

DECEMBER 2020

AMBLESIDE AREA PHO. JMETER TEST RESULTS

Sample			Test Results								Comments
Date	Site	Sample description	Phos	Iron	Ammon	Comp	Snap	OSM	pH	Fails result	
9/12	GRASMERE	FE	0.039	0.215	0.142		✓	1/2	6.91	1.2	
11/12	---	---	0.062	0.186	1.04		✓	1/2	6.76	1.2	
16/12	---	---	0.077	0.206	0.069		✓	1/2	6.90	2.1	
18/12	---	---	0.063	0.249	0.080		✓	1/2	6.80	1.7	
22/12	---	---	0.176	0.265	0.070		✓	1/2	6.90	4.2	
23-12	---	---	0.204	0.454	0.201		✓	1/2	6.8	2.4	
30/12	---	---	*0.393	1.20	0.739		✓	1/2	6.88	2.6	FE TEMP 9.2

AK
L10



GRASMERE JAN 2021 AMBLESIDE AREA PHO. J METER TEST RESULTS

Sample			Test Results								Comments
Date	Site	Sample description	Phos	Iron	Ammon	Comp	Strap	OSM	pH	Diss result	
04/01/21	Grasmere	Fe	0.197	1.17	0.081	✓	✓	✓	6.9	3.0	Fe-temp 9.0°
05/01/21	"	"	0.098	0.776	0.097	✓	✓	✓	6.9	3.0	(OSM)
06/01/21	"	"	0.102	0.427	0.002	✓	✓	✓	6.81	2.6	Fe-temp = 7.4°
08/01/21	"	"	0.123	0.513	0.009	✓	✓	✓	6.9	3.2	" = 5.2
11/01/21	"	"	0.146	0.884	0.050	✓	✓	✓	6.91	4.0	" = 7.1
14/01/21	"	"	0.079	0.488	0.087	✓	✓	✓	6.92	3.2	" = 8"
18/01/21	"	"	0.099	0.517	0.117	✓	✓	✓	6.98	3.0	" = 8.8"
20/01/21	"	"	0.120	0.744	0.180	✓	✓	✓	6.98	3.1	" = 8.4"
22/1	"	"	0.073	0.533	0.137	✓	✓	✓	6.8	4.2	" = 8"
25/1	"	"	0.065	0.550	0.073	✓	✓	✓	6.7	2.2	" = 5.4
29/01	"	(SREF)	0.040	0.358	0.032	✓	✓	✓	6.96	2.6	" = 10.2"

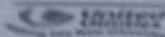
ACK

40

40

40

40

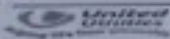


FEBRUARY 2021

AMBLESIDE AREA PHO. JOMETER TEST RESULTS

Sample			Test Results							Comments	
Date	Site	Sample description	Phos	Iron	Ammon	Comp	Snap	OSM	pH		Fair read
01/02	CRASMORE	FE	0.031	0.366	0.100		✓		6.92	2.6	FE TEMP = 5.4°
05/02	"	" (S275)	0.041	0.291	0.008		✓		6.94	2.4	" = 7.4°
08/02	"	"	0.059	0.432	0.098		✓		7.03	2.4	" = 5.6°
10/02	"	"	0.032	0.305	0.134		✓		7.04	1.9	" = 5.1°
12-2	"	(11/02/05M)	0.140	0.223	0.104 ^{NS}		✓		6.68	2.6	" = 3.2° ^{Very low} _{green}
15/02	"	"	0.089	0.105	0.042		✓	1/4"	6.96	1.2	" = 5.8°
17/02	"	"	0.119	0.130	0.006		✓	1/4"	6.90	1.9	" = 7.2°
14-02	"	"	0.350	0.398	0.148		✓		6.7	1.4	" = 5.4°
22/02	"	"	0.066	0.404	0.101		✓	1/4"	6.96	2.6	" = 8.8°
23/02	"	"	0.066	0.147	0.025		✓		6.96	1.2	" = 6.8°

