

Appendix 10 Taxonomic Identification Data

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Collection Area (cm ²)	Volume Received (mL)	Percent Counted	Taxon	Class	Order
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	59.39	49	0.00128%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	59.39	49	0.00128%	Diatoma sp.	Bacillariophyceae	Pennales
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	59.39	49	0.00128%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	59.39	49	0.00128%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	37	0.00198%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	37	0.00198%	Diatoma sp.	Bacillariophyceae	Pennales
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	37	0.00198%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	37	0.00198%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	37	0.00198%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	37	0.00198%	Pinnularia sp.	Bacillariophyceae	Pennales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Diatoma sp.	Bacillariophyceae	Pennales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Melosira sp.	Bacillariophyceae	Centrales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Paralia sp.	Bacillariophyceae	Centrales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Pinnularia sp.	Bacillariophyceae	Pennales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Surirella sp.	Bacillariophyceae	Pennales
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	59.39	30	0.00418%	Synedra sp.	Bacillariophyceae	Pennales
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	59.39	49	0.00256%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	59.39	49	0.00256%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	59.39	49	0.00256%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	59.39	49	0.00256%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	59.39	49	0.00256%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	59.39	49	0.00256%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	59.39	49	0.00256%	Surirella spp.	Bacillariophyceae	Pennales
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	59.39	49	0.00256%	Synedra sp.	Bacillariophyceae	Pennales
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	59.39	38	0.00136%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	59.39	38	0.00136%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	59.39	38	0.00136%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales

EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Family	Genus	Number of Natural Units	Cells per Natural Unit	Number of Cells
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	Achnantheriaceae	Achnantheridium	206	1.00	206
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	Fragilariaceae	Diatoma	1	1.00	1
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	Naviculaceae	Navicula	30	1.00	30
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	Bacillariaceae	Nitzschia	63	1.00	63
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	Achnantheriaceae	Achnantheridium	223	1.00	223
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	Fragilariaceae	Diatoma	9	1.00	9
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	Gomphonemataceae	Gomphonema	5	1.00	5
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	Naviculaceae	Navicula	5	1.00	5
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	Bacillariaceae	Nitzschia	54	1.00	54
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	Pinnulariaceae	Pinnularia	4	1.00	4
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Achnantheriaceae	Achnantheridium	69	1.00	69
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Cymbellaceae	Cymbella	14	1.00	14
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Fragilariaceae	Diatoma	3	1.00	3
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Gomphonemataceae	Gomphonema	3	1.00	3
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Pleurosigmales	Gyrosigma/Pleurosigma	2	1.00	2
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Melosiraceae	Melosira	16	1.00	16
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Naviculaceae	Navicula	47	1.00	47
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Bacillariaceae	Nitzschia	83	1.00	83
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Paraliaceae	Paralia	4	4.00	16
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Pinnulariaceae	Pinnularia	2	1.00	2
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Surirellaceae	Surirella	5	1.00	5
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	Fragilariaceae	Synedra	51	1.00	51
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	Achnantheriaceae	Achnantheridium	189	1.00	189
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	Cymbellaceae	Cymbella	3	1.00	3
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	Gomphonemataceae	Gomphonema	1	1.00	1
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	Pleurosigmales	Gyrosigma/Pleurosigma	1	1.00	1
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	Naviculaceae	Navicula	25	1.00	25
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	Bacillariaceae	Nitzschia	77	1.00	77
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	Surirellaceae	Surirella	1	1.00	1
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	Fragilariaceae	Synedra	3	1.00	3
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	Cymbellaceae	Cymbella	5	1.00	5
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	Gomphonemataceae	Gomphonema	9	1.00	9
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	Pleurosigmales	Gyrosigma/Pleurosigma	1	1.00	1

EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Natural Units/ sample	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²
6500.01-01	RB2001	Elner Biofilm	10:20:00 AM	4/27/2013	16087016.71	16087016.71	328306.46	328306.46	2708707982.56
6500.01-01	RB2001	Elner Biofilm	10:20:00 AM	4/27/2013	78092.31	78092.31	1593.72	1593.72	13149067.88
6500.01-01	RB2001	Elner Biofilm	10:20:00 AM	4/27/2013	2342769.42	2342769.42	47811.62	47811.62	394472036.30
6500.01-01	RB2001	Elner Biofilm	10:20:00 AM	4/27/2013	4919815.79	4919815.79	100404.40	100404.40	828391276.22
6500.01-02	RB2003	Elner Biofilm	9:20:00 AM	4/27/2013	11265283.80	11265283.80	304467.13	304467.13	1896831755.95
6500.01-02	RB2003	Elner Biofilm	9:20:00 AM	4/27/2013	454652.71	454652.71	12287.91	12287.91	76553748.00
6500.01-02	RB2003	Elner Biofilm	9:20:00 AM	4/27/2013	252584.84	252584.84	6826.62	6826.62	42529860.00
6500.01-02	RB2003	Elner Biofilm	9:20:00 AM	4/27/2013	252584.84	252584.84	6826.62	6826.62	42529860.00
6500.01-02	RB2003	Elner Biofilm	9:20:00 AM	4/27/2013	2727916.26	2727916.26	73727.47	73727.47	459322487.99
6500.01-02	RB2003	Elner Biofilm	9:20:00 AM	4/27/2013	202067.87	202067.87	5461.29	5461.29	34023888.00
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	1651510.88	1651510.88	55050.36	55050.36	278078948.64
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	335089.16	335089.16	11169.64	11169.64	56421815.67
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	71804.82	71804.82	2393.49	2393.49	12090389.07
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	71804.82	71804.82	2393.49	2393.49	12090389.07
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	47869.88	47869.88	1595.66	1595.66	8060259.38
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	382959.04	382959.04	12765.30	12765.30	64482075.05
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	1124942.19	1124942.19	37498.07	37498.07	189416095.45
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	1986600.04	1986600.04	66220.00	66220.00	334500764.30
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	95739.76	382959.04	3191.33	12765.30	64482075.05
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	47869.88	47869.88	1595.66	1595.66	8060259.38
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	119674.70	119674.70	3989.16	3989.16	20150648.45
6500.01-03	RB2003 DUP	Elner Biofilm	9:20:00 AM	4/27/2013	1220681.95	1220681.95	40689.40	40689.40	205536614.21
6500.01-04	RB2007	Elner Biofilm	1:48:00 PM	4/25/2013	7379723.68	7379723.68	150606.61	150606.61	1242586914.33
6500.01-04	RB2007	Elner Biofilm	1:48:00 PM	4/25/2013	117138.47	117138.47	2390.58	2390.58	19723601.81
6500.01-04	RB2007	Elner Biofilm	1:48:00 PM	4/25/2013	39046.16	39046.16	796.86	796.86	6574533.94
6500.01-04	RB2007	Elner Biofilm	1:48:00 PM	4/25/2013	39046.16	39046.16	796.86	796.86	6574533.94
6500.01-04	RB2007	Elner Biofilm	1:48:00 PM	4/25/2013	976153.93	976153.93	19921.51	19921.51	164363348.46
6500.01-04	RB2007	Elner Biofilm	1:48:00 PM	4/25/2013	3006554.09	3006554.09	61358.25	61358.25	506239113.25
6500.01-04	RB2007	Elner Biofilm	1:48:00 PM	4/25/2013	39046.16	39046.16	796.86	796.86	6574533.94
6500.01-04	RB2007	Elner Biofilm	1:48:00 PM	4/25/2013	117138.47	117138.47	2390.58	2390.58	19723601.81
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	366638.89	366638.89	9648.39	9648.39	61734111.62
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	659950.00	659950.00	17367.11	17367.11	111121400.91
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	73327.78	73327.78	1929.68	1929.68	12346822.32

2013 BC Marine Benthic Algae

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Cells per m ²
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	2708707982.56
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	13149067.88
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	394472036.30
6500.01-01	RB2001	Elnor Biofilm	10:20:00 AM	4/27/2013	828391276.22
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	1896831755.95
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	76553748.00
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	42529860.00
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	42529860.00
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	459322487.99
6500.01-02	RB2003	Elnor Biofilm	9:20:00 AM	4/27/2013	34023888.00
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	278078948.64
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	56421815.67
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	12090389.07
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	12090389.07
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	8060259.38
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	64482075.05
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	189416095.45
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	334500764.30
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	64482075.05
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	8060259.38
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	20150648.45
6500.01-03	RB2003 DUP	Elnor Biofilm	9:20:00 AM	4/27/2013	205536614.21
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	1242586914.33
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	19723601.81
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	6574533.94
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	6574533.94
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	164363348.46
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	506239113.25
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	6574533.94
6500.01-04	RB2007	Elnor Biofilm	1:48:00 PM	4/25/2013	19723601.81
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	61734111.62
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	111121400.91
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	12346822.32

2013 BC Marine Benthic Algae

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6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	59.39	38	0.00136%	Melosira sp.	Bacillariophyceae	Centrales
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	59.39	38	0.00136%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	59.39	38	0.00136%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	59.39	38	0.00136%	Synedra sp.	Bacillariophyceae	Pennales
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	59.39	35	0.00178%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	59.39	35	0.00178%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	59.39	35	0.00178%	Diatoma sp.	Bacillariophyceae	Pennales
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	59.39	35	0.00178%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	59.39	35	0.00178%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	59.39	35	0.00178%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	59.39	35	0.00178%	Odontella sp.	Bacillariophyceae	Centrales
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	59.39	35	0.00178%	Skeletonema sp.	Bacillariophyceae	Centrales
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	59.39	35	0.00178%	Surirella sp.	Bacillariophyceae	Pennales
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	59.39	35	0.00178%	Synedra sp.	Bacillariophyceae	Pennales
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	59.39	42	0.00054%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	59.39	42	0.00054%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	59.39	42	0.00054%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	59.39	42	0.00054%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	59.39	42	0.00054%	Pinnularia sp.	Bacillariophyceae	Pennales
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	59.39	42	0.00054%	Rhoicosphenia sp.	Bacillariophyceae	Pennales
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	59.39	42	0.00054%	Rhopalodia sp.	Bacillariophyceae	Pennales
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	59.39	26	0.00060%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	59.39	26	0.00060%	Biddulphia sp.	Bacillariophyceae	Centrales
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	59.39	26	0.00060%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	59.39	26	0.00060%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	59.39	26	0.00060%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	59.39	26	0.00060%	Surirella sp.	Bacillariophyceae	Pennales
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	59.39	39	0.00036%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	59.39	39	0.00036%	Closteriopsis sp.	Chlorophyceae	Chlorococcales
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	59.39	39	0.00036%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	59.39	39	0.00036%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	59.39	39	0.00036%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	59.39	39	0.00036%	Pinnularia sp.	Bacillariophyceae	Pennales
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	59.39	39	0.00036%	Skeletonema sp.	Bacillariophyceae	Centrales
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	59.39	39	0.00036%	Surirella sp.	Bacillariophyceae	Pennales
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	59.39	30	0.00053%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	59.39	30	0.00053%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	59.39	30	0.00053%	Gomphonema sp.	Bacillariophyceae	Pennales

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6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	Melosiraceae	Melosira	4	4.75	19
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	Naviculaceae	Navicula	49	1.00	49
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	Bacillariaceae	Nitzschia	71	1.00	71
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	Fragilariaceae	Synedra	3	1.00	3
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	Achnanthidiaceae	Achnanthidium	74	1.00	74
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	Cymbellaceae	Cymbella	17	1.00	17
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	Fragilariaceae	Diatoma	1	1.00	1
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	Gomphonemataceae	Gomphonema	8	1.00	8
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	Naviculaceae	Navicula	30	1.00	30
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	Bacillariaceae	Nitzschia	160	1.00	160
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	Triceratiaceae	Odontella	5	1.80	9
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	Skeletonemataceae	Skeletonema	1	1.00	1
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	Surirellaceae	Surirella	1	1.00	1
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	Fragilariaceae	Synedra	3	1.00	3
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	Achnanthidiaceae	Achnanthidium	172	1.00	172
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	Cymbellaceae	Cymbella	5	1.00	5
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	Naviculaceae	Navicula	20	1.00	20
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	Bacillariaceae	Nitzschia	92	1.00	92
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	Pinnulariaceae	Pinnularia	5	1.00	5
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	Rhoicospheniaceae	Rhoicosphenia	3	1.00	3
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	Rhopalodiaceae	Rhopalodia	3	1.00	3
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	Achnanthidiaceae	Achnanthidium	95	1.00	95
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	Biddulphiaceae	Biddulphia	5	1.20	6
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	Cymbellaceae	Cymbella	7	1.00	7
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	Naviculaceae	Navicula	52	1.00	52
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	Bacillariaceae	Nitzschia	140	1.00	140
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	Surirellaceae	Surirella	1	1.00	1
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	Achnanthidiaceae	Achnanthidium	48	1.00	48
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	Oocystaceae	Closteriopsis	5	1.00	5
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	Cymbellaceae	Cymbella	14	1.00	14
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	Naviculaceae	Navicula	59	1.00	59
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	Bacillariaceae	Nitzschia	165	1.00	165
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	Pinnulariaceae	Pinnularia	3	1.00	3
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	Skeletonemataceae	Skeletonema	5	5.40	27
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	Surirellaceae	Surirella	1	1.00	1
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	Achnanthidiaceae	Achnanthidium	218	1.00	218
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	Cymbellaceae	Cymbella	5	1.00	5
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	Gomphonemataceae	Gomphonema	1	1.00	1

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6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	293311.11	1393227.78	7718.71	36663.89	234589624.14
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	3593061.11	3593061.11	94554.24	94554.24	604994293.84
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	5206272.22	5206272.22	137007.16	137007.16	876624384.95
6500.01-05	RB2009	Elner Biofilm	1:45:00 PM	4/26/2013	219983.33	219983.33	5789.04	5789.04	37040466.97
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	4160692.92	4160692.92	118876.94	118876.94	700571294.53
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	955834.86	955834.86	27309.57	27309.57	160942054.15
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	56225.58	56225.58	1606.45	1606.45	9467179.66
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	449804.64	449804.64	12851.56	12851.56	75737437.25
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	1686767.40	1686767.40	48193.35	48193.35	284015389.67
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	8996092.80	8996092.80	257031.22	257031.22	1514748744.92
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	281127.90	506030.22	8032.23	14458.01	85204616.90
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	56225.58	56225.58	1606.45	1606.45	9467179.66
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	56225.58	56225.58	1606.45	1606.45	9467179.66
6500.01-06	RB2011	Elner Intertida	10:55:00 AM	4/26/2013	168676.74	168676.74	4819.34	4819.34	28401538.97
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	31665404.76	31665404.76	753938.21	753938.21	5331773827.56
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	920505.95	920505.95	21916.81	21916.81	154993425.22
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	3682023.81	3682023.81	87667.23	87667.23	619973700.88
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	16937309.52	16937309.52	403269.27	403269.27	2851879024.05
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	920505.95	920505.95	21916.81	21916.81	154993425.22
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	552303.57	552303.57	13150.09	13150.09	92996055.13
6500.01-07	RB2013	Elner Intertida	10:12:00 AM	4/26/2013	552303.57	552303.57	13150.09	13150.09	92996055.13
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	15718902.49	15718902.49	604573.17	604573.17	2646725457.88
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	827310.66	992772.79	31819.64	38183.57	167161607.87
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	1158234.92	1158234.92	44547.50	44547.50	195021875.84
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	8604030.84	8604030.84	330924.26	330924.26	1448733934.84
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	23164698.41	23164698.41	890949.94	890949.94	3900437516.87
6500.01-08	RB2013 DUP	Elner Intertida	10:12:00 AM	4/26/2013	165462.13	165462.13	6363.93	6363.93	27860267.98
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	13422802.72	13422802.72	344174.43	344174.43	2260111587.99
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	1398208.62	1398208.62	35851.50	35851.50	235428290.42
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	3914984.13	3914984.13	100384.21	100384.21	659199213.16
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	16498861.68	16498861.68	423047.74	423047.74	2778053826.91
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	46140884.35	46140884.35	1183099.60	1183099.60	7769133583.72
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	838925.17	838925.17	21510.90	21510.90	141256974.25
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	1398208.62	7550326.53	35851.50	193598.12	1271312768.25
6500.01-09	RB2016	Elner Intertida	11:50:00 AM	4/26/2013	279641.72	279641.72	7170.30	7170.30	47085658.08
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	40900952.38	40900952.38	1363365.08	1363365.08	6886841619.96
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	938095.24	938095.24	31269.84	31269.84	157955083.03
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	187619.05	187619.05	6253.97	6253.97	31591016.61

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6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	234589624.14
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	604994293.84
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	876624384.95
6500.01-05	RB2009	Elnor Biofilm	1:45:00 PM	4/26/2013	37040466.97
6500.01-06	RB2011	Elnor Intertida	10:55:00 AM	4/26/2013	700571294.53
6500.01-06	RB2011	Elnor Intertida	10:55:00 AM	4/26/2013	160942054.15
6500.01-06	RB2011	Elnor Intertida	10:55:00 AM	4/26/2013	9467179.66
6500.01-06	RB2011	Elnor Intertida	10:55:00 AM	4/26/2013	75737437.25
6500.01-06	RB2011	Elnor Intertida	10:55:00 AM	4/26/2013	284015389.67
6500.01-06	RB2011	Elnor Intertida	10:55:00 AM	4/26/2013	1514748744.92
6500.01-06	RB2011	Elnor Intertida	10:55:00 AM	4/26/2013	85204616.90
6500.01-06	RB2011	Elnor Intertida	10:55:00 AM	4/26/2013	9467179.66
6500.01-06	RB2011	Elnor Intertida	10:55:00 AM	4/26/2013	9467179.66
6500.01-06	RB2011	Elnor Intertida	10:55:00 AM	4/26/2013	28401538.97
6500.01-07	RB2013	Elnor Intertida	10:12:00 AM	4/26/2013	5331773827.56
6500.01-07	RB2013	Elnor Intertida	10:12:00 AM	4/26/2013	154993425.22
6500.01-07	RB2013	Elnor Intertida	10:12:00 AM	4/26/2013	619973700.88
6500.01-07	RB2013	Elnor Intertida	10:12:00 AM	4/26/2013	2851879024.05
6500.01-07	RB2013	Elnor Intertida	10:12:00 AM	4/26/2013	154993425.22
6500.01-07	RB2013	Elnor Intertida	10:12:00 AM	4/26/2013	92996055.13
6500.01-07	RB2013	Elnor Intertida	10:12:00 AM	4/26/2013	92996055.13
6500.01-08	RB2013 DUP	Elnor Intertida	10:12:00 AM	4/26/2013	2646725457.88
6500.01-08	RB2013 DUP	Elnor Intertida	10:12:00 AM	4/26/2013	167161607.87
6500.01-08	RB2013 DUP	Elnor Intertida	10:12:00 AM	4/26/2013	195021875.84
6500.01-08	RB2013 DUP	Elnor Intertida	10:12:00 AM	4/26/2013	1448733934.84
6500.01-08	RB2013 DUP	Elnor Intertida	10:12:00 AM	4/26/2013	3900437516.87
6500.01-08	RB2013 DUP	Elnor Intertida	10:12:00 AM	4/26/2013	27860267.98
6500.01-09	RB2016	Elnor Intertida	11:50:00 AM	4/26/2013	2260111587.99
6500.01-09	RB2016	Elnor Intertida	11:50:00 AM	4/26/2013	235428290.42
6500.01-09	RB2016	Elnor Intertida	11:50:00 AM	4/26/2013	659199213.16
6500.01-09	RB2016	Elnor Intertida	11:50:00 AM	4/26/2013	2778053826.91
6500.01-09	RB2016	Elnor Intertida	11:50:00 AM	4/26/2013	7769133583.72
6500.01-09	RB2016	Elnor Intertida	11:50:00 AM	4/26/2013	141256974.25
6500.01-09	RB2016	Elnor Intertida	11:50:00 AM	4/26/2013	1271312768.25
6500.01-09	RB2016	Elnor Intertida	11:50:00 AM	4/26/2013	47085658.08
6500.01-10	RB2019	Elnor Intertida	10:40:00 AM	4/27/2013	6886841619.96
6500.01-10	RB2019	Elnor Intertida	10:40:00 AM	4/27/2013	157955083.03
6500.01-10	RB2019	Elnor Intertida	10:40:00 AM	4/27/2013	31591016.61

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6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	59.39	30	0.00053%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	59.39	30	0.00053%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	59.39	30	0.00053%	Pinnularia sp.	Bacillariophyceae	Pennales
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	59.39	31	0.00074%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	59.39	31	0.00074%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	59.39	31	0.00074%	Diatoma sp.	Bacillariophyceae	Pennales
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	59.39	31	0.00074%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	59.39	31	0.00074%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	59.39	31	0.00074%	Rhopalodia sp.	Bacillariophyceae	Pennales
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	59.39	31	0.00074%	Skeletonema sp.	Bacillariophyceae	Centrales
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	59.39	31	0.00074%	Synedra sp.	Bacillariophyceae	Pennales
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	59.39	35	0.00164%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	59.39	35	0.00164%	Amphora sp.	Bacillariophyceae	Pennales
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	59.39	35	0.00164%	Cocconeis sp.	Bacillariophyceae	Pennales
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	59.39	35	0.00164%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	59.39	35	0.00164%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	59.39	35	0.00164%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	59.39	35	0.00164%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	59.39	35	0.00164%	Pinnularia sp.	Bacillariophyceae	Pennales
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	59.39	28	0.00038%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	59.39	28	0.00038%	Amphora sp.	Bacillariophyceae	Pennales
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	59.39	28	0.00038%	Cocconeis sp.	Bacillariophyceae	Pennales
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	59.39	28	0.00038%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	59.39	28	0.00038%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	59.39	28	0.00038%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	59.39	28	0.00038%	Skeletonema sp.	Bacillariophyceae	Centrales
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	59.39	36	0.00041%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	59.39	36	0.00041%	Amphora sp.	Bacillariophyceae	Pennales
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	59.39	36	0.00041%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	59.39	36	0.00041%	Diatoma sp.	Bacillariophyceae	Pennales
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	59.39	36	0.00041%	Diploneis sp.	Bacillariophyceae	Pennales
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	59.39	36	0.00041%	Navicula spp.	Bacillariophyceae	Pennales
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	59.39	36	0.00041%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	59.39	36	0.00041%	Paralia sp.	Bacillariophyceae	Centrales
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	59.39	36	0.00041%	Rhopalodia sp.	Bacillariophyceae	Pennales
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	59.39	36	0.00041%	Skeletonema sp.	Bacillariophyceae	Centrales
6500.01-15	RB2026	Canoe Pass B	1:00:00 PM	4/28/2013	59.39	35	0.00294%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-15	RB2026	Canoe Pass B	1:00:00 PM	4/28/2013	59.39	35	0.00294%	Amphora sp.	Bacillariophyceae	Pennales

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6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	Naviculaceae	Navicula	12	1.00	12
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	Bacillariaceae	Nitzschia	62	1.00	62
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	Pinnulariaceae	Pinnularia	2	1.00	2
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	Achnanthidiaceae	Achnanthidium	78	1.00	78
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	Cymbellaceae	Cymbella	27	1.00	27
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	Fragilariaceae	Diatoma	5	1.00	5
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	Naviculaceae	Navicula	48	1.00	48
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	Bacillariaceae	Nitzschia	126	1.00	126
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	Rhopalodiaceae	Rhopalodia	7	1.00	7
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	Skeletonemataceae	Skeletonema	8	3.13	25
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	Fragilariaceae	Synedra	1	1.00	1
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	Achnanthidiaceae	Achnanthidium	86	1.00	86
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	Catenulaceae	Amphora	11	1.00	11
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	Achnanthaceae	Cocconeis	1	1.00	1
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	Cymbellaceae	Cymbella	35	1.00	35
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	Gomphonemataceae	Gomphonema	7	1.00	7
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	Naviculaceae	Navicula	48	1.00	48
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	Bacillariaceae	Nitzschia	109	1.00	109
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	Pinnulariaceae	Pinnularia	3	1.00	3
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	Achnanthidiaceae	Achnanthidium	131	1.00	131
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	Catenulaceae	Amphora	11	1.00	11
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	Achnanthaceae	Cocconeis	8	1.00	8
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	Cymbellaceae	Cymbella	7	1.00	7
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	Naviculaceae	Navicula	54	1.00	54
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	Bacillariaceae	Nitzschia	88	1.00	88
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	Skeletonemataceae	Skeletonema	1	2.00	2
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	Achnanthidiaceae	Achnanthidium	78	1.00	78
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	Catenulaceae	Amphora	74	1.00	74
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	Cymbellaceae	Cymbella	9	1.00	9
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	Fragilariaceae	Diatoma	3	1.00	3
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	Diploneidaceae	Diploneis	7	1.00	7
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	Naviculaceae	Navicula	46	1.00	46
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	Bacillariaceae	Nitzschia	74	1.00	74
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	Paraliaceae	Paralia	4	2.00	8
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	Rhopalodiaceae	Rhopalodia	1	1.00	1
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	Skeletonemataceae	Skeletonema	4	2.75	11
6500.01-15	RB2026	Canoe Pass B	1:00:00 PM	4/28/2013	Achnanthidiaceae	Achnanthidium	164	1.00	164
6500.01-15	RB2026	Canoe Pass B	1:00:00 PM	4/28/2013	Catenulaceae	Amphora	31	1.00	31

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6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	2251428.57	2251428.57	75047.62	75047.62	379092199.26
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	11632380.95	11632380.95	387746.03	387746.03	1958643029.53
6500.01-10	RB2019	Elner Intertida	10:40:00 AM	4/27/2013	375238.10	375238.10	12507.94	12507.94	63182033.21
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	10561643.41	10561643.41	340698.17	340698.17	1778353832.44
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	3655953.49	3655953.49	117933.98	117933.98	615584018.92
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	677028.42	677028.42	21839.63	21839.63	113997040.54
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	6499472.87	6499472.87	209660.42	209660.42	1094371589.19
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	17061116.28	17061116.28	550358.59	550358.59	2872725421.63
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	947839.79	947839.79	30575.48	30575.48	159595856.76
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	1083245.48	3385142.12	34943.40	109198.13	569985202.70
6500.01-11	RB2020	Elner Intertida	12:20:00 PM	4/26/2013	135405.68	135405.68	4367.93	4367.93	22799408.11
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	5238349.87	5238349.87	149667.14	149667.14	882025571.26
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	670021.49	670021.49	19143.47	19143.47	112817224.23
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	60911.04	60911.04	1740.32	1740.32	10256111.29
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	2131886.57	2131886.57	60911.04	60911.04	358963895.28
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	426377.31	426377.31	12182.21	12182.21	71792779.06
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	2923730.16	2923730.16	83535.15	83535.15	492293342.10
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	6639303.90	6639303.90	189694.40	189694.40	1117916131.02
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	182733.13	182733.13	5220.95	5220.95	30768333.88
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	34558291.49	34558291.49	1234224.70	1234224.70	5818873797.99
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	2901841.27	2901841.27	103637.19	103637.19	488607723.50
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	2110430.01	2110430.01	75372.50	75372.50	355351071.63
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	1846626.26	1846626.26	65950.94	65950.94	310932187.68
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	14245402.60	14245402.60	508764.38	508764.38	2398619733.52
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	23214730.16	23214730.16	829097.51	829097.51	3908861787.97
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	263803.75	527607.50	9421.56	18843.13	88837767.91
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	19024571.43	19024571.43	528460.32	528460.32	3203329083.78
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	18048952.38	18048952.38	501359.79	501359.79	3039055797.43
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	2195142.86	2195142.86	60976.19	60976.19	369614894.28
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	731714.29	731714.29	20325.40	20325.40	123204964.76
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	1707333.33	1707333.33	47425.93	47425.93	287478251.11
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	11219619.05	11219619.05	311656.08	311656.08	1889142793.00
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	18048952.38	18048952.38	501359.79	501359.79	3039055797.43
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	975619.05	1951238.10	27100.53	54201.06	328546572.70
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	243904.76	243904.76	6775.13	6775.13	41068321.59
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	975619.05	2682952.38	27100.53	74526.46	451751537.46
6500.01-15	RB2026	Canoe Pass B	1:00:00 PM	4/28/2013	5575485.42	5575485.42	159299.58	159299.58	938791954.70
6500.01-15	RB2026	Canoe Pass B	1:00:00 PM	4/28/2013	1053902.73	1053902.73	30111.51	30111.51	177454576.80

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6500.01-10	RB2019	Elnor Intertida	10:40:00 AM	4/27/2013	379092199.26
6500.01-10	RB2019	Elnor Intertida	10:40:00 AM	4/27/2013	1958643029.53
6500.01-10	RB2019	Elnor Intertida	10:40:00 AM	4/27/2013	63182033.21
6500.01-11	RB2020	Elnor Intertida	12:20:00 PM	4/26/2013	1778353832.44
6500.01-11	RB2020	Elnor Intertida	12:20:00 PM	4/26/2013	615584018.92
6500.01-11	RB2020	Elnor Intertida	12:20:00 PM	4/26/2013	113997040.54
6500.01-11	RB2020	Elnor Intertida	12:20:00 PM	4/26/2013	1094371589.19
6500.01-11	RB2020	Elnor Intertida	12:20:00 PM	4/26/2013	2872725421.63
6500.01-11	RB2020	Elnor Intertida	12:20:00 PM	4/26/2013	159595856.76
6500.01-11	RB2020	Elnor Intertida	12:20:00 PM	4/26/2013	569985202.70
6500.01-11	RB2020	Elnor Intertida	12:20:00 PM	4/26/2013	22799408.11
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	882025571.26
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	112817224.23
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	10256111.29
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	358963895.28
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	71792779.06
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	492293342.10
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	1117916131.02
6500.01-12	RB2022	Intercausewa	12:40:00 PM	4/25/2013	30768333.88
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	5818873797.99
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	488607723.50
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	355351071.63
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	310932187.68
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	2398619733.52
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	3908861787.97
6500.01-13	RB2024	Intercausewa	10:45:00 AM	4/25/2013	88837767.91
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	3203329083.78
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	3039055797.43
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	369614894.28
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	123204964.76
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	287478251.11
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	1889142793.00
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	3039055797.43
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	328546572.70
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	41068321.59
6500.01-14	RB2025	Intercausewa	11:20:00 AM	4/25/2013	451751537.46
6500.01-15	RB2026	Canoe Pass B	1:00:00 PM	4/28/2013	938791954.70
6500.01-15	RB2026	Canoe Pass B	1:00:00 PM	4/28/2013	177454576.80

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6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	59.39	35	0.00294%	Cocconeis sp.	Bacillariophyceae	Pennales
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	59.39	35	0.00294%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	59.39	35	0.00294%	Diploneis sp.	Bacillariophyceae	Pennales
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	59.39	35	0.00294%	Epithemia sp.	Bacillariophyceae	Pennales
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	59.39	35	0.00294%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	59.39	35	0.00294%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	59.39	35	0.00294%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	59.39	35	0.00294%	Paralia sp.	Bacillariophyceae	Centrales
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	59.39	35	0.00294%	Synedra sp.	Bacillariophyceae	Pennales
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	59.39	31	0.00158%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	59.39	31	0.00158%	Amphora sp.	Bacillariophyceae	Pennales
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	59.39	31	0.00158%	Cocconeis sp.	Bacillariophyceae	Pennales
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	59.39	31	0.00158%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	59.39	31	0.00158%	Diatoma sp.	Bacillariophyceae	Pennales
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	59.39	31	0.00158%	Diploneis sp.	Bacillariophyceae	Pennales
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	59.39	31	0.00158%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	59.39	31	0.00158%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	59.39	31	0.00158%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	59.39	31	0.00158%	Paralia sp.	Bacillariophyceae	Centrales
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	59.39	31	0.00158%	Skeletonema sp.	Bacillariophyceae	Centrales
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	59.39	31	0.00467%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	59.39	31	0.00467%	Amphora sp.	Bacillariophyceae	Pennales
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	59.39	31	0.00467%	Cocconeis sp.	Bacillariophyceae	Pennales
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	59.39	31	0.00467%	Cylindrotheca sp.	Bacillariophyceae	Pennales
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	59.39	31	0.00467%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	59.39	31	0.00467%	Diploneis sp.	Bacillariophyceae	Pennales
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	59.39	31	0.00467%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	59.39	31	0.00467%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	59.39	31	0.00467%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	59.39	31	0.00467%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	59.39	31	0.00467%	Synedra sp.	Bacillariophyceae	Pennales
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	59.39	37	0.00117%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	59.39	37	0.00117%	Amphora sp.	Bacillariophyceae	Pennales
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	59.39	37	0.00117%	Cocconeis sp.	Bacillariophyceae	Pennales
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	59.39	37	0.00117%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	59.39	37	0.00117%	Entomoneis sp.	Bacillariophyceae	Pennales
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	59.39	37	0.00117%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	59.39	37	0.00117%	Nitzschia sp.	Bacillariophyceae	Pennales

