	Yes	Refer Total	0.28 ug/L	RN777946
Copper-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	<1 ug/L	RN777946
Iron-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	140 ug/L	RN777946
Lead-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	0.22 ug/L	RN777946
Manganese-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	140 ug/L	RN777946
Molybdenum-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	0.93 ug/L	RN777946
Nickel-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	3 ug/L	RN777946
Selenium-Field filtered	NMI	NT247_251	NMI Pymble	F1	Yes	Refer Total	2.7 ug/L	RN777946
Tin-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	<2 ug/L	RN777946
Vanadium-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	14 ug/L	RN777946
Zinc-Field filtered	NMI	NT2_47	NMI Pymble	F1	Yes	Refer Total	8.7 ug/L	RN777946
Mercury-Field filtered	NMI	NT2_47_244	NMI Pymble	F6	Yes	Refer Total	<0.1 ug/L	RN777946
BTEX				F				
Benzene	NMI	NGCMS_1120	NMI Pymble	F2	Yes	10 ug/L estimate 10% of total	<1 ug/L	RN777946
Toluene	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
Ethylbenzene	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
Xylenes	NMI	NGCMS_1120	NMI Pymble	F2	Yes		m & p-xylene <2 & o-xylene <1 ug/L	RN777946
Halogenated Aliphatic Hydrocarbons				F				
Dichloromethane	NMI	NGCMS_1120	NMI Pymble	F2	Yes	12 ug/L estimate 20% of total	<1 ug/L	RN777946
Sulfonated Compounds				F				
Total Sulfide	NMI	NWD16	NMI Pymble	F4	Yes		<0.05 mg/L	RN777946
Amines Nitroaromatics & Nitrosamines				F				
Aniline	NMI	NGCMS_1122	NMI Pymble	F3	Yes	10 ug/L estimate 10% of total	<20 ug/L	RN777946
Other Organics				F				
Methanol	NMI	NGCMS_1130	NMI Pymble	F2	No	12 ug/L estimate 20% of total	<1000 ug/L	RN777946
Surfactants				F				
MBAS	NMI	NWS6	NMI Pymble	F3	Yes		0.25 mg/L	RN777946
Chloropropanes				F				
1,1-Dichloropropane						12 ug/L estimate 20% of total	Not analysed	Included in error. This compound is not yet part of a standard analytical suite. It is required by the State's operating effluent monitoring program because it appears in the *Marine Risk Assessment* and subsequently has a default WQO applied.
2,2-Dichloropropane	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
1,2-Dichloropropane	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
1,3-Dichloropropane	NMI	NGCMS_1120	NMI Pymble	F2	Yes	12 ug/L estimate 20% of total	<1 ug/L	RN777946
1,2,3-Trichloropropane	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
1,2-Dibromo-3-chloropropane	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
Chlorinated alkenes				F				
3-chloropropene							Not analysed	As per 1,1-Dichloropropane
Vinyl chloride (aka Chloroethylene)	NMI	NGCMS_1120	NMI Pymble	F2	Yes	12 ug/L estimate 20% of total	<2 ug/L	RN777946
trans-1,2-Dicloroethene	NMI	NGCMS_1120	NMI Pymble	F2	Yes	12 ug/L estimate 20% of total	<1 ug/L	RN777946
1,1-Dichloroethene	NMI	NGCMS_1120	NMI Pymble	F2	Yes	12 ug/L estimate 20% of total	<1 ug/L	RN777946
cis-1,2-Dichloroethene	NMI	NGCMS_1120	NMI Pymble	F2	Yes	12 ug/L estimate 20% of total	<1 ug/L	RN777946
1,1-Dichloropropene	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
Trichloroethene	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
cis-1,3-Dichloropropene	NMI	NGCMS_1120	NMI Pymble	F2	Yes	12 ug/L estimate 20% of total	<1 ug/L	RN777946
trans-1,3-Dichloropropene	NMI	NGCMS_1120	NMI Pymble	F2	Yes	12 ug/L estimate 20% of total	<1 ug/L	RN777946
Tetrachloroethene	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
Hexachlorobutadiene	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
Trihalomethanes				F				
Chloroform	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
Bromodichloromethane	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
Dibromochloromethane	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946