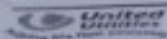
ALK
80
40



MARCH 2021

AMBLESIDE AREA PHO. JOMETER TEST RESULTS

Sample			Test Results							Comments	ACK	
Date	Site	Sample description	Phos	Iron	Amno	Comp	Snap	OSM	pH			Pain result
01/03	GRASMERE	FE	0.067	0.215	0.119		✓		6.7	1.96	FE TEMP = 9.0°	40
04/03	—	—	0.082	0.166	0.202		✓	1 1/2	6.80	2.0	— = 6.8°	40
08/07	—	—	0.000	0.117	0.117		✓	1 1/2	6.80	1.0	— = 10.2°	40
10/03	—	—	0.043	0.142	0.051		✓	1 1/2	6.86	1.2	— = 7.6°	40
12/03	—	—	0.058	0.105	0.008		✓	1 1/2	6.82	1.3	— = 7.8°	40
15/03	—	—	0.036	0.201	0.018		✓	1 1/2	6.88	2.0	— = 8.2°	40
17/03	—	—	0.004	0.066	0.124		✓	1 1/2	6.94	1.6	— = 11.2°	40
19/03	—	—	0.028	0.083	0.046		✓	1 1/2	7.02	0.9	— = 11.1°	40
22/03	—	—	0.016	0.110	0.102		✓	1 1/2	6.80	1.2	— = 11.0°	60
24/03	—	—	0.009	0.250	0.029		✓	1 1/2	6.90	1.0	— = 11.6°	40
26/03	—	—	0.022	0.236	0.080		✓	1 1/2	7.02	1.0		

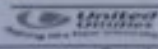


APRIL 2021

AMBLESIDE AREA PHOSPHOR METER TEST RESULTS

ALK
40
40
40
60
60
40
60

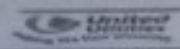
Sample			Test Results							Comments	
Date	Site	Sample description	Phos	Iron	Ammo	Comp	Snap	OSM	pH		Pain result
04/4/21	GRASMERE	FE	0.048	0.217	0.023		✓		6.65	2.0	
08/4/21	"	"	0.100	0.140	0.217		✓		6.7	1.0	NTU Temp PH - 0-05. CW looking at ALK
12/4/21	"	"	0.322	0.101	0.138		✓		6.79	1.2	Fe Temp = 8.1
14/4/21	"	"	0.312	0.203	0.423		✓		6.78	1.4	Fe Temp 12.5
16/4/21	"	"	0.353	0.136	0.026		✓		6.79	1.0	TEMP = 10.6
22/4/21	"	"	0.207	0.200	0.047		✓		6.81	1.1	" " 9.6
26/4/21	"	"	0.153	0.178	0.066		✓		6.71	1.33	" " 9.7
29/04	"	"	0.089	0.121	0.127		✓		6.88	1.02	" " 10.8



AMBLESIDE AREA PHO. METER TEST RESULTS

Sample			Test Results								Comments
Date	Site	Sample description	Phos	Iron	Amno	Comp	Snip	OSM	pH	Patn result	
02-52	Gnosmar	Final	0.126	0.417	0.061	✓	✓		6.78	1.3	
04/05	"	"	0.105	0.209	0.014		✓		6.96	1.6	
06/05	"	"	0.160	0.188	0.101		✓		6.84	1.3	
07/05	"	"	0.098	0.156	0.112		✓		6.88	1.2	
10/05	"	"	0.090	0.147	0.083		✓		6.90	1.0	
13/05	"	"	0.037	0.175	0.074		✓		6.92	1.3	
17/05	"	"	0.068	0.226	0.007		✓		6.90	0.6	
19/05	"	"	0.192	0.685	0.807		✓		6.92	1.0	
24/05	"	"	0.252	0.795	0.872		✓		6.94	0.8	
26/05	"	"	0.271	0.809	1.16		✓		6.88	5.2	(NTU PROBE CLEANED)
28/05	"	(SREG)	0.134	0.604	0.886		✓		6.90	3.1	
30-05	"	"	0.219	0.911	0.007		✓		6.65	4.8	

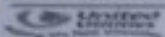
86
 60
 60
 60
 60
 40
 40
 60
 60
 60
 80
 60



