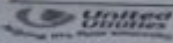


January 2021
Analysis

AMBLESIDE AREA PHO. JOMETER TEST RESULTS

Sample			Test Results							Comments	A/C	
Date	Site	Sample description	Phos	Iron	Amo	Comp	Snap	OSM	pH			Patn result
04-1-21	Ambleston	FE	0051	1-10	0057		✓		7.6	0.6	MLSS: 1890	80
05-1-21	"	"	0075	1-03	0013		✓		7.6	0.9	MLSS: 1839	80
06-1-21	"	FE	0033	0952	0.010		✓		7.5	0.5	MLSS: 1900	80
08/01/21	"	"	0097	0897	0007		✓		7.60	0.5	MLSS: 1849	80
11/01/21	"	"	0.203	1.43	0.072		✓		7.23	2.2	" = 1690	80
13/01/21	"	"	0.060	0.851	0.139		✓		7.66	0.6	" = 1764	80
14/01/21	"	"	0.075	1.17	0.126		✓		7.70	1.6	" = 1740	80
15/01/21	"	"	0.031	1.22	0.151		✓		8.10	2.0	" = 1810	80
18-01-21	"	FE	0082	1.71	0.14		✓		7.8	2.2	" = 1275	80
19-01-21	"	FE	0047	1.74	0.106		✓		8.0	3.2	" = 1550	80
20/01/21	"	"	0.166	2.16*	0.058		✓		^{7.6} 7.60	2.8	" = 1694	80
21/01/21	"	URBAN FE	0.253	3.11*	0.132		✓		^{7.8} 7.82	5.0	" = 1664	80
22/01/21	"	FE	0.191	0.957	0.047		✓		7.91	4.1	" = 1610	80
25-1	"	"	0063	0357	0.168		✓		6.9	2.2	" = 1910	80
26-1	"	"	0011	0251	0.144		✓		6.8	1.8	" = 1710	80
28/01	"	"	0.095	0.279	0.399		✓		6.44	2.2	" = 1580	80
29/01	"	"	0.070	1.70	0.009		✓		6.85	2.6	" = 1625	80



FEBRUARY 2021

AMBLESIDE AREA PHO. JMETER TEST RESULTS

Sample			Test Results								Comments	Acc
Date	Site	Sample description	Phos	Iron	Ammo	Comp	Snap	OGM	pH	PaIn result		
01/02	AMBLESIDE	FE	0.016	0.917	0.108		✓		6.88	1.1	MLSS= 1906	80
03-02	—	—	0.059	1.07	0.541		✓		7.2	1.4	MLSS 1790	80
04-2	—	—	0.038	1.89	0.086		✓		7.2	3.3	MUS 1710	80
05-2	—	—	0.055	0.582	0.054		✓		7.02	3.2	MUS 1690	80
08-2	—	FE	0.025 Neg	0.912	0.145 Neg		✓		7.14	0.7	MUS 1745	80
09-2	—	FE	0.072 Neg	0.784	0.139 Neg		✓		7.1	1.0	MUS 1680	80
10-2	—	—	0.032	0.415	0.015		✓		7.04	0.3	MLSS 1825	80
11-2	—	OSM FE	0.013 Neg	0.432	0.398 UMS		✓		6.84	1.0	MUS 17.10	80
12-2	—	FE	0.002 UMS	0.357	0.286 UMS		✓		6.90	0.2	MUS 1755	80
15/2	—	—	0.113	1.15	0.113		✓		6.80	2.2	MLSS= 1850	80
17-2	—	Dist	0.093	1.51	0.024		✓		6.77	1.0	MUS = 1945	80
19-2	—	—	0.105	1.31	0.130		✓		6.8	2.2	MUS = 1916	80
22/2	—	—	0.150	1.85	0.053		✓		7.23	1.6	— = 1600	80
23-2	—	—	0.116	1.47	0.033		✓		7.14	3.8	— = 1744	80
24/2	—	* SITE FLOODED	0.133	1.28	0.124		✓		6.58	10.3	— = 235*	
25/2	—	FE	0.300	1.64	0.424		✓		9.10?	10	— = 43*	
26-2	—	FE	0.086	0.891	1.22		✓			1.5	— = 544	80

MARCH 2021

AMBLESIDE AREA PHO. JMETER TEST RESULTS

Sample		Test Results										
Date	Site	Sample description	Phos	Iron	Ammo	Comp	Snap	OSM	pH	Pain result	Comments	Atk
01/03	AMBLESIDE	FE	0.167	1.48	3.40		✓		7.49	5.5	MLSS = 1000 *	80
02/03	"	"	0.035	1.04	2.57		✓		7.34	4.2	" = 992 *	80
03-03	"	"	0038	0.88	4.02		✓		7.07	3.5	MLSS 1355 *	80
04-03	"	"	0026	1.08	5.45		✓		6.8	2.2	MLSS 1495 *	80
05/03	"	"	0.032	1.03	4.27		✓		6.86	1.1	" = 1499 *	80
08/03	"	"	0.076	1.52	5.97*		✓		6.80	1.1	" = 1480 *	80
09/03	"	"	0.055	1.23	5.78*		✓		6.77	0.9	" = 1482 *	80
10/03	"	"	0.063	2.11	3.22		✓		6.75	3.0	" = 1625	80
11/03	"	"	0.128	0.443	0.055		✓		6.89	2.3	" = 1890	80
12/03	"	"	0.072	1.77	0.066		✓		7.01	1.8	" = 1958	80
15/03	"	"	0.036	0.992	0.256		✓		6.82	1.3	" = 2049	80
16-03	"	"	0012	0.499	0.103		✓		6.75	0.5	" = 2045	80
17-03	"	"	0003	0.569	0.170		✓		6.70	0.4	" = 2140	80
18/03	"	(UW _W)	0.016	0.500	0.040		✓	" _H	6.86	1.3	" = 2167	80
19/03	"	"	0.038	1.03	0.301		✓	" _H	7.38	1.0	" = 2388	80
22/03	"	"	0.025	0.705	0.092		✓	" _H	7.01	0.8	" = 2150	80
24/03	"	"	0.028	1.02	0.115		✓	" _H	6.93	1.0	" = 2224	80
26/03	"	"	0.048	1.02	0.073		✓		6.79	1.0	" = 2100	80
28-29	AMBLESIDE	SITE FLOODED										

APRIL 2021

AMBLESIDE AREA PHO. JOMETER TEST RESULTS

Date	Site	Sample description	Test Results							Comments	ALK	
			Phos	Iron	Amno	Comp	Snap	OSM	pH			Pain result
1/4/21	AMBLESIDE	FE	0.037	0.948	3.60		✓		7.05	2.8	MLSS-1190	80
4-4-21	"	"	0.017	0.494	2.78		✓		6.72	0.2	MLSS-2120/1950	80
6-4-21	"	"	0.280	0.551	2.22		✓		7.4	0.4	MLSS/900	80
7-4-21	"	"	0.038	0.946	1.50		✓		7.4	0.7	MLSS 2000	80
8-4	"	"	0.058	1.34	0.532		✓		7.14	1.0	MLSS 1950	80
9-4	"	"	0.083	1.05	0.097		✓		7.08	0.7	MLSS 2300	80
12/4	"	"	0.301	0.847	0.048		✓		6.89	0.5	MLSS-2580	80
13/4	"	"	0.349	1.49	0.066		✓		6.70	1.2	"-2500	80
14-4	"	"	0.295	1.14	4.12	0.250	✓		6.79	1.0	"-2515	60
15-4	"	FL	0.300	1.75	1.29		✓	H/H	6.69 6.94	2.0	"-2600	60
16/4	"	"	*0.477	2.09	1.17		✓		6.70	2.0	"-2615	60
19/4	"	"	*0.580	0.621	1.99		✓		6.82	1.5	"-2450	60
20/4	"	"	0.416	2.35	0.038		✓		7.03	1.5	"-2445	60
21/4	"	"	0.236	1.93	0.016		✓		6.88	1.5	"-2568	40
22-4	"	"	0.296	0.601	1.11		✓	H/H	6.10	0.2	"-2545	60
26-4	"	"	0.496*	1.88	0.025		✓		6.74	1.0	"-2515	40
27/4	"	"	0.668*	1.54	1.57		✓		6.76	1.6	"-2223	40
28-4	"	"	0.290	1.84	0.039		✓		6.69	1.5	"-2361	60
29/4	"	"	*0.366	1.69	0.055		✓		6.78	1.0	"-1990	60
30/4	"	"	*0.379	1.56	0.006		✓		6.66	1.8	"-2400	

May 21

AMBLESIDE AREA PHO. JOMETER TEST RESULTS

Date	Site	Sample description	Test Results					SP	Pore Press	Comments	ACC
			Phi	psi	Amplitude	Comp	Struc				
05/05	Amble	FC	0.408	1.47	0.016			6.7	1.1	MLD - 2580	60
06/05	"	"	0.302	2.02	0.016			6.95	2.4	2722	60
06/05	"	"	0.216	1.24	0.109			6.91	1.3	2778	60
07/05	"	"	0.197	1.27	0.062			6.76	1.1	1999	80
10/05	"	"	0.236	1.19	0.059			6.76	0.8	2373	60
11/05	"	"	0.226	1.34	0.133			6.72	1.0	1907	60
12/05	"	"	0.121	1.33	0.016			6.67	1.0	1966	80
13-3	"	"						6.66	0.7	2085	
14-3	"	"	0.173	0.990	0.093			6.65	1.0	2020	80
16-5	"	"	0.224	1.05	0.055			6.5	0.7	2007	60
17/05	"	"	0.217	1.62	0.142			6.52	1.0	1910	60
19-05	"	"	0.210	1.77	0.11			6.54	1.8	2250	60
24/05	"	"	0.144	1.12	0.032			7.03	1.3	2343	60
26/05	"	"	0.126	1.11	0.073			7.03	1.4	2580	120*
27/05	"	"	0.148	1.25	0.040			6.78	1.4	2419	80
28/05	"	"	0.214	1.09	0.036			6.76	1.3	2334	80
30-05	"	"	0.261	1.41	0.131			6.79	0.9	2468	60