Bromoform	NMI	NGCMS_1120	NMI Pymble	F2	Yes		<1 ug/L	RN777946

* Supplementary Information Book C, Marine Impact Assessment - Bell Bay Effluent. 23rd January 2007. Table A1.1 Table A1.7

Grouping	Measurement Organisation	Methodology	Destination Lab	Vessel ID	NATA Certification	Levels assumed in Marine Risk Assessment*	Results	Report reference and Comments
Chloracetic Acids				F		4060 ug/L estimate		
Monochloroacetic acids	NMI	NGCMS_1120	NMI Pymble	F5	Yes	1350 ug/L estimate @ 33% of total	<0.01 mg/l	RN777946
Dichloroacetic acids	NMI	NGCMS_1120	NMI Pymble	F5	Yes	1350 ug/L estimate @ 33% of total	<0.01 mg/l	RN777946
Trichloroacetic acids	NMI	NGCMS_1120	NMI Pymble	F5	Yes	1350 ug/L estimate @ 33% of total	<0.01 mg/l	RN777946
Phenols including chlorophenols				F		Chlorophenols 1 ug/L, Chlorinated natural phenolics 24 ug/L		
Phenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes	10 ug/L estimate 10% of total	2.2 ug/L	RN777946
2-Chlorophenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes	0.2 ug/L estimate 20% of total	<1 ug/L	RN777946
2-Methylphenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes	10 ug/L estimate 20% of total	<1 ug/L	RN777946
2,4-Dichlorophenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes	0.2 ug/L estimate 20% of total	<1 ug/L	RN777946
3-& 4-Methylphenols	NMI	NGCMS_1111	NMI Pymble	F3	Yes	10 ug/L estimate 20% of total	<2 ug/L	RN777946
2,4-Dimethyphenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes	10 ug/L estimate 20% of total	<1 ug/L	RN777946
2,6-Dichlorophenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes	0.2 ug/L estimate 20% of total	<1 ug/L	RN777946
2-Nitrophenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes	10 ug/L estimate 20% of total	<1 ug/L	RN777946
4-Chloro-3-methylphenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes	0.2 ug/L estimate 20% of total	<2 ug/L	RN777946
2,4,6-Trichlorophenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes		<2 ug/L	RN777946
4-Nitrophenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes		<1 ug/L	RN777946
2,4,5-Trichlorophenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes		<2 ug/L	RN777946
2,3,4,6-Tetrachlorophenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes		<2 ug/L	RN777946
Pentachlorophenol	NMI	NGCMS_1111	NMI Pymble	F3	Yes		4.4 ug/L	RN777946
3-Chlorophenol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
4-Chlorophenol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
2,4,6-Trichloroanisole	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
2,5 or 3,5-Dichlorophenol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No	0.2 ug/L estimate 20% of total	nd	RN777939
2,4-Dichlorophenol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No	0.2 ug/L estimate 20% of total	nd	RN777939
2,3-Dichlorophenol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No	0.2 ug/L estimate 20% of total	nd	RN777939
3,4-Dichlorophenol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No	0.2 ug/L estimate 20% of total	nd	RN777939
2,4,6-Trichlorophenol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
4,5-Dichloroveratrole	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No	5 ug/L estimate 20% of total	nd	RN777939
4,5-Dichloroguaiacol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No	5 ug/L estimate 20% of total	nd	RN777939
4,6-Dichloroguaiacol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No	5 ug/L estimate 20% of total	nd	RN777939
3,4,5-Trichloroveratrole	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
4,5-Dichlorocatechol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
6-Chlorovanillin	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No	5 ug/L estimate 20% of total	nd	RN777939