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6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	Achnanthaceae	Cocconeis	1	1.00	1
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	Cymbellaceae	Cymbella	3	1.00	3
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	Diploneidaceae	Diploneis	3	1.00	3
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	Rhopalodiaceae	Epithemia	1	1.00	1
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	Gomphonemataceae	Gomphonema	2	1.00	2
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	Naviculaceae	Navicula	51	1.00	51
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	Bacillariaceae	Nitzschia	40	1.00	40
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	Paraliaceae	Paralia	3	3.00	9
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	Fragilariaceae	Synedra	1	1.00	1
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	Achnanthidiaceae	Achnanthidium	92	1.00	92
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	Catenulaceae	Amphora	13	1.00	13
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	Achnanthaceae	Cocconeis	1	1.00	1
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	Cymbellaceae	Cymbella	11	1.00	11
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	Fragilariaceae	Diatoma	3	1.00	3
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	Diploneidaceae	Diploneis	1	1.00	1
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	Gomphonemataceae	Gomphonema	3	1.00	3
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	Naviculaceae	Navicula	107	1.00	107
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	Bacillariaceae	Nitzschia	67	1.00	67
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	Paraliaceae	Paralia	1	1.00	1
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	Skeletonemataceae	Skeletonema	1	5.00	5
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	Achnanthidiaceae	Achnanthidium	150	1.00	150
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	Catenulaceae	Amphora	13	1.00	13
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	Achnanthaceae	Cocconeis	4	1.00	4
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	Bacillariaceae	Cylindrotheca	7	1.00	7
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	Cymbellaceae	Cymbella	13	1.00	13
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	Diploneidaceae	Diploneis	1	1.00	1
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	Gomphonemataceae	Gomphonema	9	1.00	9
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	Naviculaceae	Navicula	40	1.00	40
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	Bacillariaceae	Nitzschia	60	1.00	60
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	Pleurosigmataceae	Gyrosigma/Pleurosign	1	1.00	1
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	Fragilariaceae	Synedra	2	1.00	2
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	Achnanthidiaceae	Achnanthidium	267	1.00	267
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	Catenulaceae	Amphora	1	1.00	1
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	Achnanthaceae	Cocconeis	1	11.00	11
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	Cymbellaceae	Cymbella	1	1.00	1
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	Entomoneidaceae	Entomoneis	1	1.00	1
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	Naviculaceae	Navicula	20	1.00	20
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	Bacillariaceae	Nitzschia	7	1.00	7

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6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	33996.86	33996.86	971.34	971.34	5724341.19
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	101990.59	101990.59	2914.02	2914.02	17173023.56
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	101990.59	101990.59	2914.02	2914.02	17173023.56
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	33996.86	33996.86	971.34	971.34	5724341.19
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	67993.72	67993.72	1942.68	1942.68	11448682.37
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	1733839.98	1733839.98	49538.29	49538.29	291941400.55
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	1359874.49	1359874.49	38853.56	38853.56	228973647.49
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	101990.59	305971.76	2914.02	8742.05	51519070.68
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	33996.86	33996.86	971.34	971.34	5724341.19
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	5822444.44	5822444.44	187820.79	187820.79	980374548.65
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	822736.71	822736.71	26539.89	26539.89	138531186.22
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	63287.44	63287.44	2041.53	2041.53	10656245.09
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	696161.84	696161.84	22456.83	22456.83	117218696.03
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	189862.32	189862.32	6124.59	6124.59	31968735.28
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	63287.44	63287.44	2041.53	2041.53	10656245.09
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	189862.32	189862.32	6124.59	6124.59	31968735.28
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	6771756.04	6771756.04	218443.74	218443.74	1140218225.06
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	4240258.45	4240258.45	136782.53	136782.53	713968421.30
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	63287.44	63287.44	2041.53	2041.53	10656245.09
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	63287.44	316437.20	2041.53	10207.65	53281225.47
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	3210906.86	3210906.86	103577.64	103577.64	540647729.04
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	278278.59	278278.59	8976.73	8976.73	46856136.52
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	85624.18	85624.18	2762.07	2762.07	14417272.77
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	149842.32	149842.32	4833.62	4833.62	25230227.36
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	278278.59	278278.59	8976.73	8976.73	46856136.52
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	21406.05	21406.05	690.52	690.52	3604318.19
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	192654.41	192654.41	6214.66	6214.66	32438863.74
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	856241.83	856241.83	27620.70	27620.70	144172727.74
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	1284362.75	1284362.75	41431.06	41431.06	216259091.61
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	21406.05	21406.05	690.52	690.52	3604318.19
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	42812.09	42812.09	1381.04	1381.04	7208636.39
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	22803336.31	22803336.31	616306.39	616306.39	3839591902.60
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	85405.75	85405.75	2308.26	2308.26	14380494.02
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	85405.75	939463.29	2308.26	25390.90	158185434.19
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	85405.75	85405.75	2308.26	2308.26	14380494.02
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	85405.75	85405.75	2308.26	2308.26	14380494.02
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	1708115.08	1708115.08	46165.27	46165.27	287609880.34
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	597840.28	597840.28	16157.85	16157.85	100663458.12

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6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	5724341.19
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	17173023.56
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	17173023.56
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	5724341.19
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	11448682.37
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	291941400.55
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	228973647.49
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	51519070.68
6500.01-15	RB2026	Canoe Pass E	1:00:00 PM	4/28/2013	5724341.19
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	980374548.65
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	138531186.22
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	10656245.09
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	117218696.03
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	31968735.28
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	10656245.09
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	31968735.28
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	1140218225.06
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	713968421.30
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	10656245.09
6500.01-16	RB2030	Canoe Pass E	1:00:00 PM	4/27/2013	53281225.47
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	540647729.04
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	46856136.52
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	14417272.77
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	25230227.36
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	46856136.52
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	3604318.19
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	32438863.74
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	144172727.74
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	216259091.61
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	3604318.19
6500.01-17	RB2031	Canoe Pass E	11:45:00 AM	4/28/2013	7208636.39
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	3839591902.60
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	14380494.02
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	158185434.19
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	14380494.02
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	14380494.02
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	287609880.34
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	100663458.12

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6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	59.39	37	0.00117%	Odontella sp.	Bacillariophyceae	Centrales
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	59.39	37	0.00117%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Amphora sp.	Bacillariophyceae	Pennales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Cocconeis sp.	Bacillariophyceae	Pennales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Cylindrotheca sp.	Bacillariophyceae	Pennales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Diatoma sp.	Bacillariophyceae	Pennales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Paralia sp.	Bacillariophyceae	Centrales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Pinnularia sp.	Bacillariophyceae	Pennales
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	41	0.00144%	Rhopalodia sp.	Bacillariophyceae	Pennales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Amphora sp.	Bacillariophyceae	Pennales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Diatoma sp.	Bacillariophyceae	Pennales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Diploneis sp.	Bacillariophyceae	Pennales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Paralia sp.	Bacillariophyceae	Centrales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Rhoicosphenia sp.	Bacillariophyceae	Pennales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Rhopalodia sp.	Bacillariophyceae	Pennales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Skeletonema sp.	Bacillariophyceae	Centrales
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	59.39	40	0.00104%	Surirella sp.	Bacillariophyceae	Pennales
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	59.39	40	0.00055%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	59.39	40	0.00055%	Cocconeis sp.	Bacillariophyceae	Pennales
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	59.39	40	0.00055%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	59.39	40	0.00055%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	59.39	40	0.00055%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	59.39	40	0.00055%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	59.39	40	0.00055%	Rhoicosphenia sp.	Bacillariophyceae	Pennales
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	59.39	40	0.00055%	Skeletonema sp.	Bacillariophyceae	Centrales
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	59.39	30	0.00064%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	59.39	30	0.00064%	Amphora sp.	Bacillariophyceae	Pennales
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	59.39	30	0.00064%	Cyclotella sp.	Bacillariophyceae	Centrales

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6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	Triceratiaceae	Odontella	1	1.00	1
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	Pleurosigmataceae	Gyrosigma/Pleurosigm	1	1.00	1
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Achnanthidiaceae	Achnanthidium	69	1.00	69
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Catenulaceae	Amphora	11	1.00	11
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Achnanthaceae	Cocconeis	7	1.00	7
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Bacillariaceae	Cylindrotheca	6	1.00	6
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Cymbellaceae	Cymbella	15	0.87	13
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Fragilariaceae	Diatoma	12	1.00	12
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Gomphonemataceae	Gomphonema	6	1.00	6
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Naviculaceae	Navicula	98	1.00	98
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Bacillariaceae	Nitzschia	64	1.00	64
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Paraliaceae	Paralia	7	1.71	12
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Pinnulariaceae	Pinnularia	4	1.00	4
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	Rhopalodiaceae	Rhopalodia	1	1.00	1
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Achnanthidiaceae	Achnanthidium	117	1.00	117
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Catenulaceae	Amphora	7	1.00	7
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Cymbellaceae	Cymbella	17	1.00	17
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Fragilariaceae	Diatoma	2	1.00	2
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Diploneidaceae	Diploneis	5	1.00	5
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Gomphonemataceae	Gomphonema	3	1.00	3
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Naviculaceae	Navicula	56	1.00	56
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Bacillariaceae	Nitzschia	77	1.00	77
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Paraliaceae	Paralia	8	1.25	10
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Rhoicospheniaceae	Rhoicosphenia	4	1.00	4
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Rhopalodiaceae	Rhopalodia	2	1.00	2
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Skeletonemataceae	Skeletonema	1	4.00	4
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	Surirellaceae	Surirella	1	1.00	1
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	Achnanthidiaceae	Achnanthidium	175	1.00	175
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	Achnanthaceae	Cocconeis	1	1.00	1
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	Cymbellaceae	Cymbella	1	1.00	1
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	Naviculaceae	Navicula	52	1.00	52
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	Bacillariaceae	Nitzschia	68	1.00	68
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	Pleurosigmataceae	Gyrosigma/Pleurosigm	1	1.00	1
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	Rhoicospheniaceae	Rhoicosphenia	1	1.00	1
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	Skeletonemataceae	Skeletonema	1	3.00	3
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	Achnanthidiaceae	Achnanthidium	216	1.00	216
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	Catenulaceae	Amphora	5	1.00	5
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	Stephanodiscaceae	Cyclotella	1	1.00	1

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6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	85405.75	85405.75	2308.26	2308.26	14380494.02
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	85405.75	85405.75	2308.26	2308.26	14380494.02
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	4777222.41	4777222.41	116517.62	116517.62	804381614.58
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	761586.18	761586.18	18575.27	18575.27	128234750.15
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	484645.75	484645.75	11820.63	11820.63	81603931.91
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	415410.64	415410.64	10131.97	10131.97	69946227.35
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	1038526.61	900056.40	25329.92	21952.60	151550159.27
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	830821.29	830821.29	20263.93	20263.93	139892454.71
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	415410.64	415410.64	10131.97	10131.97	69946227.35
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	6785040.52	6785040.52	165488.79	165488.79	1142455046.79
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	4431046.87	4431046.87	108074.31	108074.31	746093091.78
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	484645.75	830821.29	11820.63	20263.93	139892454.71
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	276940.43	276940.43	6754.64	6754.64	46630818.24
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	69235.11	69235.11	1688.66	1688.66	11657704.56
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	11275597.19	11275597.19	281889.93	281889.93	1898568309.43
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	674608.38	674608.38	16865.21	16865.21	113589556.97
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	1638334.63	1638334.63	40958.37	40958.37	275860352.65
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	192745.25	192745.25	4818.63	4818.63	32454159.14
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	481863.13	481863.13	12046.58	12046.58	81135397.84
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	289117.88	289117.88	7227.95	7227.95	48681238.70
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	5396867.03	5396867.03	134921.68	134921.68	908716455.79
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	7420692.17	7420692.17	185517.30	185517.30	1249485126.72
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	770981.00	963726.26	19274.53	24093.16	162270795.68
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	385490.50	385490.50	9637.26	9637.26	64908318.27
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	192745.25	192745.25	4818.63	4818.63	32454159.14
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	96372.63	385490.50	2409.32	9637.26	64908318.27
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	96372.63	96372.63	2409.32	2409.32	16227079.57
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	31654700.85	31654700.85	791367.52	791367.52	5329971519.57
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	180884.00	180884.00	4522.10	4522.10	30456980.11
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	180884.00	180884.00	4522.10	4522.10	30456980.11
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	9405968.25	9405968.25	235149.21	235149.21	1583762965.81
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	12300112.33	12300112.33	307502.81	307502.81	2071074647.60
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	180884.00	180884.00	4522.10	4522.10	30456980.11
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	180884.00	180884.00	4522.10	4522.10	30456980.11
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	180884.00	542652.01	4522.10	13566.30	91370940.34
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	33953976.83	33953976.83	1131799.23	1131799.23	5717120194.30
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	785971.69	785971.69	26199.06	26199.06	132340745.24
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	157194.34	157194.34	5239.81	5239.81	26468149.05

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6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	14380494.02
6500.01-18	RB2037	Canoe Pass I	11:30:00 AM	4/27/2013	14380494.02
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	804381614.58
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	128234750.15
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	81603931.91
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	69946227.35
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	151550159.27
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	139892454.71
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	69946227.35
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	1142455046.79
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	746093091.78
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	139892454.71
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	46630818.24
6500.01-19	RB2038	Canoe Pass I	2:00:00 PM	4/27/2013	11657704.56
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	1898568309.43
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	113589556.97
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	275860352.65
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	32454159.14
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	81135397.84
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	48681238.70
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	908716455.79
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	1249485126.72
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	162270795.68
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	64908318.27
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	32454159.14
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	64908318.27
6500.01-20	RB2038 DUP	Canoe Pass I	2:00:00 PM	4/27/2013	16227079.57
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	5329971519.57
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	30456980.11
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	30456980.11
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	1583762965.81
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	2071074647.60
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	30456980.11
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	30456980.11
6500.01-21	RB2040	Canoe Pass I	11:05:00 AM	4/27/2013	91370940.34
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	5717120194.30
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	132340745.24
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	26468149.05

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6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	59.39	30	0.00064%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	59.39	30	0.00064%	Entomoneis sp.	Bacillariophyceae	Pennales
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	59.39	30	0.00064%	Eunotia sp.	Bacillariophyceae	Pennales
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	59.39	30	0.00064%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	59.39	30	0.00064%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	59.39	30	0.00064%	Rhoicosphenia sp.	Bacillariophyceae	Pennales
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	59.39	38	0.00147%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	59.39	38	0.00147%	Amphora sp.	Bacillariophyceae	Pennales
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	59.39	38	0.00147%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	59.39	38	0.00147%	Diatoma sp.	Bacillariophyceae	Pennales
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	59.39	38	0.00147%	Diploneis sp.	Bacillariophyceae	Pennales
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	59.39	38	0.00147%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	59.39	38	0.00147%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	59.39	38	0.00147%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	59.39	38	0.00147%	Skeletonema sp.	Bacillariophyceae	Centrales
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	59.39	38	0.00147%	Surirella sp.	Bacillariophyceae	Pennales
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	59.39	38	0.00147%	Synedra sp.	Bacillariophyceae	Pennales
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	59.39	34	0.00102%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	59.39	34	0.00102%	Amphora sp.	Bacillariophyceae	Pennales
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	59.39	34	0.00102%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	59.39	34	0.00102%	Eunotia sp.	Bacillariophyceae	Pennales
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	59.39	34	0.00102%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	59.39	34	0.00102%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	59.39	34	0.00102%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	59.39	34	0.00102%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	59.39	34	0.00102%	Skeletonema sp.	Bacillariophyceae	Centrales
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	59.39	34	0.00102%	Surirella sp.	Bacillariophyceae	Pennales
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	59.39	47	0.00078%	Achnantheidium sp.	Bacillariophyceae	Pennales
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	59.39	47	0.00078%	Cyclotella sp.	Bacillariophyceae	Centrales
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	59.39	47	0.00078%	Cymbella sp.	Bacillariophyceae	Pennales
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	59.39	47	0.00078%	Diatoma sp.	Bacillariophyceae	Pennales
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	59.39	47	0.00078%	Diploneis sp.	Bacillariophyceae	Pennales
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	59.39	47	0.00078%	Gomphonema sp.	Bacillariophyceae	Pennales
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	59.39	47	0.00078%	Navicula sp.	Bacillariophyceae	Pennales
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	59.39	47	0.00078%	Nitzschia sp.	Bacillariophyceae	Pennales
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	59.39	47	0.00078%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	59.39	47	0.00078%	Surirella sp.	Bacillariophyceae	Pennales
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	59.39	47	0.00078%	Synedra sp.	Bacillariophyceae	Pennales

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6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	Cymbellaceae	Cymbella	2	1.00	2
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	Entomoneidaceae	Entomoneis	1	1.00	1
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	Eunotiaceae	Eunotia	1	1.00	1
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	Naviculaceae	Navicula	25	1.00	25
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	Bacillariaceae	Nitzschia	46	1.00	46
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	Rhoicospheniaceae	Rhoicosphenia	3	1.00	3
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	Achnanthidiaceae	Achnanthidium	116	1.00	116
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	Catenulaceae	Amphora	14	1.00	14
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	Cymbellaceae	Cymbella	32	1.00	32
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	Fragilariaceae	Diatoma	6	1.00	6
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	Diploneidaceae	Diploneis	3	1.00	3
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	Gomphonemataceae	Gomphonema	1	1.00	1
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	Naviculaceae	Navicula	76	1.00	76
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	Bacillariaceae	Nitzschia	42	1.00	42
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	Skeletonemataceae	Skeletonema	2	2.50	5
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	Surirellaceae	Surirella	7	1.00	7
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	Fragilariaceae	Synedra	1	1.00	1
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	Achnanthidiaceae	Achnanthidium	115	1.00	115
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	Catenulaceae	Amphora	24	1.00	24
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	Cymbellaceae	Cymbella	10	1.00	10
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	Eunotiaceae	Eunotia	2	1.00	2
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	Gomphonemataceae	Gomphonema	1	1.00	1
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	Naviculaceae	Navicula	85	1.00	85
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	Bacillariaceae	Nitzschia	53	1.00	53
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	Pleurosigmataceae	Gyrosigma/Pleurosigm	3	1.00	3
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	Skeletonemataceae	Skeletonema	1	3.00	3
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	Surirellaceae	Surirella	6	1.00	6
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	Achnanthidiaceae	Achnanthidium	174	1.00	174
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	Stephanodiscaceae	Cyclotella	1	1.00	1
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	Cymbellaceae	Cymbella	1	1.00	1
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	Fragilariaceae	Diatoma	1	1.00	1
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	Diploneidaceae	Diploneis	1	1.00	1
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	Gomphonemataceae	Gomphonema	1	1.00	1
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	Naviculaceae	Navicula	42	1.00	42
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	Bacillariaceae	Nitzschia	67	1.00	67
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	Pleurosigmataceae	Gyrosigma/Pleurosigm	6	1.00	6
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	Surirellaceae	Surirella	1	1.00	1
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	Fragilariaceae	Synedra	5	1.00	5

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6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	314388.67	314388.67	10479.62	10479.62	52936298.10
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	157194.34	157194.34	5239.81	5239.81	26468149.05
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	157194.34	157194.34	5239.81	5239.81	26468149.05
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	3929858.43	3929858.43	130995.28	130995.28	661703726.19
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	7230939.51	7230939.51	241031.32	241031.32	1217534856.19
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	471583.01	471583.01	15719.43	15719.43	79404447.14
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	7912578.81	7912578.81	208225.76	208225.76	1332308269.30
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	954966.41	954966.41	25130.69	25130.69	160795825.61
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	2182780.36	2182780.36	57441.59	57441.59	367533315.67
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	409271.32	409271.32	10770.30	10770.30	68912496.69
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	204635.66	204635.66	5385.15	5385.15	34456248.34
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	68211.89	68211.89	1795.05	1795.05	11485416.11
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	5184103.36	5184103.36	136423.77	136423.77	872891624.71
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	2864899.22	2864899.22	75392.08	75392.08	482387476.82
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	136423.77	341059.43	3590.10	8975.25	57427080.57
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	477483.20	477483.20	12565.35	12565.35	80397912.80
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	68211.89	68211.89	1795.05	1795.05	11485416.11
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	11289726.56	11289726.56	332050.78	332050.78	1900947391.36
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	2356116.85	2356116.85	69297.55	69297.55	396719455.59
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	981715.35	981715.35	28873.98	28873.98	165299773.16
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	196343.07	196343.07	5774.80	5774.80	33059954.63
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	98171.54	98171.54	2887.40	2887.40	16529977.32
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	8344580.50	8344580.50	245428.84	245428.84	1405048071.88
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	5203091.37	5203091.37	153032.10	153032.10	876088797.76
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	294514.61	294514.61	8662.19	8662.19	49589931.95
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	98171.54	294514.61	2887.40	8662.19	49589931.95
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	589029.21	589029.21	17324.39	17324.39	99179863.90
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	22402530.02	22402530.02	476649.57	476649.57	3772104734.92
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	128750.17	128750.17	2739.37	2739.37	21678762.84
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	128750.17	128750.17	2739.37	2739.37	21678762.84
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	128750.17	128750.17	2739.37	2739.37	21678762.84
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	128750.17	128750.17	2739.37	2739.37	21678762.84
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	128750.17	128750.17	2739.37	2739.37	21678762.84
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	5407507.25	5407507.25	115053.35	115053.35	910508039.46
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	8626261.56	8626261.56	183537.48	183537.48	1452477110.57
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	772501.04	772501.04	16436.19	16436.19	130072577.07
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	128750.17	128750.17	2739.37	2739.37	21678762.84
6500.01-25	RB2047	Elnor Biofilm	3:15:00 PM	4/25/2013	643750.86	643750.86	13696.83	13696.83	108393814.22

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6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	52936298.10
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	26468149.05
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	26468149.05
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	661703726.19
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	1217534856.19
6500.01-22	RB2041	Canoe Pass I	11:30:00 AM	4/28/2013	79404447.14
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	1332308269.30
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	160795825.61
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	367533315.67
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	68912496.69
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	34456248.34
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	11485416.11
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	872891624.71
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	482387476.82
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	57427080.57
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	80397912.80
6500.01-23	RB2043	Canoe Pass I	1:20:00 PM	4/28/2013	11485416.11
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	1900947391.36
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	396719455.59
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	165299773.16
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	33059954.63
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	16529977.32
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	1405048071.88
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	876088797.76
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	49589931.95
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	49589931.95
6500.01-24	RB2045	Canoe Pass E	1:40:00 PM	4/28/2013	99179863.90
6500.01-25	RB2047	Elnet Biofilm	3:15:00 PM	4/25/2013	3772104734.92
6500.01-25	RB2047	Elnet Biofilm	3:15:00 PM	4/25/2013	21678762.84
6500.01-25	RB2047	Elnet Biofilm	3:15:00 PM	4/25/2013	21678762.84
6500.01-25	RB2047	Elnet Biofilm	3:15:00 PM	4/25/2013	21678762.84
6500.01-25	RB2047	Elnet Biofilm	3:15:00 PM	4/25/2013	21678762.84
6500.01-25	RB2047	Elnet Biofilm	3:15:00 PM	4/25/2013	21678762.84
6500.01-25	RB2047	Elnet Biofilm	3:15:00 PM	4/25/2013	910508039.46
6500.01-25	RB2047	Elnet Biofilm	3:15:00 PM	4/25/2013	1452477110.57
6500.01-25	RB2047	Elnet Biofilm	3:15:00 PM	4/25/2013	130072577.07
6500.01-25	RB2047	Elnet Biofilm	3:15:00 PM	4/25/2013	21678762.84
6500.01-25	RB2047	Elnet Biofilm	3:15:00 PM	4/25/2013	108393814.22

2013 Worley Parsons BC Marine Benthic Algae Taxa
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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Collection Area (cm ²)	Volume Received (mL)	Percent Counted	Taxon	Class	Order
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	59.39	42	0.00485%	Achnanthydium spp.	Bacillariophyceae	Pennales
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	59.39	42	0.00485%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	59.39	42	0.00485%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	59.39	42	0.00485%	Coscinodiscus spp.	Bacillariophyceae	Centrales
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	59.39	42	0.00485%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	59.39	42	0.00485%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	59.39	42	0.00485%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	59.39	42	0.00485%	Paralia sp.	Bacillariophyceae	Centrales
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	59.39	42	0.00485%	Pseudo-nitzschia spp.	Bacillariophyceae	Pennales
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	59.39	42	0.00485%	Unknown centrales sp.	Bacillariophyceae	Centrales
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	59.39	42	0.00485%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Achnanthydium spp.	Bacillariophyceae	Pennales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Coscinodiscus spp.	Bacillariophyceae	Centrales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Prorocentrum spp.	Dinophyceae	Prorocentrales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Unknown centrales sp.	Bacillariophyceae	Centrales
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	59.39	36	0.00375%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Achnanthydium spp.	Bacillariophyceae	Pennales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Chaetoceros spp.	Bacillariophyceae	Centrales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Fragilaria spp.	Bacillariophyceae	Pennales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Prorocentrum sp.	Dinophyceae	Prorocentrales
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Thalassiosira sp.	Bacillariophyceae	Centrales

2013 Worley Parsons BC Marine Benthic Algae Taxa
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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Family	Genus	Number of Natural Units	Cells per Natural Unit	Number of Cells	Natural Units/sample
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	Achnantheriaceae	Achnantheridium	163	1.00	163	3360648.87
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	Catenulaceae	Amphora	17	1.00	17	350497.12
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	Achnantheraceae	Cocconeis	26	1.00	26	536054.42
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	Coscinodiscaceae	Coscinodiscus	2	1.00	2	41234.96
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	Pleurosigmales	Gyrosigma/Pleurosigma	6	1.00	6	123704.87
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	Naviculaceae	Navicula	38	1.00	38	783464.15
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	Bacillariaceae	Nitzschia	29	1.00	29	597906.86
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	Paraliaceae	Paralia	1	5.00	5	20617.48
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	Diatomaceae	Pseudo-nitzschia	3	1.00	3	61852.43
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13			8	1.13	9	164939.82
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13			7	1.00	7	144322.34
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	Achnantheriaceae	Achnantheridium	79	1.00	79	2107379.82
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	Catenulaceae	Amphora	17	1.00	17	453486.80
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	Achnantheraceae	Cocconeis	14	1.00	14	373459.72
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	Coscinodiscaceae	Coscinodiscus	13	1.00	13	346784.02
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	Bacillariaceae	Cylindrotheca	8	1.00	8	213405.55
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	Achnantheraceae	Delphineis/Rhaphoneis	42	1.05	44	1120379.15
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	Pleurosigmales	Gyrosigma/Pleurosigma	7	1.00	7	186729.86
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	Naviculaceae	Navicula	88	1.00	88	2347461.07
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	Bacillariaceae	Nitzschia	18	1.00	18	480162.49
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	Prorocentraceae	Prorocentrum	12	1.00	12	320108.33
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13			4	3.75	15	106702.78
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13			1	6.00	6	26675.69
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Achnantheriaceae	Achnantheridium	134	1.00	134	10056380.95
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Catenulaceae	Amphora	15	1.00	15	1125714.29
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Chaetocerotaceae	Chaetoceros	2	1.00	2	150095.24
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Achnantheraceae	Cocconeis	4	1.00	4	300190.48
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Bacillariaceae	Cylindrotheca	11	1.00	11	825523.81
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Achnantheraceae	Delphineis/Rhaphoneis	46	1.04	48	3452190.48
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Fragilariaceae	Fragilaria	4	1.00	4	300190.48
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Pleurosigmales	Gyrosigma/Pleurosigma	2	1.00	2	150095.24
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Naviculaceae	Navicula	70	1.00	70	5253333.33
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Bacillariaceae	Nitzschia	7	1.00	7	525333.33
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Prorocentraceae	Prorocentrum	1	1.00	1	75047.62
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	Thalassiosiraceae	Thalassiosira	1	1.00	1	75047.62

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²	Cells per m ²
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	3360648.87	80015.45	80015.45	565861066.67	565861066.67
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	350497.12	8345.17	8345.17	59016184.87	59016184.87
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	536054.42	12763.20	12763.20	90260047.44	90260047.44
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	41234.96	981.78	981.78	6943080.57	6943080.57
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	123704.87	2945.35	2945.35	20829241.72	20829241.72
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	783464.15	18653.91	18653.91	131918530.88	131918530.88
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	597906.86	14235.88	14235.88	100674668.30	100674668.30
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	103087.39	490.89	2454.46	17357701.43	17357701.43
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	61852.43	1472.68	1472.68	10414620.86	10414620.86
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	185557.30	3927.14	4418.03	31243862.58	31243862.58
6632.01-01	RB2011	Biofilm	10:28	17-Aug-13	144322.34	3436.25	3436.25	24300782.00	24300782.00
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	2107379.82	58538.33	58538.33	354837485.09	354837485.09
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	453486.80	12596.86	12596.86	76357433.50	76357433.50
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	373459.72	10373.88	10373.88	62882592.29	62882592.29
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	346784.02	9632.89	9632.89	58390978.56	58390978.56
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	213405.55	5927.93	5927.93	35932909.88	35932909.88
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	1173730.53	31121.64	32603.63	197631004.36	197631004.36
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	186729.86	5186.94	5186.94	31441296.15	31441296.15
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	2347461.07	65207.25	65207.25	395262008.71	395262008.71
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	480162.49	13337.85	13337.85	80849047.24	80849047.24
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	320108.33	8891.90	8891.90	53899364.82	53899364.82
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	400135.41	2963.97	11114.87	67374206.03	67374206.03
6632.01-02	RB2011 DUP	Biofilm	10:28	17-Aug-13	160054.16	740.99	4445.95	26949682.41	26949682.41
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	10056380.95	251409.52	251409.52	1693278490.05	1693278490.05
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	1125714.29	28142.86	28142.86	189546099.63	189546099.63
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	150095.24	3752.38	3752.38	25272813.28	25272813.28
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	300190.48	7504.76	7504.76	50545626.57	50545626.57
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	825523.81	20638.10	20638.10	139000473.06	139000473.06
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	3602285.71	86304.76	90057.14	606547518.82	606547518.82
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	300190.48	7504.76	7504.76	50545626.57	50545626.57
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	150095.24	3752.38	3752.38	25272813.28	25272813.28
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	5253333.33	131333.33	131333.33	884548464.95	884548464.95
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	525333.33	13133.33	13133.33	88454846.49	88454846.49
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	75047.62	1876.19	1876.19	12636406.64	12636406.64
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	75047.62	1876.19	1876.19	12636406.64	12636406.64

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Collection Area (cm ²)	Volume Received (mL)	Percent Counted	Taxon	Class	Order
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	59.39	40	0.00133%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	59.39	34	0.00586%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	59.39	34	0.00586%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	59.39	34	0.00586%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	59.39	34	0.00586%	Coscinodiscus spp.	Bacillariophyceae	Centrales
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	59.39	34	0.00586%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	59.39	34	0.00586%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	59.39	34	0.00586%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	59.39	34	0.00586%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	59.39	34	0.00586%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	59.39	34	0.00586%	Paralia sp.	Bacillariophyceae	Centrales
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	59.39	34	0.00586%	Unknown Cryptomonadaceae	Cryptophyceae	Cryptomonadales
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	59.39	20	0.00147%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	59.39	20	0.00147%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	59.39	20	0.00147%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	59.39	20	0.00147%	Coscinodiscus spp.	Bacillariophyceae	Centrales
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	59.39	20	0.00147%	Diploneis spp.	Bacillariophyceae	Pennales
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	59.39	20	0.00147%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	59.39	20	0.00147%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	59.39	20	0.00147%	Synedra spp.	Bacillariophyceae	Pennales
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	59.39	20	0.00147%	Ulothrix sp.	Chlorophyceae	Ulotrichales
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	59.39	20	0.00147%	Unknown alga sp.		
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	59.39	20	0.00147%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Coscinodiscus sp.	Bacillariophyceae	Centrales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Cyclotella spp.	Bacillariophyceae	Centrales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Diploneis spp.	Bacillariophyceae	Pennales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Synedra sp.	Bacillariophyceae	Pennales