AMBLESIDE AREA (PHO.) OSMETER TEST RESULTS

Time	Site	Sample Description	Flow	Rate	Temp	Time	Time	Time	Time	Time	Time	Time
11/18	AmbleSide	FE	0.451	1.85	0.470	✓	7.03	1.6	2485	1350	30	
12/18	"	"	0.498	1.80	0.480	✓	6.53	1.0	2175	80		
14/18	"	"	0.216	1.07	0.367	✓	6.37	0.8	2210	80		
15/18	"	"	0.350	1.80	0.470	✓	6.75	1.4	2260	80		
16/18	"	"	0.23	1.04	0.200	✓	6.36	2.0	2430	60		
17/18	"	"	0.425	1.00	0.420	✓	7.03	1.0	2354	80		
18/18	"	"	0.271	1.39	0.435	✓	6.58	1.0	2359	80		
19/18	"	"	0.288	1.73	0.453	✓	7.02	1.4	2338	80		
20/18	"	"	0.176	1.44	0.477	✓	6.30	0.7	2420	80		
22/18	"	"	0.707	1.84	0.644	✓	6.8	1.7	2141	80		
23/18	"	"	0.721	3.10	1.73	✓	6.96	1.2	2850	80		
24/18	"	"	0.677	1.20	0.321	✓	6.60	1.2	2338	40		
25/18	"	"	0.796	1.53	0.550	✓	7.2	1.0	1880	100		
27/18	"	FE	0.505	1.40	0.97	✓	6.72	2.1	2240	60		
28/18	"	FE	0.675	1.21	1.82	✓	6.51	0.9	2171	80		
29/18	"	"	1.00	1.38	0.447	✓	7.00	1.3	2000	80		
30/18	"	FE	0.503	0.95	0.103	✓	6.32	0.7	2190	80		
31/18	"	"	0.873	1.62	0.600	✓	7.07	2.0	2170	120		
32/18	"	"	1.05	1.32	0.089	✓	7.07	1.5	2120	80		
33/18	"	"	0.413	1.19	0.061	✓	6.58	1.2	1880	60		

SEPTEMBER 2021 AMBLESIDE AREA PHUOMETER TEST RESULTS

Date	Site	Sample Description	Test Results			Comp	Dist	Time	Penetration			AU
			Pen	Tip	Area				SP	Pen	Area	
01/09	Ambleside	FE	0.347	1.35	0.147	✓	✓	6.5	1.4	1950	---	40
02/09	---	---	0.332	1.50	0.016	✓	✓	6.7	1.3	2010	---	80
03/09	---	---	0.436	2.05	0.118	✓	✓	6.3	1.7	2109	---	80
06/09	---	---	0.300	1.1	0.032	✓	✓	6.70	1.0	2020	---	60
07/09	---	---	0.629	2.25	0.050	✓	✓	6.89	1.2	2031	---	60
08/09	---	OSM	0.491	2.28	0.163	✓	✓	6.89	1.0	2301	---	80
09/09	---	FE	0.570	2.63	0.093	✓	✓	6.70	2.0	2650	---	60
10/09	---	---	0.586	2.70	0.309	✓	✓	6.6	1.5	2580	---	50
13/09	---	OSM	0.416	1.52	0.073	✓	✓	8.0	0.5	2153	---	40
15/09	---	FE	0.152	0.727	0.077	✓	✓	7.09	0.3	2230	---	40
17/09	---	---	0.434	2.78	0.033	✓	✓	7.19	2.0	2333	---	60
18/09	---	---	0.334	1.82	0.019	✓	✓	7.20	1.0	1996	---	80
23/09	---	---	0.353	2.08	0.056	✓	✓	7.02	1.5	2352	---	80
25/09	---	---	0.339	2.43	0.004	✓	✓	7.25	1.4	2192	---	80
27/09	---	---	1.40	0.352	0.196	✓	✓	7.22	1.8	2056	---	60
28/09	---	---	0.537	1.82	1.40	✓	✓	7.20	0.5	2125	---	80
29/09	---	---	1.81	0.890	0.724	✓	✓	7.32	1.3	2040	---	80
30/09	---	---	0.385	0.929	0.030	✓	✓	7.21	1.1	2065	---	80

OCTOBER 2012

AMBLESIDE AREA PHOTO METER TEST RESULTS

Date	Site	Sample Description	Test Results			Comp	Dist	Cond	pH	Temp	Comments	Alt
			Flow	Sec	Area							
6/10/12	AMBLESIDE	FE	0.211	1.09	0.041		✓		7.32	0.5	MLSS: 2150	80
6/10/12	---	---	0.143	0.456	0.313		✓		7.24	1.3	MLSS: 1995	50
10/10/12	---	---	0.076	1.43	0.008		✓		7.5	1.0	MLSS: 2000	80
06/10	---	---	0.085	0.931	0.081		✓		7.41	0.8	MLSS: 1593	80
07/10	---	---	0.080	1.22	0.077		✓		7.2	1.5	MLSS: 2016	100
11/10	---	(0.408)	0.068	1.46	0.061		✓		7.02	1.0	MLSS: 2733	120
14/10	---	FE	0.201	1.50	0.106		✓		7.42	1.3	MLSS: 2650	80
15/10	---	FE	0.073	1.04	0.153		✓		6.7	0.7	MLSS: 3000	80
16/10	---	FE	0.103	1.96	0.015		✓		6.87	2.0	MLSS: 2510	80
16/10	---	FE	0.116	1.87	0.186		✓		6.7	1.8	MLSS: 2230	60
17/10	---	---	---	---	---		✓		6.69	2.0	MLSS: 2945	60
18/10	---	---	---	---	---		✓		6.72	2.2	MLSS: 2615	50
19/10	---	---	0.178	1.76	0.260		✓		6.63	2.6	MLSS: 2376	80
20/10	---	---	0.176	2.01	0.301		✓		6.64	1.0	MLSS: 2219	60
20/10	---	---	0.136	1.22	0.040		✓		6.72	2.2	MLSS: 2250	---
21/10	---	---	---	---	---		✓		6.90	1.9	MLSS: 2323	80
22/10	---	---	0.178	1.86	0.132		✓		6.7	1.7	MLSS: 2296	50
25/10	---	---	0.300	1.54	0.028		✓		6.56	1.8	" 2333	60
26/10	---	---	0.402	2.05	0.232		✓		6.62	1.7	" 2212	80
27/10	---	---	0.453	1.82	0.118		✓					

November 2021

AMBLESIDE AREA PHU. METER TEST RESULTS

Date	Site	Sample description	Test Results			pH	Temp	DO	TSS	Turb	Comments	M&C
			Flow	Rate	Area							
01/12	Ambleside	FG	*0589	*1.86	*3.02	✓	6.77	6.9	1510	120	80	
02	---	"	*0434	*2.51	*1.57	✓	6.07	6.9	1628	120	80	
03	---	0342	0342	0342	292	✓	6.70	6.8	2312	60	80	
04	---	---	---	---	---	✓	6.88	5.1	2695	60	80	
05	---	---	0073	*3.47	*5.24	✓	6.88	1.8	2780	60	80	
08	---	* FG	*205	0179	*812	✓	6.86	1.0	2150	80	80	
09	---	FG	---	---	---	✓	6.70	1.1	2125	60	80	
10	---	---	0131	1.06	2.83	✓	6.50	0.8	2240	60	80	
13	---	---	*0888	0817	0.167							

APRIL 2022

AMBLESIDE AREA PHU... METER TEST RESULTS

Date	Site	Sample Description	Test Results							Comments	Max
			Flow	Vol	Acids	Cond	Bras	Clas	PH		
4/4/22	AMBLESIDE 101	FE	1.57	2.58	0.612		✓	6.49	2.0	MLSS 2045	60
5/4/22							✓	7.16	1.7	2.165	
6/4/22							✓	7.11	1.7	2.314	
7/4/22							✓	7.11	1.8	2.341	
8/4/22			0.265	2.75	0.512		✓	7.10	1.7	2.538	60
11/4/22			0.772	2.83	1.39		✓	7.01	1.2	2.327	40
12/4/22			0.685	2.80	0.179		✓	7.08	1.3	2.835	60
13/4/22			0.450	2.92	0.753		✓	6.90	1.6	2.725	60
14/4/22			0.730	2.90	1.19		✓	6.98	1.9	2.338	40
18-4-22			1.29	2.94	0.036		✓	7.00	1.3	3.000	50
19-4-22			1.64	2.56	0.116		✓	7.07	1.2	2.856	70
20-4-22			1.818	2.96	0.001		✓	7.10	1.3	2.625	50
22-4-22			1.31	2.86	0.907		✓	7.06	1.1	2.390	70
25-4-22			1.41	2.82	0.052		✓	7.10	1.1	2.916	60
26-4-22							✓		1.4	2.550	
27-4-22			0.915	3.05	0.076		✓	7.07	1.4	2.550	50
28/4/22			1.13	3.16	0.042		✓	7.06	2.6	2.335	60
29/4/22			0.662	3.33	0.060		✓	7.06	2.8	2.820	60