5-Chlorovanillin	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No	5 ug/L estimate 20% of total	nd	RN777939
3,4,5-Trichloroguaiacol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
2,3,4,6-Tetrachlorophenol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
3,4,6-Trichlorocatechol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
4,5,6-Trichloroguaiacol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
Trichlorosyringol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
2-Chlorosyringaldehyde	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		0.6 ug/L	RN777939
Tetrachloroguaiacol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
5,6-Dichlorovanillin	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No	5 ug/L estimate 20% of total	nd	RN777939
Pentachlorophenol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
2,6-Dichlorosyrigealdehyde	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939
Tetrachlorocatechol	NMI_sub_CSIRO	In - house	NMI Pymble	D1	No		nd	RN777939

* Supplementary Information Book C, Marine Impact Assessment - Bell Bay Effluent. 23rd January 2007. Table A1.1 Table A1.7

Grouping	Measurement Organisation	Methodology	Destination Lab	Vessel ID	NATA Certification	Levels assumed in Marine Risk Assessment*	Results	Report reference and Comments
Group H				H				
PCDD/PCDF/PCB				H	Yes			
2,3,7,8-TCDD	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.9 pg/kg	DAU_364
2,3,7,8-TCDF	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.5 pg/kg	DAU_364
1,2,3,7,8-PeCDF	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.6 pg/kg	DAU_364
2,3,4,7,8-PeCDF	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.4 pg/kg	DAU_364
1,2,3,7,8-PeCDD	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.6 pg/kg	DAU_364
1,2,3,4,7,8-HxCDF	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.4 pg/kg	DAU_364
1,2,3,6,7,8-HxCDF	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.5 pg/kg	DAU_364
2,3,4,6,7,8-HxCDF	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.5 pg/kg	DAU_364
1,2,3,7,8,9-HxCDF	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.6 pg/kg	DAU_364
1,2,3,4,7,8-HxCDD	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.6 pg/kg	DAU_364
1,2,3,6,7,8-HxCDD	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.7 pg/kg	DAU_364
1,2,3,7,8,9-HxCDD	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<0.6 pg/kg	DAU_364
1,2,3,4,6,7,8-HpCDF	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<1 pg/kg	DAU_364
1,2,3,4,7,8,9-HpCDF	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<1 pg/kg	DAU_364
1,2,3,4,6,7,8-HpCDD	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<2 pg/kg	DAU_364
OCDF	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<1 pg/kg	DAU_364
OCDD	NMI	AUTL_01	NMI Pymble	H1	Yes	Refer Dioxin/furan (Low & Mid)	<3 pg/kg	DAU_364
PCB 77	NMI	AUTL_01	NMI Pymble	H1	Yes		<2 pg/kg	DAU_364
PCB 81	NMI	AUTL_01	NMI Pymble	H1	Yes		<0.5 pg/kg	DAU_364
PCB 126	NMI	AUTL_01	NMI Pymble	H1	Yes		<1 pg/kg	DAU_364
PCB 169	NMI	AUTL_01	NMI Pymble	H1	Yes		<1 pg/kg	DAU_364
PCB 105	NMI	AUTL_01	NMI Pymble	H1	Yes		<30 pg/kg	DAU_364
PCB 114	NMI	AUTL_01	NMI Pymble	H1	Yes		<2 pg/kg	DAU_364
PCB 118	NMI	AUTL_01	NMI Pymble	H1	Yes		<100 pg/kg	DAU_364
PCB 123	NMI	AUTL_01	NMI Pymble	H1	Yes		<4 pg/kg	DAU_364
PCB 156	NMI	AUTL_01	NMI Pymble	H1	Yes		<20 pg/kg	DAU_364
PCB 157	NMI	AUTL_01	NMI Pymble	H1	Yes		<3 pg/kg	DAU_364
PCB 167	NMI	AUTL_01	NMI Pymble	H1	Yes		<8 pg/kg	DAU_364
PCB 189	NMI	AUTL_01	NMI Pymble	H1	Yes		<7 pg/kg	DAU_364
Total TCDF isomers	NMI	AUTL_01	NMI Pymble	H1	Yes		<4 pg/kg	DAU_364
Total TCDD isomers	NMI	AUTL_01	NMI Pymble	H1	Yes		50 pg/kg	DAU_364
Total PeCDF isomers	NMI	AUTL_01	NMI Pymble	H1	Yes		<4 pg/kg	DAU_364
Total PeCDD isomers	NMI	AUTL_01	NMI Pymble	H1	Yes		<4 pg/kg	DAU_364