JUNE 2021

AMBLESIDE AREA PHO. METER TEST RESULTS

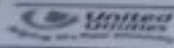
Date	Site	Sample description	Phos	Iron	Test Results			pH	Pain result	Comments
					Amo	Comp	Snap			
02/06	GRASMERE	FE	0.503*	1.66	5.61*		7.10	2.6	ALK = 80	
04/06	"	"	0.374	1.16	2.32		6.96	2.2	" = 60	
08/06	"	"	0.404	1.14	2.81		6.88	3.0	" = 40	
11/06	"	(S REF)	0.248	0.461	0.151		6.73	1.9	" = 60	
14/06	"	"	0.143	0.514	0.400		6.70	2.0	" = 40	
16/06	"	"	0.130	0.437	0.089		6.73	1.4	" = 40	
18/06	"	"	0.134	0.483	0.096		6.71	2.0	" =	
21/06	"	"	0.259	0.854	1.02		6.70	2.0	" = 40	
25/06	"	OSM	0.305	1.68	3.15		6.8	3.0	" = 60	
28/06	"	FE	0.453	1.98	4.92		6.7 ^{1/4}	3.0	" = 50	
30/06	"	FE	1.21	11.5	4.65		6.58 ^{1/4}	3.0	" = 5	



July 2021

AMBLESIDE AREA PHOTOMETER TEST RESULTS

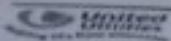
Date	Site	Sample description	Test Results							Comments	
			Phos	Iron	Ammo	Comp	Snap	OSM	pH		Fluor
07-21	Grasshopper	FE OSM	0.395	0.612	0.065		✓	✓	6.67	30M	ALK = 50
08-21	"	FE OSM	0.456*	1.47	1.32		✓	✓	6.52	30M	" = 40
12/07	"	"	0.308	1.04	1.30		✓	"	6.84	30M	" = 80
14/07	"	"	0.424	0.992	1.98		✓	"	6.74	30(2)	" = 40
19/07	"	"	0.266	0.524	0.350		✓	"	6.90	30(2)	" = 40
23/07	"	"	0.294	0.957	1.01		✓	"	6.70	30(2)	" = 40
26/07	"	"	0.452	1.54	4.88		✓	"	6.71	30(2)	" = 40
29/07	"	(S REC)	0.167	0.390	0.177		✓	"	6.77	30(2)	" = 40



AUGUST 2021

AMBLESIDE AREA PHO. 5METER TEST RESULTS

Sample			Test Results								Comments
Date	Site	Sample description	Phos	Iron	Ammo	Comp	Snap	OSM	pH	Pen result	
02/08	CRASMERE	FE	0.300	1.31	3.90		✓	1/4	6.86	2 (30p)	ALK = 40
06/08	---	---	0.202	0.842	1.40		✓	1/4	6.88	2 (30p)	--- = 60
09/08	---	---	0.338	0.709	1.69		✓	1/4	6.78	2 (30p)	--- = 60
11/08	---	---	0.371	1.14	2.20		✓	1/4	6.72	60	--- = 40
13/08	---	---	0.316	0.909	2.12		✓	1/4	6.70	2.0 (30p)	--- = 60
16/08	---	---	*0.808	0.955	2.81		✓	1/4	6.80	2.0 (30p)	--- = 40
18/08	---	---	*0.751	0.866	1.89		✓	1/4	6.78	2.0 (30p)	--- = 40
20-08	---	---	0781 +	0728	1.56		✓	1/4	6.8	2.0 (30p)	--- = 40
25-8	---	---	*0737	6373	1.43		✓	1/4	6.7	2.0 (30p)	--- = 40
27-08	---	---	*0870	1.65	5.80		✓	1/4	6.6	2.0 (30p)	--- = 40
27-08	---	---	*0890	1.41	4.81		✓	1/4	6.61	2.0 (30p)	--- = 40
31/08	---	---	0.402	0.798	1.56		✓	1/4	6.70	2.0 (30p)	--- = 40