* OSM 21/04/22 *



MAY 2022

AMBLESIDE AREA PHU... METER TEST RESULTS

Date	Site	Sample Description	Test Results					Flow	Pressure	Temp	Remarks	Acc
			Flow	Iron	Ammonia	Conduct	Strand					
1/5/22	AMBLESIDE	FE	1.77	3.08	0.021	✓	6.9	6.87	2.6	MASS - 2905	70	
3/5/22			0.595	1.73	0.032	✓	6.4	6.78	1.8	2845	40	
4/5/22			0.224	0.882	0.034	✓	6.1	6.70	0.5	2435	40	
5/5/22			0.249	0.893	0.029	✓	6.7	6.74	0.6	2604	60	
6-5-22			0.231	0.949	0.048	✓	6.79	6.71	0.5	2415	50	
9/5/22			0.274	0.863	0.051	✓	6.75	6.72	0.6	2422	60	
10/5/22			0.124	0.641	0.069	✓	6.64	6.59	0.8	2715	40	
11/5/22		OSM	0.269	0.447	0.034	✓	7.33	7.47	0.4	2754	80	
12/5/22		FE	0.088	0.854	0.026	✓	6.75	6.70	0.7	2427	60	
13/5/22			0.106	0.949	0.041	✓	7.10	6.54	0.4	2497	100	
16-5-22		Fe	1.21	1.18	1.99	✓	6.91	6.41	0.8	2525	60	
17-5-22		Fe				✓	6.20	6.05	0.3	2650	1	
18-5-22		Fe	0.636	4.84	0.057	✓	7.31	6.80	0.6	2812	80	
19/5/22			0.851	0.126	0.033	✓	7.14	6.59	0.3	2887	40	
20/5/22			0.242	0.603	0.041	✓	6.81	6.08	0.5	2645	60	
23/5/22			1.01	0.167	0.009	✓	7.02	7.07	0.9	2327	40	
24/5/22			0.240	0.719	0.017	✓	6.83	6.77	0.2	2810	60	
24/5/22			0.696	0.292	0.026	✓	7.15	7.20	0.8	2810	80	
26/5/22			0.803	0.229	2.64	✓	7.14	7.11	1.2	2760	60	
27-5-22			1.71	0.125	0.061	✓	7.21	7.10	0.7	2725	60	
30-5-22			1.06	0.556	0.272	✓	6.60	6.62	0.4	2565	40	
31/5/22			0.936	1.45	0.053	✓	6.78	6.78	0.8	2667	40	

June 2022

AMBLESIDE AREA PHU. METER TEST RESULTS

Sample	Site	Sample description	Flow	Iron	Ammonia	Temp	Depth	Flow rate	Flow meter	Comments	NR
6/2	Ambleholoc	FG	0.513	0.550	0.034		670	6.78	0.3	MED = 2611	50
6/2			0.195	0.495	0.124		661	6.68	0.3	MED = 2611	50
6/6			0.110	0.615	0.008		680	6.95	1.0	→ → = 2470	40
6/6			0.032	0.660	0.018		691	7.08	0.8	→ → = 2576	60
6/6			0.133	1.50	0.566		695	7.00	1.5	→ → = 2417	60
6/6			0.019	0.729	0.053		680	6.88	0.8	→ → = 2575	50
10-12			0.003	0.576	0.008		687	6.96	0.4	→ → = 2678	50
11-16			0.063	0.513	0.067		684	7.80	0.5	→ → = 2600	50
12/06			0.061	0.857	0.017		678	6.87	1.3	→ → = 2516	40
12/06			0.119	0.703	0.251		727	7.39	1.2	→ → = 2238	40
14/06			0.217	2.21	0.057		718	7.30	2.3	→ → = 2423	60
17/06			0.283	0.970	0.174		718	7.14	1.3	→ → = 2326	60
16/6			0.466	2.00	0.145		708	7.20	1.4	→ → = 2616	60
21/6			0.436	1.74	0.052		725	7.37	0.9	→ → = 2670	60
22/06			0.459	2.65	0.100		711	7.21	1.0	→ → = 2620	60
23/06			1.81	1.63	13.2	see 200	742	7.53	12.4	→ → = 3006	120
24/06			0.641	0.220	0.550		724	7.37	1.6	→ → = 2602	60
27-06			0.511	2.40	0.027		698	7.03	2.0	→ → = 2410	50
29-06			1.11	1.08	0.009		704	7.17	0.7	→ → = 2820	40
30/06			0.602	2.02	0.002		696	7.07	1.8	→ → = 2567	50

28-06-22 MACH 3900 CALIBRATED @ A end of WWTV



July 2007

AMBLESIDE AREA PH. METER TEST RESULTS

Date	Site	Sample description	Test Results			Comp	Prog	PH	Temp	Cond	DO	Comments	ALK
			PH	Cond	DO								
01/07	AMBLESIDE	FE	1.24	1.25	0.005	✓	7.01	7.05	1.6	MISS	2638	50	
04/07	---	---	0.314	1.57	0.023	✓	7.11	7.24	1.0	---	2500	60	
07/07	---	---	0.393	1.5	0.041	✓	7.13	7.27	0.8	---	2200	50	
08/07	---	---	0.613	1.60	0.063	✓	7.20	7.24	1.1	---	2475	50	
11/07	---	---	1.03	1.63	0.235	✓	7.10	7.29	1.4	---	2429	50	
12/07	---	---	1.08	1.56	0.178	✓	7.30	7.30	3.1	---	2508	40	
13/07	---	---	0.748	2.09	0.376	✓	7.08	7.38	2.6	---	2632	40	
15/07	---	---	0.523	1.80	0.134	✓	7.30	7.47	1.7	---	2650	50	
18/07	---	---	1.09	1.26	0.114	✓	7.17	7.20	1.1	---	2375	50	
20/07	---	---	1.50	1.40	0.191	✓	7.20	7.37	1.2	---	2510	50	
21/07	---	---	---	---	---	✓	7.23	7.23	0.7	---	2600	50	
25/07	---	---	1.31	1.20	0.081	✓	7.14	7.32	0.7	---	2400	40	
26/07	---	---	1.16	1.46	0.063	✓	7.15	7.15	1.2	---	2454	40	
27/07	---	---	0.949	1.53	0.064	✓	7.17	7.31	1.3	---	2525	40	
28/07	---	OSM	0.868	1.23	0.096	✓	6.78	7.26	2.0	---	2525	50	
29/07	---	FE	0.793	1.81	0.031	✓	6.84	7.27	2.0	---	2675	40	



AUGUST 22

AMBLESIDE AREA PH. J. METER TEST RESULTS

Date	Site	Sample Description	Test Results					MH	SP	Flow	Comments	Alt	
			Flow	Temp	Acid	Comp	Base						
01/08	AMBLESIDE	OSM	0.830	1.62	0.143		✓	7.27	OSM	1.4	MLSS-2353	50	
02/08	"	FE	0.683	2.00	0.240		✓	6.89	7.13	1.8	"-2328	50	
03/08	"	"	0.793	1.54	0.056		✓	6.77	7.15	1.6	"-2570	60	
05/08	"	"	0.410	1.21	0.140		✓	6.98	7.34	1.4	"-2710	70	
08/08	"	"	0.740	1.51	0.105		✓	6.84	7.36	1.3	"-2599	50	
10/08	"	"	0.563	2.04	0.844		✓	6.86	7.40	2.0	"-2546	60	
11/08	"	"							7.31	1.4	"-2342		
12/08	"	"							6.90	7.36	1.0	"-2650	
13/08	"	"							7.0	7.34	0.8	"-2411	
16/08	"	"	0.840	1.71	0.113		✓	7.3	6.98	1.2	"-2659	50	
17/08	"	"	0.792	1.32	0.14		✓	7.0	7.60	1.4	"-2711	80	
19/08	"	"	0.679	1.33	0.012		✓	7.01	7.48	1.5	"-2690	40	
22/08	"	"	1.02	1.55	0.043		✓	6.93	7.36	1.3	"-2420	40	
23/08	"	"	0.957	1.48	0.066		✓	7.05	7.51	1.2	"-2250	60	
25/08	"	"	0.864	1.77	0.063		✓	6.94	7.31	1.2	"-2240	40	
26/08	"	"	0.518	2.00	0.071		✓	6.97	7.34	1.0	"-2644	40	
29/08	"	"	1.61	1.38	0.034		✓	6.90	7.35	1.1	"-2310	50	
30/08	"	"	1.68	2.35	0.223		✓	6.97	7.50	1.3	"-2435	70	

SEPTEMBER 2021

AMBLESIDE AREA PHC. OJETER TEST RESULTS

Date	Site	Sample Description	Test Results			Temp	pH	DO	Turbidity	Total Solids	Comments
			Flow	Rate	Amount						
01/09	AMBLESIDE	FC	1.75	2.27	0.022	50	7.77	1.6	MLSS = 2490		
02/09						60	7.50	1.8	2420		
05/09			1.29	1.84	0.110		7.57	1.8	2165		
07/09			1.16	1.74	0.041	70	7.53	1.5	2240		
08/09			0.680	2.15	0.127	40	7.40	1.8	2410		
09/09			0.673	1.64	0.072	50	7.5	1.7	2370		
11/09			1.65	1.89	0.075	70	7.35	1.8	2300		
15/09			0.786	1.83	0.056	60	7.48	2.0	2148		
18/09			1.91	1.37	0.091	70	7.66	1.4	2210		
20/09			1.04	1.27	0.089	50	7.51	1.2	2352		
21/09							7.5	1.09	2010		
26/09			0.956	1.74	0.049	70	7.10	1.3	2330		
27/09							7.1	1.6	2415		
28/09			1.03	1.74	0.089	70	7.16	1.4	2245		
29/09			1.69	1.82	0.022	80	7.8	2.4	2274		