Total HxCDF isomers	NMI	AUTL_01	NMI Pymble	H1	Yes		<3 pg/kg	DAU_364
Total HxCDD isomers	NMI	AUTL_01	NMI Pymble	H1	Yes		<2 pg/kg	DAU_364
Total HpCDF isomers	NMI	AUTL_01	NMI Pymble	H1	Yes		<2 pg/kg	DAU_364
Total HpCDD isomers	NMI	AUTL_01	NMI Pymble	H1	Yes		<2 pg/kg	DAU_364
Sum of PCDD and PCDF congeners	NMI	AUTL_01	NMI Pymble	H1	Yes		50 pg/kg	DAU_364
Dioxin/furan/PCB (Low)	NMI	AUTL_01	NMI Pymble	H1	Yes		0 WHO_{05} TEQ_{DFP} pg/kg	DAU_364
Dioxin/furan/PCB (Mid)	NMI	AUTL_01	NMI Pymble	H1	Yes		1.168 WHO_{05} TEQ_{DFP} pg/kg	DAU_364
Dioxin/furan (Low)	NMI	AUTL_01	NMI Pymble	H1	Yes	3.376 pg/L TEQ	0 WHO_{05} TEQ_{DF} pg/kg	DAU_364
Dioxin/furan (Mid)	NMI	AUTL_01	NMI Pymble	H1	Yes	3.376 pg/L TEQ	1.1 TEQ WHO_{05} TEQ_{DF} pg/kg	DAU_364

Effluent - Inlet								Effluent - Outlet									
Flux		pH		Temperature		Electrical conductivity		Flux		pH		Temperature		Electrical conductivity		Total Suspended Solids	
m³/h		-		°C		mS/cm		m³/h		-		°C		mS/cm		mg/L	
online		online		online		online		online		online		laboratory		online		laboratory	
1/11/2009 00:00:00	3403.165	1/11/2009 00:00:00	6.957	1/11/2009 00:00:00	64.214	1/11/2009 00:00:00	3.96	1/11/2009 00:00:00	3369.019	1/11/2009 00:00:00	7.221			1/11/2009 00:00:00	2.589		
1/11/2009 08:00:00	3234.441	1/11/2009 08:00:00	6.67	1/11/2009 08:00:00	60.912	1/11/2009 08:00:00	4.114	1/11/2009 08:00:00	3224.461	1/11/2009 08:00:00	7.111	1/11/2009	38.4	1/11/2009 08:00:00	2.621	1/11/2009	27.0
1/11/2009 16:00:00	3544.794	1/11/2009 16:00:00	6.52	1/11/2009 16:00:00	64.516	1/11/2009 16:00:00	3.725	1/11/2009 16:00:00	3898.744	1/11/2009 16:00:00	7.188			1/11/2009 16:00:00	2.548		
2/11/2009 00:00:00	3791.067	2/11/2009 00:00:00	6.818	2/11/2009 00:00:00	67.877	2/11/2009 00:00:00	3.749	2/11/2009 00:00:00	3898.653	2/11/2009 00:00:00	7.224			2/11/2009 00:00:00	2.612		
2/11/2009 08:00:00	3584.016	2/11/2009 08:00:00	7.102	2/11/2009 08:00:00	67.725	2/11/2009 08:00:00	3.914	2/11/2009 08:00:00	3407.772	2/11/2009 08:00:00	7.134	2/11/2009	39.3	2/11/2009 08:00:00	2.747	2/11/2009	21.0
2/11/2009 16:00:00	3556.666	2/11/2009 16:00:00	6.676	2/11/2009 16:00:00	68.49	2/11/2009 16:00:00	4.103	2/11/2009 16:00:00	3375.938	2/11/2009 16:00:00	7.149			2/11/2009 16:00:00	2.784		
3/11/2009 00:00:00	3592.127	3/11/2009 00:00:00	6.803	3/11/2009 00:00:00	69.266	3/11/2009 00:00:00	3.886	3/11/2009 00:00:00	3865.442	3/11/2009 00:00:00	7.232			3/11/2009 00:00:00	2.63		
3/11/2009 08:00:00	3487.958	3/11/2009 08:00:00	6.421	3/11/2009 08:00:00	69.873	3/11/2009 08:00:00	3.941	3/11/2009 08:00:00	3871.988	3/11/2009 08:00:00	7.118	3/11/2009	39.4	3/11/2009 08:00:00	2.666	3/11/2009	15.0
3/11/2009 16:00:00	3614.069	3/11/2009 16:00:00	6.561	3/11/2009 16:00:00	70.404	3/11/2009 16:00:00	3.775	3/11/2009 16:00:00	3346.443	3/11/2009 16:00:00	7.133			3/11/2009 16:00:00	2.753		
4/11/2009 00:00:00	3493.607	4/11/2009 00:00:00	6.088	4/11/2009 00:00:00	70.256	4/11/2009 00:00:00	3.7	4/11/2009 00:00:00	3109.235	4/11/2009 00:00:00	7.176			4/11/2009 00:00:00	2.977		
4/11/2009 08:00:00	3251.917	4/11/2009 08:00:00	5.81	4/11/2009 08:00:00	71.035	4/11/2009 08:00:00	3.947	4/11/2009 08:00:00	3118.299	4/11/2009 08:00:00	7.138	4/11/2009	38.9	4/11/2009 08:00:00	2.973	4/11/2009	27.0
4/11/2009 16:00:00	3364.481	4/11/2009 16:00:00	6.468	4/11/2009 16:00:00	70.004	4/11/2009 16:00:00	3.69	4/11/2009 16:00:00	3537.958	4/11/2009 16:00:00	7.205			4/11/2009 16:00:00	2.816		
5/11/2009 00:00:00	3297.244	5/11/2009 00:00:00	6.289	5/11/2009 00:00:00	70.106	5/11/2009 00:00:00	3.593	5/11/2009 00:00:00	3533.512	5/11/2009 00:00:00	7.234			5/11/2009 00:00:00	2.841		
5/11/2009 08:00:00	3403.946	5/11/2009 08:00:00	5.592	5/11/2009 08:00:00	70.3	5/11/2009 08:00:00	3.52	5/11/2009 08:00:00	3096.2	5/11/2009 08:00:00	7.135	5/11/2009	38.7	5/11/2009 08:00:00	2.776	5/11/2009	29.0