OCTOBER 2021

AMBLESIDE AREA PHOSPHORUS TEST RESULTS

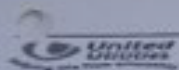
Sample			Test Results							Comments	
Date	Site	Sample description	Phos	Iron	Ammo	Comp	Snip	OSM	pH		Pain result
05/10	CHASMERE	FE (SAND)	0.145	0.331	0.186		✓		6.80	3.2	ALK = 40
07-10	— " —	— " —	0.167	0.572	0.298		✓		6.84	4.5	ALK = 40
11/10	— " —	— " —	0.204	0.661	0.352		✓		7.01	2.2	— " — = 60
13-10	— " —	— " —	/	/	/	/	/	/	/	/	/
18-10	— " —	FE	0.192	0.688	1.61		✓		6.82	5.2	— " — 40
22-10	— " —	FE	0.756	0.529	0.906		✓	u/h	6.67	4.7	— " — 50
25-10	— " —	FE	0.618	0.599	1.62		✓	u/h	6.69	9.6	— " — 60



FEB 2022

AMBLESIDE AREA PHOSPHORUS METER TEST RESULTS

Sample			Test Results						Comments		
Date	Site	Sample description	Phos	Iron	Ammo	Comp	Snap	DSM		pH	Pa'n result
03/02	GRASMERE	FE	0.051	0.165	0.072		✓		7.45	3.0	ALK = 40
04/02	— " —	* OSM *	0.301	0.121	0.092		✓		7.59	2.9	— " — = 60
07/02	— " —	FE	0.281	0.133	0.003		✓		7.20	2.8	— " — = 40
11/02	— " —	— " —	0.255	0.250	0.147		✓		7.29	3.5	— " — = 60
14/02	— " —	— " —	0.269	0.131	0.022		✓		7.97	2.05	— " — = 40
18/02	— " —	— " —	0.026	0.131	0.065		✓		7.50	1.71	— " — = 40
21/02	— " —	— " —	0.024	0.133	0.029		✓		8.11	1.9	— " — = 40
24/02	— " —	— " —	0.062	0.146	0.058		✓		7.42	1.8	— " — = 40
28/02	— " —	— " —	0.007	0.172	0.021		✓		7.24	2.1	— " — = 40



MARCH 2022

AMBLESIDE AREA PHOSPHORUS METER TEST RESULTS

Sample			Test Results					Comments	ALK		
Date	Site	Sample description	Phos	Iron	Ammo	Comp	Snap			OSM	pH
06-3-22	GRASNERE	FE SNAP	0070	0.551	0.120		✓		7.11	4.25	70
8-3-22	"	"	0846	0.567	0.01		✓		7.14	6.7	80
11/3/22	"	" (SAEE)	0.312	0.445	0.082		✓		7.06	1.8	60
14/3/22	"	FE	0.315	0.457	0.028		✓		7.51	5.0	40
18/3/22	"	"	0.263	0.593	0.678		✓		7.34	4.0	60
21/3/22	"	"	0.263	0.597	0.429		✓		7.60	3.2	40
25/3/22	"	"	0.588	0.760	0.092		✓		7.20	3.6	40
28/3/22	"	"	0.178	0.502	0.068		✓		7.76	2.2	40
31/3/22	"	"	0.196	0.861	0.157		✓		7.53	3.0	40

* OSM 18/03 *

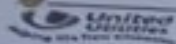
APRIL 2022

AMBLESIDE AREA PHOSPHATE METER TEST RESULTS

Sample			Test Results							Comments	
Date	Site	Sample description	Phos	Iron	Amno	Comp	Snap	OSM	pH		Pain result
05/04/22	GRASMERE	FE	0.058	0.214	0.106		✓		7.0	1.7	ALK = 40
7/4/22	"	"	0.110	0.363	0.032		✓		7.36	4.6	"
11-4-22	"	"	0.238	1.30	2.64		✓	7.29	7.21	10	ALK = 60
14/4/22	"	"	0.029	0.200	0.010		✓		7.45	1.7	" = 40
18-4-22	"	"	1.92	0.840	1.89		✓		7.70	4.8	" = 40
19-4-22	"	"	1.58	0.270	0.062		✓	7.21	8.50	2.57	" = 40
21-4-22	"	"	0.649	0.198	0.09		✓		6.00	2.45	" = 50
25-4-22	"	"	0.129	0.567	1.40		✓	6.50	6.52	4.3	" = 40
28/4/22	"	"	0.213	0.256	0.104		✓	6.50	7.60	1.71	" = 40
29/4/22	"	"	0.235	0.353	0.002		✓	6.53	7.48	1.81	" = 40