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Family	Genus	Number of Natural Units	Cells per Natural Unit	Number of Cells	Natural Units/sample
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13			3	1.00	3	225142.86
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	Achnanthidiaceae	Achnanthidium	104	1.00	104	1773852.81
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	Catenulaceae	Amphora	47	1.00	47	801645.02
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	Achnanthaceae	Cocconeis	6	1.00	6	102337.66
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	Coscinodiscaceae	Coscinodiscus	9	1.00	9	153506.49
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	Bacillariaceae	Cylindrotheca	21	1.00	21	358181.82
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	2	1.00	2	34112.55
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	Pleurosigmataceae	Gyrosigma/Pleurosigma	3	1.00	3	51168.83
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	Naviculaceae	Navicula	101	1.00	101	1722683.98
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	Bacillariaceae	Nitzschia	5	1.00	5	85281.39
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	Paraliaceae	Paralia	1	3.00	3	17056.28
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	Cryptomonadaceae		1	1.00	1	17056.28
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	Achnanthidiaceae	Achnanthidium	37	1.00	37	2509122.20
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	Catenulaceae	Amphora	32	1.00	32	2170051.64
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	Achnanthaceae	Cocconeis	2	1.00	2	135628.23
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	Coscinodiscaceae	Coscinodiscus	5	1.00	5	339070.57
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	Diploneidaceae	Diploneis	2	1.00	2	135628.23
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	Naviculaceae	Navicula	137	1.01	138	9290533.56
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	Bacillariaceae	Nitzschia	29	1.00	29	1966609.29
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	Fragilariaceae	Synedra	36	1.64	59	2441308.09
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	Ulotrichaceae	Ulothrix	1	13.00	13	67814.11
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13			2	1.00	2	135628.23
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13			17	2.18	37	1152839.93
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Achnanthidiaceae	Achnanthidium	44	1.00	44	924093.82
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Catenulaceae	Amphora	28	1.00	28	588059.70
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Achnanthaceae	Cocconeis	3	1.00	3	63006.40
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Coscinodiscaceae	Coscinodiscus	1	1.00	1	21002.13
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Stephanodiscaceae	Cyclotella	3	1.00	3	63006.40
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Bacillariaceae	Cylindrotheca	20	1.00	20	420042.64
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	8	1.00	8	168017.06
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Diploneidaceae	Diploneis	3	1.00	3	63006.40
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Pleurosigmataceae	Gyrosigma/Pleurosigma	1	1.00	1	21002.13
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Naviculaceae	Navicula	181	1.03	186	3801385.93
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Bacillariaceae	Nitzschia	4	1.00	4	84008.53
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	Fragilariaceae	Synedra	1	1.00	1	21002.13

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²	Cells per m ²
6632.01-03	RB2016	Biofilm	10:03	17-Aug-13	225142.86	5628.57	5628.57	37909219.93	37909219.93
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	1773852.81	52172.14	52172.14	298678702.45	298678702.45
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	801645.02	23577.79	23577.79	134979798.22	134979798.22
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	102337.66	3009.93	3009.93	17231463.60	17231463.60
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	153506.49	4514.90	4514.90	25847195.40	25847195.40
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	358181.82	10534.76	10534.76	60310122.61	60310122.61
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	34112.55	1003.31	1003.31	5743821.20	5743821.20
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	51168.83	1504.97	1504.97	8615731.80	8615731.80
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	1722683.98	50667.18	50667.18	290062970.65	290062970.65
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	85281.39	2508.28	2508.28	14359553.00	14359553.00
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	51168.83	501.66	1504.97	8615731.80	8615731.80
6632.01-04	RB2022	Biofilm	8:06	17-Aug-13	17056.28	501.66	501.66	2871910.60	2871910.60
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	2509122.20	125456.11	125456.11	422482270.26	422482270.26
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	2170051.64	108502.58	108502.58	365390071.58	365390071.58
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	135628.23	6781.41	6781.41	22836879.47	22836879.47
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	339070.57	16953.53	16953.53	57092198.68	57092198.68
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	135628.23	6781.41	6781.41	22836879.47	22836879.47
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	9358347.68	464526.68	467917.38	1575744683.69	1575744683.69
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	1966609.29	98330.46	98330.46	331134752.37	331134752.37
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	4001032.70	122065.40	200051.64	673687944.48	673687944.48
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	881583.48	3390.71	44079.17	148439716.58	148439716.58
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	135628.23	6781.41	6781.41	22836879.47	22836879.47
6632.01-05	RB2024	Biofilm	6:15	17-Aug-13	2509122.20	57642.00	125456.11	422482270.26	422482270.26
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	924093.82	28433.66	28433.66	155597544.47	155597544.47
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	588059.70	18094.14	18094.14	99016619.21	99016619.21
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	63006.40	1938.66	1938.66	10608923.49	10608923.49
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	21002.13	646.22	646.22	3536307.83	3536307.83
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	63006.40	1938.66	1938.66	10608923.49	10608923.49
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	420042.64	12924.39	12924.39	70726156.58	70726156.58
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	168017.06	5169.76	5169.76	28290462.63	28290462.63
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	63006.40	1938.66	1938.66	10608923.49	10608923.49
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	21002.13	646.22	646.22	3536307.83	3536307.83
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	3906396.59	116965.72	120196.82	657753256.19	657753256.19
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	84008.53	2584.88	2584.88	14145231.32	14145231.32
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	21002.13	646.22	646.22	3536307.83	3536307.83

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Collection Area (cm ²)	Volume Received (mL)	Percent Counted	Taxon	Class	Order
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Unknown Dinoflagellate sp.	Dinophyceae	
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	59.39	33	0.00476%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Amphidinium spp.	Dinophyceae	Gymnodiniales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Cocconeis sp.	Bacillariophyceae	Pennales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Coscinodiscus spp.	Bacillariophyceae	Centrales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Diploneis sp.	Bacillariophyceae	Pennales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Heterocapsa sp.	Dinophyceae	Peridinales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Odontella spp.	Bacillariophyceae	Centrales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Prorocentrum spp.	Dinophyceae	Prorocentrales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Torodinium spp.	Dinophyceae	Brachidiniales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Unknown alga sp.		
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Unknown centrales sp.	Bacillariophyceae	Centrales
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	59.39	44	0.00538%	Unknown Cryptomonadaceae	Cryptophyceae	Cryptomonadales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Chaetoceros sp.	Bacillariophyceae	Centrales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Coscinodiscus spp.	Bacillariophyceae	Centrales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Diploneis spp.	Bacillariophyceae	Pennales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Paralia sp.	Bacillariophyceae	Centrales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Prorocentrum spp.	Dinophyceae	Prorocentrales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Torodinium sp.	Dinophyceae	Brachidiniales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Unknown centrales spp.	Bacillariophyceae	Centrales
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	59.39	35	0.00270%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Amphora spp.	Bacillariophyceae	Pennales

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Family	Genus	Number of Natural Units	Cells per Natural Unit	Number of Cells	Natural Units/sample
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13			3	1.00	3	63006.40
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13			1	2.00	2	21002.13
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Achnanthidiaceae	Achnanthidium	84	1.00	84	1560396.04
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Gymnodiniaceae	Amphidinium	3	1.00	3	55728.43
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Catenulaceae	Amphora	11	1.00	11	204337.58
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Achnanthaceae	Cocconeis	1	1.00	1	18576.14
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Coscinodiscaceae	Coscinodiscus	2	1.00	2	37152.29
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	56	1.00	56	1040264.03
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Diploneidaceae	Diploneis	10	1.00	10	185761.43
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Glenodiniaceae	Heterocapsa	1	1.00	1	18576.14
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Naviculaceae	Navicula	106	1.00	106	1969071.19
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Bacillariaceae	Nitzschia	5	1.00	5	92880.72
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Triceratiaceae	Odontella	6	1.00	6	111456.86
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Prorocentraceae	Prorocentrum	14	1.00	14	260066.01
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Brachidiniaceae	Torodinium	3	1.00	3	55728.43
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13			1	1.00	1	18576.14
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13			2	1.00	2	37152.29
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	Cryptomonadaceae		1	1.00	1	18576.14
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Achnanthidiaceae	Achnanthidium	18	1.00	18	665446.87
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Catenulaceae	Amphora	20	1.00	20	739385.41
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Chaetocerotaceae	Chaetoceros	1	1.00	1	36969.27
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Achnanthaceae	Cocconeis	3	1.00	3	110907.81
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Coscinodiscaceae	Coscinodiscus	2	1.00	2	73938.54
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Bacillariaceae	Cylindrotheca	3	1.00	3	110907.81
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	26	1.00	26	961201.03
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Diploneidaceae	Diploneis	3	1.00	3	110907.81
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Naviculaceae	Navicula	177	1.00	177	6543560.87
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Bacillariaceae	Nitzschia	38	1.00	38	1404832.28
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Paraliaceae	Paralia	2	4.00	8	73938.54
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Prorocentraceae	Prorocentrum	2	1.00	2	73938.54
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	Brachidiniaceae	Torodinium	1	1.00	1	36969.27
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13			4	1.25	5	147877.08
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13			3	1.67	5	110907.81
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Achnanthidiaceae	Achnanthidium	26	1.00	26	1864240.22
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Catenulaceae	Amphora	7	1.00	7	501910.83

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²	Cells per m ²
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	63006.40	1938.66	1938.66	10608923.49	10608923.49
6632.01-06	RB2025	Biofilm	6:55	17-Aug-13	42004.26	646.22	1292.44	7072615.66	7072615.66
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	1560396.04	35871.17	35871.17	262737167.81	262737167.81
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	55728.43	1281.11	1281.11	9383470.28	9383470.28
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	204337.58	4697.42	4697.42	34406057.69	34406057.69
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	18576.14	427.04	427.04	3127823.43	3127823.43
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	37152.29	854.08	854.08	6255646.85	6255646.85
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	1040264.03	23914.12	23914.12	175158111.87	175158111.87
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	185761.43	4270.38	4270.38	31278234.26	31278234.26
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	18576.14	427.04	427.04	3127823.43	3127823.43
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	1969071.19	45266.00	45266.00	331549283.18	331549283.18
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	92880.72	2135.19	2135.19	15639117.13	15639117.13
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	111456.86	2562.23	2562.23	18766940.56	18766940.56
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	260066.01	5978.53	5978.53	43789527.97	43789527.97
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	55728.43	1281.11	1281.11	9383470.28	9383470.28
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	18576.14	427.04	427.04	3127823.43	3127823.43
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	37152.29	854.08	854.08	6255646.85	6255646.85
6632.01-07	RB2019	Biofilm	14:20	19-Aug-13	18576.14	427.04	427.04	3127823.43	3127823.43
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	665446.87	19012.77	19012.77	112046955.45	112046955.45
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	739385.41	21125.30	21125.30	124496617.16	124496617.16
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	36969.27	1056.26	1056.26	6224830.86	6224830.86
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	110907.81	3168.79	3168.79	18674492.57	18674492.57
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	73938.54	2112.53	2112.53	12449661.72	12449661.72
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	110907.81	3168.79	3168.79	18674492.57	18674492.57
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	961201.03	27462.89	27462.89	161845602.31	161845602.31
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	110907.81	3168.79	3168.79	18674492.57	18674492.57
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	6543560.87	186958.88	186958.88	1101795061.90	1101795061.90
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	1404832.28	40138.07	40138.07	236543572.61	236543572.61
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	295754.16	2112.53	8450.12	49798646.87	49798646.87
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	73938.54	2112.53	2112.53	12449661.72	12449661.72
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	36969.27	1056.26	1056.26	6224830.86	6224830.86
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	184846.35	4225.06	5281.32	31124154.29	31124154.29
6632.01-08	RB2026	Biofilm	11:25	19-Aug-13	184846.35	3168.79	5281.32	31124154.29	31124154.29
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	1864240.22	43354.42	43354.42	313897999.39	313897999.39
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	501910.83	11672.34	11672.34	84510999.84	84510999.84

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Collection Area (cm ²)	Volume Received (mL)	Percent Counted	Taxon	Class	Order
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Coscinodiscus sp.	Bacillariophyceae	Centrales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Cyclotella spp.	Bacillariophyceae	Centrales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Diploneis sp.	Bacillariophyceae	Pennales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Odontella sp.	Bacillariophyceae	Centrales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Paralia sp.	Bacillariophyceae	Centrales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Prorocentrum sp.	Dinophyceae	Prorocentrales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Unknown centrales sp.	Bacillariophyceae	Centrales
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	59.39	43	0.00139%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Coscinodiscus spp.	Bacillariophyceae	Centrales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Cyclotella spp.	Bacillariophyceae	Centrales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Diploneis spp.	Bacillariophyceae	Pennales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Paralia sp.	Bacillariophyceae	Centrales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Prorocentrum sp.	Dinophyceae	Prorocentrales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Synedra spp.	Bacillariophyceae	Pennales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Unknown alga spp.		
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Unknown centrales sp.	Bacillariophyceae	Centrales
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	59.39	42	0.00105%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Coscinodiscus spp.	Bacillariophyceae	Centrales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Cyclotella spp.	Bacillariophyceae	Centrales

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Family	Genus	Number of Natural Units	Cells per Natural Unit	Number of Cells	Natural Units/sample
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Achnanthaceae	Cocconeis	4	1.00	4	286806.19
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Coscinodiscaceae	Coscinodiscus	1	1.00	1	71701.55
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Stephanodiscaceae	Cyclotella	8	1.00	8	573612.37
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Bacillariaceae	Cylindrotheca	3	1.00	3	215104.64
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	13	1.00	13	932120.11
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Diploneidaceae	Diploneis	1	1.00	1	71701.55
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Naviculaceae	Navicula	158	1.00	158	11328844.40
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Bacillariaceae	Nitzschia	53	1.00	53	3800181.98
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Triceratiaceae	Odontella	1	2.00	2	71701.55
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Paraliaceae	Paralia	1	4.00	4	71701.55
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	Prorocentraceae	Prorocentrum	3	1.00	3	215104.64
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13			7	1.14	8	501910.83
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13			14	1.07	15	1003821.66
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Achnanthidiaceae	Achnanthidium	9	1.00	9	853772.07
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Catenulaceae	Amphora	15	1.00	15	1422953.45
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Achnanthaceae	Cocconeis	4	1.00	4	379454.25
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Coscinodiscaceae	Coscinodiscus	4	1.00	4	379454.25
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Stephanodiscaceae	Cyclotella	9	1.00	9	853772.07
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Bacillariaceae	Cylindrotheca	2	1.00	2	189727.13
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	11	1.00	11	1043499.20
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Diploneidaceae	Diploneis	4	1.00	4	379454.25
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Pleurosigmaaceae	Gyrosigma/Pleurosigma	1	1.00	1	94863.56
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Naviculaceae	Navicula	162	1.00	162	15367897.27
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Bacillariaceae	Nitzschia	47	1.00	47	4458587.48
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Paraliaceae	Paralia	1	4.00	4	94863.56
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Prorocentraceae	Prorocentrum	1	1.00	1	94863.56
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	Fragilariaceae	Synedra	2	1.00	2	189727.13
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13			3	1.00	3	284590.69
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13			5	1.40	7	474317.82
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13			20	1.15	23	1897271.27
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Achnanthidiaceae	Achnanthidium	19	1.00	19	1243521.59
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Catenulaceae	Amphora	7	1.00	7	458139.53
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Achnanthaceae	Cocconeis	3	1.00	3	196345.51
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Coscinodiscaceae	Coscinodiscus	2	1.00	2	130897.01
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Stephanodiscaceae	Cyclotella	4	1.00	4	261794.02

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²	Cells per m ²
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	286806.19	6669.91	6669.91	48291999.91	48291999.91
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	71701.55	1667.48	1667.48	12072999.98	12072999.98
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	573612.37	13339.82	13339.82	96583999.81	96583999.81
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	215104.64	5002.43	5002.43	36218999.93	36218999.93
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	932120.11	21677.21	21677.21	156948999.70	156948999.70
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	71701.55	1667.48	1667.48	12072999.98	12072999.98
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	11328844.40	263461.50	263461.50	1907533996.30	1907533996.30
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	3800181.98	88376.33	88376.33	639868998.76	639868998.76
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	143403.09	1667.48	3334.96	24145999.95	24145999.95
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	286806.19	1667.48	6669.91	48291999.91	48291999.91
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	215104.64	5002.43	5002.43	36218999.93	36218999.93
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	573612.37	11672.34	13339.82	96583999.81	96583999.81
6632.01-09	RB2030	Biofilm	12:52	19-Aug-13	1075523.20	23344.69	25012.17	181094999.65	181094999.65
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	853772.07	20327.91	20327.91	143756873.32	143756873.32
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	1422953.45	33879.84	33879.84	239594788.86	239594788.86
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	379454.25	9034.63	9034.63	63891943.70	63891943.70
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	379454.25	9034.63	9034.63	63891943.70	63891943.70
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	853772.07	20327.91	20327.91	143756873.32	143756873.32
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	189727.13	4517.31	4517.31	31945971.85	31945971.85
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	1043499.20	24845.22	24845.22	175702845.16	175702845.16
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	379454.25	9034.63	9034.63	63891943.70	63891943.70
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	94863.56	2258.66	2258.66	15972985.92	15972985.92
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	15367897.27	365902.32	365902.32	2587623719.69	2587623719.69
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	4458587.48	106156.84	106156.84	750730338.43	750730338.43
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	379454.25	2258.66	9034.63	63891943.70	63891943.70
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	94863.56	2258.66	2258.66	15972985.92	15972985.92
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	189727.13	4517.31	4517.31	31945971.85	31945971.85
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	284590.69	6775.97	6775.97	47918957.77	47918957.77
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	664044.94	11293.28	15810.59	111810901.47	111810901.47
6632.01-10	RB2031	Biofilm	11:48	19-Aug-13	2181861.96	45173.13	51949.09	367378676.25	367378676.25
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	1243521.59	40113.60	40113.60	209382319.36	209382319.36
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	458139.53	14778.69	14778.69	77140854.50	77140854.50
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	196345.51	6333.73	6333.73	33060366.21	33060366.21
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	130897.01	4222.48	4222.48	22040244.14	22040244.14
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	261794.02	8444.97	8444.97	44080488.29	44080488.29

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Collection Area (cm ²)	Volume Received (mL)	Percent Counted	Taxon	Class	Order
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Diploneis spp.	Bacillariophyceae	Pennales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Synedra sp.	Bacillariophyceae	Pennales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Unknown centrales sp.	Bacillariophyceae	Centrales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Unknown Cryptomonadaceae	Cryptophyceae	Cryptomonadales
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Unknown Dinoflagellate sp.	Dinophyceae	
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	59.39	31	0.00153%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Cyclotella spp.	Bacillariophyceae	Centrales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Diploneis spp.	Bacillariophyceae	Pennales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Eutreptiella sp.	Euglenophyceae	Eutreptiales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Prorocentrum spp.	Dinophyceae	Prorocentrales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Synedra sp.	Bacillariophyceae	Pennales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Unknown alga spp.		
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	59.39	35	0.00114%	Urosolenia sp.	Bacillariophyceae	Centrales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Akashiwo sp.	Dinophyceae	
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Coscinodiscus spp.	Bacillariophyceae	Centrales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Cyclotella sp.	Bacillariophyceae	Centrales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Cylindrotheca sp.	Bacillariophyceae	Pennales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Diploneis spp.	Bacillariophyceae	Pennales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Heterosigma spp.	Raphidophyceae	Chattonellales

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Family	Genus	Number of Natural Units	Cells per Natural Unit	Number of Cells	Natural Units/sample
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Bacillariaceae	Cylindrotheca	25	1.00	25	1636212.62
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	33	1.00	33	2159800.66
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Diploneidaceae	Diploneis	4	1.00	4	261794.02
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Naviculaceae	Navicula	131	1.00	131	8573754.15
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Bacillariaceae	Nitzschia	51	1.00	51	3337873.75
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Fragilariaceae	Synedra	1	1.00	1	65448.50
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13			4	1.00	4	261794.02
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	Cryptomonadaceae		2	1.00	2	130897.01
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13			3	1.00	3	196345.51
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13			11	1.09	12	719933.55
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Achnanthidiaceae	Achnanthidium	43	1.00	43	3781696.43
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Catenulaceae	Amphora	20	1.00	20	1758928.57
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Achnanthaceae	Cocconeis	4	1.00	4	351785.71
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Stephanodiscaceae	Cyclotella	4	1.00	4	351785.71
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Bacillariaceae	Cylindrotheca	4	1.00	4	351785.71
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	17	1.00	17	1495089.29
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Diploneidaceae	Diploneis	2	1.00	2	175892.86
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Eutreptiaceae	Eutreptiella	1	1.00	1	87946.43
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Naviculaceae	Navicula	131	1.00	131	11520982.14
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Bacillariaceae	Nitzschia	63	1.00	63	5540625.00
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Prorocentraceae	Prorocentrum	5	1.00	5	439732.14
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Fragilariaceae	Synedra	2	1.00	2	175892.86
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13			3	1.00	3	263839.29
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13			7	1.14	8	615625.00
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	Rhizosoleniaceae	Urosolenia	1	1.00	1	87946.43
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Achnanthidiaceae	Achnanthidium	62	1.00	62	5368791.21
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13		Akashiwo	1	1.00	1	86593.41
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Catenulaceae	Amphora	4	1.00	4	346373.63
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Achnanthaceae	Cocconeis	4	1.00	4	346373.63
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Coscinodiscaceae	Coscinodiscus	2	1.00	2	173186.81
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Stephanodiscaceae	Cyclotella	1	1.00	1	86593.41
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Bacillariaceae	Cylindrotheca	1	1.00	1	86593.41
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	31	1.00	31	2684395.60
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Diploneidaceae	Diploneis	3	1.00	3	259780.22
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Chattonellaceae	Heterosigma	6	1.00	6	519560.44

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²	Cells per m ²
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	1636212.62	52781.05	52781.05	275503051.79	275503051.79
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	2159800.66	69670.99	69670.99	363664028.36	363664028.36
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	261794.02	8444.97	8444.97	44080488.29	44080488.29
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	8573754.15	276572.71	276572.71	1443635991.38	1443635991.38
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	3337873.75	107673.35	107673.35	562026225.65	562026225.65
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	65448.50	2111.24	2111.24	11020122.07	11020122.07
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	261794.02	8444.97	8444.97	44080488.29	44080488.29
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	130897.01	4222.48	4222.48	22040244.14	22040244.14
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	196345.51	6333.73	6333.73	33060366.21	33060366.21
6632.01-11	RB2040	Biofilm	13:50	19-Aug-13	785382.06	23223.66	25334.91	132241464.86	132241464.86
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	3781696.43	109614.39	109614.39	636756428.45	636756428.45
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	1758928.57	50983.44	50983.44	296165780.67	296165780.67
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	351785.71	10196.69	10196.69	59233156.13	59233156.13
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	351785.71	10196.69	10196.69	59233156.13	59233156.13
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	351785.71	10196.69	10196.69	59233156.13	59233156.13
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	1495089.29	43335.92	43335.92	251740913.57	251740913.57
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	175892.86	5098.34	5098.34	29616578.07	29616578.07
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	87946.43	2549.17	2549.17	14808289.03	14808289.03
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	11520982.14	333941.51	333941.51	1939885863.42	1939885863.42
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	5540625.00	160597.83	160597.83	932922209.13	932922209.13
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	439732.14	12745.86	12745.86	74041445.17	74041445.17
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	175892.86	5098.34	5098.34	29616578.07	29616578.07
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	263839.29	7647.52	7647.52	44424867.10	44424867.10
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	703571.43	17844.20	20393.37	118466312.27	118466312.27
6632.01-12	RB2043	Biofilm	10:21	19-Aug-13	87946.43	2549.17	2549.17	14808289.03	14808289.03
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	5368791.21	165193.58	165193.58	903989090.55	903989090.55
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	86593.41	2664.41	2664.41	14580469.20	14580469.20
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	346373.63	10657.65	10657.65	58321876.81	58321876.81
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	346373.63	10657.65	10657.65	58321876.81	58321876.81
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	173186.81	5328.83	5328.83	29160938.40	29160938.40
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	86593.41	2664.41	2664.41	14580469.20	14580469.20
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	86593.41	2664.41	2664.41	14580469.20	14580469.20
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	2684395.60	82596.79	82596.79	451994545.28	451994545.28
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	259780.22	7993.24	7993.24	43741407.61	43741407.61
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	519560.44	15986.48	15986.48	87482815.21	87482815.21

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Collection Area (cm ²)	Volume Received (mL)	Percent Counted	Taxon	Class	Order
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Odontella spp.	Bacillariophyceae	Centrales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Phaeocystis sp.		
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Prorocentrum spp.	Dinophyceae	Prorocentrales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Thalassiosira spp.	Bacillariophyceae	Centrales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Unknown centrales sp.	Bacillariophyceae	Centrales
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	59.39	33	0.00115%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Achnanidium spp.	Bacillariophyceae	Pennales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Cylindrotheca sp.	Bacillariophyceae	Pennales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Eunotogramma sp.	Bacillariophyceae	Centrales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Heterosigma spp.	Raphidophyceae	Chattonellales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Melosira sp.	Bacillariophyceae	Centrales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Odontella spp.	Bacillariophyceae	Centrales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Thalassiosira sp.	Bacillariophyceae	Centrales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Unknown alga spp.		
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Unknown centrales sp.	Bacillariophyceae	Centrales
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Unknown Dinoflagellate sp.	Dinophyceae	
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	59.39	40	0.00389%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Achnanidium spp.	Bacillariophyceae	Pennales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Coccinodiscus spp.	Bacillariophyceae	Centrales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Cyclotella spp.	Bacillariophyceae	Centrales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Diploneis spp.	Bacillariophyceae	Pennales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Prorocentrum spp.	Dinophyceae	Prorocentrales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Striatella sp.	Bacillariophyceae	Pennales

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Family	Genus	Number of Natural Units	Cells per Natural Unit	Number of Cells	Natural Units/sample
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Naviculaceae	Navicula	92	1.00	92	7966593.41
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Bacillariaceae	Nitzschia	85	1.00	85	7360439.56
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Triceratiaceae	Odontella	4	1.00	4	346373.63
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Phaeosystaceae	Phaeocystis	1	2.00	2	86593.41
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Prorocentraceae	Prorocentrum	5	1.00	5	432967.03
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	Thalassiosiraceae	Thalassiosira	6	1.00	6	519560.44
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13			1	3.00	3	86593.41
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13			7	1.00	7	606153.85
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Achnanthesiaceae	Achnanthesidium	196	1.00	196	5037442.92
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Catenulaceae	Amphora	6	1.00	6	154207.44
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Achnanthesaceae	Cocconeis	2	1.00	2	51402.48
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Bacillariaceae	Cylindrotheca	1	1.00	1	25701.24
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Achnanthesaceae	Delphineis/Rhaphoneis	20	1.00	20	514024.79
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Biddulphiaceae	Eunotogramma	1	2.00	2	25701.24
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Chattonellaceae	Heterosigma	5	1.00	5	128506.20
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Melosiraceae	Melosira	1	2.00	2	25701.24
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Naviculaceae	Navicula	54	1.11	60	1387866.93
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Bacillariaceae	Nitzschia	5	1.00	5	128506.20
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Triceratiaceae	Odontella	3	1.00	3	77103.72
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	Thalassiosiraceae	Thalassiosira	1	1.00	1	25701.24
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13			1	1.00	1	25701.24
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13			1	1.00	1	25701.24
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13			2	1.00	2	51402.48
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13			1	1.00	1	25701.24
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Achnanthesiaceae	Achnanthesidium	41	1.00	41	1349540.52
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Catenulaceae	Amphora	16	1.00	16	526649.96
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Coscinodiscaceae	Coscinodiscus	8	1.00	8	263324.98
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Stephanodiscaceae	Cyclotella	8	1.00	8	263324.98
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Bacillariaceae	Cylindrotheca	7	1.00	7	230409.36
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Achnanthesaceae	Delphineis/Rhaphoneis	18	1.00	18	592481.20
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Diploneidaceae	Diploneis	3	1.00	3	98746.87
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Naviculaceae	Navicula	111	1.02	113	3653634.09
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Bacillariaceae	Nitzschia	74	1.00	74	2435756.06
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Prorocentraceae	Prorocentrum	2	1.00	2	65831.24
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Fragilariaceae	Striatella	2	1.00	2	65831.24

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²	Cells per m ²
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	7966593.41	245125.95	245125.95	1341403166.63	1341403166.63
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	7360439.56	226475.06	226475.06	1239339882.21	1239339882.21
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	346373.63	10657.65	10657.65	58321876.81	58321876.81
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	173186.81	2664.41	5328.83	29160938.40	29160938.40
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	432967.03	13322.06	13322.06	72902346.01	72902346.01
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	519560.44	15986.48	15986.48	87482815.21	87482815.21
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	259780.22	2664.41	7993.24	43741407.61	43741407.61
6632.01-13	RB2045	Biofilm	10:00	19-Aug-13	606153.85	18650.89	18650.89	102063284.42	102063284.42
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	5037442.92	125936.07	125936.07	848197158.17	848197158.17
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	154207.44	3855.19	3855.19	25965219.13	25965219.13
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	51402.48	1285.06	1285.06	8655073.04	8655073.04
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	25701.24	642.53	642.53	4327536.52	4327536.52
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	514024.79	12850.62	12850.62	86550730.43	86550730.43
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	51402.48	642.53	1285.06	8655073.04	8655073.04
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	128506.20	3212.65	3212.65	21637682.61	21637682.61
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	51402.48	642.53	1285.06	8655073.04	8655073.04
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	1542074.36	34696.67	38551.86	259652191.28	259652191.28
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	128506.20	3212.65	3212.65	21637682.61	21637682.61
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	77103.72	1927.59	1927.59	12982609.56	12982609.56
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	25701.24	642.53	642.53	4327536.52	4327536.52
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	25701.24	642.53	642.53	4327536.52	4327536.52
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	25701.24	642.53	642.53	4327536.52	4327536.52
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	51402.48	1285.06	1285.06	8655073.04	8655073.04
6632.01-14	RB2037	Biofilm	13:00	20-Aug-13	25701.24	642.53	642.53	4327536.52	4327536.52
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	1349540.52	32131.92	32131.92	227233628.21	227233628.21
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	526649.96	12539.28	12539.28	88676537.84	88676537.84
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	263324.98	6269.64	6269.64	44338268.92	44338268.92
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	263324.98	6269.64	6269.64	44338268.92	44338268.92
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	230409.36	5485.94	5485.94	38795985.30	38795985.30
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	592481.20	14106.70	14106.70	99761105.07	99761105.07
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	98746.87	2351.12	2351.12	16626850.84	16626850.84
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	3719465.33	86991.29	88558.70	626278048.49	626278048.49
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	2435756.06	57994.19	57994.19	410128987.51	410128987.51
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	65831.24	1567.41	1567.41	11084567.23	11084567.23
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	65831.24	1567.41	1567.41	11084567.23	11084567.23

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Collection Area (cm ²)	Volume Received (mL)	Percent Counted	Taxon	Class	Order
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Unknown centrales sp.	Bacillariophyceae	Centrales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Unknown Cryptomonadaceae	Cryptophyceae	Cryptomonadales
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	59.39	42	0.00304%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Coscinodiscus spp.	Bacillariophyceae	Centrales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Cyclotella spp.	Bacillariophyceae	Centrales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Diploneis spp.	Bacillariophyceae	Pennales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Prorocentrum spp.	Dinophyceae	Prorocentrales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Pseudo-nitzschia sp.	Bacillariophyceae	Pennales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Unknown alga sp. 3 ?		
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Unknown centrales sp.	Bacillariophyceae	Centrales
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	59.39	43	0.00313%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Cyclotella spp.	Bacillariophyceae	Centrales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Diploneis sp.	Bacillariophyceae	Pennales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Melosira sp.	Bacillariophyceae	Centrales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Odontella spp.	Bacillariophyceae	Centrales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Prorocentrum sp.	Dinophyceae	Prorocentrales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Unknown centrales spp.	Bacillariophyceae	Centrales
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	59.39	36	0.00733%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Chaetoceros sp.	Bacillariophyceae	Centrales
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Cocconeis sp.	Bacillariophyceae	Pennales
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Coscinodiscus sp.	Bacillariophyceae	Centrales

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Family	Genus	Number of Natural Units	Cells per Natural Unit	Number of Cells	Natural Units/sample
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13			4	1.25	5	131662.49
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	Cryptomonadaceae		1	1.00	1	32915.62
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13			5	1.20	6	164578.11
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	Achnanthidiaceae	Achnanthidium	49	1.00	49	1567045.45
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	Catenulaceae	Amphora	12	1.00	12	383766.23
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	Coscinodiscaceae	Coscinodiscus	4	1.00	4	127922.08
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	Stephanodiscaceae	Cyclotella	5	1.00	5	159902.60
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	Bacillariaceae	Cylindrotheca	6	1.00	6	191883.12
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	11	1.00	11	351785.71
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	Diploneidaceae	Diploneis	7	1.00	7	223863.64
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	Naviculaceae	Navicula	86	1.02	88	2750324.68
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	Bacillariaceae	Nitzschia	99	1.00	99	3166071.43
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	Prorocentraceae	Prorocentrum	5	1.00	5	159902.60
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	Diatomaceae	Pseudo-nitzschia	1	2.00	2	31980.52
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13			3	1.00	3	95941.56
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13			2	1.00	2	63961.04
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13			10	1.20	12	319805.19
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	Achnanthidiaceae	Achnanthidium	94	1.00	94	1282632.03
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	Catenulaceae	Amphora	12	1.00	12	163740.26
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	Stephanodiscaceae	Cyclotella	1	1.00	1	13645.02
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	Bacillariaceae	Cylindrotheca	3	1.00	3	40935.06
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	20	1.00	20	272900.43
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	Diploneidaceae	Diploneis	1	1.00	1	13645.02
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	Melosiraceae	Melosira	1	6.00	6	13645.02
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	Naviculaceae	Navicula	109	1.11	121	1487307.36
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	Bacillariaceae	Nitzschia	45	1.00	45	614025.97
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	Triceratiaceae	Odontella	4	1.00	4	54580.09
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	Prorocentraceae	Prorocentrum	1	1.00	1	13645.02
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13			4	1.00	4	54580.09
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13			4	1.00	4	54580.09
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	Achnanthidiaceae	Achnanthidium	51	1.00	51	5126020.41
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	Catenulaceae	Amphora	40	1.00	40	4020408.16
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	Chaetocerotaceae	Chaetoceros	1	1.00	1	100510.20
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	Achnanthaceae	Cocconeis	1	1.00	1	100510.20
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	Coscinodiscaceae	Coscinodiscus	1	1.00	1	100510.20