5/11/2009 16:00:00	3615.139	5/11/2009 16:00:00	5.611	5/11/2009 16:00:00	69.408	5/11/2009 16:00:00	3.048	5/11/2009 16:00:00	3095.798	5/11/2009 16:00:00	7.133			5/11/2009 16:00:00	2.752		
6/11/2009 00:00:00	3584.302	6/11/2009 00:00:00	5.47	6/11/2009 00:00:00	69.166	6/11/2009 00:00:00	2.858	6/11/2009 00:00:00	3099.895	6/11/2009 00:00:00	7.204			6/11/2009 00:00:00	2.731		
6/11/2009 08:00:00	3057.955	6/11/2009 08:00:00	5.634	6/11/2009 08:00:00	66.333	6/11/2009 08:00:00	3.151	6/11/2009 08:00:00	3101.044	6/11/2009 08:00:00	7.124	6/11/2009	37.2	6/11/2009 08:00:00	2.57	6/11/2009	24.1
6/11/2009 16:00:00	3408.154	6/11/2009 16:00:00	5.532	6/11/2009 16:00:00	67.427	6/11/2009 16:00:00	2.899	6/11/2009 16:00:00	3099.412	6/11/2009 16:00:00	7.17			6/11/2009 16:00:00	2.529		
7/11/2009 00:00:00	3330.807	7/11/2009 00:00:00	5.592	7/11/2009 00:00:00	66.708	7/11/2009 00:00:00	3.18	7/11/2009 00:00:00	3101.466	7/11/2009 00:00:00	7.176			7/11/2009 00:00:00	2.495		
7/11/2009 08:00:00	3265.212	7/11/2009 08:00:00	5.747	7/11/2009 08:00:00	66.936	7/11/2009 08:00:00	4.6	7/11/2009 08:00:00	3103.07	7/11/2009 08:00:00	7.067	7/11/2009	36.7	7/11/2009 08:00:00	2.43	7/11/2009	41.0
7/11/2009 16:00:00	3436.702	7/11/2009 16:00:00	5.827	7/11/2009 16:00:00	67.304	7/11/2009 16:00:00	4.449	7/11/2009 16:00:00	3249.591	7/11/2009 16:00:00	7.108			7/11/2009 16:00:00	2.445		
8/11/2009 00:00:00	3299.251	8/11/2009 00:00:00	5.987	8/11/2009 00:00:00	68.562	8/11/2009 00:00:00	4.107	8/11/2009 00:00:00	3366.839	8/11/2009 00:00:00	7.124			8/11/2009 00:00:00	2.391		
8/11/2009 08:00:00	3204.865	8/11/2009 08:00:00	5.697	8/11/2009 08:00:00	69.196	8/11/2009 08:00:00	4	8/11/2009 08:00:00	2294.717	8/11/2009 08:00:00	7.128	8/11/2009	38.2	8/11/2009 08:00:00	2.381	8/11/2009	8.0
8/11/2009 16:00:00	3210.036	8/11/2009 16:00:00	6.323	8/11/2009 16:00:00	68.203	8/11/2009 16:00:00	4.287	8/11/2009 16:00:00	3733.268	8/11/2009 16:00:00	7.169			8/11/2009 16:00:00	2.477		
9/11/2009 00:00:00	3200.554	9/11/2009 00:00:00	6.295	9/11/2009 00:00:00	68.574	9/11/2009 00:00:00	4.012	9/11/2009 00:00:00	2526.064	9/11/2009 00:00:00	7.198			9/11/2009 00:00:00	2.413		
9/11/2009 08:00:00	3047.383	9/11/2009 08:00:00	5.718	9/11/2009 08:00:00	68.875	9/11/2009 08:00:00	3.861	9/11/2009 08:00:00	3033.45	9/11/2009 08:00:00	7.133	9/11/2009	38.2	9/11/2009 08:00:00	2.677	9/11/2009	10.0
9/11/2009 16:00:00	3275.563	9/11/2009 16:00:00	5.672	9/11/2009 16:00:00	69.94	9/11/2009 16:00:00	3.714	9/11/2009 16:00:00	3086.225	9/11/2009 16:00:00	7.178			9/11/2009 16:00:00	2.82		
10/11/2009 00:00:00	3296.745	10/11/2009 00:00:00	5.796	10/11/2009 00:00:00	70.081	10/11/2009 00:00:00	3.728	10/11/2009 00:00:00	2987.944	10/11/2009 00:00:00	7.215			10/11/2009 00:00:00	2.668		
10/11/2009 08:00:00	2271.549	10/11/2009 08:00:00	6.497	10/11/2009 08:00:00	61.034	10/11/2009 08:00:00	6.105	10/11/2009 08:00:00	2212.125	10/11/2009 08:00:00	7.13	10/11/2009	36.9	10/11/2009 08:00:00	2.769	10/11/2009	11.0
10/11/2009 16:00:00	2781.733	10/11/2009 16:00:00	6.77	10/11/2009 16:00:00	64.032	10/11/2009 16:00:00	4.838	10/11/2009 16:00:00	2553.23	10/11/2009 16:00:00	7.154			10/11/2009 16:00:00	2.649		
11/11/2009 00:00:00	3607.419	11/11/2009 00:00:00	6.258	11/11/2009 00:00:00	67.234	11/11/2009 00:00:00	3.804	11/11/2009 00:00:00	3089.199	11/11/2009 00:00:00	7.21			11/11/2009 00:00:00	2.802		
11/11/2009 08:00:00	3361.718	11/11/2009 08:00:00	6.306	11/11/2009 08:00:00	68.602	11/11/2009 08:00:00	4.072	11/11/2009 08:00:00	3090.331	11/11/2009 08:00:00	7.167	11/11/2009	38.0	11/11/2009 08:00:00	2.702	11/11/2009	31.0
11/11/2009 16:00:00	3468.345	11/11/2009 16:00:00	6.389	11/11/2009 16:00:00	68.801	11/11/2009 16:00:00	3.988	11/11/2009 16:00:00	3648.356	11/11/2009 16:00:00	7.185			11/11/2009 16:00:00	2.798		