October 2022

AMBLESIDE AREA PHU. JOMETER TEST RESULTS

Date	Site	Sample description	Test Results			AWC	Soil	Depth	Soil Temp	Moisture	Comments
			Temp	Soil	AWC						
3/10	AMBLESIDE	FE	2.85	1.61	0.140	70		22.4°C	1.3	MISS. 2465	
05/10	---	---	1.42	1.13	0.111	40		22.6°C	3.0	---	
11/10	---	---	0.151	1.53	0.050	80		22.4°C	1.3	---	
14/10	---	---	0.059	1.20	0.032	50		22.4°C	0.7	---	
17/10	---	---	0.144	1.48	0.030	60		22.4°C	1.1	---	
19/10	---	---	0.094	1.42	0.027	60		22.7°C	0.9	---	
20/10	---	WOSM+	0.206	1.76	0.031	50		22.4°C	1.1	---	
21/10	---	FE	0.099	1.55	0.003	50		22.4°C	1.2	---	
24/10	---	---	1.28	1.77	0.028	90		22.6°C	1.5	---	
25/10	---	---	0.325	2.38	0.035	70		22.6°C	1.2	---	
28/10	---	---	0.074	2.40	0.060	70		22.6°C	1.6	---	
31/10	---	WOSM+	0.410	2.28	0.065	80		22.6°C	1.7	---	

NOVEMBER 2022

AMBLESIDE AREA PHU. JOMETER TEST RESULTS

Date	Site	Sample Description	Test Results			pH		Temp	Cond	DO	Turb	Comments
			Flow	Rate	Area	Start	End					
01-11-22	Amble	OSM	1.06	216	0.058	6.99	6.99	1.6	2445			
03/11/22	"	SWAP	0.402	0.188	0.096	6.91	0.6	2150				
07/11/22	"	FS	0.117	0.114	0.116	6.93	0.6	2285				
08/11/22	"	"	0.213	0.205	0.074	6.95	0.7	2219				
09/11/22	"	"	0.216	0.148	0.039	7.2	7.22	0.6	1900			
12-11-22	"	"	0.207	0.185	0.102	7.3	7.21	0.8	1921			
11/11	"	"	0.191	0.190	0.036	7.2	7.10	0.8	1775			
14/11	"	"	0.218	0.421	0.074	7.2	7.04	1.2	2210			
16/11	"	"	0.160	0.114	0.063	7.2	7.09	1.1	2886			
18/11	"	"	0.152	0.199	0.043	7.4	7.01	1.2	2391			
21/11	"	"	0.152	0.259	0.031	7.6	6.99	1.3	2296			
21/11	"	"	0.212	0.134	0.069	7.1	6.99	0.9	2210			
23/11	"	"	0.146	0.141	0.028	7.6	7.00	1.0	2316			
25/11	"	"	0.134	0.232	0.019	7.2	7.05	1.0	2132			
28/11	"	"	0.363	0.375	0.000	7.1	6.97	1.7	2222			
29-11	"	"	0.609	0.413	0.096	7.14	6.95	2.0	2310			
30/11	"	"	0.218	0.384	0.066	7.49	7.04	2.7	2217			



Wastewater Treatment

AMBLESIDE

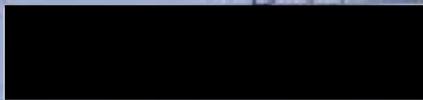
Version: 1
Issue date: 25/11/2022
Expiry date: 25/11/2025

Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing: *FEBRUARY 2023*

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMON (mg/l)	DO (ppm)	pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
01/02	<i>AmB</i>	<i>FE</i>	<i>1.71</i>	<i>0.666</i>	<i>0.217</i>	<i>6.80</i>	<i>6.85</i>	<i>0.2</i>	<i>2115</i>	—	<i>80</i>	<i>7.1</i>
03/02	—	—	<i>0.009</i>	<i>0.688</i>	<i>0.279</i>	<i>6.70</i>	<i>6.92</i>	<i>0.3</i>	<i>2160</i>	—	<i>80</i>	<i>7.7</i>
06/02	—	—	<i>0.010</i>	<i>0.743</i>	<i>0.129</i>	<i>6.64</i>	<i>6.93</i>	<i>0.4</i>	<i>2250</i>	—	—	<i>7.1</i>
08/02	—	—	<i>0.001</i>	<i>0.628</i>	<i>0.178</i>	<i>6.62</i>	<i>6.91</i>	<i>0.3</i>	<i>2320</i>	—	<i>60</i>	<i>7.2</i>
09/02	—	—	<i>0.004</i>	<i>0.692</i>	<i>0.052</i>	<i>6.50</i>	<i>6.86</i>	<i>0.6</i>	<i>2178</i>	—	<i>60</i>	<i>6.9</i>
10/02	—	—	<i>0.011</i>	<i>0.600</i>	<i>0.650</i>	<i>6.60</i>	<i>6.86</i>	<i>0.4</i>	<i>2320</i>	—	<i>60</i>	<i>7.4</i>
13/02	—	—	<i>0.059</i>	<i>0.738</i>	<i>0.733</i>	<i>6.79</i>	<i>6.82</i>	<i>0.4</i>	<i>2523</i>	—	<i>40</i>	<i>8.2</i>
15/02	—	—	<i>0.067</i>	<i>0.917</i>	<i>1.44</i>	<i>6.62</i>	<i>6.81</i>	<i>0.5</i>	<i>2480</i>	—	<i>40</i>	<i>8.0</i>
17/02	—	—	<i>0.068</i>	<i>2.13</i>	<i>0.908</i>	<i>6.74</i>	<i>6.92</i>	<i>1.8</i>	<i>2255</i>	—	<i>80</i>	<i>7.9</i>
21/02	—	—	<i>0.069</i>	<i>0.285</i>	<i>0.289</i>	<i>6.94</i>	<i>7.21</i>	<i>1.6</i>	<i>1684</i>	—	<i>80</i>	<i>7.9</i>
23-02	—	<i>FE</i>	<i>0.63</i>	<i>0.597</i>	<i>0.012</i>	<i>6.89</i>	<i>7.01</i>	<i>0.4</i>	<i>2000</i>	—	<i>90</i>	<i>7.2</i>
27-02	—	<i>DMJ</i>				<i>6.66</i>	<i>7.05</i>	<i>0.4</i>	<i>2150</i>	—	<i>80</i>	<i>7.8</i>

** OSM 15/2/23*



Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing:

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	SS (ppm)	pH (ppm)	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FF Temperature (°C)
03/03	AMBLESIDE	FE	0.128	0.442	0.052	6.50	6.70	0.2	2210	—	60	7.4
06/03	—	—	1.78	0.961	0.074	6.63	7.00	0.5	2520	—	50	7.4
07/03	—	—	0.346	0.898	0.020	6.70	6.98	0.5	2084	—	40	8.0
08/03	—	—	0.297	0.871	0.079	6.56	6.62	0.5	2390	—	40	7.1
09/03	—	—	0.236	1.17	0.048	6.70	6.84	0.6	2310	—	60	7.0
10/03	—	—	0.496	0.990	0.081	6.64	6.43	0.5	2195	—	70	6.7
13/03	—	—	0.552	0.691	0.109	6.49	6.90	0.7	2415	—	60	6.2
15/03	—	—	0.431	1.76	0.067	6.53	6.83	1.9	2004	—	40	7.3
17/03	—	—	0.385	0.770	0.006	6.74	6.91	0.6	1200	—	40	7.0
20/03	—	—	0.821	2.25	1.63	6.56	6.78	2.9	2168	—	60	7.2
22/03	—	—	0.022	0.904	0.098	6.58	6.80	0.6	2310	—	40	6.9
24/03	—	—	0.060	1.74	0.095	6.68	6.92	0.9	1510	—	40	6.9
27/03	—	—	0.323	2.33	1.61	6.62	6.87	2.6	2266	—	40	7.4
28/03	—	—	0.422	2.68	0.276	6.60	6.78	1.4	2330	—	40	7.5
29/03	—	—	0.278	1.84	0.003	6.56	6.74	2.2	2250	—	60	7.6
30/03	—	—	0.304	2.24	0.099	6.59	6.69	1.6	2152	—	50	7.8
31/03	—	—	0.019	0.746	0.063	6.40	6.68	0.9	2160	—	50	8.0

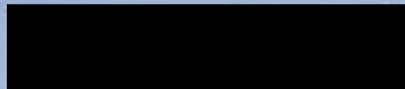
* 14/03 OSM * * 30/3 TERT FERRIC DOSING INCR 3 1/2 → 5 1/2 *
 * 31/03 CAUSTIC MOLAR RATIO 4 → 3. * Page 1 of 1

Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing:

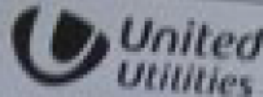
Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	ISE pH	Turbidity (NTU)	MLSS (mg/l)	Residue (mg/l)	Alkalinity (mg/l)	RE Temperature (°C)
03-04-23	AMBLESIDE	FE	0.061	0.614	0.204	6.58	7.25	0.2	2145	—	50	8.6
05-04	—	FE	2.15	1.71	0.511	6.65	6.93	1.0	2122	—	80	8.8
06-04	—	FE	—	—	—	6.2	7.0	0.6	2106	—	70	9.0
07-04	—	—	0.244	1.17	0.242	6.67	7.04	0.8	2311	—	70	9.0
08-04	—	—	—	—	—	6.60	7.00	0.7	2303	—	80	8.8
09-04	—	—	—	—	—	6.67	7.05	0.8	234	—	—	9.0
09-04	—	—	0.244	1.17	0.242	6.67	7.05	0.8	2125	—	70	9.0
09-04	—	—	0.016	0.673	0.182	6.66	6.98	1.0	2337	—	80	9.1
11/04	—	FE	0.616	0.174	0.207	6.93	6.78	1.0	2311	—	70	8.6
12/04	—	—	0.664	1.68	0.100	6.85	6.95	1.0	2311	—	80	8.8
10-04	—	—	0.875	3.22	0.344	6.71	7.07	2.2	2470	—	50	10.0
11/04	—	—	0.616	0.174	0.207	6.93	6.98	1.0	2337	—	80	9.1
12/04	—	—	0.664	1.68	0.100	6.85	6.95	1.0	2311	—	70	8.6
14/04	—	—	2.08	1.30	0.344	6.80	7.04	1.0	2715	—	80	8.8
14/04	—	—	2.08	1.30	0.344	6.80	7.04	1.0	2715	—	80	8.8
14/04	—	—	2.08	1.30	0.344	6.80	7.04	1.0	2715	—	80	8.8
19/04	—	—	0.076	1.68	0.083	6.57	6.93	1.4	1830	—	80	9.0
19/04	—	—	0.076	1.68	0.083	6.57	6.93	1.4	1830	—	80	9.0
21/04	—	—	0.645	1.88	0.127	6.60	6.88	1.0	2000	—	80	9.7
24/04	—	—	0.566	1.16	0.112	6.64	6.90	0.7	2064	—	50	9.1
24/04	—	—	0.566	1.16	0.112	6.64	6.90	0.7	2064	—	50	9.1
26/04	—	—	0.577	1.68	0.092	6.45	7.10	1.5	2300	—	80	9.3
26/04	—	—	0.577	1.68	0.092	6.45	7.10	1.5	2300	—	80	9.3
27-04	—	—	0.653	0.179	0.088	6.73	7.40	1.0	2085	—	90	9.6