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²	Cells per m ²
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	164578.11	3134.82	3918.53	27711418.07	27711418.07
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	32915.62	783.71	783.71	5542283.61	5542283.61
6632.01-15	RB2038	Biofilm	11:10	20-Aug-13	197493.73	3918.53	4702.23	33253701.69	33253701.69
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	1567045.45	36442.92	36442.92	263856786.42	263856786.42
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	383766.23	8924.80	8924.80	64617988.51	64617988.51
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	127922.08	2974.93	2974.93	21539329.50	21539329.50
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	159902.60	3718.67	3718.67	26924161.88	26924161.88
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	191883.12	4462.40	4462.40	32308994.26	32308994.26
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	351785.71	8181.06	8181.06	59233156.13	59233156.13
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	223863.64	5206.13	5206.13	37693826.63	37693826.63
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	2814285.71	63961.04	65448.50	473865249.08	473865249.08
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	3166071.43	73629.57	73629.57	533098405.21	533098405.21
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	159902.60	3718.67	3718.67	26924161.88	26924161.88
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	63961.04	743.73	1487.47	10769664.75	10769664.75
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	95941.56	2231.20	2231.20	16154497.13	16154497.13
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	63961.04	1487.47	1487.47	10769664.75	10769664.75
6632.01-16	RB2038 DUP	Biofilm	11:10	20-Aug-13	383766.23	7437.33	8924.80	64617988.51	64617988.51
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	1282632.03	35628.67	35628.67	215967677.16	215967677.16
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	163740.26	4548.34	4548.34	27570341.76	27570341.76
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	13645.02	379.03	379.03	2297528.48	2297528.48
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	40935.06	1137.09	1137.09	6892585.44	6892585.44
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	272900.43	7580.57	7580.57	45950569.61	45950569.61
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	13645.02	379.03	379.03	2297528.48	2297528.48
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	81870.13	379.03	2274.17	13785170.88	13785170.88
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	1651047.62	41314.09	45862.43	278000946.13	278000946.13
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	614025.97	17056.28	17056.28	103388781.62	103388781.62
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	54580.09	1516.11	1516.11	9190113.92	9190113.92
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	13645.02	379.03	379.03	2297528.48	2297528.48
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	54580.09	1516.11	1516.11	9190113.92	9190113.92
6632.01-17	RB2041	Biofilm	13:40	20-Aug-13	54580.09	1516.11	1516.11	9190113.92	9190113.92
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	5126020.41	102520.41	102520.41	863111703.68	863111703.68
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	4020408.16	80408.16	80408.16	676950355.83	676950355.83
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	100510.20	2010.20	2010.20	16923758.90	16923758.90
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	100510.20	2010.20	2010.20	16923758.90	16923758.90
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	100510.20	2010.20	2010.20	16923758.90	16923758.90

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Collection Area (cm ²)	Volume Received (mL)	Percent Counted	Taxon	Class	Order
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Diploneis spp.	Bacillariophyceae	Pennales
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Unknown alga sp. 3 ?		
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	59.39	50	0.00099%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Coscinodiscus spp.	Bacillariophyceae	Centrales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Diploneis sp.	Bacillariophyceae	Pennales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Melosira sp.	Bacillariophyceae	Centrales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Synedra spp.	Bacillariophyceae	Pennales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Unknown centrales spp.	Bacillariophyceae	Centrales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Unknown Cryptomonadaceae	Cryptophyceae	Cryptomonadales
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	59.39	33	0.00021%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Achnantheidium spp.	Bacillariophyceae	Pennales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Diploneis sp.	Bacillariophyceae	Pennales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Heterosigma sp.	Raphidophyceae	Chattonellales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Lyrella sp.	Bacillariophyceae	Pennales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Melosira sp.	Bacillariophyceae	Centrales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Paralia sp.	Bacillariophyceae	Centrales
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	59.39	25	0.00011%	Unknown pennales sp.	Bacillariophyceae	Pennales

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Family	Genus	Number of Natural Units	Cells per Natural Unit	Number of Cells	Natural Units/sample
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	29	1.00	29	2914795.92
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	Diploneidaceae	Diploneis	12	1.00	12	1206122.45
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	Pleurosigmataceae	Gyrosigma/Pleurosigma	3	1.00	3	301530.61
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	Naviculaceae	Navicula	87	1.03	90	8744387.76
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	Bacillariaceae	Nitzschia	69	1.00	69	6935204.08
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13			2	1.00	2	201020.41
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13			4	1.00	4	402040.82
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Achnanthidiaceae	Achnanthidium	77	1.00	77	36625352.11
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Catenulaceae	Amphora	17	1.00	17	8086116.70
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Achnanthaceae	Cocconeis	2	1.00	2	951307.85
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Coscinodiscaceae	Coscinodiscus	3	1.00	3	1426961.77
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Bacillariaceae	Cylindrotheca	8	1.00	8	3805231.39
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	5	1.00	5	2378269.62
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Diploneidaceae	Diploneis	1	1.00	1	475653.92
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Pleurosigmataceae	Gyrosigma/Pleurosigma	26	1.00	26	12367002.01
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Melosiraceae	Melosira	5	1.60	8	2378269.62
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Naviculaceae	Navicula	67	1.03	69	31868812.88
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Bacillariaceae	Nitzschia	78	1.00	78	37101006.04
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Fragilariaceae	Synedra	2	1.00	2	951307.85
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13			1	2.00	2	475653.92
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	Cryptomonadaceae		1	1.00	1	475653.92
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13			7	1.14	8	3329577.46
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Achnanthidiaceae	Achnanthidium	41	1.00	41	36058035.71
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Catenulaceae	Amphora	7	1.00	7	6156250.00
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Achnanthaceae	Cocconeis	6	1.00	6	5276785.71
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	17	1.00	17	14950892.86
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Diploneidaceae	Diploneis	1	1.00	1	879464.29
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Pleurosigmataceae	Gyrosigma/Pleurosigma	21	1.00	21	18468750.00
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Chattonellaceae	Heterosigma	1	1.00	1	879464.29
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Lyrellaceae	Lyrella	1	1.00	1	879464.29
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Melosiraceae	Melosira	1	2.00	2	879464.29
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Naviculaceae	Navicula	84	1.00	84	73875000.00
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Bacillariaceae	Nitzschia	152	1.00	152	133678571.43
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	Paraliaceae	Paralia	4	1.75	7	3517857.14
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13			4	1.25	5	3517857.14

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²	Cells per m ²
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	2914795.92	58295.92	58295.92	490789007.98	490789007.98
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	1206122.45	24122.45	24122.45	203085106.75	203085106.75
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	301530.61	6030.61	6030.61	50771276.69	50771276.69
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	9045918.37	174887.76	180918.37	1523138300.61	1523138300.61
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	6935204.08	138704.08	138704.08	1167739363.80	1167739363.80
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	201020.41	4020.41	4020.41	33847517.79	33847517.79
6632.01-18	RB2020	Biofilm	13:45	21-Aug-13	402040.82	8040.82	8040.82	67695035.58	67695035.58
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	36625352.11	1126933.91	1126933.91	6166922396.48	6166922396.48
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	8086116.70	248803.59	248803.59	1361528321.30	1361528321.30
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	951307.85	29271.01	29271.01	160179802.51	160179802.51
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	1426961.77	43906.52	43906.52	240269703.76	240269703.76
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	3805231.39	117084.04	117084.04	640719210.02	640719210.02
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	2378269.62	73177.53	73177.53	400449506.26	400449506.26
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	475653.92	14635.51	14635.51	80089901.25	80089901.25
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	12367002.01	380523.14	380523.14	2082337432.58	2082337432.58
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	3805231.39	73177.53	117084.04	640719210.02	640719210.02
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	32820120.72	980578.86	1009849.87	5526203186.45	5526203186.45
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	37101006.04	1141569.42	1141569.42	6247012297.73	6247012297.73
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	951307.85	29271.01	29271.01	160179802.51	160179802.51
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	951307.85	14635.51	29271.01	160179802.51	160179802.51
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	475653.92	14635.51	14635.51	80089901.25	80089901.25
6632.01-19	RB2047	Biofilm	10:40	21-Aug-13	3805231.39	102448.54	117084.04	640719210.02	640719210.02
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	36058035.71	1442321.43	1442321.43	6071398503.84	6071398503.84
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	6156250.00	246250.00	246250.00	1036580232.36	1036580232.36
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	5276785.71	211071.43	211071.43	888497342.02	888497342.02
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	14950892.86	598035.71	598035.71	2517409135.74	2517409135.74
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	879464.29	35178.57	35178.57	148082890.34	148082890.34
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	18468750.00	738750.00	738750.00	3109740697.09	3109740697.09
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	879464.29	35178.57	35178.57	148082890.34	148082890.34
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	879464.29	35178.57	35178.57	148082890.34	148082890.34
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	1758928.57	35178.57	70357.14	296165780.67	296165780.67
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	73875000.00	2955000.00	2955000.00	12438962788.35	12438962788.35
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	133678571.43	5347142.86	5347142.86	22508599331.30	22508599331.30
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	6156250.00	140714.29	246250.00	1036580232.36	1036580232.36
6632.01-20	RB2009	Biofilm	11:45	21-Aug-13	4397321.43	140714.29	175892.86	740414451.69	740414451.69

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Collection Area (cm ²)	Volume Received (mL)	Percent Counted	Taxon	Class	Order
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Achnanthes spp.	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Achnanthidium spp.	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Coscinodiscus sp.	Bacillariophyceae	Centrales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Diploneis spp.	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Heterosigma sp.	Raphidophyceae	Chattonellales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Prorocentrum sp.	Dinophyceae	Prorocentrales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Pseudo-nitzschia sp.	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Thalassiosira sp.	Bacillariophyceae	Centrales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	59.39	36	0.00024%	Urosolenia sp.	Bacillariophyceae	Centrales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Achnanthes spp.	Bacillariophyceae	Pennales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Achnanthidium spp.	Bacillariophyceae	Pennales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Amphora spp.	Bacillariophyceae	Pennales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Coscinodiscus sp.	Bacillariophyceae	Centrales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Merismopedia sp.	Myxophyceae	Chroococcales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Navicula spp.	Bacillariophyceae	Pennales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	59.39	40	0.00026%	Unknown pennales sp.	Bacillariophyceae	Pennales
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	59.39	50	0.00035%	Achnanthidium spp.	Bacillariophyceae	Pennales
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	59.39	50	0.00035%	Amphora spp.	Bacillariophyceae	Pennales
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	59.39	50	0.00035%	Cocconeis sp.	Bacillariophyceae	Pennales
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	59.39	50	0.00035%	Cyclotella sp.	Bacillariophyceae	Centrales
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	59.39	50	0.00035%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	59.39	50	0.00035%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Family	Genus	Number of Natural Units	Cells per Natural Unit	Number of Cells	Natural Units/sample
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Achnanthaceae	Achnanthes	3	1.00	3	1260127.93
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Achnanthidiaceae	Achnanthidium	59	1.00	59	24782515.99
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Catenulaceae	Amphora	30	1.00	30	12601279.32
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Achnanthaceae	Cocconeis	6	1.00	6	2520255.86
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Coscinodiscaceae	Coscinodiscus	1	1.00	1	420042.64
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Bacillariaceae	Cylindrotheca	13	1.00	13	5460554.37
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	20	1.00	20	8400852.88
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Diploneidaceae	Diploneis	4	1.00	4	1680170.58
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Pleurosigmaaceae	Gyrosigma/Pleurosigma	3	1.00	3	1260127.93
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Chattonellaceae	Heterosigma	1	1.00	1	420042.64
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Naviculaceae	Navicula	66	1.00	66	27722814.50
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Bacillariaceae	Nitzschia	96	1.00	96	40324093.82
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Prorocentraceae	Prorocentrum	1	1.00	1	420042.64
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Diatomaceae	Pseudo-nitzschia	1	2.00	2	420042.64
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Thalassiosiraceae	Thalassiosira	2	1.00	2	840085.29
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13			3	10.00	30	1260127.93
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	Rhizosoleniaceae	Urosolenia	1	1.00	1	420042.64
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	Achnanthaceae	Achnanthes	19	2.32	44	7375369.46
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	Achnanthidiaceae	Achnanthidium	22	1.00	22	8539901.48
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	Catenulaceae	Amphora	6	1.00	6	2329064.04
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	Achnanthaceae	Cocconeis	3	1.00	3	1164532.02
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	Coscinodiscaceae	Coscinodiscus	1	1.00	1	388177.34
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	Bacillariaceae	Cylindrotheca	4	1.00	4	1552709.36
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	12	1.00	12	4658128.08
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	Pleurosigmaaceae	Gyrosigma/Pleurosigma	5	1.00	5	1940886.70
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	Merismopediaceae	Merismopedia	1	41.00	41	388177.34
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	Naviculaceae	Navicula	49	1.02	50	19020689.66
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	Bacillariaceae	Nitzschia	199	1.00	199	77247290.64
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13			1	1.00	1	388177.34
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	Achnanthidiaceae	Achnanthidium	32	1.00	32	9236630.04
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	Catenulaceae	Amphora	9	1.00	9	2597802.20
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	Achnanthaceae	Cocconeis	1	1.00	1	288644.69
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	Stephanodiscaceae	Cyclotella	1	1.00	1	288644.69
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	Bacillariaceae	Cylindrotheca	7	1.00	7	2020512.82
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	9	1.00	9	2597802.20

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EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²	Cells per m ²
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	1260127.93	35003.55	35003.55	212178469.74	212178469.74
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	24782515.99	688403.22	688403.22	4172843238.17	4172843238.17
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	12601279.32	350035.54	350035.54	2121784697.37	2121784697.37
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	2520255.86	70007.11	70007.11	424356939.47	424356939.47
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	420042.64	11667.85	11667.85	70726156.58	70726156.58
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	5460554.37	151682.07	151682.07	919440035.53	919440035.53
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	8400852.88	233357.02	233357.02	1414523131.58	1414523131.58
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	1680170.58	46671.40	46671.40	282904626.32	282904626.32
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	1260127.93	35003.55	35003.55	212178469.74	212178469.74
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	420042.64	11667.85	11667.85	70726156.58	70726156.58
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	27722814.50	770078.18	770078.18	4667926334.22	4667926334.22
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	40324093.82	1120113.72	1120113.72	6789711031.59	6789711031.59
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	420042.64	11667.85	11667.85	70726156.58	70726156.58
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	840085.29	11667.85	23335.70	141452313.16	141452313.16
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	840085.29	23335.70	23335.70	141452313.16	141452313.16
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	12601279.32	35003.55	350035.54	2121784697.37	2121784697.37
6632.01-21	RB2013	Biofilm	15:00	21-Aug-13	420042.64	11667.85	11667.85	70726156.58	70726156.58
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	17079802.96	184384.24	426995.07	2875871856.49	2875871856.49
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	8539901.48	213497.54	213497.54	1437935928.24	1437935928.24
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	2329064.04	58226.60	58226.60	392164344.07	392164344.07
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	1164532.02	29113.30	29113.30	196082172.03	196082172.03
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	388177.34	9704.43	9704.43	65360724.01	65360724.01
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	1552709.36	38817.73	38817.73	261442896.04	261442896.04
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	4658128.08	116453.20	116453.20	784328688.13	784328688.13
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	1940886.70	48522.17	48522.17	326803620.06	326803620.06
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	15915270.94	9704.43	397881.77	2679789684.45	2679789684.45
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	19408867.00	475517.24	485221.67	3268036200.55	3268036200.55
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	77247290.64	1931182.27	1931182.27	13006784078.19	13006784078.19
6632.01-22	RB2007	Biofilm	12:15	22-Aug-13	388177.34	9704.43	9704.43	65360724.01	65360724.01
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	9236630.04	184732.60	184732.60	1555250048.26	1555250048.26
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	2597802.20	51956.04	51956.04	437414076.07	437414076.07
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	288644.69	5772.89	5772.89	48601564.01	48601564.01
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	288644.69	5772.89	5772.89	48601564.01	48601564.01
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	2020512.82	40410.26	40410.26	340210948.06	340210948.06
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	2597802.20	51956.04	51956.04	437414076.07	437414076.07



EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Collection Area (cm ²)	Volume Received (mL)	Percent Counted	Taxon	Class	Order
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	59.39	50	0.00035%	Diploneis spp.	Bacillariophyceae	Pennales
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	59.39	50	0.00035%	Navicula spp.	Bacillariophyceae	Pennales
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	59.39	50	0.00035%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	59.39	50	0.00035%	Unknown centrales sp.	Bacillariophyceae	Centrales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Achnanthes spp.	Bacillariophyceae	Pennales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Achnanthidium spp.	Bacillariophyceae	Pennales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Amphora spp.	Bacillariophyceae	Pennales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Caloneis sp.	Bacillariophyceae	Pennales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Cocconeis spp.	Bacillariophyceae	Pennales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Cyclotella spp.	Bacillariophyceae	Centrales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Cylindrotheca spp.	Bacillariophyceae	Pennales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Gyrosigma/Pleurosigma	Bacillariophyceae	Pennales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Melosira sp.	Bacillariophyceae	Centrales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Navicula spp.	Bacillariophyceae	Pennales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Nitzschia spp.	Bacillariophyceae	Pennales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Thalassiosira spp.	Bacillariophyceae	Centrales
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	59.39	45	0.00026%	Unknown pennales sp.	Bacillariophyceae	Pennales



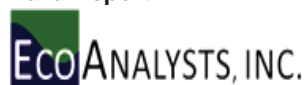
EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Family	Genus	Number of Natural Units	Cells per Natural Unit	Number of Cells	Natural Units/sample
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	Diploneidaceae	Diploneis	4	1.00	4	1154578.75
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	Naviculaceae	Navicula	52	1.00	52	15009523.81
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	Bacillariaceae	Nitzschia	184	1.00	184	53110622.71
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13			1	1.00	1	288644.69
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Achnanthaceae	Achnanthes	3	1.00	3	1138362.76
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Achnanthidiaceae	Achnanthidium	25	1.00	25	9486356.34
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Catenulaceae	Amphora	4	1.00	4	1517817.01
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Pinnulariaceae	Caloneis	1	1.00	1	379454.25
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Achnanthaceae	Cocconeis	10	1.00	10	3794542.54
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Stephanodiscaceae	Cyclotella	4	1.00	4	1517817.01
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Bacillariaceae	Cylindrotheca	8	1.00	8	3035634.03
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Achnanthaceae	Delphineis/Rhaphoneis	30	1.00	30	11383627.61
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Pleurosigmataceae	Gyrosigma/Pleurosigma	2	1.00	2	758908.51
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Melosiraceae	Melosira	1	1.00	1	379454.25
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Naviculaceae	Navicula	46	1.09	50	17454895.67
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Bacillariaceae	Nitzschia	162	1.00	162	61471589.09
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	Thalassiosiraceae	Thalassiosira	2	2.00	4	758908.51
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13			3	1.00	3	1138362.76



EcoAnalysts Sample ID	Location	Sample	Time	Collection Date	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²	Cells per m ²
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	1154578.75	23091.58	23091.58	194406256.03	194406256.03
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	15009523.81	300190.48	300190.48	2527281328.43	2527281328.43
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	53110622.71	1062212.45	1062212.45	8942687777.51	8942687777.51
6632.02-01	RB2001	Biofilm	N/A	23-Aug-13	288644.69	5772.89	5772.89	48601564.01	48601564.01
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	1138362.76	25296.95	25296.95	191675831.09	191675831.09
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	9486356.34	210807.92	210807.92	1597298592.40	1597298592.40
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	1517817.01	33729.27	33729.27	255567774.78	255567774.78
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	379454.25	8432.32	8432.32	63891943.70	63891943.70
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	3794542.54	84323.17	84323.17	638919436.96	638919436.96
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	1517817.01	33729.27	33729.27	255567774.78	255567774.78
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	3035634.03	67458.53	67458.53	511135549.57	511135549.57
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	11383627.61	252969.50	252969.50	1916758310.89	1916758310.89
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	758908.51	16864.63	16864.63	127783887.39	127783887.39
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	379454.25	8432.32	8432.32	63891943.70	63891943.70
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	18972712.68	387886.57	421615.84	3194597184.81	3194597184.81
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	61471589.09	1366035.31	1366035.31	10350494878.78	10350494878.78
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	1517817.01	16864.63	33729.27	255567774.78	255567774.78
6632.02-02	RB2003	Biofilm	N/A	23-Aug-13	1138362.76	25296.95	25296.95	191675831.09	191675831.09

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EcoAnalysts Sample ID	Location	Time	Station #	Collection Date	Collection Area (m ²)	Volume Received (mL)	Percent Counted
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-01	RB2001	3:36	Biofilm	3-Feb-14	59.39	42	0.00052%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%
6500.03-02	RB2003	4:00	Biofilm	3-Feb-14	59.39	40	0.00095%

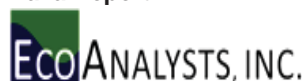
Worley Parsons BC
 Marine Benthic Algae
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EcoAnalysts Sample ID	Location	Taxon	Class	Order	Family
6500.03-01	RB2001	Achnantheidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-01	RB2001	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-01	RB2001	Campylodiscus sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-01	RB2001	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-01	RB2001	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-01	RB2001	Diatoma sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-01	RB2001	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-01	RB2001	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-01	RB2001	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-01	RB2001	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-01	RB2001	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-01	RB2001	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-01	RB2001	Pyramimonas sp.	Chlorophyceae	Volvocales	Prasinophyceae
6500.03-01	RB2001	Stephanopyxis sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-01	RB2001	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-01	RB2001	Unknown centrales sp.	Bacillariophyceae	Centrales	0
6500.03-01	RB2001	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-02	RB2003	Achnantheidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-02	RB2003	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-02	RB2003	Aulacoseira spp.	Bacillariophyceae	Centrales	Aulacoseiraceae
6500.03-02	RB2003	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-02	RB2003	Campylodiscus sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-02	RB2003	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-02	RB2003	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-02	RB2003	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-02	RB2003	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-02	RB2003	Diatoma sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-02	RB2003	Didymosphenia sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-02	RB2003	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-02	RB2003	Eunotia sp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-02	RB2003	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-02	RB2003	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-02	RB2003	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-02	RB2003	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-02	RB2003	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-02	RB2003	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-02	RB2003	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-02	RB2003	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-02	RB2003	Protoperidinium sp.	Dinophyceae	Peridinales	Protoperidiniaceae
6500.03-02	RB2003	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-02	RB2003	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae

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EcoAnalysts Sample ID	Location	Genus	Species	Taxonomic Authority	Number of Natural Units	Cells per Natural Unit	Number of Cells	Natural Units/sample
6500.03-01	RB2001	Achnanthydium	sp.	Kützing	26	1.00	26	4960774.82
6500.03-01	RB2001	Amphora	spp.		17	1.00	17	3243583.54
6500.03-01	RB2001	Campylodiscus	sp.		0	1.00	1	190799.03
6500.03-01	RB2001	Cocconeis	spp.		0	1.00	1	190799.03
6500.03-01	RB2001	Delphineis/Rhaphoneis	0		0	1.00	29	5533171.91
6500.03-01	RB2001	Diatoma	sp.		0	1.00	1	190799.03
6500.03-01	RB2001	Fragilaria	sp.		0	1.00	2	381598.06
6500.03-01	RB2001	Frustulia	sp.		0	1.00	4	763196.13
6500.03-01	RB2001	Gomphonema	sp.		0	1.00	3	572397.09
6500.03-01	RB2001	Melosira	sp.		0	2.00	2	190799.03
6500.03-01	RB2001	Navicula	spp.		0	1.00	55	10493946.73
6500.03-01	RB2001	Nitzschia	spp.		0	1.00	141	26902663.44
6500.03-01	RB2001	Pyramimonas	sp.		0	1.00	1	190799.03
6500.03-01	RB2001	Stephanopyxis	sp.	(Ehrenberg) Ehrenberg	0	4.00	1	190799.03
6500.03-01	RB2001	Tryblionella	sp.		0	1.00	5	953995.16
6500.03-01	RB2001	0	0		0	1.00	4	763196.13
6500.03-01	RB2001	0	0		0	1.08	12	2289588.38
6500.03-02	RB2003	Achnanthydium	sp.	Kützing	8	1.00	8	841655.54
6500.03-02	RB2003	Amphora	spp.		0	1.00	22	2314552.74
6500.03-02	RB2003	Aulacoseira	spp.		0	8.00	1	105206.94
6500.03-02	RB2003	Bacillaria	sp.		0	1.00	2	210413.89
6500.03-02	RB2003	Campylodiscus	sp.		0	1.00	1	105206.94
6500.03-02	RB2003	Cocconeis	spp.		0	1.00	3	315620.83
6500.03-02	RB2003	Cyclotella	sp.		0	1.00	2	210413.89
6500.03-02	RB2003	Cymbella	sp.		0	1.00	1	105206.94
6500.03-02	RB2003	Delphineis/Rhaphoneis	0		0	1.00	10	1052069.43
6500.03-02	RB2003	Diatoma	sp.		0	1.00	3	315620.83
6500.03-02	RB2003	Didymosphenia	sp.		0	1.00	1	105206.94
6500.03-02	RB2003	Entomoneis	sp.		0	1.00	3	315620.83
6500.03-02	RB2003	Eunotia	sp.		0	1.00	1	105206.94
6500.03-02	RB2003	Fragilaria	sp.		0	1.00	4	420827.77
6500.03-02	RB2003	Frustulia	sp.		0	1.00	8	841655.54
6500.03-02	RB2003	Gomphonema	sp.		0	1.00	2	210413.89
6500.03-02	RB2003	Gyrosigma	sp.		0	1.00	1	105206.94
6500.03-02	RB2003	Melosira	sp.		0	2.00	2	210413.89
6500.03-02	RB2003	Navicula	spp.		0	1.00	77	8100934.58
6500.03-02	RB2003	Nitzschia	spp.		0	1.00	122	12835247.00
6500.03-02	RB2003	Pleurosigma	spp.		0	1.00	4	420827.77
6500.03-02	RB2003	Protoperidinium	sp.		0	1.00	1	105206.94
6500.03-02	RB2003	Surirella	sp.		0	1.00	1	105206.94
6500.03-02	RB2003	Tryblionella	sp.		0	1.00	4	420827.77

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EcoAnalysts Sample ID	Location	Cells/ sample	Natural Units per mL (in sample received)	Cells per mL (in sample received)	Natural Units per m ²	Cells per m ²
6500.03-01	RB2001	4960774.82	118113.69	118113.69	835287896.68	835287896.68
6500.03-01	RB2001	3243583.54	77228.18	77228.18	546149778.60	546149778.60
6500.03-01	RB2001	190799.03	4542.83	4542.83	32126457.56	32126457.56
6500.03-01	RB2001	190799.03	4542.83	4542.83	32126457.56	32126457.56
6500.03-01	RB2001	5533171.91	131742.19	131742.19	931667269.38	931667269.38
6500.03-01	RB2001	190799.03	4542.83	4542.83	32126457.56	32126457.56
6500.03-01	RB2001	381598.06	9085.67	9085.67	64252915.13	64252915.13
6500.03-01	RB2001	763196.13	18171.34	18171.34	128505830.26	128505830.26
6500.03-01	RB2001	572397.09	13628.50	13628.50	96379372.69	96379372.69
6500.03-01	RB2001	381598.06	4542.83	9085.67	64252915.13	64252915.13
6500.03-01	RB2001	10493946.73	249855.87	249855.87	1766955166.06	1766955166.06
6500.03-01	RB2001	26902663.44	640539.61	640539.61	4529830516.63	4529830516.63
6500.03-01	RB2001	190799.03	4542.83	4542.83	32126457.56	32126457.56
6500.03-01	RB2001	763196.13	4542.83	18171.34	128505830.26	128505830.26
6500.03-01	RB2001	953995.16	22714.17	22714.17	160632287.82	160632287.82
6500.03-01	RB2001	763196.13	18171.34	18171.34	128505830.26	128505830.26
6500.03-01	RB2001	2480387.41	54514.01	59056.84	417643948.34	417643948.34
6500.03-02	RB2003	841655.54	21041.39	21041.39	141716710.01	141716710.01
6500.03-02	RB2003	2314552.74	57863.82	57863.82	389720952.51	389720952.51
6500.03-02	RB2003	841655.54	2630.17	21041.39	141716710.01	141716710.01
6500.03-02	RB2003	210413.89	5260.35	5260.35	35429177.50	35429177.50
6500.03-02	RB2003	105206.94	2630.17	2630.17	17714588.75	17714588.75
6500.03-02	RB2003	315620.83	7890.52	7890.52	53143766.25	53143766.25
6500.03-02	RB2003	210413.89	5260.35	5260.35	35429177.50	35429177.50
6500.03-02	RB2003	105206.94	2630.17	2630.17	17714588.75	17714588.75
6500.03-02	RB2003	1052069.43	26301.74	26301.74	177145887.51	177145887.51
6500.03-02	RB2003	315620.83	7890.52	7890.52	53143766.25	53143766.25
6500.03-02	RB2003	105206.94	2630.17	2630.17	17714588.75	17714588.75
6500.03-02	RB2003	315620.83	7890.52	7890.52	53143766.25	53143766.25
6500.03-02	RB2003	105206.94	2630.17	2630.17	17714588.75	17714588.75
6500.03-02	RB2003	420827.77	10520.69	10520.69	70858355.00	70858355.00
6500.03-02	RB2003	841655.54	21041.39	21041.39	141716710.01	141716710.01
6500.03-02	RB2003	210413.89	5260.35	5260.35	35429177.50	35429177.50
6500.03-02	RB2003	105206.94	2630.17	2630.17	17714588.75	17714588.75
6500.03-02	RB2003	420827.77	5260.35	10520.69	70858355.00	70858355.00
6500.03-02	RB2003	8100934.58	202523.36	202523.36	1364023333.80	1364023333.80
6500.03-02	RB2003	12835247.00	320881.17	320881.17	2161179827.58	2161179827.58
6500.03-02	RB2003	420827.77	10520.69	10520.69	70858355.00	70858355.00
6500.03-02	RB2003	105206.94	2630.17	2630.17	17714588.75	17714588.75
6500.03-02	RB2003	105206.94	2630.17	2630.17	17714588.75	17714588.75
6500.03-02	RB2003	420827.77	10520.69	10520.69	70858355.00	70858355.00

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6500.03-02	RB2003	Unknown centrales sp.	Bacillariophyceae	Centrales	0
6500.03-02	RB2003	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-03	RB2007	Achnantheidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-03	RB2007	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-03	RB2007	Campylodiscus sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-03	RB2007	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-03	RB2007	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-03	RB2007	Cylindrotheca spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-03	RB2007	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-03	RB2007	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-03	RB2007	Didymosphenia sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-03	RB2007	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-03	RB2007	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-03	RB2007	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-03	RB2007	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-03	RB2007	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-03	RB2007	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-03	RB2007	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-03	RB2007	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-03	RB2007	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-03	RB2007	Unknown centrales sp.	Bacillariophyceae	Centrales	0
6500.03-03	RB2007	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-04	RB2009	Achnantheidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-04	RB2009	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-04	RB2009	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-04	RB2009	Campylodiscus sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-04	RB2009	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-04	RB2009	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-04	RB2009	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-04	RB2009	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-04	RB2009	Diploneis sp.	Bacillariophyceae	Pennales	Diploneidaceae
6500.03-04	RB2009	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-04	RB2009	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-04	RB2009	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-04	RB2009	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-04	RB2009	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-04	RB2009	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-04	RB2009	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-04	RB2009	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-04	RB2009	Stephanopyxis sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-04	RB2009	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-04	RB2009	Unknown centrales sp.	Bacillariophyceae	Centrales	0
6500.03-04	RB2009	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-05	RB2011	Achnantheidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae

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6500.03-02	RB2003	0	0	0	2	1.00	2	210413.89
6500.03-02	RB2003	0	0	0	15	1.00	15	1578104.14
6500.03-03	RB2007	Achnantheidium	sp.	Kützing	9	1.00	9	2188213.51
6500.03-03	RB2007	Amphora	spp.	0	4	1.00	4	972539.34
6500.03-03	RB2007	Campylodiscus	sp.	0	1	1.00	1	243134.83
6500.03-03	RB2007	Cocconeis	spp.	0	3	1.00	3	729404.50
6500.03-03	RB2007	Cyclotella	sp.	0	1	1.00	1	243134.83
6500.03-03	RB2007	Cylindrotheca	spp.	0	1	1.00	1	243134.83
6500.03-03	RB2007	Cymbella	sp.	0	6	1.00	6	1458809.01
6500.03-03	RB2007	Delphineis/Rhaphoneis	0	0	6	1.00	6	1458809.01
6500.03-03	RB2007	Didymosphenia	sp.	0	1	1.00	1	243134.83
6500.03-03	RB2007	Entomoneis	sp.	0	1	1.00	1	243134.83
6500.03-03	RB2007	Eunotia	spp.	0	5	1.00	5	1215674.17
6500.03-03	RB2007	Frustulia	sp.	0	1	1.00	1	243134.83
6500.03-03	RB2007	Gomphonema	sp.	0	2	1.00	2	486269.67
6500.03-03	RB2007	Navicula	spp.	0	66	1.00	66	16046899.11
6500.03-03	RB2007	Nitzschia	spp.	0	160	1.00	160	38901573.59
6500.03-03	RB2007	Pleurosigma	spp.	0	1	1.00	1	243134.83
6500.03-03	RB2007	Surirella	sp.	0	1	1.00	1	243134.83
6500.03-03	RB2007	Tryblionella	sp.	0	3	1.00	3	729404.50
6500.03-03	RB2007	0	0	0	4	1.25	5	972539.34
6500.03-03	RB2007	0	0	0	27	1.11	30	6564640.54
6500.03-04	RB2009	Achnantheidium	sp.	Kützing	15	1.00	15	5447004.61
6500.03-04	RB2009	Amphora	spp.	0	2	1.00	2	726267.28
6500.03-04	RB2009	Bacillaria	sp.	0	1	1.00	1	363133.64
6500.03-04	RB2009	Campylodiscus	sp.	0	2	1.00	2	726267.28
6500.03-04	RB2009	Cocconeis	spp.	0	1	1.00	1	363133.64
6500.03-04	RB2009	Cyclotella	sp.	0	1	1.00	1	363133.64
6500.03-04	RB2009	Cymbella	sp.	0	5	1.00	5	1815668.20
6500.03-04	RB2009	Delphineis/Rhaphoneis	0	0	19	1.00	19	6899539.17
6500.03-04	RB2009	Diploneis	sp.	0	5	1.00	5	1815668.20
6500.03-04	RB2009	Entomoneis	sp.	0	1	1.00	1	363133.64
6500.03-04	RB2009	Eunotia	spp.	0	7	1.00	7	2541935.48
6500.03-04	RB2009	Fragilaria	sp.	0	1	1.00	1	363133.64
6500.03-04	RB2009	Frustulia	sp.	0	4	1.00	4	1452534.56
6500.03-04	RB2009	Gomphonema	sp.	0	1	1.00	1	363133.64
6500.03-04	RB2009	Navicula	spp.	0	66	1.00	66	23966820.28
6500.03-04	RB2009	Nitzschia	spp.	0	136	1.00	136	49386175.12
6500.03-04	RB2009	Pleurosigma	spp.	0	4	1.00	4	1452534.56
6500.03-04	RB2009	Stephanopyxis	sp.	(Ehrenberg) Ehrenberg	1	1.00	1	363133.64
6500.03-04	RB2009	Surirella	sp.	0	1	1.00	1	363133.64
6500.03-04	RB2009	0	0	0	3	1.00	3	1089400.92
6500.03-04	RB2009	0	0	0	26	1.08	28	9441474.65
6500.03-05	RB2011	Achnantheidium	sp.	Kützing	11	1.00	11	1407142.86

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6500.03-02	RB2003	210413.89	5260.35	5260.35	35429177.50	35429177.50
6500.03-02	RB2003	1578104.14	39452.60	39452.60	265718831.26	265718831.26
6500.03-03	RB2007	2188213.51	59140.91	59140.91	368448141.83	368448141.83
6500.03-03	RB2007	972539.34	26284.85	26284.85	163754729.70	163754729.70
6500.03-03	RB2007	243134.83	6571.21	6571.21	40938682.43	40938682.43
6500.03-03	RB2007	729404.50	19713.64	19713.64	122816047.28	122816047.28
6500.03-03	RB2007	243134.83	6571.21	6571.21	40938682.43	40938682.43
6500.03-03	RB2007	243134.83	6571.21	6571.21	40938682.43	40938682.43
6500.03-03	RB2007	1458809.01	39427.27	39427.27	245632094.56	245632094.56
6500.03-03	RB2007	1458809.01	39427.27	39427.27	245632094.56	245632094.56
6500.03-03	RB2007	243134.83	6571.21	6571.21	40938682.43	40938682.43
6500.03-03	RB2007	243134.83	6571.21	6571.21	40938682.43	40938682.43
6500.03-03	RB2007	1215674.17	32856.06	32856.06	204693412.13	204693412.13
6500.03-03	RB2007	243134.83	6571.21	6571.21	40938682.43	40938682.43
6500.03-03	RB2007	486269.67	13142.42	13142.42	81877364.85	81877364.85
6500.03-03	RB2007	16046899.11	433699.98	433699.98	2701953040.11	2701953040.11
6500.03-03	RB2007	38901573.59	1051393.88	1051393.88	6550189188.15	6550189188.15
6500.03-03	RB2007	243134.83	6571.21	6571.21	40938682.43	40938682.43
6500.03-03	RB2007	243134.83	6571.21	6571.21	40938682.43	40938682.43
6500.03-03	RB2007	729404.50	19713.64	19713.64	122816047.28	122816047.28
6500.03-03	RB2007	1215674.17	26284.85	26284.85	204693412.13	204693412.13
6500.03-03	RB2007	7294045.05	177422.72	197136.35	1228160472.78	1228160472.78
6500.03-04	RB2009	5447004.61	151305.68	151305.68	917158546.61	917158546.61
6500.03-04	RB2009	726267.28	20174.09	20174.09	122287806.21	122287806.21
6500.03-04	RB2009	363133.64	10087.05	10087.05	61143903.11	61143903.11
6500.03-04	RB2009	726267.28	20174.09	20174.09	122287806.21	122287806.21
6500.03-04	RB2009	363133.64	10087.05	10087.05	61143903.11	61143903.11
6500.03-04	RB2009	363133.64	10087.05	10087.05	61143903.11	61143903.11
6500.03-04	RB2009	1815668.20	50435.23	50435.23	305719515.54	305719515.54
6500.03-04	RB2009	6899539.17	191653.87	191653.87	1161734159.03	1161734159.03
6500.03-04	RB2009	1815668.20	50435.23	50435.23	305719515.54	305719515.54
6500.03-04	RB2009	363133.64	10087.05	10087.05	61143903.11	61143903.11
6500.03-04	RB2009	2541935.48	70609.32	70609.32	428007321.75	428007321.75
6500.03-04	RB2009	363133.64	10087.05	10087.05	61143903.11	61143903.11
6500.03-04	RB2009	1452534.56	40348.18	40348.18	244575612.43	244575612.43
6500.03-04	RB2009	363133.64	10087.05	10087.05	61143903.11	61143903.11
6500.03-04	RB2009	23966820.28	665745.01	665745.01	4035497605.07	4035497605.07
6500.03-04	RB2009	49386175.12	1371838.20	1371838.20	8315570822.56	8315570822.56
6500.03-04	RB2009	1452534.56	40348.18	40348.18	244575612.43	244575612.43
6500.03-04	RB2009	363133.64	10087.05	10087.05	61143903.11	61143903.11
6500.03-04	RB2009	363133.64	10087.05	10087.05	61143903.11	61143903.11
6500.03-04	RB2009	1089400.92	30261.14	30261.14	183431709.32	183431709.32
6500.03-04	RB2009	10167741.94	262263.18	282437.28	1712029287.00	1712029287.00
6500.03-05	RB2011	1407142.86	38030.89	38030.89	236932624.54	236932624.54

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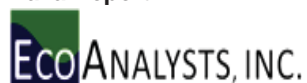
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6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-05	RB2011	1:12	Biofilm	1-Feb-14	59.39	37	0.00078%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%
6500.03-06	RB2013	1:35	Biofilm	1-Feb-14	59.39	42	0.00060%

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6500.03-05	RB2011	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-05	RB2011	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-05	RB2011	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-05	RB2011	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-05	RB2011	Cylindrotheca spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-05	RB2011	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-05	RB2011	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-05	RB2011	Diatoma sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-05	RB2011	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-05	RB2011	Eunotia sp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-05	RB2011	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-05	RB2011	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-05	RB2011	Gomphoneis sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-05	RB2011	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-05	RB2011	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-05	RB2011	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-05	RB2011	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-05	RB2011	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-05	RB2011	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-05	RB2011	Unknown centrales sp.	Bacillariophyceae	Centrales	0
6500.03-05	RB2011	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-06	RB2013	Achnanthidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-06	RB2013	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-06	RB2013	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-06	RB2013	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-06	RB2013	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-06	RB2013	Cylindrotheca spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-06	RB2013	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-06	RB2013	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-06	RB2013	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-06	RB2013	Eunotia sp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-06	RB2013	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-06	RB2013	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-06	RB2013	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-06	RB2013	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-06	RB2013	Gyrodinium sp.	Dinophyceae	Gymnodiniales	Gymnodiniaceae
6500.03-06	RB2013	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-06	RB2013	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-06	RB2013	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-06	RB2013	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-06	RB2013	Pyramimonas sp.	Chlorophyceae	Volvocales	Prasinophyceae
6500.03-06	RB2013	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-06	RB2013	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-06	RB2013	Unknown pennales sp.	Bacillariophyceae	Pennales	0

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6500.03-05	RB2011	Amphora	spp.	0	25	1.12	28	3198051.95
6500.03-05	RB2011	Bacillaria	sp.	0	1	1.00	1	127922.08
6500.03-05	RB2011	Cocconeis	spp.	0	2	1.00	2	255844.16
6500.03-05	RB2011	Cyclotella	sp.	0	3	1.00	3	383766.23
6500.03-05	RB2011	Cylindrotheca	spp.	0	1	1.00	1	127922.08
6500.03-05	RB2011	Cymbella	sp.	0	1	1.00	1	127922.08
6500.03-05	RB2011	Delphineis/Rhaphoneis	0	0	9	1.00	9	1151298.70
6500.03-05	RB2011	Diatoma	sp.	0	1	1.00	1	127922.08
6500.03-05	RB2011	Entomoneis	sp.	0	2	1.00	2	255844.16
6500.03-05	RB2011	Eunotia	sp.	0	1	1.00	1	127922.08
6500.03-05	RB2011	Eunotia	spp.	0	2	1.00	2	255844.16
6500.03-05	RB2011	Frustulia	sp.	0	8	1.00	8	1023376.62
6500.03-05	RB2011	Gomphonema	sp.	0	1	1.00	1	127922.08
6500.03-05	RB2011	Gomphonema	sp.	0	2	1.00	2	255844.16
6500.03-05	RB2011	Navicula	spp.	0	51	1.00	51	6524025.97
6500.03-05	RB2011	Nitzschia	spp.	0	133	1.00	133	17013636.36
6500.03-05	RB2011	Pleurosigma	spp.	0	4	1.00	4	511688.31
6500.03-05	RB2011	Surirella	sp.	0	2	1.00	2	255844.16
6500.03-05	RB2011	Tryblionella	sp.	0	1	1.00	1	127922.08
6500.03-05	RB2011	0	0	0	3	1.00	3	383766.23
6500.03-05	RB2011	0	0	0	41	1.07	44	5244805.19
6500.03-06	RB2013	Achnanthidium	sp.	Kützing	7	1.00	7	1167407.41
6500.03-06	RB2013	Amphora	spp.	0	23	1.00	23	3835767.20
6500.03-06	RB2013	Bacillaria	sp.	0	1	1.00	1	166772.49
6500.03-06	RB2013	Cocconeis	spp.	0	1	1.00	1	166772.49
6500.03-06	RB2013	Cyclotella	sp.	0	2	1.00	2	333544.97
6500.03-06	RB2013	Cylindrotheca	spp.	0	2	1.00	2	333544.97
6500.03-06	RB2013	Cymbella	sp.	0	2	1.00	2	333544.97
6500.03-06	RB2013	Delphineis/Rhaphoneis	0	0	8	1.00	8	1334179.89
6500.03-06	RB2013	Entomoneis	sp.	0	2	1.00	2	333544.97
6500.03-06	RB2013	Eunotia	sp.	0	2	1.00	2	333544.97
6500.03-06	RB2013	Eunotia	spp.	0	1	1.00	1	166772.49
6500.03-06	RB2013	Fragilaria	sp.	0	1	1.00	1	166772.49
6500.03-06	RB2013	Frustulia	sp.	0	4	1.00	4	667089.95
6500.03-06	RB2013	Gomphonema	sp.	0	2	1.00	2	333544.97
6500.03-06	RB2013	Gyrodinium	sp.	0	1	1.00	1	166772.49
6500.03-06	RB2013	Melosira	sp.	0	1	1.00	1	166772.49
6500.03-06	RB2013	Navicula	spp.	0	61	1.00	61	10173121.69
6500.03-06	RB2013	Nitzschia	spp.	0	124	1.00	124	20679788.36
6500.03-06	RB2013	Pleurosigma	spp.	0	3	1.00	3	500317.46
6500.03-06	RB2013	Pyramimonas	sp.	0	1	1.00	1	166772.49
6500.03-06	RB2013	Surirella	sp.	0	1	1.00	1	166772.49
6500.03-06	RB2013	Tryblionella	sp.	0	3	1.00	3	500317.46
6500.03-06	RB2013	0	0	0	47	1.04	49	7838306.88

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6500.03-05	RB2011	3581818.18	86433.84	96805.90	603101226.10	603101226.10
6500.03-05	RB2011	127922.08	3457.35	3457.35	21539329.50	21539329.50
6500.03-05	RB2011	255844.16	6914.71	6914.71	43078659.01	43078659.01
6500.03-05	RB2011	383766.23	10372.06	10372.06	64617988.51	64617988.51
6500.03-05	RB2011	127922.08	3457.35	3457.35	21539329.50	21539329.50
6500.03-05	RB2011	127922.08	3457.35	3457.35	21539329.50	21539329.50
6500.03-05	RB2011	1151298.70	31116.18	31116.18	193853965.53	193853965.53
6500.03-05	RB2011	127922.08	3457.35	3457.35	21539329.50	21539329.50
6500.03-05	RB2011	255844.16	6914.71	6914.71	43078659.01	43078659.01
6500.03-05	RB2011	127922.08	3457.35	3457.35	21539329.50	21539329.50
6500.03-05	RB2011	255844.16	6914.71	6914.71	43078659.01	43078659.01
6500.03-05	RB2011	1023376.62	27658.83	27658.83	172314636.03	172314636.03
6500.03-05	RB2011	127922.08	3457.35	3457.35	21539329.50	21539329.50
6500.03-05	RB2011	255844.16	6914.71	6914.71	43078659.01	43078659.01
6500.03-05	RB2011	6524025.97	176325.03	176325.03	1098505804.69	1098505804.69
6500.03-05	RB2011	17013636.36	459828.01	459828.01	2864730823.98	2864730823.98
6500.03-05	RB2011	511688.31	13829.41	13829.41	86157318.01	86157318.01
6500.03-05	RB2011	255844.16	6914.71	6914.71	43078659.01	43078659.01
6500.03-05	RB2011	127922.08	3457.35	3457.35	21539329.50	21539329.50
6500.03-05	RB2011	383766.23	10372.06	10372.06	64617988.51	64617988.51
6500.03-05	RB2011	5628571.43	141751.49	152123.55	947730498.16	947730498.16
6500.03-06	RB2013	1167407.41	27795.41	27795.41	196566325.54	196566325.54
6500.03-06	RB2013	3835767.20	91327.79	91327.79	645860783.93	645860783.93
6500.03-06	RB2013	166772.49	3970.77	3970.77	28080903.65	28080903.65
6500.03-06	RB2013	166772.49	3970.77	3970.77	28080903.65	28080903.65
6500.03-06	RB2013	333544.97	7941.55	7941.55	56161807.30	56161807.30
6500.03-06	RB2013	333544.97	7941.55	7941.55	56161807.30	56161807.30
6500.03-06	RB2013	333544.97	7941.55	7941.55	56161807.30	56161807.30
6500.03-06	RB2013	1334179.89	31766.19	31766.19	224647229.19	224647229.19
6500.03-06	RB2013	333544.97	7941.55	7941.55	56161807.30	56161807.30
6500.03-06	RB2013	333544.97	7941.55	7941.55	56161807.30	56161807.30
6500.03-06	RB2013	166772.49	3970.77	3970.77	28080903.65	28080903.65
6500.03-06	RB2013	166772.49	3970.77	3970.77	28080903.65	28080903.65
6500.03-06	RB2013	667089.95	15883.09	15883.09	112323614.60	112323614.60
6500.03-06	RB2013	333544.97	7941.55	7941.55	56161807.30	56161807.30
6500.03-06	RB2013	166772.49	3970.77	3970.77	28080903.65	28080903.65
6500.03-06	RB2013	166772.49	3970.77	3970.77	28080903.65	28080903.65
6500.03-06	RB2013	10173121.69	242217.18	242217.18	1712935122.60	1712935122.60
6500.03-06	RB2013	20679788.36	492375.91	492375.91	3482032052.50	3482032052.50
6500.03-06	RB2013	500317.46	11912.32	11912.32	84242710.95	84242710.95
6500.03-06	RB2013	166772.49	3970.77	3970.77	28080903.65	28080903.65
6500.03-06	RB2013	166772.49	3970.77	3970.77	28080903.65	28080903.65
6500.03-06	RB2013	500317.46	11912.32	11912.32	84242710.95	84242710.95
6500.03-06	RB2013	8171851.85	186626.35	186626.35	1375964278.81	1375964278.81

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6500.03-07	RB2016	Achnanthydium sp.	Bacillariophyceae	Pennales	Achnanthydiaceae
6500.03-07	RB2016	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-07	RB2016	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-07	RB2016	Campylodiscus sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-07	RB2016	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-07	RB2016	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-07	RB2016	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-07	RB2016	Diploneis sp.	Bacillariophyceae	Pennales	Diploneidaceae
6500.03-07	RB2016	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-07	RB2016	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-07	RB2016	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-07	RB2016	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-07	RB2016	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-07	RB2016	Gyrodinium sp.	Dinophyceae	Gymnodiniales	Gymnodiniaceae
6500.03-07	RB2016	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-07	RB2016	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-07	RB2016	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-07	RB2016	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-07	RB2016	Pinnularia spp.	Bacillariophyceae	Pennales	Pinnulariaceae
6500.03-07	RB2016	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-07	RB2016	Unknown centrales sp.	Bacillariophyceae	Centrales	0
6500.03-07	RB2016	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-08	RB2019	Achnanthydium sp.	Bacillariophyceae	Pennales	Achnanthydiaceae
6500.03-08	RB2019	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-08	RB2019	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-08	RB2019	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-08	RB2019	Diploneis sp.	Bacillariophyceae	Pennales	Diploneidaceae
6500.03-08	RB2019	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-08	RB2019	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-08	RB2019	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-08	RB2019	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-08	RB2019	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-08	RB2019	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-08	RB2019	Rhodomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-08	RB2019	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-08	RB2019	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-08	RB2019	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-09	RB2020	Achnanthydium sp.	Bacillariophyceae	Pennales	Achnanthydiaceae
6500.03-09	RB2020	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-09	RB2020	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-09	RB2020	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-09	RB2020	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-09	RB2020	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-09	RB2020	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae

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6500.03-07	RB2016	Achnantheidium	sp.	Kützing	9	1.00	9	1066466.17
6500.03-07	RB2016	Amphora	spp.	0	27	1.04	28	3199398.50
6500.03-07	RB2016	Bacillaria	sp.	0	1	1.00	1	118496.24
6500.03-07	RB2016	Campylodiscus	sp.	0	1	1.00	1	118496.24
6500.03-07	RB2016	Cocconeis	spp.	0	5	1.00	5	592481.20
6500.03-07	RB2016	Cyclotella	sp.	0	6	1.00	6	710977.44
6500.03-07	RB2016	Delphineis/Rhaphoneis	0	0	6	1.00	6	710977.44
6500.03-07	RB2016	Diploneis	sp.	0	4	1.00	4	473984.96
6500.03-07	RB2016	Entomoneis	sp.	0	1	1.00	1	118496.24
6500.03-07	RB2016	Eunotia	spp.	0	3	1.00	3	355488.72
6500.03-07	RB2016	Fragilaria	sp.	0	1	2.00	2	118496.24
6500.03-07	RB2016	Frustulia	sp.	0	2	1.00	2	236992.48
6500.03-07	RB2016	Gomphonema	sp.	0	5	1.00	5	592481.20
6500.03-07	RB2016	Gyrodinium	sp.	0	2	1.00	2	236992.48
6500.03-07	RB2016	Gyrosigma	sp.	0	1	1.00	1	118496.24
6500.03-07	RB2016	Melosira	sp.	0	2	3.50	7	236992.48
6500.03-07	RB2016	Navicula	spp.	0	73	1.00	73	8650225.56
6500.03-07	RB2016	Nitzschia	spp.	0	85	1.01	86	10072180.45
6500.03-07	RB2016	Pinnularia	spp.	0	1	1.00	1	118496.24
6500.03-07	RB2016	Surirella	sp.	0	1	1.00	1	118496.24
6500.03-07	RB2016	0	0	0	3	1.00	3	355488.72
6500.03-07	RB2016	0	0	0	65	1.00	65	7702255.64
6500.03-08	RB2019	Achnantheidium	sp.	Kützing	26	1.00	26	1283709.27
6500.03-08	RB2019	Amphora	spp.	0	14	1.00	14	691228.07
6500.03-08	RB2019	Bacillaria	sp.	0	2	0.50	1	98746.87
6500.03-08	RB2019	Delphineis/Rhaphoneis	0	0	49	1.00	49	2419298.25
6500.03-08	RB2019	Diploneis	sp.	0	7	1.00	7	345614.04
6500.03-08	RB2019	Eunotia	spp.	0	4	1.00	4	197493.73
6500.03-08	RB2019	Gomphonema	sp.	0	1	1.00	1	49373.43
6500.03-08	RB2019	Gyrosigma	sp.	0	2	1.00	2	98746.87
6500.03-08	RB2019	Navicula	spp.	0	100	1.00	100	4937343.36
6500.03-08	RB2019	Nitzschia	spp.	0	41	1.00	41	2024310.78
6500.03-08	RB2019	Pleurosigma	spp.	0	1	1.00	1	49373.43
6500.03-08	RB2019	Rhodomonas	sp.	0	1	1.00	1	49373.43
6500.03-08	RB2019	Surirella	sp.	0	2	1.00	2	98746.87
6500.03-08	RB2019	Tryblionella	sp.	0	3	1.00	3	148120.30
6500.03-08	RB2019	0	0	0	48	1.00	48	2369924.81
6500.03-09	RB2020	Achnantheidium	sp.	Kützing	5	1.00	5	1137085.14
6500.03-09	RB2020	Amphora	spp.	0	8	1.00	8	1819336.22
6500.03-09	RB2020	Bacillaria	sp.	0	1	1.00	1	227417.03
6500.03-09	RB2020	Cocconeis	spp.	0	3	1.00	3	682251.08
6500.03-09	RB2020	Cyclotella	sp.	0	1	1.00	1	227417.03
6500.03-09	RB2020	Delphineis/Rhaphoneis	0	0	1	1.00	1	227417.03
6500.03-09	RB2020	Entomoneis	sp.	0	4	1.00	4	909668.11

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6500.03-07	RB2016	1066466.17	28064.90	28064.90	179569989.13	179569989.13
6500.03-07	RB2016	3317894.74	84194.70	87313.02	558662188.39	558662188.39
6500.03-07	RB2016	118496.24	3118.32	3118.32	19952221.01	19952221.01
6500.03-07	RB2016	118496.24	3118.32	3118.32	19952221.01	19952221.01
6500.03-07	RB2016	592481.20	15591.61	15591.61	99761105.07	99761105.07
6500.03-07	RB2016	710977.44	18709.93	18709.93	119713326.08	119713326.08
6500.03-07	RB2016	710977.44	18709.93	18709.93	119713326.08	119713326.08
6500.03-07	RB2016	473984.96	12473.29	12473.29	79808884.06	79808884.06
6500.03-07	RB2016	118496.24	3118.32	3118.32	19952221.01	19952221.01
6500.03-07	RB2016	355488.72	9354.97	9354.97	59856663.04	59856663.04
6500.03-07	RB2016	236992.48	3118.32	6236.64	39904442.03	39904442.03
6500.03-07	RB2016	236992.48	6236.64	6236.64	39904442.03	39904442.03
6500.03-07	RB2016	592481.20	15591.61	15591.61	99761105.07	99761105.07
6500.03-07	RB2016	236992.48	6236.64	6236.64	39904442.03	39904442.03
6500.03-07	RB2016	118496.24	3118.32	3118.32	19952221.01	19952221.01
6500.03-07	RB2016	829473.68	6236.64	21828.25	139665547.10	139665547.10
6500.03-07	RB2016	8650225.56	227637.51	227637.51	1456512134.01	1456512134.01
6500.03-07	RB2016	10190676.69	265057.38	268175.70	1715891007.19	1715891007.19
6500.03-07	RB2016	118496.24	3118.32	3118.32	19952221.01	19952221.01
6500.03-07	RB2016	118496.24	3118.32	3118.32	19952221.01	19952221.01
6500.03-07	RB2016	355488.72	9354.97	9354.97	59856663.04	59856663.04
6500.03-07	RB2016	7702255.64	202690.94	202690.94	1296894365.90	1296894365.90
6500.03-08	RB2019	1283709.27	34694.85	34694.85	216149060.98	216149060.98
6500.03-08	RB2019	691228.07	18681.84	18681.84	116387955.91	116387955.91
6500.03-08	RB2019	49373.43	2668.83	1334.42	8313425.42	8313425.42
6500.03-08	RB2019	2419298.25	65386.44	65386.44	407357845.70	407357845.70
6500.03-08	RB2019	345614.04	9340.92	9340.92	58193977.96	58193977.96
6500.03-08	RB2019	197493.73	5337.67	5337.67	33253701.69	33253701.69
6500.03-08	RB2019	49373.43	1334.42	1334.42	8313425.42	8313425.42
6500.03-08	RB2019	98746.87	2668.83	2668.83	16626850.84	16626850.84
6500.03-08	RB2019	4937343.36	133441.71	133441.71	831342542.25	831342542.25
6500.03-08	RB2019	2024310.78	54711.10	54711.10	340850442.32	340850442.32
6500.03-08	RB2019	49373.43	1334.42	1334.42	8313425.42	8313425.42
6500.03-08	RB2019	49373.43	1334.42	1334.42	8313425.42	8313425.42
6500.03-08	RB2019	98746.87	2668.83	2668.83	16626850.84	16626850.84
6500.03-08	RB2019	148120.30	4003.25	4003.25	24940276.27	24940276.27
6500.03-08	RB2019	2369924.81	64052.02	64052.02	399044420.28	399044420.28
6500.03-09	RB2020	1137085.14	27073.46	27073.46	191460706.70	191460706.70
6500.03-09	RB2020	1819336.22	43317.53	43317.53	306337130.72	306337130.72
6500.03-09	RB2020	227417.03	5414.69	5414.69	38292141.34	38292141.34
6500.03-09	RB2020	682251.08	16244.07	16244.07	114876424.02	114876424.02
6500.03-09	RB2020	227417.03	5414.69	5414.69	38292141.34	38292141.34
6500.03-09	RB2020	227417.03	5414.69	5414.69	38292141.34	38292141.34
6500.03-09	RB2020	909668.11	21658.76	21658.76	153168565.36	153168565.36

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6500.03-09	RB2020	12:50	Biofilm	2-Feb-14	59.39	42	0.00044%
6500.03-09	RB2020	12:50	Biofilm	2-Feb-14	59.39	42	0.00044%
6500.03-09	RB2020	12:50	Biofilm	2-Feb-14	59.39	42	0.00044%
6500.03-09	RB2020	12:50	Biofilm	2-Feb-14	59.39	42	0.00044%
6500.03-09	RB2020	12:50	Biofilm	2-Feb-14	59.39	42	0.00044%
6500.03-09	RB2020	12:50	Biofilm	2-Feb-14	59.39	42	0.00044%
6500.03-09	RB2020	12:50	Biofilm	2-Feb-14	59.39	42	0.00044%
6500.03-09	RB2020	12:50	Biofilm	2-Feb-14	59.39	42	0.00044%
6500.03-09	RB2020	12:50	Biofilm	2-Feb-14	59.39	42	0.00044%
6500.03-09	RB2020	12:50	Biofilm	2-Feb-14	59.39	42	0.00044%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-10	RB2022	10:50	Biofilm	1-Feb-14	59.39	34	0.00048%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%
6500.03-11	RB2024	12:15	Biofilm	1-Feb-14	59.39	41	0.00084%

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6500.03-09	RB2020	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-09	RB2020	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-09	RB2020	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-09	RB2020	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-09	RB2020	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-09	RB2020	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-09	RB2020	Pyramimonas sp.	Chlorophyceae	Volvocales	Prasinophyceae
6500.03-09	RB2020	Stephanopyxis sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-09	RB2020	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-09	RB2020	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-09	RB2020	Unknown centrales sp.	Bacillariophyceae	Centrales	0
6500.03-09	RB2020	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-10	RB2022	Achnanthydium sp.	Bacillariophyceae	Pennales	Achnanthydiaceae
6500.03-10	RB2022	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-10	RB2022	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-10	RB2022	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-10	RB2022	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-10	RB2022	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-10	RB2022	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-10	RB2022	Eunotia sp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-10	RB2022	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-10	RB2022	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-10	RB2022	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-10	RB2022	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-10	RB2022	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-10	RB2022	Trachelomonas sp.	Euglenophyceae	Euglenales	Euglenaceae
6500.03-10	RB2022	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-10	RB2022	Unknown centrales sp.	Bacillariophyceae	Centrales	0
6500.03-11	RB2024	Achnanthydium sp.	Bacillariophyceae	Pennales	Achnanthydiaceae
6500.03-11	RB2024	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-11	RB2024	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-11	RB2024	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-11	RB2024	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-11	RB2024	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-11	RB2024	Eunotia sp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-11	RB2024	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-11	RB2024	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-11	RB2024	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-11	RB2024	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-11	RB2024	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-11	RB2024	Paralia sp.	Bacillariophyceae	Centrales	Paraliaceae
6500.03-11	RB2024	Pinnularia spp.	Bacillariophyceae	Pennales	Pinnulariaceae
6500.03-11	RB2024	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-11	RB2024	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae

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6500.03-09	RB2020	Frustulia	sp.	0	3	1.00	3	682251.08
6500.03-09	RB2020	Gomphonema	sp.	0	1	1.00	1	227417.03
6500.03-09	RB2020	Melosira	sp.	0	3	1.67	5	682251.08
6500.03-09	RB2020	Navicula	spp.	0	67	1.00	67	15236940.84
6500.03-09	RB2020	Nitzschia	spp.	0	126	1.00	126	28654545.45
6500.03-09	RB2020	Pleurosigma	spp.	0	2	1.00	2	454834.05
6500.03-09	RB2020	Pyramimonas	sp.	0	1	1.00	1	227417.03
6500.03-09	RB2020	Stephanopyxis	sp.	(Ehrenberg) Ehrenberg	1	2.00	2	227417.03
6500.03-09	RB2020	Surirella	sp.	0	8	1.00	8	1819336.22
6500.03-09	RB2020	Tryblionella	sp.	0	3	1.00	3	682251.08
6500.03-09	RB2020	0	0	0	5	1.00	5	1137085.14
6500.03-09	RB2020	0	0	0	63	1.05	66	14327272.73
6500.03-10	RB2022	Achnanthydium	sp.	Kützing	13	1.00	13	2710052.91
6500.03-10	RB2022	Amphora	spp.	0	48	1.00	48	10006349.21
6500.03-10	RB2022	Chroomonas	sp.	0	1	1.00	1	208465.61
6500.03-10	RB2022	Cocconeis	spp.	0	2	1.00	2	416931.22
6500.03-10	RB2022	Cyclotella	sp.	0	3	1.00	3	625396.83
6500.03-10	RB2022	Cymbella	sp.	0	15	1.00	15	3126984.13
6500.03-10	RB2022	Delphineis/Rhaphoneis	0	0	3	1.00	3	625396.83
6500.03-10	RB2022	Eunotia	sp.	0	5	1.00	5	1042328.04
6500.03-10	RB2022	Fragilaria	sp.	0	1	1.00	1	208465.61
6500.03-10	RB2022	Frustulia	sp.	0	1	1.00	1	208465.61
6500.03-10	RB2022	Gomphonema	sp.	0	1	1.00	1	208465.61
6500.03-10	RB2022	Navicula	spp.	0	71	1.00	71	14801058.20
6500.03-10	RB2022	Nitzschia	spp.	0	78	1.00	78	16260317.46
6500.03-10	RB2022	Trachelomonas	sp.	0	1	1.00	1	208465.61
6500.03-10	RB2022	Tryblionella	sp.	0	2	1.00	2	416931.22
6500.03-10	RB2022	0	0	0	55	1.16	64	11465608.47
6500.03-11	RB2024	Achnanthydium	sp.	Kützing	13	1.00	13	1540451.13
6500.03-11	RB2024	Amphora	spp.	0	40	1.13	45	4739849.62
6500.03-11	RB2024	Cocconeis	spp.	0	11	1.00	11	1303458.65
6500.03-11	RB2024	Cyclotella	sp.	0	2	1.00	2	236992.48
6500.03-11	RB2024	Cymbella	sp.	0	19	1.00	19	2251428.57
6500.03-11	RB2024	Delphineis/Rhaphoneis	0	0	1	1.00	1	118496.24
6500.03-11	RB2024	Eunotia	sp.	0	4	1.00	4	473984.96
6500.03-11	RB2024	Eunotia	spp.	0	3	1.00	3	355488.72
6500.03-11	RB2024	Frustulia	sp.	0	2	1.00	2	236992.48
6500.03-11	RB2024	Gomphonema	sp.	0	1	1.00	1	118496.24
6500.03-11	RB2024	Navicula	spp.	0	90	1.00	90	10664661.65
6500.03-11	RB2024	Nitzschia	spp.	0	38	1.00	38	4502857.14
6500.03-11	RB2024	Paralia	sp.	0	3	5.33	16	355488.72
6500.03-11	RB2024	Pinnularia	spp.	0	1	1.00	1	118496.24
6500.03-11	RB2024	Pleurosigma	spp.	0	3	1.00	3	355488.72
6500.03-11	RB2024	Surirella	sp.	0	2	1.00	2	236992.48