12/11/2009 00:00:00	3281.964	12/11/2009 00:00:00	6.122	12/11/2009 00:00:00	68.616	12/11/2009 00:00:00	4.242	12/11/2009 00:00:00	3001.357	12/11/2009 00:00:00	7.25			12/11/2009 00:00:00	2.79		
12/11/2009 08:00:00	3237.509	12/11/2009 08:00:00	5.98	12/11/2009 08:00:00	68.764	12/11/2009 08:00:00	4.188	12/11/2009 08:00:00	3076.974	12/11/2009 08:00:00	7.158	12/11/2009	37.1	12/11/2009 08:00:00	2.76	12/11/2009	22.0
12/11/2009 16:00:00	3256.81	12/11/2009 16:00:00	6.553	12/11/2009 16:00:00	68.055	12/11/2009 16:00:00	4.148	12/11/2009 16:00:00	3073.999	12/11/2009 16:00:00	7.188			12/11/2009 16:00:00	2.727		
13/11/2009 00:00:00	3176.843	13/11/2009 00:00:00	6.198	13/11/2009 00:00:00	68.83	13/11/2009 00:00:00	4.562	13/11/2009 00:00:00	3036.151	13/11/2009 00:00:00	7.22			13/11/2009 00:00:00	2.848		
13/11/2009 08:00:00	3081.626	13/11/2009 08:00:00	5.915	13/11/2009 08:00:00	68.56	13/11/2009 08:00:00	4.323	13/11/2009 08:00:00	2183.887	13/11/2009 08:00:00	7.138	13/11/2009	37.0	13/11/2009 08:00:00	2.866	13/11/2009	20.0
13/11/2009 16:00:00	3154.353	13/11/2009 16:00:00	6.223	13/11/2009 16:00:00	67.806	13/11/2009 16:00:00	4.228	13/11/2009 16:00:00	3071.161	13/11/2009 16:00:00	7.181			13/11/2009 16:00:00	2.912		
14/11/2009 00:00:00	3205.033	14/11/2009 00:00:00	6.917	14/11/2009 00:00:00	67.301	14/11/2009 00:00:00	5.111	14/11/2009 00:00:00	3296.132	14/11/2009 00:00:00	7.225			14/11/2009 00:00:00	2.934		
14/11/2009 08:00:00	3190.07	14/11/2009 08:00:00	6.665	14/11/2009 08:00:00	68.457	14/11/2009 08:00:00	4.528	14/11/2009 08:00:00	3243.203	14/11/2009 08:00:00	7.159	14/11/2009	36.5	14/11/2009 08:00:00	3.12	14/11/2009	
14/11/2009 16:00:00	3218.227	14/11/2009 16:00:00	6.339	14/11/2009 16:00:00	68.579	14/11/2009 16:00:00	4.752	14/11/2009 16:00:00	2744.199	14/11/2009 16:00:00	7.181			14/11/2009 16:00:00	3.093		
15/11/2009 00:00:00	3286.608	15/11/2009 00:00:00	5.997	15/11/2009 00:00:00	68.22	15/11/2009 00:00:00	3.961	15/11/2009 00:00:00	2748.157	15/11/2009 00:00:00	7.193			15/11/2009 00:00:00	3.132		
15/11/2009 08:00:00	2953.264	15/11/2009 08:00:00	5.939	15/11/2009 08:00:00	67.849	15/11/2009 08:00:00	4.707	15/11/2009 08:00:00	2424.475	15/11/2009 08:00:00	7.136	15/11/2009	36.5	15/11/2009 08:00:00	3.218	15/11/2009	10.0
15/11/2009 16:00:00	3141.704	15/11/2009 16:00:00	6.117	15/11/2009 16:00:00	67.549	15/11/2009 16:00:00	4.634	15/11/2009 16:00:00	2968.061	15/11/2009 16:00:00	7.14			15/11/2009 16:00:00	3.092		
16/11/2009 00:00:00	3269.63	16/11/2009 00:00:00	6.389	16/11/2009 00:00:00	68.496	16/11/2009 00:00:00	4.235	16/11/2009 00:00:00	2961.097	16/11/2009 00:00:00	7.199			16/11/2009 00:00:00	3.219		
16/11/2009 08:00:00	3089.638	16/11/2009 08:00:00	5.811	16/11/2009 08:00:00	68.661	16/11/2009 08:00:00	4.018	16/11/2009 08:00:00	2972.208	16/11/2009 08:00:00	7.161	16/11/2009	36.3	16/11/2009 08:00:00	3.083	16/11/2009	19.0
16/11/2009 16:00:00	3325.566	16/11/2009 16:00:00	5.35	16/11/2009 16:00:00	69.202	16/11/2009 16:00:00	3.712	16/11/2009 16:00:00	2960.56	16/11/2009 16:00:00	7.141			16/11/2009 16:00:00	3.209		
17/11/2009 00:00:00	3179.815	17/11/2009 00:00:00	6.846	17/11/2009 00:00:00	68.864	17/11/2009 00:00:00	3.583	17/11/2009 00:00:00	2961.134	17/11/2009 00:00:00	7.184			17/11/2009 00:00:00	3.236		
17/11/2009 08:00:00	2392.451	17/11/2009 08:00:00	6.348	17/11/2009 08:00:00	62.094	17/11/2009 08:00:00	3.46	17/11/2009 08:00:00	2168.134	17/11/2009 08:00:00	7.14	17/11/2009	37.0	17/11/2009 08:00:00	3.001	17/11/2009	13.0
17/11/2009 16:00:00	3145.36	17/11/2009 16:00:00	6.034	17/11/2009 16:00:00	67.514	17/11/2009 16:00:00	5.309	17/11/2009 16:00:00	2960.393	17/11/2009 16:00:00	7.158			17/11/2009 16:00:00	2.897		
18/11/2009 00:00:00	3348.551	18/11/2009 00:00:00	6.763	18/11/2009 00:00:00	68.92	18/11/2009 00:00:00	3.961	18/11/2009 00:00:00	2959.262	18/11/2009 00:00:00	7.173			18/11/2009 00:00:00	2.849		