(CRUDE ALK = 6.45)

Ferric
OFF
" "
ON



MAY 2022

AMBLESIDE AREA PHU. METER TEST RESULTS

Date	Site	Sample description	Test Results					Snap	pH	pH	Pain result	Comments
			Phos	Iron	Amno	Comp	HH					
1/5	GRASMERE	FE	0.463	0.978	1.11		✓	6.58	6.77	2.3	ALK = 50	
4/5	—	—	0.215	0.272	0.479		✓	5.75	6.70	1.79	— = 40.	
5/5	—	—	0.213	0.212	0.017		✓	7.16	7.07	1.29	— = 40	
6/5	—	—	0.238	0.345	0.111		✓	7.01	7.34	1.38	— = 80	
9/5	—	—	0.342	1.79	2.34		✓	6.98	7.27	3.2	— = 80	
11/5	—	* O.S.M *	0.088	0.201	0.091		✓	7.20	7.34	1.8	— = 40	
12/5	—	FE	0.063	0.196	0.120		✓	7.13	6.93	1.47	— = 80	
16/5	—	FE	0.395	0.317	2.18		✓	7.15	6.72	1.5	— = 60.	
19/5	—	—	0.193	0.204	0.045		✓	7.19	6.85	1.7	— = 40	
23/5	—	—	0.221	0.362	0.488		✓	6.42	6.86	2.2	— = 60	
25/5	—	—	0.301	0.461	0.355		✓	6.86	6.53	3.1	— = 40	
26/5	—	—	0.291	0.347	0.126		✓	6.95	6.59	2.3	— = 40	
30/5	—	—	1.28	2.45	11.5		✓	7.15	6.81	11.4	— = 80	
31/5	—	—	0.113	0.413	0.318		✓	6.91	6.45	3.7	— = 80	



JUNE 2022

AMBLESIDE AREA PHU. METER TEST RESULTS

Date	Site	Sample description	Test Results					Snap	HH	Site pH	Pain result	Comments
			Phos	Iron	Amno	Corro						
01/06	GDASHERE	FE	0.162	0.550	0.993		✓	6.9	6.52	4	ALK = 60	
05/06	---	---	0.246	0.672	1.90		✓	6.9	6.44	6.3	--- = 60	
07/06	---	---	0.115	0.217	0.242		✓	6.97	6.50	3.2	--- = 40	
09/06	---	---	0.067	0.028	0.800		✓	7.03	6.47	4.5	--- = 50	
13/06	---	---	0.109	0.240	0.141		✓	6.99	6.47	2.4	--- = 40	
16/06	---	---	0.100	0.243	0.106		✓	6.96	6.60	1.5	--- = 40	
20/06	---	---	0.073	0.366	0.675		✓	6.93	6.50	1.7	--- = 40	
22/06	---	---	0.075	0.458	0.737		✓	7.03	6.55	1.6	--- = 50	
24/06	---	---	0.074	0.592	1.48		✓	6.98	6.57	1.3	--- = 60	
27/06	---	---	0.090	0.174	0.022		✓	6.98	6.50	4.0	--- = 40	
29/06	---	---	0.159	0.155	0.036		✓	6.90	6.45	3.9	--- = 50	



JULY 2022

AMBLESIDE AREA PHOSPHORUS METER TEST RESULTS

Sample			Test Results							Comments	
Date	Site	Sample description	Phos	Iron	Ammo	Comp	Snap	PH	5-TE pH		Pain result
01/07	GAASMERE	FE	0.210	0.096	0.106		✓	6.99	6.55	2.6	ALK = 50
04/07	—h—	—h—	0.257	0.136	0.285		✓	6.82	6.50	3.1	—h— = 60
11/07	—h—	—h—	0.359	0.223	0.561		✓	6.96	6.49	2.1	—h— = 60
13/07	—h—	—h—	0.337	0.123	0.192		✓	7.04	6.81	0.9	—h— = 50
17/07	—h—	—h—	0.375	0.794	3.30		✓	7.15	6.59	2.5	—h— = 80
26/07	—h—	—h—	0.613	0.227	0.064		✓	7.23	6.85	2.2	—h— = 40
27/07	—h—	—h—	0.700	0.851	1.55		✓	7.14	6.68	2.9	—h— = 80
29/07	—h—	—h—	0.798	0.388	0.061		✓	7.14	6.66	3.7	—h— = 70