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6500.03-09	RB2020	682251.08	16244.07	16244.07	114876424.02	114876424.02
6500.03-09	RB2020	227417.03	5414.69	5414.69	38292141.34	38292141.34
6500.03-09	RB2020	1137085.14	16244.07	27073.46	191460706.70	191460706.70
6500.03-09	RB2020	15236940.84	362784.31	362784.31	2565573469.77	2565573469.77
6500.03-09	RB2020	28654545.45	682251.08	682251.08	4824809808.81	4824809808.81
6500.03-09	RB2020	454834.05	10829.38	10829.38	76584282.68	76584282.68
6500.03-09	RB2020	227417.03	5414.69	5414.69	38292141.34	38292141.34
6500.03-09	RB2020	454834.05	5414.69	10829.38	76584282.68	76584282.68
6500.03-09	RB2020	1819336.22	43317.53	43317.53	306337130.72	306337130.72
6500.03-09	RB2020	682251.08	16244.07	16244.07	114876424.02	114876424.02
6500.03-09	RB2020	1137085.14	27073.46	27073.46	191460706.70	191460706.70
6500.03-09	RB2020	15009523.81	341125.54	357369.61	2527281328.43	2527281328.43
6500.03-10	RB2022	2710052.91	79707.44	79707.44	456314684.30	456314684.30
6500.03-10	RB2022	10006349.21	294304.39	294304.39	1684854218.95	1684854218.95
6500.03-10	RB2022	208465.61	6131.34	6131.34	35101129.56	35101129.56
6500.03-10	RB2022	416931.22	12262.68	12262.68	70202259.12	70202259.12
6500.03-10	RB2022	625396.83	18394.02	18394.02	105303388.68	105303388.68
6500.03-10	RB2022	3126984.13	91970.12	91970.12	526516943.42	526516943.42
6500.03-10	RB2022	625396.83	18394.02	18394.02	105303388.68	105303388.68
6500.03-10	RB2022	1042328.04	30656.71	30656.71	175505647.81	175505647.81
6500.03-10	RB2022	208465.61	6131.34	6131.34	35101129.56	35101129.56
6500.03-10	RB2022	208465.61	6131.34	6131.34	35101129.56	35101129.56
6500.03-10	RB2022	208465.61	6131.34	6131.34	35101129.56	35101129.56
6500.03-10	RB2022	14801058.20	435325.24	435325.24	2492180198.86	2492180198.86
6500.03-10	RB2022	16260317.46	478244.63	478244.63	2737888105.80	2737888105.80
6500.03-10	RB2022	208465.61	6131.34	6131.34	35101129.56	35101129.56
6500.03-10	RB2022	416931.22	12262.68	12262.68	70202259.12	70202259.12
6500.03-10	RB2022	13341798.94	337223.78	392405.85	2246472291.93	2246472291.93
6500.03-11	RB2024	1540451.13	37571.98	37571.98	259378873.18	259378873.18
6500.03-11	RB2024	5332330.83	115606.09	130056.85	897849945.63	897849945.63
6500.03-11	RB2024	1303458.65	31791.67	31791.67	219474431.15	219474431.15
6500.03-11	RB2024	236992.48	5780.30	5780.30	39904442.03	39904442.03
6500.03-11	RB2024	2251428.57	54912.89	54912.89	379092199.26	379092199.26
6500.03-11	RB2024	118496.24	2890.15	2890.15	19952221.01	19952221.01
6500.03-11	RB2024	473984.96	11560.61	11560.61	79808884.06	79808884.06
6500.03-11	RB2024	355488.72	8670.46	8670.46	59856663.04	59856663.04
6500.03-11	RB2024	236992.48	5780.30	5780.30	39904442.03	39904442.03
6500.03-11	RB2024	118496.24	2890.15	2890.15	19952221.01	19952221.01
6500.03-11	RB2024	10664661.65	260113.70	260113.70	1795699891.25	1795699891.25
6500.03-11	RB2024	4502857.14	109825.78	109825.78	758184398.53	758184398.53
6500.03-11	RB2024	1895939.85	8670.46	46242.44	319235536.22	319235536.22
6500.03-11	RB2024	118496.24	2890.15	2890.15	19952221.01	19952221.01
6500.03-11	RB2024	355488.72	8670.46	8670.46	59856663.04	59856663.04
6500.03-11	RB2024	236992.48	5780.30	39904442.03	39904442.03	39904442.03

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6500.03-11	RB2024	Trachelomonas sp.	Euglenophyceae	Euglenales	Euglenaceae
6500.03-11	RB2024	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-11	RB2024	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-12	RB2025	Achnantheidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-12	RB2025	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-12	RB2025	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-12	RB2025	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-12	RB2025	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-12	RB2025	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-12	RB2025	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-12	RB2025	Diatoma sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-12	RB2025	Diploneis sp.	Bacillariophyceae	Pennales	Diploneidaceae
6500.03-12	RB2025	Eunotia sp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-12	RB2025	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-12	RB2025	Frustulia sp.	Bacillariophyceae	Pennales	Amphiplauraceae
6500.03-12	RB2025	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-12	RB2025	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-12	RB2025	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-12	RB2025	Paralia sp.	Bacillariophyceae	Centrales	Paraliaceae
6500.03-12	RB2025	Pinnularia spp.	Bacillariophyceae	Pennales	Pinnulariaceae
6500.03-12	RB2025	Pyramimonas sp.	Chlorophyceae	Volvocales	Prasinophyceae
6500.03-12	RB2025	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-12	RB2025	Trachelomonas sp.	Euglenophyceae	Euglenales	Euglenaceae
6500.03-12	RB2025	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-12	RB2025	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-13	RB2026	Achnantheidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-13	RB2026	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-13	RB2026	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-13	RB2026	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-13	RB2026	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-13	RB2026	Cyclotella spp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-13	RB2026	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-13	RB2026	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-13	RB2026	Dunaliella sp.	Chlorophyceae	Volvocales	Chlamydomonadaceae
6500.03-13	RB2026	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-13	RB2026	Eunotia sp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-13	RB2026	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-13	RB2026	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-13	RB2026	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-13	RB2026	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-13	RB2026	Heterosigma sp.	Raphidophyceae	Chattonellales	Chattonellaceae
6500.03-13	RB2026	Leptolyngbya sp.	Myxophyceae	Oscillatoriales	Pseudanabaenaceae
6500.03-13	RB2026	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-13	RB2026	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae

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6500.03-11	RB2024	Trachelomonas	sp.	0	1	1.00	1	118496.24
6500.03-11	RB2024	Tryblionella	sp.	0	2	1.00	2	236992.48
6500.03-11	RB2024	0	0	0	65	1.00	65	7702255.64
6500.03-12	RB2025	Achnanthydium	sp.	Kützing	25	1.00	25	2364945.98
6500.03-12	RB2025	Amphora	spp.	0	57	1.05	60	5392076.83
6500.03-12	RB2025	Chroomonas	sp.	0	2	1.00	2	189195.68
6500.03-12	RB2025	Cocconeis	spp.	0	5	1.00	5	472989.20
6500.03-12	RB2025	Cyclotella	sp.	0	1	1.00	1	94597.84
6500.03-12	RB2025	Cymbella	sp.	0	19	1.00	19	1797358.94
6500.03-12	RB2025	Delphineis/Rhaphoneis	0	0	4	1.00	4	378391.36
6500.03-12	RB2025	Diatoma	sp.	0	2	1.00	2	189195.68
6500.03-12	RB2025	Diploneis	sp.	0	2	1.00	2	189195.68
6500.03-12	RB2025	Eunotia	sp.	0	7	1.00	7	662184.87
6500.03-12	RB2025	Fragilaria	sp.	0	2	1.50	3	189195.68
6500.03-12	RB2025	Frustulia	sp.	0	4	1.00	4	378391.36
6500.03-12	RB2025	Gomphonema	sp.	0	1	1.00	1	94597.84
6500.03-12	RB2025	Navicula	spp.	0	49	1.00	49	4635294.12
6500.03-12	RB2025	Nitzschia	spp.	0	36	1.00	36	3405522.21
6500.03-12	RB2025	Paralia	sp.	0	1	8.00	8	94597.84
6500.03-12	RB2025	Pinnularia	spp.	0	1	1.00	1	94597.84
6500.03-12	RB2025	Pyramimonas	sp.	0	1	1.00	1	94597.84
6500.03-12	RB2025	Surirella	sp.	0	3	1.00	3	283793.52
6500.03-12	RB2025	Trachelomonas	sp.	0	2	1.00	2	189195.68
6500.03-12	RB2025	Tryblionella	sp.	0	2	1.00	2	189195.68
6500.03-12	RB2025	0	0	0	74	1.00	74	7000240.10
6500.03-13	RB2026	Achnanthydium	sp.	Kützing	11	1.00	11	864724.66
6500.03-13	RB2026	Amphora	spp.	0	11	1.00	11	864724.66
6500.03-13	RB2026	Bacillaria	sp.	0	1	1.00	1	78611.33
6500.03-13	RB2026	Chroomonas	sp.	0	1	1.00	1	78611.33
6500.03-13	RB2026	Cocconeis	spp.	0	2	1.00	2	157222.67
6500.03-13	RB2026	Cyclotella	spp.	0	6	1.00	6	471668.00
6500.03-13	RB2026	Cymbella	sp.	0	1	1.00	1	78611.33
6500.03-13	RB2026	Delphineis/Rhaphoneis	0	0	9	1.00	9	707502.00
6500.03-13	RB2026	Dunaliella	sp.	Teodoresco	2	1.00	2	157222.67
6500.03-13	RB2026	Entomoneis	sp.	0	8	1.00	8	628890.66
6500.03-13	RB2026	Eunotia	sp.	0	2	1.00	2	157222.67
6500.03-13	RB2026	Eunotia	spp.	0	4	1.00	4	314445.33
6500.03-13	RB2026	Fragilaria	sp.	0	3	1.67	5	235834.00
6500.03-13	RB2026	Gomphonema	sp.	0	4	1.50	6	314445.33
6500.03-13	RB2026	Gyrosigma	sp.	0	3	1.00	3	235834.00
6500.03-13	RB2026	Heterosigma	sp.	0	1	1.00	1	78611.33
6500.03-13	RB2026	Leptolyngbya	sp.	0	1	12.00	12	78611.33
6500.03-13	RB2026	Navicula	spp.	0	86	1.00	86	6760574.62
6500.03-13	RB2026	Nitzschia	spp.	0	85	1.00	85	6681963.29

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6500.03-11	RB2024	118496.24	2890.15	2890.15	19952221.01	19952221.01
6500.03-11	RB2024	236992.48	5780.30	5780.30	39904442.03	39904442.03
6500.03-11	RB2024	7702255.64	187859.89	187859.89	1296894365.90	1296894365.90
6500.03-12	RB2025	2364945.98	62235.42	62235.42	398206091.66	398206091.66
6500.03-12	RB2025	5675870.35	141896.76	149365.01	955694619.99	955694619.99
6500.03-12	RB2025	189195.68	4978.83	4978.83	31856487.33	31856487.33
6500.03-12	RB2025	472989.20	12447.08	12447.08	79641218.33	79641218.33
6500.03-12	RB2025	94597.84	2489.42	2489.42	15928243.67	15928243.67
6500.03-12	RB2025	1797358.94	47298.92	47298.92	302636629.66	302636629.66
6500.03-12	RB2025	378391.36	9957.67	9957.67	63712974.67	63712974.67
6500.03-12	RB2025	189195.68	4978.83	4978.83	31856487.33	31856487.33
6500.03-12	RB2025	189195.68	4978.83	4978.83	31856487.33	31856487.33
6500.03-12	RB2025	662184.87	17425.92	17425.92	111497705.67	111497705.67
6500.03-12	RB2025	283793.52	4978.83	7468.25	47784731.00	47784731.00
6500.03-12	RB2025	378391.36	9957.67	9957.67	63712974.67	63712974.67
6500.03-12	RB2025	94597.84	2489.42	2489.42	15928243.67	15928243.67
6500.03-12	RB2025	4635294.12	121981.42	121981.42	780483939.66	780483939.66
6500.03-12	RB2025	3405522.21	89619.01	89619.01	573416772.00	573416772.00
6500.03-12	RB2025	756782.71	2489.42	19915.33	127425949.33	127425949.33
6500.03-12	RB2025	94597.84	2489.42	2489.42	15928243.67	15928243.67
6500.03-12	RB2025	94597.84	2489.42	2489.42	15928243.67	15928243.67
6500.03-12	RB2025	283793.52	7468.25	7468.25	47784731.00	47784731.00
6500.03-12	RB2025	189195.68	4978.83	4978.83	31856487.33	31856487.33
6500.03-12	RB2025	189195.68	4978.83	4978.83	31856487.33	31856487.33
6500.03-12	RB2025	7000240.10	184216.84	184216.84	1178690031.32	1178690031.32
6500.03-13	RB2026	864724.66	20588.68	20588.68	145601054.19	145601054.19
6500.03-13	RB2026	864724.66	20588.68	20588.68	145601054.19	145601054.19
6500.03-13	RB2026	78611.33	1871.70	1871.70	13236459.47	13236459.47
6500.03-13	RB2026	78611.33	1871.70	1871.70	13236459.47	13236459.47
6500.03-13	RB2026	157222.67	3743.40	3743.40	26472918.94	26472918.94
6500.03-13	RB2026	471668.00	11230.19	11230.19	79418756.83	79418756.83
6500.03-13	RB2026	78611.33	1871.70	1871.70	13236459.47	13236459.47
6500.03-13	RB2026	707502.00	16845.29	16845.29	119128135.24	119128135.24
6500.03-13	RB2026	157222.67	3743.40	3743.40	26472918.94	26472918.94
6500.03-13	RB2026	628890.66	14973.59	14973.59	105891675.77	105891675.77
6500.03-13	RB2026	157222.67	3743.40	3743.40	26472918.94	26472918.94
6500.03-13	RB2026	314445.33	7486.79	7486.79	52945837.89	52945837.89
6500.03-13	RB2026	393056.66	5615.10	9358.49	66182297.36	66182297.36
6500.03-13	RB2026	471668.00	7486.79	11230.19	79418756.83	79418756.83
6500.03-13	RB2026	235834.00	5615.10	5615.10	39709378.41	39709378.41
6500.03-13	RB2026	78611.33	1871.70	1871.70	13236459.47	13236459.47
6500.03-13	RB2026	943335.99	1871.70	22460.38	158837513.66	158837513.66
6500.03-13	RB2026	6760574.62	160966.06	160966.06	1138335514.55	1138335514.55
6500.03-13	RB2026	6681963.29	159094.36	159094.36	1125099055.08	1125099055.08

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6500.03-13	RB2026	Paralia sp.	Bacillariophyceae	Centrales	Paraliaceae
6500.03-13	RB2026	Pinnularia spp.	Bacillariophyceae	Pennales	Pinnulariaceae
6500.03-13	RB2026	Pyramimonas sp.	Chlorophyceae	Volvocales	Prasinophyceae
6500.03-13	RB2026	Rhodomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-13	RB2026	Stephanopyxis sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-13	RB2026	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-13	RB2026	Trachelomonas sp.	Euglenophyceae	Euglenales	Euglenaceae
6500.03-13	RB2026	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-13	RB2026	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-14	RB2028	Achnanthidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-14	RB2028	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-14	RB2028	Aulacoseira spp.	Bacillariophyceae	Centrales	Aulacoseiraceae
6500.03-14	RB2028	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-14	RB2028	Campylodiscus sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-14	RB2028	Chaetoceros sp.	Bacillariophyceae	Centrales	Chaetocerotaceae
6500.03-14	RB2028	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-14	RB2028	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-14	RB2028	Coscinodiscus sp.	Bacillariophyceae	Centrales	Coscinodiscaceae
6500.03-14	RB2028	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-14	RB2028	Cylindrotheca spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-14	RB2028	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-14	RB2028	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-14	RB2028	Diatoma sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-14	RB2028	Diploneis sp.	Bacillariophyceae	Pennales	Diploneidaceae
6500.03-14	RB2028	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-14	RB2028	Eunotia sp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-14	RB2028	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-14	RB2028	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-14	RB2028	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-14	RB2028	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-14	RB2028	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-14	RB2028	Heterosigma sp.	Raphidophyceae	Chattonellales	Chattonellaceae
6500.03-14	RB2028	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-14	RB2028	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-14	RB2028	Paralia sp.	Bacillariophyceae	Centrales	Paraliaceae
6500.03-14	RB2028	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-14	RB2028	Pyramimonas sp.	Chlorophyceae	Volvocales	Prasinophyceae
6500.03-14	RB2028	Skeletonema sp.	Bacillariophyceae	Centrales	Skeletonemataceae
6500.03-14	RB2028	Striatella sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-14	RB2028	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-14	RB2028	Trachelomonas sp.	Euglenophyceae	Euglenales	Euglenaceae
6500.03-14	RB2028	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-14	RB2028	Unknown Dinoflagellate sp.	Dinophyceae	0	0
6500.03-14	RB2028	Unknown pennales sp.	Bacillariophyceae	Pennales	0

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6500.03-13	RB2026	Paralia	sp.	0	3	4.00	12	235834.00
6500.03-13	RB2026	Pinnularia	spp.	0	1	1.00	1	78611.33
6500.03-13	RB2026	Pyramimonas	sp.	0	3	1.00	3	235834.00
6500.03-13	RB2026	Rhodomonas	sp.	0	2	1.00	2	157222.67
6500.03-13	RB2026	Stephanopyxis	sp.	(Ehrenberg) Ehrenberg	2	3.00	6	157222.67
6500.03-13	RB2026	Surirella	sp.	0	1	1.00	1	78611.33
6500.03-13	RB2026	Trachelomonas	sp.	0	2	1.00	2	157222.67
6500.03-13	RB2026	Tryblionella	sp.	0	2	1.00	2	157222.67
6500.03-13	RB2026	0	0	0	44	1.00	44	3458898.64
6500.03-14	RB2028	Achnanthydium	sp.	Kützing	16	1.00	16	882913.17
6500.03-14	RB2028	Amphora	spp.	0	21	1.00	21	1158823.53
6500.03-14	RB2028	Aulacoseira	spp.	0	2	2.00	4	110364.15
6500.03-14	RB2028	Bacillaria	sp.	0	1	1.00	1	55182.07
6500.03-14	RB2028	Campylodiscus	sp.	0	1	1.00	1	55182.07
6500.03-14	RB2028	Chaetoceros	sp.	0	1	1.00	1	55182.07
6500.03-14	RB2028	Chroomonas	sp.	0	2	1.00	2	110364.15
6500.03-14	RB2028	Cocconeis	spp.	0	6	1.00	6	331092.44
6500.03-14	RB2028	Coscinodiscus	sp.	0	6	1.00	6	331092.44
6500.03-14	RB2028	Cyclotella	sp.	0	7	1.00	7	386274.51
6500.03-14	RB2028	Cylindrotheca	spp.	0	1	1.00	1	55182.07
6500.03-14	RB2028	Cymbella	sp.	0	5	1.00	5	275910.36
6500.03-14	RB2028	Delphineis/Rhaphoneis	0	0	7	1.00	7	386274.51
6500.03-14	RB2028	Diatoma	sp.	0	5	1.00	5	275910.36
6500.03-14	RB2028	Diploneis	sp.	0	2	1.00	2	110364.15
6500.03-14	RB2028	Entomoneis	sp.	0	7	1.00	7	386274.51
6500.03-14	RB2028	Eunotia	sp.	0	2	1.00	2	110364.15
6500.03-14	RB2028	Eunotia	spp.	0	1	1.00	1	55182.07
6500.03-14	RB2028	Fragilaria	sp.	0	1	1.00	1	55182.07
6500.03-14	RB2028	Frustulia	sp.	0	2	1.00	2	110364.15
6500.03-14	RB2028	Gomphonema	sp.	0	2	1.00	2	110364.15
6500.03-14	RB2028	Gyrosigma	sp.	0	1	1.00	1	55182.07
6500.03-14	RB2028	Heterosigma	sp.	0	2	1.00	2	110364.15
6500.03-14	RB2028	Navicula	spp.	0	35	1.00	35	1931372.55
6500.03-14	RB2028	Nitzschia	spp.	0	113	1.00	113	6235574.23
6500.03-14	RB2028	Paralia	sp.	0	4	2.50	10	220728.29
6500.03-14	RB2028	Pleurosigma	spp.	0	3	1.00	3	165546.22
6500.03-14	RB2028	Pyramimonas	sp.	0	2	1.00	2	110364.15
6500.03-14	RB2028	Skeletonema	sp.	0	3	11.33	34	165546.22
6500.03-14	RB2028	Striatella	sp.	0	1	1.00	1	55182.07
6500.03-14	RB2028	Surirella	sp.	0	4	1.00	4	220728.29
6500.03-14	RB2028	Trachelomonas	sp.	0	2	1.00	2	110364.15
6500.03-14	RB2028	Tryblionella	sp.	0	5	1.00	5	275910.36
6500.03-14	RB2028	0	0	0	1	1.00	1	55182.07
6500.03-14	RB2028	0	0	0	26	1.00	26	1434733.89

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6500.03-13	RB2026	943335.99	5615.10	22460.38	158837513.66	158837513.66
6500.03-13	RB2026	78611.33	1871.70	1871.70	13236459.47	13236459.47
6500.03-13	RB2026	235834.00	5615.10	5615.10	39709378.41	39709378.41
6500.03-13	RB2026	157222.67	3743.40	3743.40	26472918.94	26472918.94
6500.03-13	RB2026	471668.00	3743.40	11230.19	79418756.83	79418756.83
6500.03-13	RB2026	78611.33	1871.70	1871.70	13236459.47	13236459.47
6500.03-13	RB2026	157222.67	3743.40	3743.40	26472918.94	26472918.94
6500.03-13	RB2026	157222.67	3743.40	3743.40	26472918.94	26472918.94
6500.03-13	RB2026	3458898.64	82354.73	82354.73	582404216.75	582404216.75
6500.03-14	RB2028	882913.17	19193.76	19193.76	148663607.55	148663607.55
6500.03-14	RB2028	1158823.53	25191.82	25191.82	195120984.92	195120984.92
6500.03-14	RB2028	220728.29	2399.22	4798.44	37165901.89	37165901.89
6500.03-14	RB2028	55182.07	1199.61	1199.61	9291475.47	9291475.47
6500.03-14	RB2028	55182.07	1199.61	1199.61	9291475.47	9291475.47
6500.03-14	RB2028	55182.07	1199.61	1199.61	9291475.47	9291475.47
6500.03-14	RB2028	110364.15	2399.22	2399.22	18582950.94	18582950.94
6500.03-14	RB2028	331092.44	7197.66	7197.66	55748852.83	55748852.83
6500.03-14	RB2028	331092.44	7197.66	7197.66	55748852.83	55748852.83
6500.03-14	RB2028	386274.51	8397.27	8397.27	65040328.31	65040328.31
6500.03-14	RB2028	55182.07	1199.61	1199.61	9291475.47	9291475.47
6500.03-14	RB2028	275910.36	5998.05	5998.05	46457377.36	46457377.36
6500.03-14	RB2028	386274.51	8397.27	8397.27	65040328.31	65040328.31
6500.03-14	RB2028	275910.36	5998.05	5998.05	46457377.36	46457377.36
6500.03-14	RB2028	110364.15	2399.22	2399.22	18582950.94	18582950.94
6500.03-14	RB2028	386274.51	8397.27	8397.27	65040328.31	65040328.31
6500.03-14	RB2028	110364.15	2399.22	2399.22	18582950.94	18582950.94
6500.03-14	RB2028	55182.07	1199.61	1199.61	9291475.47	9291475.47
6500.03-14	RB2028	110364.15	2399.22	2399.22	18582950.94	18582950.94
6500.03-14	RB2028	110364.15	2399.22	2399.22	18582950.94	18582950.94
6500.03-14	RB2028	55182.07	1199.61	1199.61	9291475.47	9291475.47
6500.03-14	RB2028	110364.15	2399.22	2399.22	18582950.94	18582950.94
6500.03-14	RB2028	1931372.55	41986.36	41986.36	325201641.53	325201641.53
6500.03-14	RB2028	6235574.23	135555.96	135555.96	1049936728.35	1049936728.35
6500.03-14	RB2028	551820.73	4798.44	11996.10	92914754.72	92914754.72
6500.03-14	RB2028	165546.22	3598.83	3598.83	27874426.42	27874426.42
6500.03-14	RB2028	110364.15	2399.22	2399.22	18582950.94	18582950.94
6500.03-14	RB2028	1876190.48	3598.83	40786.75	315910166.05	315910166.05
6500.03-14	RB2028	55182.07	1199.61	1199.61	9291475.47	9291475.47
6500.03-14	RB2028	220728.29	4798.44	4798.44	37165901.89	37165901.89
6500.03-14	RB2028	110364.15	2399.22	2399.22	18582950.94	18582950.94
6500.03-14	RB2028	275910.36	5998.05	5998.05	46457377.36	46457377.36
6500.03-14	RB2028	55182.07	1199.61	1199.61	9291475.47	9291475.47
6500.03-14	RB2028	1434733.89	31189.87	241578362.28	241578362.28	241578362.28

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6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-15	RB2031	3:20	Biofilm	4-Feb-14	59.39	45	0.00119%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%

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6500.03-15	RB2031	Achnanthydium sp.	Bacillariophyceae	Pennales	Achnanthydiaceae
6500.03-15	RB2031	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-15	RB2031	Aulacoseira spp.	Bacillariophyceae	Centrales	Aulacoseiraceae
6500.03-15	RB2031	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-15	RB2031	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-15	RB2031	Coscinodiscus sp.	Bacillariophyceae	Centrales	Coscinodiscaceae
6500.03-15	RB2031	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-15	RB2031	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-15	RB2031	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-15	RB2031	Diatoma spp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-15	RB2031	Diploneis sp.	Bacillariophyceae	Pennales	Diploneidaceae
6500.03-15	RB2031	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-15	RB2031	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-15	RB2031	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-15	RB2031	Frustulia spp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-15	RB2031	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-15	RB2031	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-15	RB2031	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-15	RB2031	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-15	RB2031	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-15	RB2031	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-15	RB2031	Skeletonema sp.	Bacillariophyceae	Centrales	Skeletonemataceae
6500.03-15	RB2031	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-15	RB2031	Trachelomonas sp.	Euglenophyceae	Euglenales	Euglenaceae
6500.03-15	RB2031	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-15	RB2031	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-16	RB2037	Achnanthydium sp.	Bacillariophyceae	Pennales	Achnanthydiaceae
6500.03-16	RB2037	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-16	RB2037	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-16	RB2037	Chlamydomonas sp.	Chlorophyceae	Volvocales	Chlamydomonadaceae
6500.03-16	RB2037	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-16	RB2037	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-16	RB2037	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-16	RB2037	Diploneis sp.	Bacillariophyceae	Pennales	Diploneidaceae
6500.03-16	RB2037	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-16	RB2037	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-16	RB2037	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-16	RB2037	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-16	RB2037	Hemiselmis sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-16	RB2037	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-16	RB2037	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-16	RB2037	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-16	RB2037	Odontella sp.	Bacillariophyceae	Centrales	Triceratiaceae
6500.03-16	RB2037	Trachelomonas sp.	Euglenophyceae	Euglenales	Euglenaceae

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6500.03-15	RB2031	Achnanthydium	sp.	Kützing	9	1.00	9	758908.51
6500.03-15	RB2031	Amphora	spp.	0	25	1.04	26	2108079.19
6500.03-15	RB2031	Aulacoseira	spp.	0	3	2.00	6	252969.50
6500.03-15	RB2031	Chroomonas	sp.	0	2	1.00	2	168646.33
6500.03-15	RB2031	Cocconeis	spp.	0	5	1.00	5	421615.84
6500.03-15	RB2031	Coscinodiscus	sp.	0	3	1.00	3	252969.50
6500.03-15	RB2031	Cyclotella	sp.	0	9	1.00	9	758908.51
6500.03-15	RB2031	Cymbella	sp.	0	6	1.00	6	505939.00
6500.03-15	RB2031	Delphineis/Rhaphoneis	0	0	9	1.00	9	758908.51
6500.03-15	RB2031	Diatoma	spp.	0	2	1.00	2	168646.33
6500.03-15	RB2031	Diploneis	sp.	0	5	1.00	5	421615.84
6500.03-15	RB2031	Entomoneis	sp.	0	5	1.00	5	421615.84
6500.03-15	RB2031	Eunotia	spp.	0	3	1.00	3	252969.50
6500.03-15	RB2031	Fragilaria	sp.	0	3	1.00	3	252969.50
6500.03-15	RB2031	Frustulia	spp.	0	2	1.00	2	168646.33
6500.03-15	RB2031	Gomphonema	sp.	0	3	1.00	3	252969.50
6500.03-15	RB2031	Gyrosigma	sp.	0	3	1.00	3	252969.50
6500.03-15	RB2031	Melosira	sp.	0	3	2.00	6	252969.50
6500.03-15	RB2031	Navicula	spp.	0	51	1.00	51	4300481.54
6500.03-15	RB2031	Nitzschia	spp.	0	92	1.00	92	7757731.41
6500.03-15	RB2031	Pleurosigma	spp.	0	6	1.00	6	505939.00
6500.03-15	RB2031	Skeletonema	sp.	0	2	2.00	4	168646.33
6500.03-15	RB2031	Surirella	sp.	0	3	1.00	3	252969.50
6500.03-15	RB2031	Trachelomonas	sp.	0	3	1.00	3	252969.50
6500.03-15	RB2031	Tryblionella	sp.	0	3	1.00	3	252969.50
6500.03-15	RB2031	0	0	0	43	1.00	43	3625896.20
6500.03-16	RB2037	Achnanthydium	sp.	Kützing	137	1.00	137	4991030.98
6500.03-16	RB2037	Amphora	spp.	0	14	1.00	14	510032.36
6500.03-16	RB2037	Bacillaria	sp.	0	1	3.00	3	36430.88
6500.03-16	RB2037	Chlamydomonas	sp.	0	3	1.00	3	109292.65
6500.03-16	RB2037	Cocconeis	spp.	0	40	1.00	40	1457235.32
6500.03-16	RB2037	Cyclotella	sp.	0	1	1.00	1	36430.88
6500.03-16	RB2037	Delphineis/Rhaphoneis	0	0	4	1.00	4	145723.53
6500.03-16	RB2037	Diploneis	sp.	0	1	1.00	1	36430.88
6500.03-16	RB2037	Entomoneis	sp.	0	3	1.00	3	109292.65
6500.03-16	RB2037	Eunotia	spp.	0	2	1.00	2	72861.77
6500.03-16	RB2037	Fragilaria	sp.	0	1	1.00	1	36430.88
6500.03-16	RB2037	Frustulia	sp.	0	1	1.00	1	36430.88
6500.03-16	RB2037	Hemiselmis	sp.	0	1	1.00	1	36430.88
6500.03-16	RB2037	Melosira	sp.	0	2	1.50	3	72861.77
6500.03-16	RB2037	Navicula	spp.	0	46	1.00	46	1675820.62
6500.03-16	RB2037	Nitzschia	spp.	0	18	1.00	18	655755.89
6500.03-16	RB2037	Odontella	sp.	0	9	1.00	9	327877.95
6500.03-16	RB2037	Trachelomonas	sp.	0	1	1.00	1	36430.88