* 19/04 OSM *



Document is uncontrolled if printed

28/4 AMB FE 0.828 0.152 0.061 6.78 7.17 0.8 2128 - 60 9.5



Water for the North West

Wastewater Treatment

Version: 3
Issue date: 23/11/2012
Expiry date: 23/11/2015

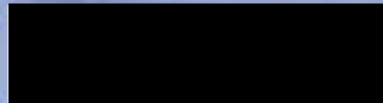
Onsite Monitoring Results Record Sheet

Available Area Photometer Testing:

MAY 2023

Date	Site	Sample Type	PHOS (mg/l)	NIER (mg/l)	AMMON (mg/l)	pH	ORP (V)	Conductivity (uS/cm)	DO (mg/l)	ORP (mg/l)	Alkalinity (mg/l)	TS Temperature (°C)
01-5-23	MOLESIDE	LC	0.528	0.767	0.127	6.65	6.85	0.5	2455	✓	70	11.0
03/05	---	---	0.100	1.61	0.030	6.56	6.88	1.2	2243	✓	60	10.8
05-05	---	---	0.047	1.33	0.047	6.60	6.90	1.0	2350	✓	70	10.6
07-05	---	---	0.083	1.75	0.163	6.65	7.05	0.4	2458	✓	70	11.5
11-05	---	---	0.264	1.04	0.167	6.87	7.17	0.6	2346	✓	60	11.4
13/05	---	---	0.302	1.02	0.084	6.68	6.96	0.5	1958	---	50	11.4
18/05	---	---	0.398	1.96	0.027	6.77	6.78	0.9	2198	---	40	12.0
19/05	---	---	0.285	1.21	0.055	6.58	6.87	0.6	2329	---	40	12.1
21-05	---	---	0.319	1.64	0.013	6.70	7.00	0.7	2271	---	60	13.1
24-05	---	---	0.110	0.70	0.013	6.50	7.01	0.3	2000	✓	60	
25/05												
26/05	---	---	1.09	0.628	0.080	6.60	6.98	0.3	2100	---	---	14.2
30/05	---	---	0.208	1.56	0.074	6.53	6.84	0.8	2240	---	40	14.0

* OSM 26/05 *





Water for the North West

Wastewater Treatment

Version: 1
Issue date: 23/01/2022
Expiry date: 23/01/2025

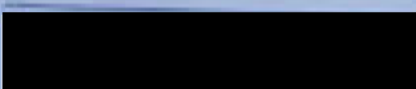
Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing:

JUNE 2023

Date	Site	Sample Type	PHOS (mg/l)	MON (mg/l)	AMMO (mg/l)	Slit µm	pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
01-06-23	Ambleside	FG	0.499	1.36	0.30	6.63	6.89	0.9	2270	—	80	15.1
02-06-23	—	—	0.399	2.79	0.036	6.60	6.85	1.3	2180	—	50	14.4
03-06-23	—	—	0.812	2.44	0.043	6.60	—	1.2	2300	—	40	14.9
04-06-23	—	—	0.770	2.68	0.134	6.68	6.99	1.4	2042	—	50	14.3
07-06-23	—	—	0.678	2.40	0.076	6.67	6.80	1.0	1140	—	50	14.9
08-06-23	—	—	0.103	12.5	0.035	6.60	—	1.0	2111	—	60	15.4
09-06-23	—	—	0.121	0.886	0.022	6.50	6.75	0.5	2089	—	60	15.6
12-06-23	—	—	0.236	1.59	0.086	6.68	6.80	0.9	1789	—	60	16.5
14-06-23	—	—	0.161	1.77	0.561	6.68	6.92	1.1	1957	—	80	17.2
16-06-23	—	—	0.075	1.40	0.086	6.61	6.90	0.7	2024	—	60	17.
19-06-23	—	—	0.205	2.52	0.393	6.60	6.88	1.9	2299	—	60	16.3
20-06-23	—	—	0.448	3.01	0.067	6.56	—	1.8	2040	—	80	16.3
21-06-23	—	—	0.102	1.82	1.17	6.65	6.95	1.5	3076	—	50	16.5
23-06-23	—	—	0.061	2.06	0.201	6.78	6.94	1.2	2450	—	80	16.5
27-06-23	—	—	0.141	1.45	0.037	6.74	6.99	0.8	2240	—	60	15.3
30-06-23	—	—	0.069	0.982	0.118	6.70	7.39	1.6	2343	—	50	15.

* OSM 13/06 * + 30/06!



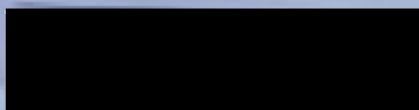
Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing

JULY 23

Date	Site	Sample Type	PHOS (mg/l)	BOD5 (mg/l)	AMANO (mg/l)	Site pH	Temp (°C)	Turbidity (NTU)	MSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
05-7-23	AMBLESIDE	FE	0608	0630	0004	6.65	6.72	0.5	2150	—	60	15.0
2/7/23	—	—	0.391	1.80	0.026	6.89	7.08	1.1	2751	—	80	14.6
5-7-23	—	FE	0033	1.55	0.038	6.78	6.85	1.0	2145	—	80	14.3
10/7/23	—	—	0.024	0.746	0.047	6.70	6.88	0.4	2166	—	50	15.2
12/7/23	—	—	0.004	0.638	0.026	6.71	6.91	0.5	2233	—	50	14.4
14/7/23	—	—	0.026	1.20	0.041	6.70	6.96	0.6	2217	—	60	14.6
17/7/23	—	—	0.036	1.21	0.006	6.80	6.82	1.0	1749	—	80	14.1
19-7-23	—	FE	0093	0634	0003	6.60	6.90	0.6	2115	—	80	14.1
21-7-23	—	—	0.375	0.141	0.067	6.71	7.18	0.3	2230	—	80	13.7
24-7-23	—	—	0.071	0.965	0.059	6.81	7.1	0.7	208	—	80	13.8
31-7-23	—	—	7.056	10.5	0.015	6.71	7.21	1.4	242	—	70	14.4

* 14/07 O.S.M. *





Water for the North West

Wastewater Treatment

Version: 1
Issue date: 21/11/2022
Expiry date: 21/11/2025

Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing:

AUGUST 2023

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Size pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
01/08	AMBLESIDE	FE	0.641	1.35	0.060	6.75	6.84	1.0	2417	—	80	14.2
03-08	—	—	—	—	—	6.62	7.00	1.0	2404	—	70	14.2
04-08	—	—	0.595	1.14	0.256	6.76	7.05	0.8	2345	—	70	14.7
7-8-23	—	—	0.341	0.758	0.020	6.70	7.8	0.3	1945	—	80	14.5
10/8/23	—	—	0.356	2.18	0.461	6.53	6.93	1.7	2345	—	80	15.6
14/8/23	—	—	0.290	2.05	0.002	6.70	6.99	1.4	2050	—	80	14.4
15/8/23	—	—	0.188	1.39	0.059	6.78	7.03	1.1	1872	—	80	14.2
16/8/23	—	—	0.181	1.17	0.032	6.77	6.98	1.2	2305	—	80	14.3
21-8-23	—	—	0.626	1.70	0.020	6.78	7.12	1.4	2100	—	80	14.6
22-8-23	—	OSM	0.735	1.80	0.064	6.73	7.25	1.4	2190	—	80	14.8
23/8/23	—	FE	0.342	0.151	0.052	6.83	6.94	0.7	2034	—	50	14.9
15-8-23	—	—	0.215	0.106	0.032	6.90	7.14	0.6	2080	—	80	14.6
29-8-23	—	FE	0.508	1.36	0.006	6.64	6.84	1.0	2240	—	80	15.1
31-8-23	—	—	0.207	1.14	0.280	6.69	6.95	0.7	2365	—	80	15.0

22-08-23 OSM

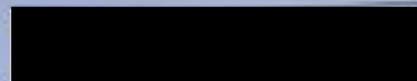
Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing: **SEPTEMBER 23**

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMONI (mg/l)	DO pH	ORP pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
4/9/23	AMBLESIDE	FE	0.437	2.10	0.092	6.72	6.89	1.5	2276	—	60	16.9
7/9/23	—	—	0.763	2.82	0.066	6.70	6.75	1.8	2520	—	50	15.9
8/9/23	—	—	—	2.52	0.175	—	—	—	2350	—	—	—
11/9/23	—	—	0.259	2.30	0.087	6.70	6.95	1.6	234	—	80	16.2
14-9-23	—	—	0.116	1.94	0.131	6.75	7.15	2.2	2415	—	80	14.7
15-9-23	—	—	0.153	2.15	0.012	6.70	7.15	2.6	2510	—	80	14.7
18-9-23	—	—	0.088	1.29	0.05	6.70	7.04	1.7	2246	—	70	14.5
20/9/23	—	—	0.063	1.12	0.217	6.65	6.80	1.6	1920	—	60	13.6
25/9/23	—	—	0.017	0.803	0.031	6.71	6.88	1.1	2231	—	80	13.1
27/9/23	—	—	0.020	0.815	0.047	6.80	6.89	1.4	2116	—	80	13.1
29/9/23	—	—	0.026	1.17	0.053	6.93	6.98	1.8	1886	—	80	12.9