NOVEMBER 2022

AMBLESIDE AREA PHO. J METER TEST RESULTS

Sample			Test Results							Comments
Date	Site	Sample description	Phos	Iron	Ammon	AtK Snap	U/u pH	Side pH	Pain result	
03-11-22	GRASMERE	FE SNAP	0.237	0.053	0.201	70	7.0	6.86	1.2	
07/11	— n —	— n —	0.097	0.085	0.058	80	7.0	6.96	0.9	
10-11	— n —	— n —	0.171	0.093	0.043	80	7.0	7.10	0.9	
11/11	— n —	— n —	0.152	0.074	0.036	80	7.3	6.97	0.8	
14/11	— n —	— n —	0.093	0.067	0.039	40	7.7	6.80	1.2	
16/11	— n —	— n —	0.100	0.155	0.106	50	6.95	6.71	2.5	
18/11	— n —	— n —	0.064	0.071	0.054	60	7.07	6.92	1.1	
21/11	— n —	— n —	0.065	0.061	0.061	60	7.19	6.96	0.8	(21/11 POWER DIP)
23/11	— n —	— n —	0.123	0.150	0.163	40	6.91	6.66	4.4	
25/11	— n —	— n —	0.058	0.078	0.061	50	7.22	7.01	0.9	
28/11	— n —	— n —	0.091	0.071	0.061	40	6.94	6.80	1.8	
30/11	— n —	— n —	0.052	0.068	—	40	7.00	6.81	1.7	



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 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)
02/10	GRASMERE	FE	0.308	0.129	0.032	6.37	6.82	5.06	—	—	40	14.2
06/10	—h—	—h—	0.013	0.073	0.046	6.61	6.84	3.26	—	—	40	14.6
09/10	—h—	—h—	0.098	0.120	0.011	6.38	6.66	5.0	—	—	50	14.1
11/10	—h—	—h—	0.126	0.100	0.019	6.40	6.76	4.4	—	—	40	14.1
16/10	—h—	—h—	0.116	0.084	0.007	6.44	7.11	2.62	—	—	40	13.8
18/10	—h—	—h—	0.088	0.081	0.062	6.54	6.78	3.03	—	—	40	13.3
23/10	—h—	—h—	0.029	0.160	0.444	6.45	6.79	1.45	—	—	40	13.4
25/10	—h—	—h—	0.065	0.114	0.054	6.58	6.86	2.4	—	—	60	13.1
27/10	—h—	—h—	0.156	0.443	1.72	6.48	6.90	2.9	—	—	50	13.8
30/10	—h—	—h—	0.005	0.098	0.030	6.83	7.19	1.1	—	—	60	12.9
			0.038	0.431	1.50	6.51	6.87	2.13	—	—	50	13.1

* 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)
03/11/23	GRASMERE	FE	0.102	0.162	0.185	6.21	6.53	3.2	—	—	40	10.9
06/11/23	—n—	—n—	0.099	0.142	0.024	6.26	6.50	2.9	—	—	40	12.9
08/11/23	—n—	—n—	0.134	0.143	0.029	6.22	6.67	4.0	—	—	40	12.4
09/11/23	—n—	OSM	0.072	0.22	0.161	6.56 OSM	6.69	3.2	—	—	110	12.3
16/11/23	—n—	FE	0.023	0.053	0.062	6.66	—	2.79	—	—	60	12.1
20/11/23	—n—	—n—	0.306	0.025	0.043	6.58	6.90	3.13	—	—	60	12.1
22/11/23	—n—	0.084 FE	0.084	0.04	—	—	—	—	—	—	60	12.1
24/11/23	—n—	—n—	0.034	0.065	0.122	6.62	6.76	1.38	—	—	60	12.1
27/11/23	—n—	—n—	0.069	0.052	0.049	6.62	6.94	1.25	—	—	50	11.7
29/11/23	—n—	—n—	0.003	0.054	0.121	6.80	7.12	0.95	—	—	50	11.5

(AIR -2)