18/11/2009 08:00:00	3351.638	18/11/2009 08:00:00	6.356	18/11/2009 08:00:00	69.15	18/11/2009 08:00:00	4.131	18/11/2009 08:00:00	3472.265	18/11/2009 08:00:00	7.605	18/11/2009	37.3	18/11/2009 08:00:00	2.859	18/11/2009	37.0
18/11/2009 16:00:00	2908.87	18/11/2009 16:00:00	6.889	18/11/2009 16:00:00	67.165	18/11/2009 16:00:00	3.817	18/11/2009 16:00:00	2313.446	18/11/2009 16:00:00	7.239			18/11/2009 16:00:00	2.876		
19/11/2009 00:00:00	3515.814	19/11/2009 00:00:00	6.59	19/11/2009 00:00:00	68.443	19/11/2009 00:00:00	4.578	19/11/2009 00:00:00	2902.499	19/11/2009 00:00:00	7.15			19/11/2009 00:00:00	2.822		
19/11/2009 08:00:00	3171.776	19/11/2009 08:00:00	6.504	19/11/2009 08:00:00	69.566	19/11/2009 08:00:00	4.679	19/11/2009 08:00:00	2956.7	19/11/2009 08:00:00	7.116	19/11/2009	36.6	19/11/2009 08:00:00	2.819	19/11/2009	49.0
19/11/2009 16:00:00	3399.715	19/11/2009 16:00:00	6.28	19/11/2009 16:00:00	69.373	19/11/2009 16:00:00	4.482	19/11/2009 16:00:00	2951.705	19/11/2009 16:00:00	7.185			19/11/2009 16:00:00	2.862		
20/11/2009 00:00:00	3292.807	20/11/2009 00:00:00	6.601	20/11/2009 00:00:00	69.421	20/11/2009 00:00:00	4.121	20/11/2009 00:00:00	2951.58	20/11/2009 00:00:00	7.22			20/11/2009 00:00:00	2.755		
20/11/2009 08:00:00	2647.723	20/11/2009 08:00:00	7.113	20/11/2009 08:00:00	66.12	20/11/2009 08:00:00	4.535	20/11/2009 08:00:00	2956.884	20/11/2009 08:00:00	7.181	20/11/2009	36.7	20/11/2009 08:00:00	2.651	20/11/2009	37.0
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21/11/2009 00:00:00	3368.954	21/11/2009 00:00:00	6.391	21/11/2009 00:00:00	68.845	21/11/2009 00:00:00	4.128	21/11/2009 00:00:00	3225.492	21/11/2009 00:00:00	7.24			21/11/2009 00:00:00	2.796		
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21/11/2009 16:00:00	3237.458	21/11/2009 16:00:00	6.282	21/11/2009 16:00:00	68.595	21/11/2009 16:00:00	4.124	21/11/2009 16:00:00	2955.776	21/11/2009 16:00:00	7.222			21/11/2009 16:00:00	2.928		
22/11/2009 00:00:00	3150.349	22/11/2009 00:00:00	6.158	22/11/2009 00:00:00	68.935	22/11/2009 00:00:00	4.287	22/11/2009 00:00:00	3548.68	22/11/2009 00:00:00	7.26			22/11/2009 00:00:00	2.906		
22/11/2009 08:00:00	3172.104	22/11/2009 08:00:00	6.988	22/11/2009 08:00:00	67.846	22/11/2009 08:00:00	4.693	22/11/2009 08:00:00	2957.602	22/11/2009 08:00:00	7.173	22/11/2009	38.4	22/11/2009 08:00:00	2.968	22/11/2009	22.0
22/11/2009 16:00:00	3204.211	22/11/2009 16:00:00	6.17	22/11/2009 16:00:00	68.724	22/11/2009 16:00:00	4.301	22/11/2009 16:00:00	2955.51	22/11/2009 16:00:00	7.167			22/11/2009 16:00:00	2.958		
23/11/2009 00:00:00	3174.988	23/11/2009 00:00:00	6.156	23/11/2009 00:00:00	68.382	23/11/2009 00:00:00	4.469	23/11/2009 00:00:00	3267.6	23/11/2009 00:00:00	7.207			23/11/2009 00:00:00	3.03		
23/11/2009 08:00:00	3118.947	23/11/2009 08:00:00	6.349	23/11/2009 08:00:00	69.281	23/11/2009 08:00:00	4.271	23/11/2009 08:00:00	2956.3	23/11/2009 08:00:00	7.16	23/11/2009	38.9	23/11/2009 08:00:00	2.898	23/11/2009	33.0
23/11/2009 16:00:00	3213.493	23/11/2009 16:00:00	6.663	23/11/2009 16:00:00	68.737	23/11/2009 16:00:00	4.4	23/11/2009 16:00:00	2952.44	23/11/2009 16:00:00	7.172			23/11/2009 16:00:00	3.062		
24/11/2009 00:00:00	3157.854	24/11/2009 00:00:00	6.74	24/11/2009 00:00:00	68.875	24/11/2009 00:00:00	4.459	24/11/2009 00:00:00	2767.009	24/11/2009 00:00:00	7.188			24/11/2009 00:00:00	3.053		
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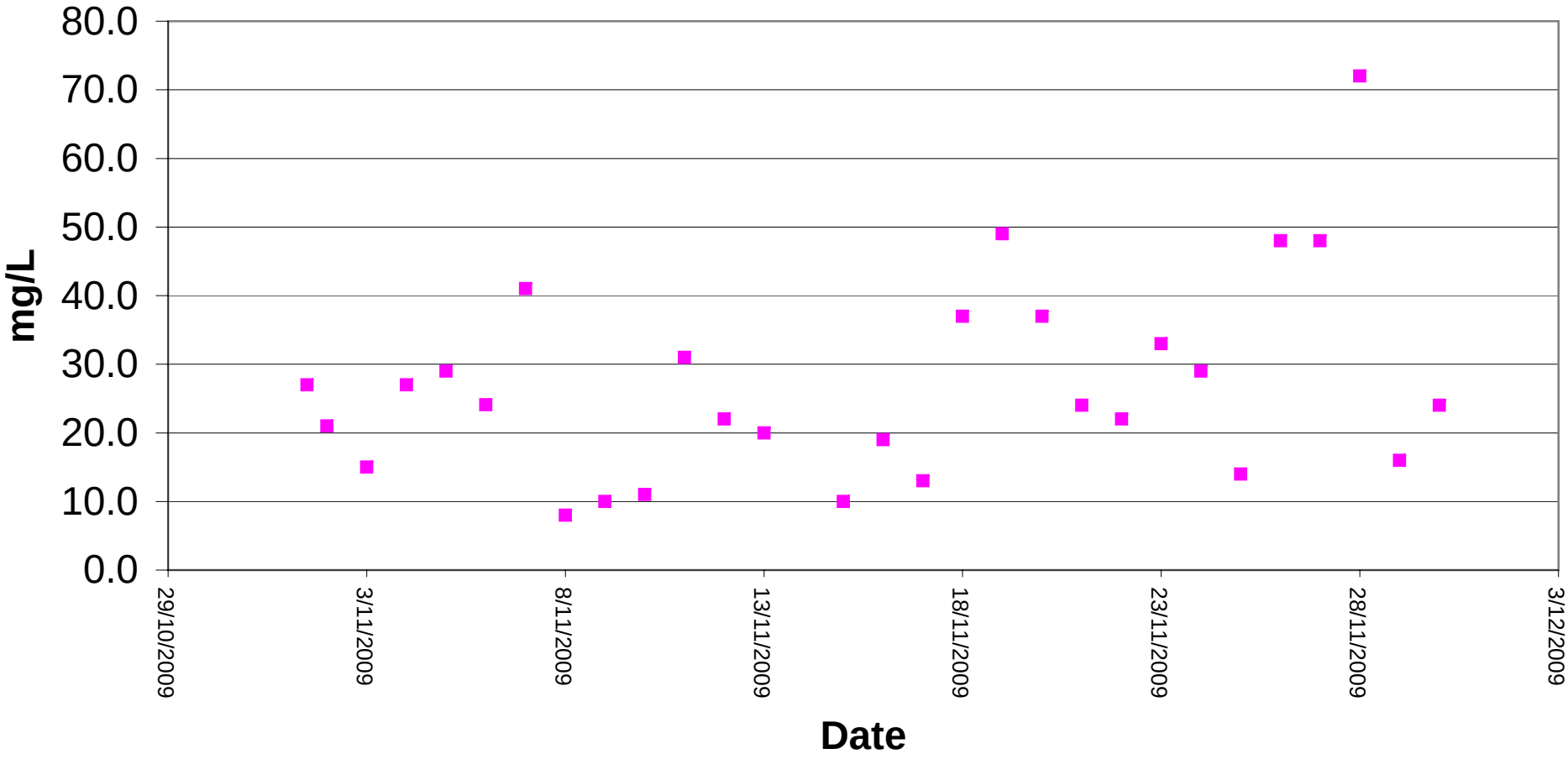
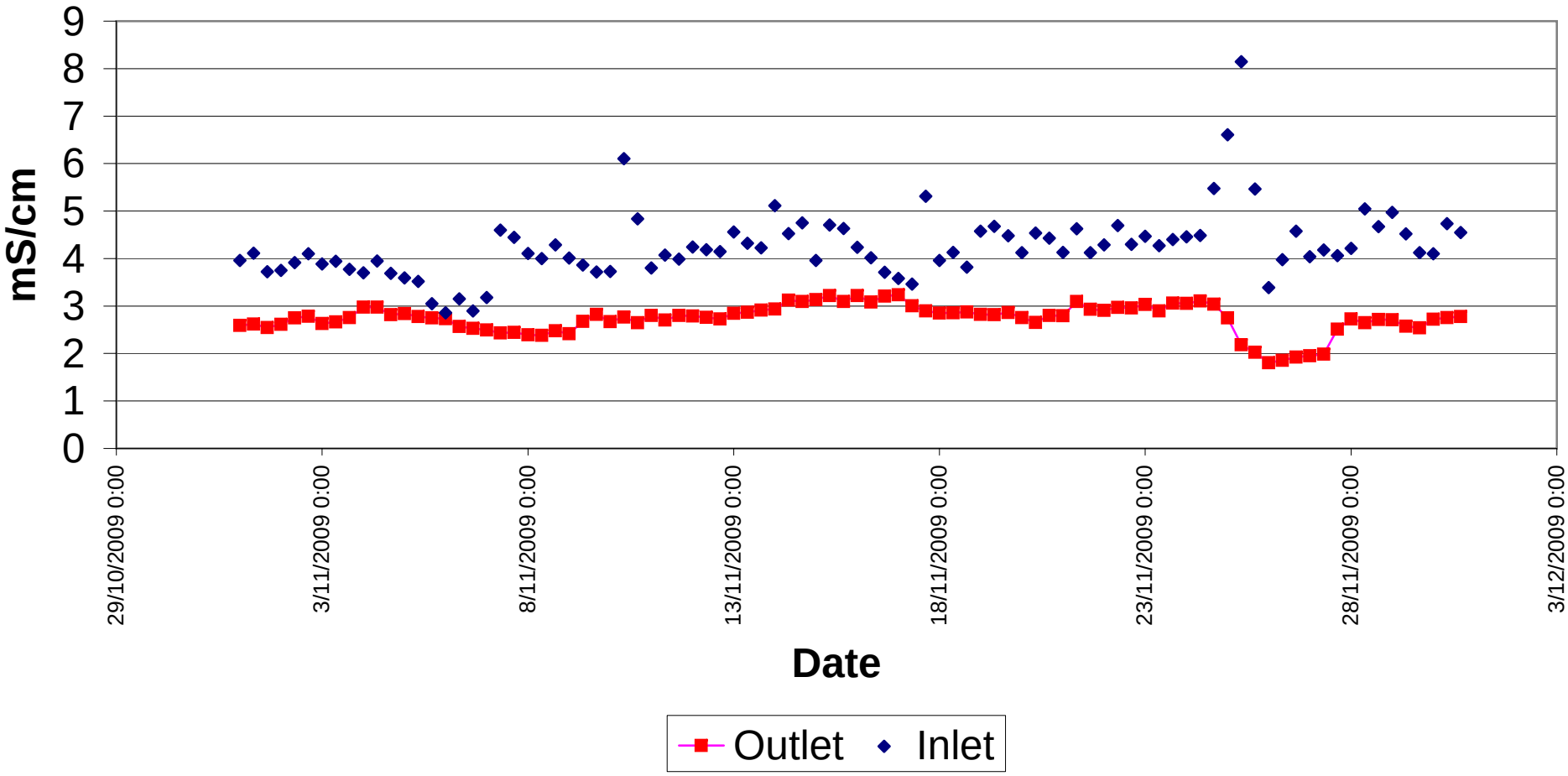
24/11/2009 16:00:00	2636.626	24/11/2009 16:00:00	6.734	24/11/2009 16:00:00	62.57	24/11/2009 16:00:00	5.475	24/11/2009 16:00:00	2937.99	24/11/2009 16:00:00	7.175			24/11/2009 16:00:00	3.04		
25/11/2009 00:00:00	2364.968	25/11/2009 00:00:00	7.472	25/11/2009 00:00:00	37.595	25/11/2009 00:00:00	6.607	25/11/2009 00:00:00	1169.965	25/11/2009 00:00:00	7.206			25/11/2009 00:00:00	2.748		