PHOS
IRON
AMMONI
DO pH
ORP pH
Turbidity
MLSS
Nitrate
Alkalinity
FE Temperature

*** OSM 07/09 ***





Water for the North West

Wastewater Treatment

Version: 1
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Expiry date: 21/11/2025

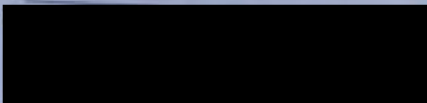
Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing: **OCTOBER 23**

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
02/10	AMBLESIDE	FE	0.007	0.813	0.024	6.90	7.14	1.8	2787	—	100	13
04-10	—	—	0.158	0.879	0.046	6.92	7.12	0.9	2435	—	80	12.7
06/10	—	—	0.033	0.905	0.038	6.80	7.03	0.7	2250	—	80	12.4
09/10	—	—	0.013	0.673	0.044	6.85	7.04	0.8	1725	—	120	13
11/10	—	—	0.035	1.35	0.010	6.94	7.02	1.4	2197	—	100	13
13-10	—	—	0.011	1.02	0.057	6.86	7.02	0.7	2222	—	80	12.6
16/10	—	—	0.103	1.57	0.037	6.87	7.02	1.1	2191	—	40	12.3
18/10	—	—	0.144	1.87	0.054	6.86	6.99	1.3	2308	—	100	12.2
19-10	—	—	0.265	2.66	0.091	6.76	7.03	2.6	2911	—	80	12.3
23-10	—	—	0.109	1.74	0.011	6.76	7.00	1.2	2340	—	80	12.0
25/10	—	—	0.126	2.02	0.012	6.70	6.79	2.0	2345	—	80	12.1
26/10	—	—	0.253	1.97	0.336	6.79	6.86	2.0	2090	—	50	12.2
27/10	—	—	0.206	2.28	0.034	6.74	6.84	2.0	2020	—	80	12.4
30/10	—	—	0.460	2.20	0.088	6.70	6.88	1.9	2620	—	60	12.2

SAS Valve
Fault?
SOS in Man

* OSM 18/10





Water for the North West

Wastewater Treatment

Version: 1
Issue date: 21/11/2022
Expiry date: 21/11/2025

Onsite Monitoring Results Record Sheet

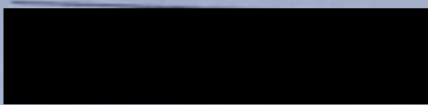
Ambleside Area Photometer Testing:

NOVEMBER 2023

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
01-11-23	AMBLESIDE	FE	0.189	2.83	0.037	6.56	/	2.0	2260	/	80	11.7 ²
03/11/23	— " —	— " —	0.119	1.89	0.033	6.86	/	1.6		/	100	11.1
06/11/23	— " —	— " —	0.165	2.70	0.011	6.74	6.80	2.0	2426	—	80	11.2
8/11/23	— " —	— " —	0.052	2.08	0.086	6.75	/	1.8	1800	—	80	10.4
9-11-23	— " —	OSM	0.017	1.26	0.103	6.81	/	1.5	1920	/	70	9.4 ⁰⁰
10/11/23	— " —	FE	0.021	1.32	0.097	6.83	7.01	1.6	2000	—	60	9.0
16-11-23	— " —	FE	0.014	1.01	0.210	7.01	/	0.8	2260	—	70	8.8
20/11/23	— " —	— " —	0.257	0.997	0.066	6.83	7.06	1.1	2304	—	60	9.4
23-11-23	— " —	— " —	0.022	2.00	0.818	6.75	7.15	1.8	1850	—	80	9.6
24/11/23	— " —	— " —	0.039	1.01	0.060	6.80	7.01	1.4	2111	—	80	9.0
27/11/23	— " —	— " —	0.035	1.25	0.052	6.78	6.89	1.1	2735	—	60	9.3
29/11/23	— " —	— " —	0.027	0.845	0.102	6.79	6.86	0.7		—	60	8.6
01/												

(A.R.)
-2)

* OSM 09/11





Water for the North West

Wastewater Treatment

23

Version: 1
Issue date: 21/11/2022
Expiry date: 21/11/2025

Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing: AMBLESIDE

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
01/12	AMBLESIDE	FE	0.130	0.174	0.040	6.80	6.88	1.0	1875	—	60	7.9
04/12	—	—	0.343	0.111	0.068	6.44	6.70	1.6	3070	—	50	7.9
05/12	—	—	0.101	0.152	0.027	6.66	6.80	1.4	2121	—	50	7.1
06/12	—	—	0.038	0.097	0.034	6.77	7.03	0.9	1578	—	80	6.7
07/12	—	—	0.067	0.113	0.112	6.77	—	1.4	2091	—	50	6.7
08/12	—	—	0.040	0.182	0.063	7.00	7.18	1.4	1770	—	80	6.0
12/12	—	OSM	0.025	0.327	0.180	6.88	7.21	1.7	2190	—	80	6.5
15/12	—	FE	0.075	0.421	0.155	6.84	—	2.0	2360	—	80	7.2
19/12/23	—	—	0.831	0.142	0.066	6.80	6.85	1.2	2377	—	50	7.9
20/12/23	—	—	0.045	0.226	0.065	6.77	6.94	1.5	2290	—	80	7.9
22-12-23	—	—	0.037	0.383	0.868	6.72	7.39	1.8	1690	—	70	0.0-9
27/12/23	—	—	0.075	0.262	0.919	6.60	6.72	1.8	2356	—	50	7.6
28/12/23	—	—	0.038	0.153	0.044	6.74	6.96	1.0	2113	—	60	7.1

* SITE SNOWED UNDER 02/12 → OK/12.

19/12 FAULTY VIALS



Water for the North West

Wastewater Treatment

Onsite Monitoring Results Record Sheet

Version: 1
Issue date: 21/11/2022
Expiry date: 21/11/2025

Ambleside Area Photometer Testing: AMBLESIDE

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
01/12	AMBLESIDE	FE	0.130	0.174	0.040	6.80	6.88	1.0	1875	—	60	7.9
04/12	—	—	0.343	0.111	0.068	6.44	6.70	1.6	3010	—	50	7.9
05/12	—	—	0.101	0.152	0.027	6.66	6.80	1.4	2121	—	50	7.1
06/12	—	—	0.038	0.097	0.034	6.77	7.03	0.9	1578	—	80	6.7
07/12	—	—	0.067	0.113	0.112	6.77	—	1.4	2091	—	50	6.7
08/12	—	—	0.040	0.182	0.063	7.00	7.18	1.4	1770	—	80	6.0
12/12	—	OSM	0.029	0.327	0.186	6.88	7.21	1.7	2190	—	80	6.8
15-12-	—	FE	0.015	0.042	0.155	6.84	—	2.0	2310	—	80	7.2
19/12/23	—	—	0.831	0.142	0.066	6.80	6.85	1.2	2377	—	50	7.9
20/12/23	—	—	0.045	0.226	0.065	6.77	6.94	1.5	2290	—	80	7.9
22-12-23	—	—	0.037	0.383	0.868	6.72	7.39	1.5	1620	—	70	0.0.5
27/12/23	—	—	0.075	0.262	0.919	6.60	6.72	1.8	2356	—	50	7.6
28/12/23	—	—	0.038	0.153	0.044	6.74	6.96	1.0	2113	—	60	7.1

* SITE SNOWED UNDER 02/12 → 04/12.

19/12 FAULTY VIALS

Onsite Monitoring Results Record Sheet

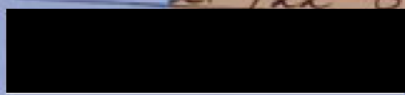
Ambleside Area Photometer Testing:

JANUARY 2024

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
02/01/24	AMBLESIDE	FE	0.295	0.049	0.052	6.40	6.70	1.8	2324	—	40	6.8
03/01/24	—	—	0.018	1.23	0.017	6.65	6.96	1.6	2803	—	60	7.1
04-01-24	—	—	0.002	1.30	0.078	6.76	7.49	1.4	2160	—	80	7.2
05/01/24	—	—	0.008	0.835	0.408	6.65	6.79	1.1	1925	—	60	7.2
08/01/24	—	—	0.040	0.652	0.095	6.72	7.01	0.6	3053	—	60	7.2
11/01/24	—	—	0.021	1.17	0.018	6.56	6.70	0.9	1653	—	60	7.1
16-01-24	—	15-1 OSM	0.021	0.587	0.124	6.43	7.20	0.5	3060	—	60	6.1
17-01-24	—	FE	0.503	0.856	0.218	6.55	7.15	1.0	2361	—	60	5.3
22/01/24	—	—	0.065	0.912	0.006	6.82	—	1.1	1644	—	40	5.1
24/01/24	—	—	0.065	0.378	0.046	7.00	7.8	2.0	720	—	80	5.5
26/01/24	—	—	0.057	1.13	0.062	6.84	7.16	1.1	1833	—	60	6.0
29/01/24	—	—	0.073	1.33	0.482	6.66	7.02	1.6	2911	—	80	6.8
31/01/24	—	—	0.028	0.629	0.126	6.63	6.96	0.9	—	—	40	6.5