* 09/11 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:

JANUARY 2024

OSM Sample 15-01-24

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	GRASMERE	FE	0.023	0.061	0.034	6.61	6.76	1.3	—	—	40	10.0
05/01/24	—n—	—n—	0.072	0.094	0.131	6.50	6.76	4.1	—	—	50	10.4
09/01/24	—n—	—n—	0.024	0.064	0.116	6.71	6.78	2.6	—	—	50	10.2
11/01/24	—n—	—n—	0.021	0.049	0.081	6.72	6.79	1.06	—	—	40	10.4
16-01-24	—n—	OSM 0001	0.106	0.0013	—	—	—	3.0	—	—	60	—
22/01/24	—n—	FE	0.087	0.108	0.008	6.56	6.99	4.6	—	—	40	8.9
26/01/24	—n—	—n—	0.099	0.067	0.053	6.78	6.96	3.3	—	—	50	9.1
29/01/24	—n—	—n—	0.085	0.094	0.042	6.83	6.97	1.8	—	—	50	9.7
3/01/24	—n—	—n—	0.066	0.119	0.194	6.79	6.94	1.90	—	—	50	9.5

21st / 22nd STORM ISHA — 23/24 STORM JOCELYN



Onsite Monitoring Results Record Sheet

 Ambleside Area Photometer Testing: **SEPTEMBER 24**

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	GRASMERE	FE	0.229	0.288	1.34	6.06	6.60	10.0	—	—	40	14.1
04/09/24	— " —	— " —	0.223	0.252	0.895	6.60	—	6.9	—	—	100	13.6
06/09/24	— " —	— " —	0.067	0.082	0.091	6.61	7.05	1.78	—	—	60	13.7
09/09/24	— " —	— " —	0.074	0.122	0.075	6.61	7.02	1.75	—	—	60	13.7
11/09/24	— " —	— " —	0.139	0.217	1.43	6.50	6.64	3.95	—	—	80 60	13.7
13/09/24	— " —	— " —	0.730	0.248	0.566	6.52	6.99	2.43	—	—	60	13.6
16/09/24	— " —	— " —	0.063	0.162	0.706	6.48	6.88	2.71	—	—	80	13.9
18/09/24	— " —	— " —	0.083	0.163	0.992	6.52	7.06	2.59	—	—	60	13.9
20/09/24	— " —	— " —	0.136	0.264	1.97	6.53	6.95	2.78	—	—	40	14.4
23/09/24	— " —	— " —	0.797	0.093	1.92	6.80	7.22	1.7	—	—	80	13.4
25/09/24	— " —	— " —	0.008	0.085	0.252	6.90	7.35	1.7	—	—	80	13.6
27/09/24	— " —	— " —	0.014	0.162	0.086	6.86	7.40	1.6	—	—	60	13.1

OSM - 19/09/24



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 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	Grasmere	FE	0.263	0.142	0.001	6.85	7.09	4.53	—	—	80	12.9
04/11/24	—	—	0.240	0.119	0.060	6.85	7.10	3.78	—	—	60	12.9
06/11/24	—	—	0.074	0.139	0.156	6.86	7.1	2.05	—	—	80	12.6
08/11/24	—	—	0.006	0.053	0.008	7.09	7.2	1.78	—	—	60	12.6
11/11/24	—	—	0.001	0.078	0.116	7.08	7.22	1.05	—	—	80	12.4
13/11/24	—	—	0.024	0.097	0.035	6.85	6.98	1.05	—	—	60	12.4
15/11/24	—	—	0.002	0.085	0.118	7.10	7.20	1.9	—	—	50	12.2
18/11/24	—	—	0.027	0.090	0.158	6.97	7.1	0.9	—	—	80	11.6
20/11/24	—	—	0.003	0.155	0.029	6.90	7.0	0.91	—	—	—	11.6
26/11/24	—	—	0.714	0.072	1.39	6.78	7.0	2.44	—	—	80	11.3
27/11/24	—	—	0.005	0.240	0.035	6.56	6.8	—	—	—	80	11.3
29/11/24	—	—	0.017	0.067	0.151	6.74	6.93	1.46	—	—	50	11.3

* O.S.M 15/11/24 *