25/11/2009 08:00:00	5414.523	25/11/2009 08:00:00	8.032	25/11/2009 08:00:00	36.631	25/11/2009 08:00:00	8.143	25/11/2009 08:00:00	554.323	25/11/2009 08:00:00	7.133	25/11/2009	35.4	25/11/2009 08:00:00	2.184	25/11/2009	14.0
25/11/2009 16:00:00	1079.816	25/11/2009 16:00:00	8.11	25/11/2009 16:00:00	34.212	25/11/2009 16:00:00	5.465	25/11/2009 16:00:00	1047.392	25/11/2009 16:00:00	7.137			25/11/2009 16:00:00	2.024		
26/11/2009 00:00:00	1910.803	26/11/2009 00:00:00	6.634	26/11/2009 00:00:00	33.23	26/11/2009 00:00:00	3.389	26/11/2009 00:00:00	2321.269	26/11/2009 00:00:00	7.201			26/11/2009 00:00:00	1.803		
26/11/2009 08:00:00	2905.323	26/11/2009 08:00:00	6.849	26/11/2009 08:00:00	58.489	26/11/2009 08:00:00	3.975	26/11/2009 08:00:00	2949.794	26/11/2009 08:00:00	7.115	26/11/2009	34.2	26/11/2009 08:00:00	1.857	26/11/2009	48.0
26/11/2009 16:00:00	3157.519	26/11/2009 16:00:00	6.252	26/11/2009 16:00:00	62.325	26/11/2009 16:00:00	4.574	26/11/2009 16:00:00	2940.891	26/11/2009 16:00:00	7.096			26/11/2009 16:00:00	1.925		
27/11/2009 00:00:00	2763.112	27/11/2009 00:00:00	7.89	27/11/2009 00:00:00	63.612	27/11/2009 00:00:00	4.037	27/11/2009 00:00:00	3261.287	27/11/2009 00:00:00	7.177			27/11/2009 00:00:00	1.953		
27/11/2009 08:00:00	2775.707	27/11/2009 08:00:00	6.854	27/11/2009 08:00:00	63.352	27/11/2009 08:00:00	4.181	27/11/2009 08:00:00	3725.691	27/11/2009 08:00:00	7.111	27/11/2009	37.3	27/11/2009 08:00:00	1.986	27/11/2009	48.0
27/11/2009 16:00:00	2887.181	27/11/2009 16:00:00	6.303	27/11/2009 16:00:00	66.151	27/11/2009 16:00:00	4.064	27/11/2009 16:00:00	3101.868	27/11/2009 16:00:00	7.14			27/11/2009 16:00:00	2.513		
28/11/2009 00:00:00	3047.063	28/11/2009 00:00:00	6.396	28/11/2009 00:00:00	66.244	28/11/2009 00:00:00	4.212	28/11/2009 00:00:00	3006.053	28/11/2009 00:00:00	7.141			28/11/2009 00:00:00	2.729		
28/11/2009 08:00:00	2843.682	28/11/2009 08:00:00	6.246	28/11/2009 08:00:00	67.359	28/11/2009 08:00:00	5.045	28/11/2009 08:00:00	2937.443	28/11/2009 08:00:00	7.144	28/11/2009	37.0	28/11/2009 08:00:00	2.645	28/11/2009	72.0
28/11/2009 16:00:00	3295.947	28/11/2009 16:00:00	6.743	28/11/2009 16:00:00	67.27	28/11/2009 16:00:00	4.671	28/11/2009 16:00:00	2933.546	28/11/2009 16:00:00	7.153			28/11/2009 16:00:00	2.716		
29/11/2009 00:00:00	3176.556	29/11/2009 00:00:00	6.703	29/11/2009 00:00:00	67.878	29/11/2009 00:00:00	4.972	29/11/2009 00:00:00	3196.893	29/11/2009 00:00:00	7.239			29/11/2009 00:00:00	2.712		
29/11/2009 08:00:00	3063.453	29/11/2009 08:00:00	6.284	29/11/2009 08:00:00	67.838	29/11/2009 08:00:00	4.519	29/11/2009 08:00:00	3726.908	29/11/2009 08:00:00	7.215	29/11/2009	36.6	29/11/2009 08:00:00	2.576	29/11/2009	16.0
29/11/2009 16:00:00	3109.668	29/11/2009 16:00:00	6.455	29/11/2009 16:00:00	67.938	29/11/2009 16:00:00	4.124	29/11/2009 16:00:00	3290.174	29/11/2009 16:00:00	7.31			29/11/2009 16:00:00	2.541		
30/11/2009 00:00:00	3000.323	30/11/2009 00:00:00	6.882	30/11/2009 00:00:00	67.907	30/11/2009 00:00:00	4.1	30/11/2009 00:00:00	2937.145	30/11/2009 00:00:00	7.258			30/11/2009 00:00:00	2.719		
30/11/2009 08:00:00	2901.556	30/11/2009 08:00:00	7.207	30/11/2009 08:00:00	68.291	30/11/2009 08:00:00	4.733	30/11/2009 08:00:00	3218.397	30/11/2009 08:00:00	7.338	30/11/2009	37.0	30/11/2009 08:00:00	2.756	30/11/2009	24.0
30/11/2009 16:00:00	3177.618	30/11/2009 16:00:00	6.134	30/11/2009 16:00:00	67.17	30/11/2009 16:00:00	4.549	30/11/2009 16:00:00	3386.84	30/11/2009 16:00:00	7.25			30/11/2009 16:00:00	2.775		

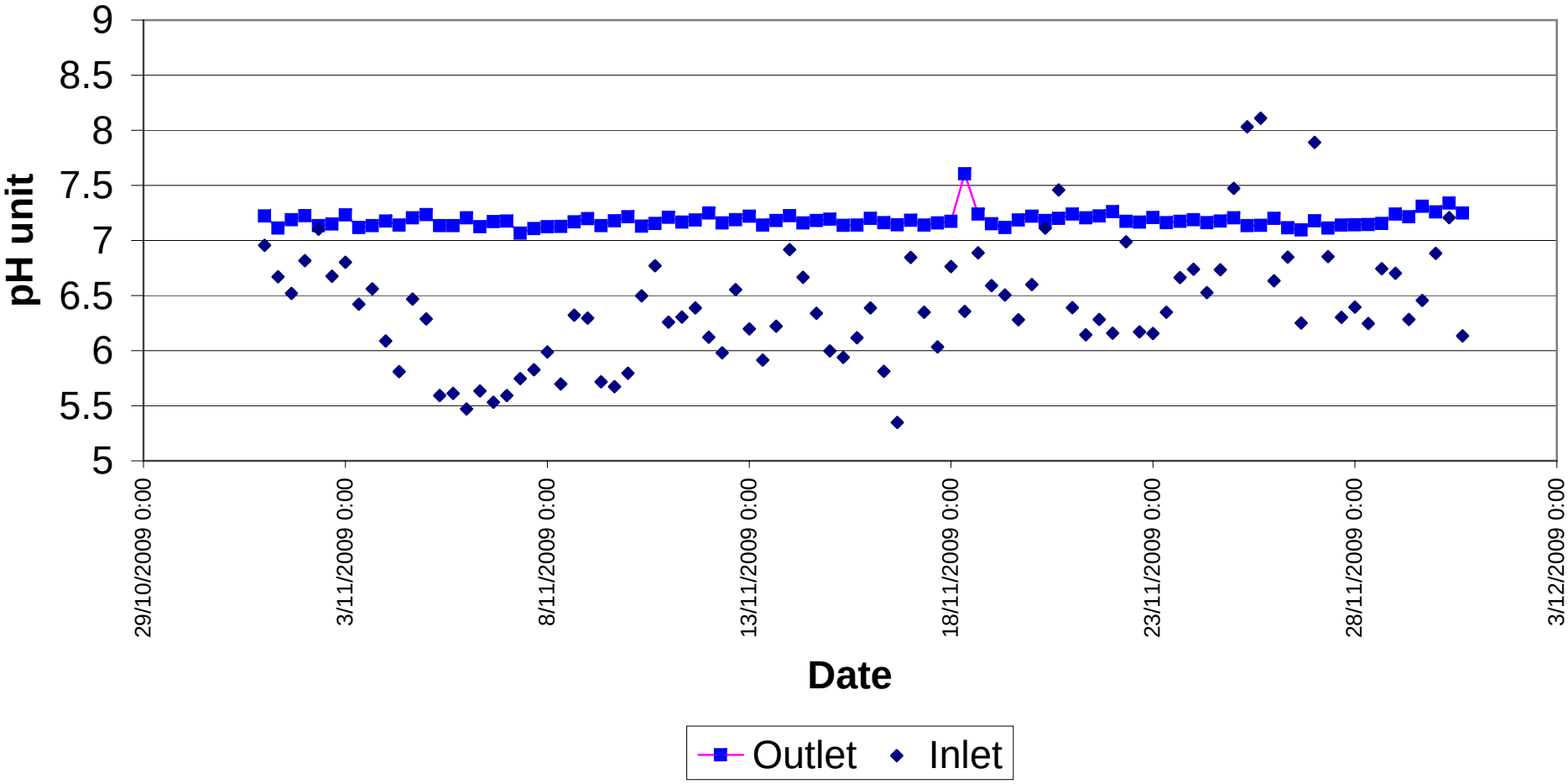
Veracel S.A. - Total Suspended Solids
(24 hour composite)



Veracel S.A. - Electrical Conductivity (on-line meter)



Veracel S.A. pH
(on-line meter)



Veracel S.A.- Flux
(on-line meter)