Site very in snow / ICG

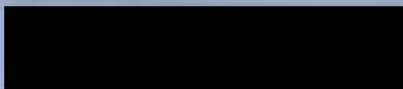
21st/22: STORM ISHA - 23rd/24: STORM JOCELYN - M/LIQ WASHED OUT *



Onsite Monitoring Results Record Sheet

Amblecside Area Photometer Testing: **FEBRUARY 2014**

Date	Site	Sample Type	total (mg/l)	total (mg/l)	total (mg/l)	Site pH	Site pH	Turbidity (NTU)	DO (mg/l)	DO (mg/l)	DO (mg/l)	DO Temperature (°C)
02/02/14	Amblecside	1 L	0.052	0.113	0.577	6.69	6.81	1.2	1315	---	50	6.4
05/02/14	---	---	0.011	0.091	0.483	6.66	7.55	1.3	1412	---	65	7.4
07/02/14	---	---	0.027	0.019	0.126	6.63	7.01	0.7	1330	---	40	7.7
08/2/14	---	---	0.043	0.32	0.75	6.63	7.38	0.6	1450	---	50	6.2
09/2/14	---	---	0.012	0.185	0.120	6.64	7.57	1.2	1450	---	50	6.4
10/2/14	---	---	0.025	0.265	7.11	7.02	6.74	3.0	1285	---	50	7.3
13/2/14	---	---	0.022	1.31	6.53	6.86	7.01	1.3	1335	---	60	7.5
14/2/14	---	---	0.022	1.34	8.41	6.91	6.93	1.6	2040	---	100	7.6
16/2/14	---	---	0.023	1.05	0.95	6.70	6.76	0.9	2310	---	80	7.3
19/2/14	---	---	0.008	1.17	3.43	6.74	6.90	1.0	2990	---	80	7.9
20/2/14	---	---	0.013	1.13	6.56	6.77	6.93	1.4	2075	---	80	7.3
21/2/14	---	---	0.015	1.37	2.45	6.72	6.76	1.5	2057	---	80	7.5
23/2/14	---	---	0.015	0.97	0.296	6.77	6.49	1.0	1695	---	60	7.0
24/2/14	---	---	0.012	1.31	3.99	6.75	6.88	1.6	2945	---	80	7.1
27/2/14	---	---	0.009	1.54	3.08	6.63	7.07	1.4	2731	---	50	7.2





Water for the North West

Wastewater Treatment

Onsite Monitoring Results Record Sheet

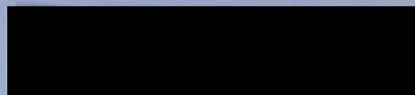
Version: 1
Issue date: 23/11/2022
Expiry date: 23/11/2025

Ambleside Area Photometer Testing:

APRIL 2024

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
02/04/24	Ambleside	FE	0.450	0.101	3.88	6.32	—	1.6	2275	—	40	9.2
03/04/24	"	"	0.046	1.64	4.32	6.50	6.77	1.4	—	—	80	9.4
04/04/24	"	"	0.042	1.88	3.05	6.46	—	2.6	2825	—	90	9.3
05/04/24	"	"	0.040	1.62	1.76	6.60	—	2.2	2233	—	50	8.8
6-4-24	"	"	0.011	0.6%	0.016	6.64	7.20	0.6	1777	—	80	8.6
8-4-24	"	"	0.017	1.13	0.767	6.56	—	2.3	1867	—	90	8.7
10-4-24	"	"	0.010	0.968	0.068	6.59	—	1.8	1856	—	40	8.4
11-4-24	"	"	0.019	1.10	0.057	6.67	7.04	0.5	1710	—	60	8.8
12/4/24	"	"	0.002	0.920	0.082	6.73	—	1.9	1760	—	80	8.3
17/4/24	"	"	0.023	1.17	0.090	6.71	—	2.3	1990	—	80	8.3
19/4/24	"	"	0.019	1.26	0.013	6.64	—	1.2	2396	—	50	8.3
22/4/24	"	"	0.054	2.24	0.017	6.70	—	1.6	2261	—	40	9.6
23/4/24	"	"	0.275	0.079	0.055	6.73	—	0.8	2206	—	40	10.
24/4/24	"	"	0.395	0.078	0.022	6.67	7.16	0.8	2210	—	40	9.6
25-4-24	"	"	0.061	2.76	0.068	6.00	6.63	1.6	2207	—	50	9.7
26/4/24	"	"	0.598	0.097	0.546	6.68	7.05	0.7	2064	—	50	9.6
29/4/24	"	"	0.683	0.207	0.518	6.60	—	2.2	1864	—	50	9.7
30/4/24	"	"	0.015	0.934	0.094	6.62	—	2.4	2167	—	50	9.8

OSM 16/04





Water for the North West

Wastewater Treatment

Version: 1
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Onsite Monitoring Results Record Sheet

** 0.5M 24/05 **

Ambleside Area Photometer Testing:

MAY 2024

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
									1972	—	60	10.3
01/05/24	PAU/SLESIDE	FE	0.125	3.49	0.072	6.52	—	3.5	1972	—	60	10.3
02/05/24	—	—	0.058	0.160	0.029	6.77	—	0.7	2350	—	50	10.7
03-05-24	—	Fe	1.83	0.065	0.047	6.73	—	0.7	2107	—	80	11.00
07/05/24	—	—	0.189	1.87	0.031	6.95	7.27	2.2	2151	—	50	12
08/05/24	—	—	0.173	0.147	0.009	6.97	7.40	1.6	2073	—	80	11.4
09/05/24	—	—	0.066	1.55	0.022	6.72	7.26	2.7	1965	—	60	11.7
10-5-24	—	—	0.04	0.976	0.050	6.8	6.86	2.2	2026	—	80	12.4
M 13/5/24	—	—	0.522	1.72	0.149	6.64	7.11	1.8	2380	—	50	13.2
14-5-24	—	—	1.09	1.93	1.94	6.63	6.94	1.9	2105	—	70	12.7
16-5-24	—	—	2.31	1.26	0.073	6.40	7.01	1.0	2000	—	90	12.2
17-5-24	—	—	0.084	0.633	0.135	6.74	7.00	0.7	2163	—	80	12.1
22/5/24	—	—	0.249	2.09	0.297	6.68	7.00	1.8	1975	—	80	12.6
23/5/24	—	—	0.027	1.01	0.202	7.01	—	1.2	1810	—	80	12.5
24/5/24	—	—	0.009	0.872	0.019	7.40	6.90	1.2	1790	—	90	12.7
30/5/24	—	—	0.025	0.85	0.084	6.84	7.16	1.2	1941	—	60	12.4

** MECCANA CLEANING OVER 2 DAYS 30/4 - 01/05 * * K-5-6 B/HOL W/END **

13/5.24 - Feic Pump - Low flow PRT RT - Reported blockage in POA - LINE?

Document is uncontrolled if printed

** 25 26 27 B.HOL W/END **



Water for the North West

Wastewater Treatment

Version: 1
Issue Date: 23/11/2022
Expiry Date: 23/11/2025

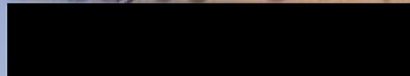
Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing:

JUNE 2024

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMON (mg/l)	DO pH	ORP pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
03/06	AMBLESIDE	FE	0.099	1.44	0.001	6.81	7.25	2.3	2008	—	60	13.2
05/06	—	—	0.097	1.42	0.031	6.86	7.01	0.8	1961	—	50	12.5
06/06	—	—	0.065	1.49	0.036	6.65	7.04	0.7	1961	—	40	12.3
07/06	—	—	0.031	1.33	0.172	6.73	6.95	0.7	1878	—	70	12.3
10/06	—	—	0.242	2.13	0.050	6.73	6.98	1.2	1850	—	80	12.7
11/06	—	—	0.048	1.19	0.145	6.71	7.00	1.0	1955	—	70	12.5
12/06	—	—	0.054	1.62	0.078	6.89	7.49	0.9	1951	—	50	12.6
13/06	—	—	0.062	1.63	0.005	6.71	6.96	1.0	2156	—	50	12.7
14/06	—	—	0.038	1.20	0.018	6.76	7.28	1.2	1879	—	60	12.1
17/06	—	—	0.029	0.992	0.018	6.82	7.06	1.0	2025	—	70	12.3
20/06	—	—	0.032	0.819	0.015	6.76	6.95	1.2	2110	—	80	12.6
24/06	—	—	0.175	0.966	0.088	6.67	7.08	0.4	1911	—	70	13.6
26/06	—	—	0.220	1.42	0.068	6.78	6.96	1.0	1982	—	80	15.7
27/06	—	—	0.222	1.31	0.069	6.71	7.20	1.4	2080	—	60	14.6
27.0												
28/06	—	—	0.211	0.989	0.031	6.69	7.15	1.3	2155	—	60	13.6

* 03/06 OSM *





Water for the North West

Wastewater Treatment

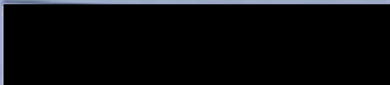
Version: 1
Issue date: 21/11/2022
Expiry date: 21/11/2025

Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing:

JULY 2024

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
01/07/24	AMBLESIDE	FE	0.175	0.859	0.204	6.62	7.02	0.8	2269	-	60	13.6
03/07/24	-	FE	0.130	1.38	0.079	6.74	7.15	1.1	1994	-	70	13.3
05/07/24	-	-	0.007	0.827	0.005	6.76	7.13	0.7	1986	-	40	13.6
08/07/24	-	-	0.288	1.01	0.002	6.70	7.88	0.7	2064	-	40	13.3
12/07/24	-	-	0.110	0.793	0.050	6.72	7.07	0.7	2063	-	60	13.1
15/07/24	-	-	0.140	0.732	0.015	6.77	7.12	0.9	2091	-	40	13.6
17/07/24	-	-	0.196	0.781	0.006	6.65	7.18	0.8	1922	-	60	13.6
19/07/24	-	-	0.250	0.747	0.003	6.63	6.99	1.0	2121	-	70	14.2
22/07/24	-	-	0.096	1.07	0.002	6.67	7.03	1.1	2027	-	60	14.5
24/07/24	-	-	0.048	1.00	0.036	6.83	7.18	0.8	2029	-	60	14.6
26/07/24	-	-	0.030	0.687	0.050	6.67	7.12	0.5	-	-	70	14.4
29/07/24	-	-	0.099	0.11	0.044	6.59	6.81	1.2	2046	-	60	14.6
31/07/24	-	-	0.225	1.39	0.009	6.75	6.91	0.9	2002	-	60	15.1