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6500.03-15	RB2031	758908.51	16864.63	16864.63	127783887.39	127783887.39
6500.03-15	RB2031	2192402.35	46846.20	48720.05	369153452.47	369153452.47
6500.03-15	RB2031	505939.00	5621.54	11243.09	85189258.26	85189258.26
6500.03-15	RB2031	168646.33	3747.70	3747.70	28396419.42	28396419.42
6500.03-15	RB2031	421615.84	9369.24	9369.24	70991048.55	70991048.55
6500.03-15	RB2031	252969.50	5621.54	5621.54	42594629.13	42594629.13
6500.03-15	RB2031	758908.51	16864.63	16864.63	127783887.39	127783887.39
6500.03-15	RB2031	505939.00	11243.09	11243.09	85189258.26	85189258.26
6500.03-15	RB2031	758908.51	16864.63	16864.63	127783887.39	127783887.39
6500.03-15	RB2031	168646.33	3747.70	3747.70	28396419.42	28396419.42
6500.03-15	RB2031	421615.84	9369.24	9369.24	70991048.55	70991048.55
6500.03-15	RB2031	421615.84	9369.24	9369.24	70991048.55	70991048.55
6500.03-15	RB2031	252969.50	5621.54	5621.54	42594629.13	42594629.13
6500.03-15	RB2031	252969.50	5621.54	5621.54	42594629.13	42594629.13
6500.03-15	RB2031	168646.33	3747.70	3747.70	28396419.42	28396419.42
6500.03-15	RB2031	252969.50	5621.54	5621.54	42594629.13	42594629.13
6500.03-15	RB2031	252969.50	5621.54	5621.54	42594629.13	42594629.13
6500.03-15	RB2031	505939.00	5621.54	11243.09	85189258.26	85189258.26
6500.03-15	RB2031	4300481.54	95566.26	95566.26	724108695.22	724108695.22
6500.03-15	RB2031	7757731.41	172394.03	172394.03	1306235293.34	1306235293.34
6500.03-15	RB2031	505939.00	11243.09	11243.09	85189258.26	85189258.26
6500.03-15	RB2031	337292.67	3747.70	7495.39	56792838.84	56792838.84
6500.03-15	RB2031	252969.50	5621.54	5621.54	42594629.13	42594629.13
6500.03-15	RB2031	252969.50	5621.54	5621.54	42594629.13	42594629.13
6500.03-15	RB2031	252969.50	5621.54	5621.54	42594629.13	42594629.13
6500.03-15	RB2031	3625896.20	80575.47	80575.47	610523017.54	610523017.54
6500.03-16	RB2037	4991030.98	106192.15	106192.15	840382383.48	840382383.48
6500.03-16	RB2037	510032.36	10851.75	10851.75	85878491.74	85878491.74
6500.03-16	RB2037	109292.65	775.13	2325.38	18402533.94	18402533.94
6500.03-16	RB2037	109292.65	2325.38	2325.38	18402533.94	18402533.94
6500.03-16	RB2037	1457235.32	31005.01	31005.01	245367119.26	245367119.26
6500.03-16	RB2037	36430.88	775.13	775.13	6134177.98	6134177.98
6500.03-16	RB2037	145723.53	3100.50	3100.50	24536711.93	24536711.93
6500.03-16	RB2037	36430.88	775.13	775.13	6134177.98	6134177.98
6500.03-16	RB2037	109292.65	2325.38	2325.38	18402533.94	18402533.94
6500.03-16	RB2037	72861.77	1550.25	1550.25	12268355.96	12268355.96
6500.03-16	RB2037	36430.88	775.13	775.13	6134177.98	6134177.98
6500.03-16	RB2037	36430.88	775.13	775.13	6134177.98	6134177.98
6500.03-16	RB2037	36430.88	775.13	775.13	6134177.98	6134177.98
6500.03-16	RB2037	109292.65	1550.25	2325.38	18402533.94	18402533.94
6500.03-16	RB2037	1675820.62	35655.76	35655.76	282172187.15	282172187.15
6500.03-16	RB2037	655755.89	13952.25	13952.25	110415203.67	110415203.67
6500.03-16	RB2037	327877.95	6976.13	6976.13	55207601.83	55207601.83
6500.03-16	RB2037	36430.88	775.13	6134177.98	6134177.98	6134177.98

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6500.03-16	RB2037	1:15	Biofilm	3-Feb-14	59.39	47	0.00274%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-17	RB2038	2:40	Biofilm	4-Feb-14	59.39	48	0.00564%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%
6500.03-18	RB2040	3:00	Biofilm	3-Feb-14	59.39	41	0.01391%

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6500.03-16	RB2037	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-17	RB2038	Achnantheidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-17	RB2038	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-17	RB2038	Chlamydomonas sp.	Chlorophyceae	Volvocales	Chlamydomonadaceae
6500.03-17	RB2038	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-17	RB2038	Cryptomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-17	RB2038	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-17	RB2038	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-17	RB2038	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-17	RB2038	Didymosphenia sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-17	RB2038	Dunaliella sp.	Chlorophyceae	Volvocales	Chlamydomonadaceae
6500.03-17	RB2038	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-17	RB2038	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-17	RB2038	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-17	RB2038	Hemiselmis sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-17	RB2038	Hillea sp.	Cryptophyceae	Cryptomonadales	Hilleaceae
6500.03-17	RB2038	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-17	RB2038	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-17	RB2038	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-17	RB2038	Odontella sp.	Bacillariophyceae	Centrales	Triceratiaceae
6500.03-17	RB2038	Rhodomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-17	RB2038	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-17	RB2038	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-18	RB2040	Achnantheidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-18	RB2040	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-18	RB2040	Campylodiscus sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-18	RB2040	Chlamydomonas sp.	Chlorophyceae	Volvocales	Chlamydomonadaceae
6500.03-18	RB2040	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-18	RB2040	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-18	RB2040	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-18	RB2040	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-18	RB2040	Diatoma sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-18	RB2040	Diploneis sp.	Bacillariophyceae	Pennales	Diploneidaceae
6500.03-18	RB2040	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-18	RB2040	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-18	RB2040	Gyrodinium sp.	Dinophyceae	Gymnodiniales	Gymnodiniaceae
6500.03-18	RB2040	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-18	RB2040	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-18	RB2040	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-18	RB2040	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-18	RB2040	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-18	RB2040	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-18	RB2040	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-18	RB2040	Unknown Dinoflagellate sp.	Dinophyceae	0	0

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6500.03-16	RB2037	0	0	0	15	1.00	15	546463.25
6500.03-17	RB2038	Achnantheidium	sp.	Kützing	17	1.00	17	301609.82
6500.03-17	RB2038	Amphora	spp.	0	23	1.00	23	408060.34
6500.03-17	RB2038	Chlamydomonas	sp.	0	1	1.00	1	17741.75
6500.03-17	RB2038	Chroomonas	sp.	0	4	1.00	4	70967.02
6500.03-17	RB2038	Cryptomonas	sp.	0	1	1.00	1	17741.75
6500.03-17	RB2038	Cyclotella	sp.	0	3	1.00	3	53225.26
6500.03-17	RB2038	Cymbella	sp.	0	1	1.00	1	17741.75
6500.03-17	RB2038	Delphineis/Rhaphoneis	0	0	3	1.00	3	53225.26
6500.03-17	RB2038	Didymosphenia	sp.	0	1	1.00	1	17741.75
6500.03-17	RB2038	Dunaliella	sp.	Teodoresco	1	1.00	1	17741.75
6500.03-17	RB2038	Entomoneis	sp.	0	7	1.00	7	124192.28
6500.03-17	RB2038	Gomphonema	sp.	0	4	1.25	5	70967.02
6500.03-17	RB2038	Gyrosigma	sp.	0	2	1.00	2	35483.51
6500.03-17	RB2038	Hemiselmis	sp.	0	1	1.00	1	17741.75
6500.03-17	RB2038	Hillea	sp.	Schiller	1	1.00	1	17741.75
6500.03-17	RB2038	Melosira	sp.	0	1	2.00	2	17741.75
6500.03-17	RB2038	Navicula	spp.	0	72	1.00	72	1277406.28
6500.03-17	RB2038	Nitzschia	spp.	0	70	1.00	70	1241922.77
6500.03-17	RB2038	Odontella	sp.	0	1	1.00	1	17741.75
6500.03-17	RB2038	Rhodomonas	sp.	0	2	1.00	2	35483.51
6500.03-17	RB2038	Surirella	sp.	0	1	1.00	1	17741.75
6500.03-17	RB2038	0	0	0	86	1.00	86	1525790.84
6500.03-18	RB2040	Achnantheidium	sp.	Kützing	27	1.00	27	194088.67
6500.03-18	RB2040	Amphora	spp.	0	24	1.00	24	172523.26
6500.03-18	RB2040	Campylodiscus	sp.	0	1	1.00	1	7188.47
6500.03-18	RB2040	Chlamydomonas	sp.	0	1	1.00	1	7188.47
6500.03-18	RB2040	Chroomonas	sp.	0	4	1.00	4	28753.88
6500.03-18	RB2040	Cocconeis	spp.	0	4	1.00	4	28753.88
6500.03-18	RB2040	Cyclotella	sp.	0	6	1.00	6	43130.82
6500.03-18	RB2040	Delphineis/Rhaphoneis	0	0	13	1.00	13	93450.10
6500.03-18	RB2040	Diatoma	sp.	0	2	1.00	2	14376.94
6500.03-18	RB2040	Diploneis	sp.	0	1	1.00	1	7188.47
6500.03-18	RB2040	Entomoneis	sp.	0	6	1.00	6	43130.82
6500.03-18	RB2040	Gomphonema	sp.	0	3	1.00	3	21565.41
6500.03-18	RB2040	Gyrodinium	sp.	0	1	1.00	1	7188.47
6500.03-18	RB2040	Gyrosigma	sp.	0	2	1.00	2	14376.94
6500.03-18	RB2040	Melosira	sp.	0	1	2.00	2	7188.47
6500.03-18	RB2040	Navicula	spp.	0	78	1.00	78	560700.60
6500.03-18	RB2040	Nitzschia	spp.	0	81	1.00	81	582266.01
6500.03-18	RB2040	Pleurosigma	spp.	0	1	1.00	1	7188.47
6500.03-18	RB2040	Surirella	sp.	0	5	1.00	5	35942.35
6500.03-18	RB2040	Tryblionella	sp.	0	3	1.00	3	21565.41
6500.03-18	RB2040	0	0	0	2	1.00	2	14376.94

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6500.03-16	RB2037	546463.25	11626.88	11626.88	92012669.72	92012669.72
6500.03-17	RB2038	301609.82	6283.54	6283.54	50784612.98	50784612.98
6500.03-17	RB2038	408060.34	8501.26	8501.26	68708594.04	68708594.04
6500.03-17	RB2038	17741.75	369.62	369.62	2987330.18	2987330.18
6500.03-17	RB2038	70967.02	1478.48	1478.48	11949320.70	11949320.70
6500.03-17	RB2038	17741.75	369.62	369.62	2987330.18	2987330.18
6500.03-17	RB2038	53225.26	1108.86	1108.86	8961990.53	8961990.53
6500.03-17	RB2038	17741.75	369.62	369.62	2987330.18	2987330.18
6500.03-17	RB2038	53225.26	1108.86	1108.86	8961990.53	8961990.53
6500.03-17	RB2038	17741.75	369.62	369.62	2987330.18	2987330.18
6500.03-17	RB2038	17741.75	369.62	369.62	2987330.18	2987330.18
6500.03-17	RB2038	124192.28	2587.34	2587.34	20911311.23	20911311.23
6500.03-17	RB2038	88708.77	1478.48	1848.10	14936650.88	14936650.88
6500.03-17	RB2038	35483.51	739.24	739.24	5974660.35	5974660.35
6500.03-17	RB2038	17741.75	369.62	369.62	2987330.18	2987330.18
6500.03-17	RB2038	17741.75	369.62	369.62	2987330.18	2987330.18
6500.03-17	RB2038	35483.51	369.62	739.24	5974660.35	5974660.35
6500.03-17	RB2038	1277406.28	26612.63	26612.63	215087772.63	215087772.63
6500.03-17	RB2038	1241922.77	25873.39	25873.39	209113112.28	209113112.28
6500.03-17	RB2038	17741.75	369.62	369.62	2987330.18	2987330.18
6500.03-17	RB2038	35483.51	739.24	739.24	5974660.35	5974660.35
6500.03-17	RB2038	17741.75	369.62	369.62	2987330.18	2987330.18
6500.03-17	RB2038	1525790.84	31787.31	31787.31	256910395.09	256910395.09
6500.03-18	RB2040	194088.67	4733.87	4733.87	32680362.01	32680362.01
6500.03-18	RB2040	172523.26	4207.88	4207.88	29049210.67	29049210.67
6500.03-18	RB2040	7188.47	175.33	175.33	1210383.78	1210383.78
6500.03-18	RB2040	7188.47	175.33	175.33	1210383.78	1210383.78
6500.03-18	RB2040	28753.88	701.31	701.31	4841535.11	4841535.11
6500.03-18	RB2040	28753.88	701.31	701.31	4841535.11	4841535.11
6500.03-18	RB2040	43130.82	1051.97	1051.97	7262302.67	7262302.67
6500.03-18	RB2040	93450.10	2279.27	2279.27	15734989.11	15734989.11
6500.03-18	RB2040	14376.94	350.66	350.66	2420767.56	2420767.56
6500.03-18	RB2040	7188.47	175.33	175.33	1210383.78	1210383.78
6500.03-18	RB2040	43130.82	1051.97	1051.97	7262302.67	7262302.67
6500.03-18	RB2040	21565.41	525.99	525.99	3631151.33	3631151.33
6500.03-18	RB2040	7188.47	175.33	175.33	1210383.78	1210383.78
6500.03-18	RB2040	14376.94	350.66	350.66	2420767.56	2420767.56
6500.03-18	RB2040	14376.94	175.33	350.66	2420767.56	2420767.56
6500.03-18	RB2040	560700.60	13675.62	13675.62	94409934.68	94409934.68
6500.03-18	RB2040	582266.01	14201.61	14201.61	98041086.02	98041086.02
6500.03-18	RB2040	7188.47	175.33	175.33	1210383.78	1210383.78
6500.03-18	RB2040	35942.35	876.64	876.64	6051918.89	6051918.89
6500.03-18	RB2040	21565.41	525.99	525.99	3631151.33	3631151.33
6500.03-18	RB2040	14376.94	350.66	350.66	2420767.56	2420767.56

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6500.03-18	RB2040	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-19	RB2040 DUP	Achnantheidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-19	RB2040 DUP	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-19	RB2040 DUP	Aulacoseira spp.	Bacillariophyceae	Centrales	Aulacoseiraceae
6500.03-19	RB2040 DUP	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-19	RB2040 DUP	Chlamydomonas sp.	Chlorophyceae	Volvocales	Chlamydomonadaceae
6500.03-19	RB2040 DUP	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-19	RB2040 DUP	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-19	RB2040 DUP	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-19	RB2040 DUP	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-19	RB2040 DUP	Diatoma sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-19	RB2040 DUP	Dunaliella sp.	Chlorophyceae	Volvocales	Chlamydomonadaceae
6500.03-19	RB2040 DUP	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-19	RB2040 DUP	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-19	RB2040 DUP	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-19	RB2040 DUP	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-19	RB2040 DUP	Gymnodinium sp.	Dinophyceae	Gymnodiniales	Gymnodiniaceae
6500.03-19	RB2040 DUP	Gyrodinium sp.	Dinophyceae	Gymnodiniales	Gymnodiniaceae
6500.03-19	RB2040 DUP	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-19	RB2040 DUP	Hemiselmis sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-19	RB2040 DUP	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-19	RB2040 DUP	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-19	RB2040 DUP	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-19	RB2040 DUP	Pinnularia spp.	Bacillariophyceae	Pennales	Pinnulariaceae
6500.03-19	RB2040 DUP	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-19	RB2040 DUP	Skeletonema sp.	Bacillariophyceae	Centrales	Skeletonemataceae
6500.03-19	RB2040 DUP	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-20	RB2041	Achnantheidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-20	RB2041	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-20	RB2041	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-20	RB2041	Campylodiscus sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-20	RB2041	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-20	RB2041	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-20	RB2041	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-20	RB2041	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-20	RB2041	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-20	RB2041	Diatoma sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-20	RB2041	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-20	RB2041	Euglena sp.	Euglenophyceae	Euglenales	Euglenaceae
6500.03-20	RB2041	Eunotia sp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-20	RB2041	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-20	RB2041	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-20	RB2041	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-20	RB2041	Guinardia sp.	Bacillariophyceae	Centrales	Rhizosoleniaceae

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6500.03-18	RB2040	0	0	0	36	1.00	36	258784.89
6500.03-19	RB2040 DUP	Achnantheidium	sp.	Kützing	28	1.00	28	2115436.24
6500.03-19	RB2040 DUP	Amphora	spp.	0	12	1.00	12	906615.53
6500.03-19	RB2040 DUP	Aulacoseira	spp.	0	1	1.00	1	75551.29
6500.03-19	RB2040 DUP	Bacillaria	sp.	0	2	1.00	2	151102.59
6500.03-19	RB2040 DUP	Chlamydomonas	sp.	0	1	1.00	1	75551.29
6500.03-19	RB2040 DUP	Chroomonas	sp.	0	1	1.00	1	75551.29
6500.03-19	RB2040 DUP	Cocconeis	spp.	0	5	1.00	5	377756.47
6500.03-19	RB2040 DUP	Cyclotella	sp.	0	4	1.00	4	302205.18
6500.03-19	RB2040 DUP	Delphineis/Rhaphoneis	0	0	10	1.00	10	755512.94
6500.03-19	RB2040 DUP	Diatoma	sp.	0	2	1.00	2	151102.59
6500.03-19	RB2040 DUP	Dunaliella	sp.	Teodoresco	1	1.00	1	75551.29
6500.03-19	RB2040 DUP	Entomoneis	sp.	0	2	1.00	2	151102.59
6500.03-19	RB2040 DUP	Fragilaria	sp.	0	1	1.00	1	75551.29
6500.03-19	RB2040 DUP	Frustulia	sp.	0	1	1.00	1	75551.29
6500.03-19	RB2040 DUP	Gomphonema	sp.	0	3	1.00	3	226653.88
6500.03-19	RB2040 DUP	Gymnodinium	sp.	0	1	1.00	1	75551.29
6500.03-19	RB2040 DUP	Gyrodinium	sp.	0	1	1.00	1	75551.29
6500.03-19	RB2040 DUP	Gyrosigma	sp.	0	3	1.00	3	226653.88
6500.03-19	RB2040 DUP	Hemiselmis	sp.	0	4	1.00	4	302205.18
6500.03-19	RB2040 DUP	Melosira	sp.	0	1	2.00	2	75551.29
6500.03-19	RB2040 DUP	Navicula	spp.	0	93	1.00	93	7026270.37
6500.03-19	RB2040 DUP	Nitzschia	spp.	0	76	1.00	76	5741898.37
6500.03-19	RB2040 DUP	Pinnularia	spp.	0	2	1.00	2	151102.59
6500.03-19	RB2040 DUP	Pleurosigma	spp.	0	3	1.00	3	226653.88
6500.03-19	RB2040 DUP	Skeletonema	sp.	0	1	2.00	2	75551.29
6500.03-19	RB2040 DUP	0	0	0	42	1.00	42	3173154.36
6500.03-20	RB2041	Achnantheidium	sp.	Kützing	25	1.00	25	1695352.84
6500.03-20	RB2041	Amphora	spp.	0	24	1.25	30	1627538.73
6500.03-20	RB2041	Bacillaria	sp.	0	4	4.00	16	271256.45
6500.03-20	RB2041	Campylodiscus	sp.	0	1	1.00	1	67814.11
6500.03-20	RB2041	Chroomonas	sp.	0	2	1.00	2	135628.23
6500.03-20	RB2041	Cocconeis	spp.	0	1	1.00	1	67814.11
6500.03-20	RB2041	Cyclotella	sp.	0	2	1.00	2	135628.23
6500.03-20	RB2041	Cymbella	sp.	0	1	1.00	1	67814.11
6500.03-20	RB2041	Delphineis/Rhaphoneis	0	0	11	1.00	11	745955.25
6500.03-20	RB2041	Diatoma	sp.	0	1	1.00	1	67814.11
6500.03-20	RB2041	Entomoneis	sp.	0	9	1.00	9	610327.02
6500.03-20	RB2041	Euglena	sp.	0	1	1.00	1	67814.11
6500.03-20	RB2041	Eunotia	sp.	0	3	1.00	3	203442.34
6500.03-20	RB2041	Fragilaria	sp.	0	2	2.00	4	135628.23
6500.03-20	RB2041	Frustulia	sp.	0	2	1.00	2	135628.23
6500.03-20	RB2041	Gomphonema	sp.	0	1	1.00	1	67814.11
6500.03-20	RB2041	Guinardia	sp.	0	1	2.00	2	67814.11

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6500.03-18	RB2040	258784.89	6311.83	6311.83	43573816.01	43573816.01
6500.03-19	RB2040 DUP	2115436.24	55669.37	55669.37	356194012.73	356194012.73
6500.03-19	RB2040 DUP	906615.53	23858.30	23858.30	152654576.88	152654576.88
6500.03-19	RB2040 DUP	75551.29	1988.19	1988.19	12721214.74	12721214.74
6500.03-19	RB2040 DUP	151102.59	3976.38	3976.38	25442429.48	25442429.48
6500.03-19	RB2040 DUP	75551.29	1988.19	1988.19	12721214.74	12721214.74
6500.03-19	RB2040 DUP	75551.29	1988.19	1988.19	12721214.74	12721214.74
6500.03-19	RB2040 DUP	377756.47	9940.96	9940.96	63606073.70	63606073.70
6500.03-19	RB2040 DUP	302205.18	7952.77	7952.77	50884858.96	50884858.96
6500.03-19	RB2040 DUP	755512.94	19881.92	19881.92	127212147.40	127212147.40
6500.03-19	RB2040 DUP	151102.59	3976.38	3976.38	25442429.48	25442429.48
6500.03-19	RB2040 DUP	75551.29	1988.19	1988.19	12721214.74	12721214.74
6500.03-19	RB2040 DUP	151102.59	3976.38	3976.38	25442429.48	25442429.48
6500.03-19	RB2040 DUP	75551.29	1988.19	1988.19	12721214.74	12721214.74
6500.03-19	RB2040 DUP	75551.29	1988.19	1988.19	12721214.74	12721214.74
6500.03-19	RB2040 DUP	226653.88	5964.58	5964.58	38163644.22	38163644.22
6500.03-19	RB2040 DUP	75551.29	1988.19	1988.19	12721214.74	12721214.74
6500.03-19	RB2040 DUP	75551.29	1988.19	1988.19	12721214.74	12721214.74
6500.03-19	RB2040 DUP	226653.88	5964.58	5964.58	38163644.22	38163644.22
6500.03-19	RB2040 DUP	302205.18	7952.77	7952.77	50884858.96	50884858.96
6500.03-19	RB2040 DUP	151102.59	3976.38	3976.38	25442429.48	25442429.48
6500.03-19	RB2040 DUP	7026270.37	184901.85	184901.85	1183072970.86	1183072970.86
6500.03-19	RB2040 DUP	5741898.37	151102.59	151102.59	966812320.27	966812320.27
6500.03-19	RB2040 DUP	151102.59	3976.38	3976.38	25442429.48	25442429.48
6500.03-19	RB2040 DUP	226653.88	5964.58	5964.58	38163644.22	38163644.22
6500.03-19	RB2040 DUP	151102.59	3976.38	3976.38	25442429.48	25442429.48
6500.03-19	RB2040 DUP	3173154.36	83504.06	83504.06	534291019.10	534291019.10
6500.03-20	RB2041	1695352.84	47093.13	47093.13	285460993.42	285460993.42
6500.03-20	RB2041	2034423.41	45209.41	56511.76	342553192.11	342553192.11
6500.03-20	RB2041	1085025.82	7534.90	30139.61	182695035.79	182695035.79
6500.03-20	RB2041	67814.11	1883.73	1883.73	11418439.74	11418439.74
6500.03-20	RB2041	135628.23	3767.45	3767.45	22836879.47	22836879.47
6500.03-20	RB2041	67814.11	1883.73	1883.73	11418439.74	11418439.74
6500.03-20	RB2041	135628.23	3767.45	3767.45	22836879.47	22836879.47
6500.03-20	RB2041	67814.11	1883.73	1883.73	11418439.74	11418439.74
6500.03-20	RB2041	745955.25	20720.98	20720.98	125602837.11	125602837.11
6500.03-20	RB2041	67814.11	1883.73	1883.73	11418439.74	11418439.74
6500.03-20	RB2041	610327.02	16953.53	16953.53	102765957.63	102765957.63
6500.03-20	RB2041	67814.11	1883.73	1883.73	11418439.74	11418439.74
6500.03-20	RB2041	203442.34	5651.18	5651.18	34255319.21	34255319.21
6500.03-20	RB2041	271256.45	3767.45	7534.90	45673758.95	45673758.95
6500.03-20	RB2041	135628.23	3767.45	3767.45	22836879.47	22836879.47
6500.03-20	RB2041	67814.11	1883.73	1883.73	11418439.74	11418439.74
6500.03-20	RB2041	135628.23	1883.73	22836879.47	22836879.47	22836879.47

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6500.03-20	RB2041	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-20	RB2041	Leptolyngbya sp.	Myxophyceae	Oscillatoriales	Pseudanabaenaceae
6500.03-20	RB2041	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-20	RB2041	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-20	RB2041	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-20	RB2041	Stephanopyxis sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-20	RB2041	Trachelomonas sp.	Euglenophyceae	Euglenales	Euglenaceae
6500.03-20	RB2041	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-20	RB2041	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-21	RB2043	Achnanthidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-21	RB2043	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-21	RB2043	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-21	RB2043	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-21	RB2043	Cryptomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-21	RB2043	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-21	RB2043	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-21	RB2043	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-21	RB2043	Dunaliella sp.	Chlorophyceae	Volvocales	Chlamydomonadaceae
6500.03-21	RB2043	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-21	RB2043	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-21	RB2043	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-21	RB2043	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-21	RB2043	Leptolyngbya sp.	Myxophyceae	Oscillatoriales	Pseudanabaenaceae
6500.03-21	RB2043	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-21	RB2043	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-21	RB2043	Paralia sp.	Bacillariophyceae	Centrales	Paraliaceae
6500.03-21	RB2043	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-21	RB2043	Pyramimonas sp.	Chlorophyceae	Volvocales	Prasinophyceae
6500.03-21	RB2043	Trachelomonas sp.	Euglenophyceae	Euglenales	Euglenaceae
6500.03-21	RB2043	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-21	RB2043	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-22	RB2045	Achnanthidium sp.	Bacillariophyceae	Pennales	Achnanthidiaceae
6500.03-22	RB2045	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-22	RB2045	Aulacoseira spp.	Bacillariophyceae	Centrales	Aulacoseiraceae
6500.03-22	RB2045	Chlamydomonas sp.	Chlorophyceae	Volvocales	Chlamydomonadaceae
6500.03-22	RB2045	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-22	RB2045	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-22	RB2045	Coscinodiscus sp.	Bacillariophyceae	Centrales	Coscinodiscaceae
6500.03-22	RB2045	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-22	RB2045	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-22	RB2045	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthaceae
6500.03-22	RB2045	Dunaliella sp.	Chlorophyceae	Volvocales	Chlamydomonadaceae
6500.03-22	RB2045	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-22	RB2045	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae

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6500.03-20	RB2041	Gyrosigma	sp.	0	1	1.00	1	67814.11
6500.03-20	RB2041	Leptolyngbya	sp.	0	3	8.00	24	203442.34
6500.03-20	RB2041	Navicula	spp.	0	145	1.00	145	9833046.47
6500.03-20	RB2041	Nitzschia	spp.	0	23	1.00	23	1559724.61
6500.03-20	RB2041	Pleurosigma	spp.	0	3	1.00	3	203442.34
6500.03-20	RB2041	Stephanopyxis	sp.	(Ehrenberg) Ehrenberg	1	2.00	2	67814.11
6500.03-20	RB2041	Trachelomonas	sp.	0	3	1.00	3	203442.34
6500.03-20	RB2041	Tryblionella	sp.	0	3	1.00	3	203442.34
6500.03-20	RB2041	0	0	0	28	1.00	28	1898795.18
6500.03-21	RB2043	Achnanthydium	sp.	Kützing	19	1.00	19	1105352.53
6500.03-21	RB2043	Amphora	spp.	0	17	1.12	19	988999.63
6500.03-21	RB2043	Chroomonas	sp.	0	1	1.00	1	58176.45
6500.03-21	RB2043	Cocconeis	spp.	0	3	1.00	3	174529.35
6500.03-21	RB2043	Cryptomonas	sp.	0	1	1.00	1	58176.45
6500.03-21	RB2043	Cyclotella	sp.	0	7	1.00	7	407235.14
6500.03-21	RB2043	Cymbella	sp.	0	4	1.00	4	232705.80
6500.03-21	RB2043	Delphineis/Rhaphoneis	0	0	7	1.00	7	407235.14
6500.03-21	RB2043	Dunaliella	sp.	Teodoresco	1	1.00	1	58176.45
6500.03-21	RB2043	Entomoneis	sp.	0	5	1.00	5	290882.24
6500.03-21	RB2043	Eunotia	spp.	0	5	1.00	5	290882.24
6500.03-21	RB2043	Fragilaria	sp.	0	1	2.00	2	58176.45
6500.03-21	RB2043	Gomphonema	sp.	0	2	1.00	2	116352.90
6500.03-21	RB2043	Leptolyngbya	sp.	0	1	10.00	10	58176.45
6500.03-21	RB2043	Navicula	spp.	0	132	1.00	132	7679291.25
6500.03-21	RB2043	Nitzschia	spp.	0	29	1.00	29	1687117.02
6500.03-21	RB2043	Paralia	sp.	0	1	4.00	4	58176.45
6500.03-21	RB2043	Pleurosigma	spp.	0	3	1.00	3	174529.35
6500.03-21	RB2043	Pyramimonas	sp.	0	1	1.00	1	58176.45
6500.03-21	RB2043	Trachelomonas	sp.	0	3	1.00	3	174529.35
6500.03-21	RB2043	Tryblionella	sp.	0	3	1.00	3	174529.35
6500.03-21	RB2043	0	0	0	55	1.00	55	3199704.69
6500.03-22	RB2045	Achnanthydium	sp.	Kützing	17	1.00	17	554699.79
6500.03-22	RB2045	Amphora	spp.	0	23	1.00	23	750476.19
6500.03-22	RB2045	Aulacoseira	spp.	0	1	1.00	1	32629.40
6500.03-22	RB2045	Chlamydomonas	sp.	0	2	1.00	2	65258.80
6500.03-22	RB2045	Chroomonas	sp.	0	1	1.00	1	32629.40
6500.03-22	RB2045	Cocconeis	spp.	0	2	1.00	2	65258.80
6500.03-22	RB2045	Coscinodiscus	sp.	0	1	1.00	1	32629.40
6500.03-22	RB2045	Cyclotella	sp.	0	2	1.00	2	65258.80
6500.03-22	RB2045	Cymbella	sp.	0	3	1.00	3	97888.20
6500.03-22	RB2045	Delphineis/Rhaphoneis	0	0	8	1.00	8	261035.20
6500.03-22	RB2045	Dunaliella	sp.	Teodoresco	2	1.00	2	65258.80
6500.03-22	RB2045	Entomoneis	sp.	0	2	1.00	2	65258.80
6500.03-22	RB2045	Eunotia	spp.	0	1	1.00	1	32629.40