Water for the North West

Wastewater Treatment

Version: 1
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Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing:

AUGUST 2024

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
02/08/24	AMBLESIDE	FE	0.208	1.40	0.001	6.64	7.10	0.8	1905	—	80	15.2
(M) 05/08/24	—	—	0.295	1.72	0.132	6.66	?	1.9	1993	—	80	15
07/08/24	—	—	0.140	0.893	0.099	6.79	7.13	1.6	1987	—	60	15.0
09/08/24	—	—	0.034	0.679	0.116	6.79	7.23	1.1	2050	—	60	14.4
(M) 12/08/24	—	—	0.068	1.07	0.023	6.64	7.04	1.2	1974	—	60	14.6
14/08/24	—	—	0.099	0.788	0.098	6.70	7.13	1.0	2050	—	40	14.3
16/08/24	—	—	0.029	0.931	0.024	6.90	7.23	0.9	1968	—	40	14.1
(M) 19/08/24	—	—	0.496	1.05	0.012	6.78	?	1.2	1850	—	80	14.1
20/08/24	—	—	0.482	0.829	0.014	6.84	?	1.0	1900	—	80	14
22/08/24	—	—	0.536	0.763	0.043	6.69	?	0.7	1894	—	80	13.6
27/08/24	—	—	0.059	0.689	0.035	6.60	7.12	1.2	1755	—	60	13.6
30/08/24	—	—	0.074	0.883	0.017	6.67	7.20	1.4	1574	—	60	13.3

* 07/08 OSM *





Water for the North West

Wastewater Treatment

Version: 1
Issue date: 21/11/2022
Expiry date: 21/11/2025

Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing: **SEPTEMBER 2024**

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
02/09/24	AMBLESIDE	FE	0.097	1.30	0.032	6.69	7.20	1.4	2033	—	80	13.9
26/09/24	—	FE	0.026	0.463	0.056	7.22	7.10	0.4	1957	—	100	13.9
20/09/24	—	—	0.029	0.584	0.127	7.24	7.25	0.6	2111	—	80	13.9
09/09/24	—	—	0.058	0.943	0.576	6.97	6.95	1.3	1981	—	80	14.7
11/09/24	—	—	0.058	0.819	0.468	7.22	7.24	1.0	2191	—	80	13.7
13/09/24	—	—	0.043	0.910	0.020	6.93	7.02	1.0	2451	—	80	13.3
16/09/24	—	—	0.705	0.931	0.078	6.96	7.10	1.2	2039	—	60	13.4
15/09/24	—	—	0.054	0.768	0.079	7.02	7.09	0.8	1975	—	80	13.6
20/09/24	—	—	0.044	1.02	0.218	6.86	6.91	0.9	1922	—	40	13.5
22/9/24	—	—	0.068	0.952	0.024	6.83	6.97	0.8	2047	—	100	14.3
25/9/24	—	—	0.007	0.651	0.039	6.80	6.91	0.6	2244	—	60	13.7
27/09/24	—	—	0.038	0.754	0.097	7.01	7.16	0.7	1796	—	60	12.1
30/09/24	—	—	0.027	0.635	0.031	6.87	7.00	0.6	1954	—	60	13.0

*Re-run test with new box - 0.047 (Phos)

OSM 19/09/24

Phos - 0.026 Iron - 0.568 Ammo - 0.048



Water for the North West

Wastewater Treatment

Version: 1
Issue date: 21/11/2022
Expiry date: 21/11/2025

Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing: **OCTOBER 2024**

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
02/10/24	AMBLESIDE	FE	0.025	0.890	0.010	6.98	7.09	0.6	1560	—	80	12.8
04/10/24	— " —	— " —	0.025	0.630	0.038	6.90	7.04	0.6	1900	—	60	12.5
M 07/10/24	— " —	— " —	0.024	0.942	0.002	6.97	7.05	1.3	1531	8	80	12.3
09/10/24	— " —	— " —	0.009	0.473	0.009	6.98	7.11	0.8	2175	—	60	12.4
11/10/24	— " —	— " —	0.009	0.809	0.129	7.06	7.19	0.9	2231	—	60	11.4
M 14/10/24	— " —	— " —	0.087	0.153	0.318	6.90	7.11	1.3	1962	—	60	11.5
16/10/24	— " —	— " —	0.051	1.43	0.013	6.93	6.99	1.6	1963	—	60	11.4
18/10/24	— " —	— " —	0.004	0.679	0.252	7.21	7.24	1.4	2018	—	60	11.6
M 21/10/24	— " —	— " —	0.000	0.626	0.095	7.01	7.05	0.9	1791	—	40	11.2
23/10/24	— " —	— " —	0.245	0.753	0.008	7.12	7.14	1.2	1910	—	60	11.3
25/10/24	— " —	— " —	0.002	0.890	0.474	7.01	7.10	0.7	1965	—	60	11.4
28/10/24	— " —	— " —	0.002	0.659	0.069	7.01	7.12	0.7	1920	—	60	11.8
30/10/24	— " —	— " —	0.007	1.01	0.052	7.02	7.08	0.6	2340	—	60	11.9

* OSM 03/10/24 *

* 20/21st STORM ASHLEY *



Water for the North West

Wastewater Treatment

Version: 1
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Expiry date: 21/11/2025

Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing:

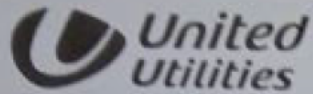
November 2024

<10°C *

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
01/11/24	Ambleside	F.E	0.129	0.459	0.067	6.97	7.04	0.8	2207	—	60	12.1
04/11/24	— " —	— " —	0.142	0.611	0.388	6.92	7.08	0.9	2330	—	60	12.1
06/11/24	— " —	— " —	0.003	1.18	0.083	7.02	7.0	1.0	2230	—	80	12.0
08/11/24	— " —	— " —	0.010	0.761	0.067	6.95	7.01	1.3	1952	—	80	11.9
11/11/24	— " —	— " —	0.004	0.755	0.132	6.84	7.01	1.0	1890	—	60	11.6
13/11/24	— " —	— " —	0.005	1.03	0.101	6.97	7.04	0.8	2108	—	80	10.6
15/11/24	— " —	— " —	0.012	1.04	0.113	6.95	7.03	1.0	1940	—	80	10.9
18/11/24	— " —	— " —	0.015	1.11	0.691	6.98	7.09	0.8	2152	—	80	10.8
20/11/24	— " —	— " —	0.014	1.24	0.008	6.88	7.02	0.9	2580	—	—	9.6
22-11-24	— " —	— " —	0.010	1.13	1.40	6.90	6.95	0.8	2241	—	80	8.0
25/11/24	— " —	— " —	0.015	0.706	0.030	7.22	7.28	0.8	1823	—	100	8.3
27/11/24	— " —	— " —	0.046	1.15	0.479	7.13	7.1	1.5	1845	—	80	7.6
29/11/24	— " —	— " —	0.014	1.04	0.012	7.04	7.12	1.0	1909	—	80	8.6

* OSM 15/11/24 *

* 23rd / 24th STORM BERT *
SAT SUN



Water for the North West

Wastewater Treatment

Version: 1
Issue date: 21/11/2022
Expiry date: 21/11/2025

Onsite Monitoring Results Record Sheet

Ambleside Area Photometer Testing:

< 10°C

Date	Site	Sample Type	PHOS (mg/l)	IRON (mg/l)	AMMO (mg/l)	Site pH	HH pH	Turbidity (NTU)	MLSS (mg/l)	Nitrate (mg/l)	Alkalinity (mg/l)	FE Temperature (°C)
M 02/12/24	Ambleside	Fe	0.005	0.945	0.000	7.10	7.21	1.2	1976	—	120	8.8
04/12/24	— " —	— " —	0.001	1.33	0.039	7.19	7.23	1.4	1930	—	80	8.3
06/12/24	— " —	— " —	0.009	1.09	0.036	7.24	7.3	2.0	1825	—	80	7.8
M 09/12/24	— " —	— " —	0.081	0.409	0.948	7.1	7.2	2.6	1620	—	80	8.1
11/12/24	— " —	— " —	0.040	0.530	0.024	7.18	7.1	1.2	1820	—	80	7.6
13/12/24	— " —	— " —	0.017	1.05	0.082	7.03	7.08	0.8	2050	—	100	8.3
M 16/12/24	— " —	— " —	0.006	0.903	1.76	7.04	7.1	1.2	2150	—	80	9.1
18/12/24	— " —	— " —	0.019	0.653	0.002	7.02	7.1	0.8	1850	—	80	8.1
20/12/24	— " —	— " —	0.005	0.913	1.63	7.17	7.3	1.2	1805	—	80	7.8
M 23/12/24	— " —	— " —	0.014	0.976	1.44	7.43	7.4	1.0	1540	—	80	7.4
Post Xmas M 27-12-24	— " —	Fe	0.083	1.16	2.49	7.11	7.22	0.8	1988	—	80	8.8
M 30/12/24	— " —	— " —	0.850	1.07		7.18	7.2	1.1	2480	—	80	9.5

* OSM 03/12/24 *

* 7- / 8- STORM DARRAGH *