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6500.03-20	RB2041	67814.11	1883.73	1883.73	11418439.74	11418439.74
6500.03-20	RB2041	1627538.73	5651.18	45209.41	274042553.68	274042553.68
6500.03-20	RB2041	9833046.47	273140.18	273140.18	1655673761.85	1655673761.85
6500.03-20	RB2041	1559724.61	43325.68	43325.68	262624113.95	262624113.95
6500.03-20	RB2041	203442.34	5651.18	5651.18	34255319.21	34255319.21
6500.03-20	RB2041	135628.23	1883.73	3767.45	22836879.47	22836879.47
6500.03-20	RB2041	203442.34	5651.18	5651.18	34255319.21	34255319.21
6500.03-20	RB2041	203442.34	5651.18	5651.18	34255319.21	34255319.21
6500.03-20	RB2041	1898795.18	52744.31	52744.31	319716312.63	319716312.63
6500.03-21	RB2043	1105352.53	31581.50	31581.50	186117617.21	186117617.21
6500.03-21	RB2043	1105352.53	28257.13	31581.50	186117617.21	186117617.21
6500.03-21	RB2043	58176.45	1662.18	1662.18	9795664.06	9795664.06
6500.03-21	RB2043	174529.35	4986.55	4986.55	29386992.19	29386992.19
6500.03-21	RB2043	58176.45	1662.18	1662.18	9795664.06	9795664.06
6500.03-21	RB2043	407235.14	11635.29	11635.29	68569648.45	68569648.45
6500.03-21	RB2043	232705.80	6648.74	6648.74	39182656.25	39182656.25
6500.03-21	RB2043	407235.14	11635.29	11635.29	68569648.45	68569648.45
6500.03-21	RB2043	58176.45	1662.18	1662.18	9795664.06	9795664.06
6500.03-21	RB2043	290882.24	8310.92	8310.92	48978320.32	48978320.32
6500.03-21	RB2043	290882.24	8310.92	8310.92	48978320.32	48978320.32
6500.03-21	RB2043	116352.90	1662.18	3324.37	19591328.13	19591328.13
6500.03-21	RB2043	116352.90	3324.37	3324.37	19591328.13	19591328.13
6500.03-21	RB2043	581764.49	1662.18	16621.84	97956640.64	97956640.64
6500.03-21	RB2043	7679291.25	219408.32	219408.32	1293027656.40	1293027656.40
6500.03-21	RB2043	1687117.02	48203.34	48203.34	284074257.85	284074257.85
6500.03-21	RB2043	232705.80	1662.18	6648.74	39182656.25	39182656.25
6500.03-21	RB2043	174529.35	4986.55	4986.55	29386992.19	29386992.19
6500.03-21	RB2043	58176.45	1662.18	1662.18	9795664.06	9795664.06
6500.03-21	RB2043	174529.35	4986.55	4986.55	29386992.19	29386992.19
6500.03-21	RB2043	174529.35	4986.55	4986.55	29386992.19	29386992.19
6500.03-21	RB2043	3199704.69	91420.13	91420.13	538761523.50	538761523.50
6500.03-22	RB2045	554699.79	12326.66	12326.66	93399527.35	93399527.35
6500.03-22	RB2045	750476.19	16677.25	16677.25	126364066.42	126364066.42
6500.03-22	RB2045	32629.40	725.10	725.10	5494089.84	5494089.84
6500.03-22	RB2045	65258.80	1450.20	1450.20	10988179.69	10988179.69
6500.03-22	RB2045	32629.40	725.10	725.10	5494089.84	5494089.84
6500.03-22	RB2045	65258.80	1450.20	1450.20	10988179.69	10988179.69
6500.03-22	RB2045	32629.40	725.10	725.10	5494089.84	5494089.84
6500.03-22	RB2045	65258.80	1450.20	1450.20	10988179.69	10988179.69
6500.03-22	RB2045	97888.20	2175.29	2175.29	16482269.53	16482269.53
6500.03-22	RB2045	261035.20	5800.78	5800.78	43952718.76	43952718.76
6500.03-22	RB2045	65258.80	1450.20	1450.20	10988179.69	10988179.69
6500.03-22	RB2045	65258.80	1450.20	1450.20	10988179.69	10988179.69
6500.03-22	RB2045	32629.40	725.10	725.10	5494089.84	5494089.84

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6500.03-22	RB2045	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-22	RB2045	Guinardia sp.	Bacillariophyceae	Centrales	Rhizosoleniaceae
6500.03-22	RB2045	Gyrodinium sp.	Dinophyceae	Gymnodiniales	Gymnodiniaceae
6500.03-22	RB2045	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-22	RB2045	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-22	RB2045	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-22	RB2045	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-22	RB2045	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-22	RB2045	Unknown Cyanophyte sp.	Myxophyceae	0	0
6500.03-22	RB2045	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-23	RB2047	Achnanthyidium sp.	Bacillariophyceae	Pennales	Achnanthyidiaceae
6500.03-23	RB2047	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-23	RB2047	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-23	RB2047	Chlamydomonas sp.	Chlorophyceae	Volvocales	Chlamydomonadaceae
6500.03-23	RB2047	Cryptomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-23	RB2047	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-23	RB2047	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-23	RB2047	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-23	RB2047	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-23	RB2047	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-23	RB2047	Mastogloia sp.	Bacillariophyceae	Pennales	Mastogloiaceae
6500.03-23	RB2047	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-23	RB2047	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-23	RB2047	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-23	RB2047	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmataceae
6500.03-23	RB2047	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-23	RB2047	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-24	RB-AV003	Achnanthyidium sp.	Bacillariophyceae	Pennales	Achnanthyidiaceae
6500.03-24	RB-AV003	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-24	RB-AV003	Aulacoseira spp.	Bacillariophyceae	Centrales	Aulacoseiraceae
6500.03-24	RB-AV003	Calothrix sp.	Myxophyceae	Nostocales	Rivulariaceae
6500.03-24	RB-AV003	Chroomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-24	RB-AV003	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-24	RB-AV003	Cryptomonas sp.	Cryptophyceae	Cryptomonadales	Cryptomonadaceae
6500.03-24	RB-AV003	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-24	RB-AV003	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-24	RB-AV003	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-24	RB-AV003	Diatoma sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-24	RB-AV003	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-24	RB-AV003	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-24	RB-AV003	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-24	RB-AV003	Gomphonema sp.	Bacillariophyceae	Pennales	Gomphonemataceae
6500.03-24	RB-AV003	Gyrodinium sp.	Dinophyceae	Gymnodiniales	Gymnodiniaceae
6500.03-24	RB-AV003	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmataceae

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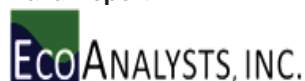


6500.03-22	RB2045	Gomphonema	sp.	0		1	1.00	1	32629.40
6500.03-22	RB2045	Guinardia	sp.	H.Peragallo		1	1.00	1	32629.40
6500.03-22	RB2045	Gyrodinium	sp.	0		1	1.00	1	32629.40
6500.03-22	RB2045	Gyrosigma	sp.	0		1	1.00	1	32629.40
6500.03-22	RB2045	Navicula	spp.	0		144	1.00	144	4698633.54
6500.03-22	RB2045	Nitzschia	spp.	0		30	1.00	30	978881.99
6500.03-22	RB2045	Pleurosigma	spp.	0		1	1.00	1	32629.40
6500.03-22	RB2045	Tryblionella	sp.	0		2	1.00	2	65258.80
6500.03-22	RB2045	0	0	0		1	17.00	17	32629.40
6500.03-22	RB2045	0	0	0		55	1.00	55	1794616.98
6500.03-23	RB2047	Achnanthydium	sp.	Kützing		7	1.00	7	1291803.28
6500.03-23	RB2047	Amphora	spp.	0		23	1.00	23	4244496.49
6500.03-23	RB2047	Bacillaria	sp.	0		2	1.00	2	369086.65
6500.03-23	RB2047	Chlamydomonas	sp.	0		2	1.00	2	369086.65
6500.03-23	RB2047	Cryptomonas	sp.	0		1	1.00	1	184543.33
6500.03-23	RB2047	Cymbella	sp.	0		1	1.00	1	184543.33
6500.03-23	RB2047	Delphineis/Rhaphoneis	0	0		2	1.00	2	369086.65
6500.03-23	RB2047	Frustulia	sp.	0		6	1.00	6	1107259.95
6500.03-23	RB2047	Gomphonema	sp.	0		1	1.00	1	184543.33
6500.03-23	RB2047	Gyrosigma	sp.	0		5	1.00	5	922716.63
6500.03-23	RB2047	Mastogloia	sp.	0		1	1.00	1	184543.33
6500.03-23	RB2047	Melosira	sp.	0		5	1.60	8	922716.63
6500.03-23	RB2047	Navicula	spp.	0		100	1.00	100	18454332.55
6500.03-23	RB2047	Nitzschia	spp.	0		112	1.00	112	20668852.46
6500.03-23	RB2047	Pleurosigma	spp.	0		4	1.00	4	738173.30
6500.03-23	RB2047	Tryblionella	sp.	0		7	1.00	7	1291803.28
6500.03-23	RB2047	0	0	0		23	1.00	23	4244496.49
6500.03-24	RB-AV003	Achnanthydium	sp.	Kützing		21	1.00	21	868319.56
6500.03-24	RB-AV003	Amphora	spp.	0		13	1.00	13	537531.16
6500.03-24	RB-AV003	Aulacoseira	spp.	0		1	6.00	6	41348.55
6500.03-24	RB-AV003	Calothrix	sp.	0		1	12.00	12	41348.55
6500.03-24	RB-AV003	Chroomonas	sp.	0		2	1.00	2	82697.10
6500.03-24	RB-AV003	Cocconeis	spp.	0		4	1.00	4	165394.20
6500.03-24	RB-AV003	Cryptomonas	sp.	0		2	1.00	2	82697.10
6500.03-24	RB-AV003	Cyclotella	sp.	0		6	1.00	6	248091.30
6500.03-24	RB-AV003	Cymbella	sp.	0		12	1.00	12	496182.61
6500.03-24	RB-AV003	Delphineis/Rhaphoneis	0	0		5	1.00	5	206742.75
6500.03-24	RB-AV003	Diatoma	sp.	0		3	1.00	3	124045.65
6500.03-24	RB-AV003	Entomoneis	sp.	0		5	1.00	5	206742.75
6500.03-24	RB-AV003	Eunotia	spp.	0		8	1.00	8	330788.40
6500.03-24	RB-AV003	Frustulia	sp.	0		3	1.00	3	124045.65
6500.03-24	RB-AV003	Gomphonema	sp.	0		10	1.00	10	413485.50
6500.03-24	RB-AV003	Gyrodinium	sp.	0		2	1.00	2	82697.10
6500.03-24	RB-AV003	Gyrosigma	sp.	0		2	1.00	2	82697.10

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6500.03-22	RB2045	32629.40	725.10	725.10	5494089.84	5494089.84
6500.03-22	RB2045	32629.40	725.10	725.10	5494089.84	5494089.84
6500.03-22	RB2045	32629.40	725.10	725.10	5494089.84	5494089.84
6500.03-22	RB2045	32629.40	725.10	725.10	5494089.84	5494089.84
6500.03-22	RB2045	4698633.54	104414.08	104414.08	791148937.59	791148937.59
6500.03-22	RB2045	978881.99	21752.93	21752.93	164822695.33	164822695.33
6500.03-22	RB2045	32629.40	725.10	725.10	5494089.84	5494089.84
6500.03-22	RB2045	65258.80	1450.20	1450.20	10988179.69	10988179.69
6500.03-22	RB2045	554699.79	725.10	12326.66	93399527.35	93399527.35
6500.03-22	RB2045	1794616.98	39880.38	39880.38	302174941.44	302174941.44
6500.03-23	RB2047	1291803.28	30757.22	30757.22	217511917.61	217511917.61
6500.03-23	RB2047	4244496.49	101059.44	101059.44	714682015.01	714682015.01
6500.03-23	RB2047	369086.65	8787.78	8787.78	62146262.17	62146262.17
6500.03-23	RB2047	369086.65	8787.78	8787.78	62146262.17	62146262.17
6500.03-23	RB2047	184543.33	4393.89	4393.89	31073131.09	31073131.09
6500.03-23	RB2047	184543.33	4393.89	4393.89	31073131.09	31073131.09
6500.03-23	RB2047	369086.65	8787.78	8787.78	62146262.17	62146262.17
6500.03-23	RB2047	1107259.95	26363.33	26363.33	186438786.52	186438786.52
6500.03-23	RB2047	184543.33	4393.89	4393.89	31073131.09	31073131.09
6500.03-23	RB2047	922716.63	21969.44	21969.44	155365655.44	155365655.44
6500.03-23	RB2047	184543.33	4393.89	4393.89	31073131.09	31073131.09
6500.03-23	RB2047	1476346.60	21969.44	35151.11	248585048.70	248585048.70
6500.03-23	RB2047	18454332.55	439388.87	439388.87	3107313108.72	3107313108.72
6500.03-23	RB2047	20668852.46	492115.53	492115.53	3480190681.77	3480190681.77
6500.03-23	RB2047	738173.30	17575.55	17575.55	124292524.35	124292524.35
6500.03-23	RB2047	1291803.28	30757.22	30757.22	217511917.61	217511917.61
6500.03-23	RB2047	4244496.49	101059.44	101059.44	714682015.01	714682015.01
6500.03-24	RB-AV003	868319.56	21178.53	21178.53	146206357.84	146206357.84
6500.03-24	RB-AV003	537531.16	13110.52	13110.52	90508697.71	90508697.71
6500.03-24	RB-AV003	248091.30	1008.50	6051.01	41773245.10	41773245.10
6500.03-24	RB-AV003	496182.61	1008.50	12102.01	83546490.20	83546490.20
6500.03-24	RB-AV003	82697.10	2017.00	2017.00	13924415.03	13924415.03
6500.03-24	RB-AV003	165394.20	4034.00	4034.00	27848830.07	27848830.07
6500.03-24	RB-AV003	82697.10	2017.00	2017.00	13924415.03	13924415.03
6500.03-24	RB-AV003	248091.30	6051.01	6051.01	41773245.10	41773245.10
6500.03-24	RB-AV003	496182.61	12102.01	12102.01	83546490.20	83546490.20
6500.03-24	RB-AV003	206742.75	5042.51	5042.51	34811037.58	34811037.58
6500.03-24	RB-AV003	124045.65	3025.50	3025.50	20886622.55	20886622.55
6500.03-24	RB-AV003	206742.75	5042.51	5042.51	34811037.58	34811037.58
6500.03-24	RB-AV003	330788.40	8068.01	8068.01	55697660.13	55697660.13
6500.03-24	RB-AV003	124045.65	3025.50	3025.50	20886622.55	20886622.55
6500.03-24	RB-AV003	413485.50	10085.01	10085.01	69622075.16	69622075.16
6500.03-24	RB-AV003	82697.10	2017.00	2017.00	13924415.03	13924415.03
6500.03-24	RB-AV003	82697.10	2017.00	2017.00	13924415.03	13924415.03



6500.03-24	RB-AV003	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-24	RB-AV003	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-24	RB-AV003	Odontella sp.	Bacillariophyceae	Centrales	Triceratiaceae
6500.03-24	RB-AV003	Pinnularia spp.	Bacillariophyceae	Pennales	Pinnulariaceae
6500.03-24	RB-AV003	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmaaceae
6500.03-24	RB-AV003	Pyramimonas sp.	Chlorophyceae	Volvocales	Prasinophyceae
6500.03-24	RB-AV003	Stephanopyxis sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-24	RB-AV003	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-24	RB-AV003	Trachelomonas sp.	Euglenophyceae	Euglenales	Euglenaceae
6500.03-24	RB-AV003	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-24	RB-AV003	Unknown pennales sp.	Bacillariophyceae	Pennales	0
6500.03-25	RB2013 DUP	Achnanthydium sp.	Bacillariophyceae	Pennales	Achnanthydiaceae
6500.03-25	RB2013 DUP	Amphora spp.	Bacillariophyceae	Pennales	Catenulaceae
6500.03-25	RB2013 DUP	Bacillaria sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-25	RB2013 DUP	Cocconeis spp.	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-25	RB2013 DUP	Cyclotella sp.	Bacillariophyceae	Centrales	Stephanodiscaceae
6500.03-25	RB2013 DUP	Cylindrotheca spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-25	RB2013 DUP	Cymbella sp.	Bacillariophyceae	Pennales	Cymbellaceae
6500.03-25	RB2013 DUP	Delphineis/Rhaphoneis	Bacillariophyceae	Pennales	Achnanthyaceae
6500.03-25	RB2013 DUP	Entomoneis sp.	Bacillariophyceae	Pennales	Entomoneidaceae
6500.03-25	RB2013 DUP	Eunotia sp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-25	RB2013 DUP	Eunotia spp.	Bacillariophyceae	Pennales	Eunotiaceae
6500.03-25	RB2013 DUP	Fragilaria sp.	Bacillariophyceae	Pennales	Fragilariaceae
6500.03-25	RB2013 DUP	Frustulia sp.	Bacillariophyceae	Pennales	Amphipleuraceae
6500.03-25	RB2013 DUP	Gyrosigma sp.	Bacillariophyceae	Pennales	Pleurosigmaaceae
6500.03-25	RB2013 DUP	Melosira sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-25	RB2013 DUP	Navicula spp.	Bacillariophyceae	Pennales	Naviculaceae
6500.03-25	RB2013 DUP	Nitzschia spp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-25	RB2013 DUP	Pleurosigma spp.	Bacillariophyceae	Pennales	Pleurosigmaaceae
6500.03-25	RB2013 DUP	Stephanopyxis sp.	Bacillariophyceae	Centrales	Melosiraceae
6500.03-25	RB2013 DUP	Surirella sp.	Bacillariophyceae	Pennales	Surirellaceae
6500.03-25	RB2013 DUP	Tryblionella sp.	Bacillariophyceae	Pennales	Bacillariaceae
6500.03-25	RB2013 DUP	Unknown pennales sp.	Bacillariophyceae	Pennales	0

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6500.03-24	RB-AV003	Navicula	spp.	0	58	1.00	58	2398215.93
6500.03-24	RB-AV003	Nitzschia	spp.	0	92	1.00	92	3804066.64
6500.03-24	RB-AV003	Odontella	sp.	0	2	1.00	2	82697.10
6500.03-24	RB-AV003	Pinnularia	spp.	0	2	1.00	2	82697.10
6500.03-24	RB-AV003	Pleurosigma	spp.	0	2	1.00	2	82697.10
6500.03-24	RB-AV003	Pyramimonas	sp.	0	1	1.00	1	41348.55
6500.03-24	RB-AV003	Stephanopyxis	sp.	(Ehrenberg) Ehrenberg	2	5.50	11	82697.10
6500.03-24	RB-AV003	Surirella	sp.	0	1	1.00	1	41348.55
6500.03-24	RB-AV003	Trachelomonas	sp.	0	2	1.00	2	82697.10
6500.03-24	RB-AV003	Tryblionella	sp.	0	6	1.00	6	248091.30
6500.03-24	RB-AV003	0	0	0	32	1.00	32	1323153.61
6500.03-25	RB2013 DUP	Achnantheidium	sp.	Kützing	10	1.00	10	1608163.27
6500.03-25	RB2013 DUP	Amphora	spp.	0	21	1.00	21	3377142.86
6500.03-25	RB2013 DUP	Bacillaria	sp.	0	1	1.00	1	160816.33
6500.03-25	RB2013 DUP	Cocconeis	spp.	0	2	1.00	2	321632.65
6500.03-25	RB2013 DUP	Cyclotella	sp.	0	4	1.00	4	643265.31
6500.03-25	RB2013 DUP	Cylindrotheca	spp.	0	1	1.00	1	160816.33
6500.03-25	RB2013 DUP	Cymbella	sp.	0	1	1.00	1	160816.33
6500.03-25	RB2013 DUP	Delphineis/Rhaphoneis	0	0	3	1.00	3	482448.98
6500.03-25	RB2013 DUP	Entomoneis	sp.	0	3	1.00	3	482448.98
6500.03-25	RB2013 DUP	Eunotia	sp.	0	2	1.00	2	321632.65
6500.03-25	RB2013 DUP	Eunotia	spp.	0	1	1.00	1	160816.33
6500.03-25	RB2013 DUP	Fragilaria	sp.	0	3	1.00	3	482448.98
6500.03-25	RB2013 DUP	Frustulia	sp.	0	1	1.00	1	160816.33
6500.03-25	RB2013 DUP	Gyrosigma	sp.	0	1	1.00	1	160816.33
6500.03-25	RB2013 DUP	Melosira	sp.	0	1	2.00	2	160816.33
6500.03-25	RB2013 DUP	Navicula	spp.	0	77	1.00	77	12382857.14
6500.03-25	RB2013 DUP	Nitzschia	spp.	0	119	1.00	119	19137142.86
6500.03-25	RB2013 DUP	Pleurosigma	spp.	0	1	1.00	1	160816.33
6500.03-25	RB2013 DUP	Stephanopyxis	sp.	(Ehrenberg) Ehrenberg	2	3.00	6	321632.65
6500.03-25	RB2013 DUP	Surirella	sp.	0	4	1.00	4	643265.31
6500.03-25	RB2013 DUP	Tryblionella	sp.	0	4	1.00	4	643265.31
6500.03-25	RB2013 DUP	0	0	0	41	1.00	41	6593469.39

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6500.03-24	RB-AV003	2398215.93	58493.07	58493.07	403808035.95	403808035.95
6500.03-24	RB-AV003	3804066.64	92782.11	92782.11	640523091.50	640523091.50
6500.03-24	RB-AV003	82697.10	2017.00	2017.00	13924415.03	13924415.03
6500.03-24	RB-AV003	82697.10	2017.00	2017.00	13924415.03	13924415.03
6500.03-24	RB-AV003	82697.10	2017.00	2017.00	13924415.03	13924415.03
6500.03-24	RB-AV003	41348.55	1008.50	1008.50	6962207.52	6962207.52
6500.03-24	RB-AV003	454834.05	2017.00	11093.51	76584282.68	76584282.68
6500.03-24	RB-AV003	41348.55	1008.50	1008.50	6962207.52	6962207.52
6500.03-24	RB-AV003	82697.10	2017.00	2017.00	13924415.03	13924415.03
6500.03-24	RB-AV003	248091.30	6051.01	6051.01	41773245.10	41773245.10
6500.03-24	RB-AV003	1323153.61	32272.04	32272.04	222790640.52	222790640.52
6500.03-25	RB2013 DUP	1608163.27	36549.17	36549.17	270780142.33	270780142.33
6500.03-25	RB2013 DUP	3377142.86	76753.25	76753.25	568638298.90	568638298.90
6500.03-25	RB2013 DUP	160816.33	3654.92	3654.92	27078014.23	27078014.23
6500.03-25	RB2013 DUP	321632.65	7309.83	7309.83	54156028.47	54156028.47
6500.03-25	RB2013 DUP	643265.31	14619.67	14619.67	108312056.93	108312056.93
6500.03-25	RB2013 DUP	160816.33	3654.92	3654.92	27078014.23	27078014.23
6500.03-25	RB2013 DUP	160816.33	3654.92	3654.92	27078014.23	27078014.23
6500.03-25	RB2013 DUP	482448.98	10964.75	10964.75	81234042.70	81234042.70
6500.03-25	RB2013 DUP	482448.98	10964.75	10964.75	81234042.70	81234042.70
6500.03-25	RB2013 DUP	321632.65	7309.83	7309.83	54156028.47	54156028.47
6500.03-25	RB2013 DUP	160816.33	3654.92	3654.92	27078014.23	27078014.23
6500.03-25	RB2013 DUP	482448.98	10964.75	10964.75	81234042.70	81234042.70
6500.03-25	RB2013 DUP	160816.33	3654.92	3654.92	27078014.23	27078014.23
6500.03-25	RB2013 DUP	160816.33	3654.92	3654.92	27078014.23	27078014.23
6500.03-25	RB2013 DUP	321632.65	3654.92	7309.83	54156028.47	54156028.47
6500.03-25	RB2013 DUP	12382857.14	281428.57	281428.57	2085007095.95	2085007095.95
6500.03-25	RB2013 DUP	19137142.86	434935.06	434935.06	3222283693.74	3222283693.74
6500.03-25	RB2013 DUP	160816.33	3654.92	3654.92	27078014.23	27078014.23
6500.03-25	RB2013 DUP	964897.96	7309.83	21929.50	162468085.40	162468085.40
6500.03-25	RB2013 DUP	643265.31	14619.67	14619.67	108312056.93	108312056.93
6500.03-25	RB2013 DUP	643265.31	14619.67	14619.67	108312056.93	108312056.93
6500.03-25	RB2013 DUP	6593469.39	149851.58	149851.58	1110198583.56	1110198583.56

6500.03-11	Original Abundance	Relative Abundance	QC Abundance	Relative Abundance	Percent Similarity
Achnanthes	0	0.00%	4	1.33%	0.00%
Achnantheidium	13	4.32%	0	0.00%	0.00%
Amphora	40	13.29%	35	11.67%	11.67%
Aulacoseira	0	0.00%	2	0.67%	0.00%
Bacillaria sp.	0	0.00%	2	0.67%	0.00%
Bacillariophyceae	0	0.00%	8	2.67%	0.00%
Centrales	0	0.00%	4	1.33%	0.00%
Cocconeis	11	3.65%	43	14.33%	3.65%
Cyclotella	2	0.66%	0	0.00%	0.00%
Cymbella	19	6.31%	0	0.00%	0.00%
Delphineis/Rhaphoneis sp.	1	0.33%	0	0.00%	0.00%
Diploneis	0	0.00%	7	2.33%	0.00%
Eunotia	7	2.33%	0	0.00%	0.00%
Frustulia	2	0.66%	0	0.00%	0.00%
Gomphonema	1	0.33%	0	0.00%	0.00%
Gyrosigma	0	0.00%	2	0.67%	0.00%
Melosira	0	0.00%	6	2.00%	0.00%
Navicula	90	29.90%	56	18.67%	18.67%
Nitzschia	38	12.62%	56	18.67%	12.62%
Paralia	3	1.00%	31	10.33%	1.00%
Pennales	65	21.59%	24	8.00%	8.00%
Pinnularia	1	0.33%	1	0.33%	0.33%
Pleurosigma	3	1.00%	4	1.33%	1.00%
Rhoicosphenia abbreviata (Agardh) Lange-Bertalot	0	0.00%	2	0.67%	0.00%
Skeletonema	0	0.00%	2	0.67%	0.00%
Surirella	2	0.66%	6	2.00%	0.66%
Tabularia tabulata (Agardh) Snoeijs	0	0.00%	5	1.67%	0.00%
Trachelomonas	1	0.33%	0		0.33%
Tryblionella	2	0.66%	0	0.00%	0.00%
TOTAL	301		300		57.93%

6500.03-14	Original Abundance	Relative Abundance	QC Abundance	Relative Abundance	Percent Similarity
Achnanthidium	16	5.33%	36	12.00%	5.33%
Amphora	21	7.00%	70	23.33%	7.00%
Asterionella formosa Hassall	0	0.00%	1	0.33%	0.00%
Aulacoseira	2	0.67%	1	0.33%	0.33%
Bacillaria sp.	1	0.33%	8	2.67%	0.33%
Campylodiscus	1	0.33%	0	0.00%	0.00%
Centrales	0	0.00%	2	0.67%	0.00%
Chaetoceros	1	0.33%	0	0.00%	0.00%
Chroomonas	2	0.67%	0	0.00%	0.00%
Cocconeis	6	2.00%	22	7.33%	2.00%
Coscinodiscus	6	2.00%	0	0.00%	0.00%
Cyclotella	7	2.33%	0	0.00%	0.00%
Cylindrotheca	1	0.33%	0	0.00%	0.00%
Cymbella	5	1.67%	6	2.00%	1.67%
Delphineis/Rhaphoneis sp.	7	2.33%	0	0.00%	0.00%
Diatoma	5	1.67%	4	1.33%	1.33%
Diploneis	2	0.67%	0	0.00%	0.00%
Entomoneis	7	2.33%	0	0.00%	0.00%
Epithemia	0	0.00%	2	0.67%	0.00%
Eunotia	3	1.00%	0	0.00%	0.00%
Fragilaria	1	0.33%	0	0.00%	0.00%
Frustulia	2	0.67%	0	0.00%	0.00%
Gomphonema	2	0.67%	18	6.00%	0.67%
Gomphosphenia	0	0.00%	2	0.67%	0.00%
Gyrosigma	1	0.33%	10	3.33%	0.33%
Heterosigma	2	0.67%	0	0.00%	0.00%
Melosira	0	0.00%	11	3.67%	0.00%
Navicula	35	11.67%	55	18.33%	11.67%
Nitzschia	113	37.67%	42	14.00%	14.00%
Paralia	4	1.33%	0	0.00%	0.00%
Pennales	26	8.67%	3	1.00%	1.00%
Placoneis	0	0.00%	2	0.67%	0.00%
Planothidium	0	0.00%	1	0.33%	0.00%
Pleurosigma	3	1.00%	4	1.33%	1.00%

Pyromimonas sp.	2	0.67%	0	0.00%	0.00%
Skeletonema	3	1.00%	0	0.00%	0.00%
Striatella	1	0.33%	0	0.00%	0.00%
Surirella	4	1.33%	0	0.00%	0.00%
Trachelomonas	2	0.67%	0	0.00%	0.00%
Tryblionella	5	1.67%	0	0.00%	0.00%
Unknown Dinoflagellate	1	0.33%	0	0.00%	0.00%
TOTAL	300		300		46.67%

	Original Abundance	Relative Abundance	QC Abundance	Relative Abundance	Percent Similarity
6527.03-24					
Achnanthes	0	0.00%	1	0.33%	0.00%
Achnantheidium	137	45.67%	2	0.65%	0.65%
Amphora	14	4.67%	35	11.44%	4.67%
Bacillaria sp.	1	0.33%	36	11.76%	0.33%
Bacillariophyceae	0	0.00%	20	6.54%	0.00%
Centrales	0	0.00%	1	0.33%	0.00%
cf Dickieia	0	0.00%	4	1.31%	0.00%
Chlamydomonas	3	1.00%	0	0.00%	0.00%
Cocconeis	40	13.33%	29	9.48%	9.48%
Cyclotella	1	0.33%	0	0.00%	0.00%
Delphineis/Rhaphoneis sp.	4	1.33%	0	0.00%	0.00%
Diploneis	1	0.33%	4	1.31%	0.33%
Entomoneis	3	1.00%	1	0.33%	0.33%
Epithemia	0	0.00%	2	0.65%	0.00%
Eunotia	2	0.67%	0	0.00%	0.00%
Fallacia	0	0.00%	3	0.98%	0.00%
Fragilaria	1	0.33%	0	0.00%	0.00%
Frustulia	1	0.33%	0	0.00%	0.00%
Gomphonema	0	0.00%	2	0.65%	0.00%
Gyrosigma	0	0.00%	1	0.33%	0.00%
Hantzschia spp	0	0.00%	6	1.96%	0.00%
Hemiselmis	1	0.33%	0	0.00%	0.00%
Melosira	2	0.67%	2	0.65%	0.65%
Navicula	46	15.33%	50	9.80%	9.80%

Nitzschia	18	6.00%	34	11.11%	6.00%
Odontella	9	3.00%	14	4.58%	3.00%
Paralia	0	0.00%	14	4.58%	0.00%
Pennales	15	5.00%	36	11.76%	5.00%
Placoneis	0	0.00%	6	1.96%	0.00%
Plagiotropis	0	0.00%	11	3.59%	0.00%
Planothidium	0	0.00%	3	0.98%	0.00%
Raphoneis	0	0.00%	3	0.98%	0.00%
Skeletonema	0	0.00%	6	1.96%	0.00%
Trachelomonas	1	0.33%	0	0.00%	0.00%
TOTAL	300		306		40.25%

Achnantheidium sp._63x_6500.03.01.tif
Amphora sp. 2_63x_6500.03.13.tif
Aulacoseira sp._63x_6500.03.02.tif
Bacillaria sp._63x_6500.03.20.tif
Calothrix sp._63x_6500.03.24.tif
Campylodiscus sp. 2_63x_6500.03.02.tif
Chaetoceros sp._63x_6500.03.14.tif
Chlamydomonas sp._63x_6500.03.16.tif
Chroomonas sp._63x_6500.03.10.tif
Cocconeis sp._63x_6500.03.03.tif
Coccinodiscus sp._63x_6500.03.14.tif
Cryptomonas sp._63x_6500.03.21.tif
Cyclotella sp._63x_6500.03.03.tif
Cylindrotheca sp.2_63x_6500.03.14.tif
Cymbella sp._63x_6500.03.02.tif
Delphineis_Rhaphoneis_63x_6500.03.08.tif
Diatoma sp._6500.03.01.tif
Didymosphenia sp._63x_6500.03.02.tif
Diploenis sp. 2_63x_6500.03.08.tif
Dunaliella sp._63x_6500.13.13.tif
Entomoneis sp._63x_6500.03.20.tif
Euglena sp._63x_6500.03.20.tif
Eunotia sp._63x_6500.03.02.tif
Fragilaria sp. 3_63x_6500.03.02.tif
Frustulia sp._63x_6500.03.01.tif
Gomphonema sp._63x_6500.03.05.tif
Guinardia sp._63x_6500.03.20.tif
Gymnodinium sp._63x_6500.03.19.tif
Gyrodinium sp._63x_6500.03.06.tif
Gyrosigma subangustum_63x_6500.03.07.tif
Gyrosigma_sp._63x_6500.03.02.tif
Hemiselmis sp._63x_6500.03.16.tif
Heterosigma sp._63x_6500.03.13.tif
Hillea sp._63x_6500.03.17.tif
Leptolyngbya sp._63x_6500.03.13.tif
Matogloia sp._63x_6500.03.23.tif
Melosira sp._63x_6500.03.01.tif
Navicula_sp._63x_6500.03.13.tif
Nitzschia sp. 3_63x_6500.03.03.tif
Odontella rhombus_63x_6500.03.16.tif
Paralia sulcata_63x_6500.03.11.tif
Pinnularia sp._40x_6500.03.07.tif
Pleurosigma sp._63x_6500.03.04.tif
Protoperidinium sp._63x_6500.03.02.tif
Pyromimonas sp._63x_6500.03.01.tif
Rhodomonas sp._63x_6500.03.13.tif
Skeletonema sp._63x_6500.03.14.tif
Striatella sp._63x_6500.03.14.tif
Surirella sp._63x_6500.03.04.tif
Trachelomonas sp._63x_6500.03.10.tif
Tryblionella sp._63x_6500.03.01.02.tif
Unknown algae_63x_6500.03.17.tif
Unknown Centric Diatom 3_63x_6500.03.01.tif

Unknown Cyanobacteria_63x_63x_6500.03.22.tif
Unknown Dinoflagellate_63x_6500.03.14.tif
Unknown Dinoflagellate_63x_6500.03.18.tif
Unknown Pennate Diatom_63x_6500.03.01.tif