

Contract No. DC/2022/02

Drainage Improvement Works at Yuen Long -

Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che

Water Quality Monitoring Result



Water Quality Monitoring Location: C1A

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C1A	20240902	Cloudy	15:52	7.46	93.8	7.62	0.09	29.10	5.5	<2.5	
C1A	20240902	Cloudy	15:52	7.44	93.7	7.60	0.09	29.10	5.93	<2.5	
C1A	20240904	Cloudy	11:06	6.81	85.8	7.57	0.11	29.80	6.21	<2.5	
C1A	20240904	Cloudy	11:06	6.81	85.7	7.59	0.11	29.80	5.93	<2.5	
C1A	20240909	Sunny	15:59	7.79	98.6	7.79	0.11	29.80	5.68	2.7	
C1A	20240909	Sunny	15:59	7.82	98.5	7.80	0.11	29.80	5.15	<2.5	
C1A	20240911	Sunny	11:24	8.26	106.3	6.91	0.06	28.40	6.39	<2.5	
C1A	20240911	Sunny	11:25	8.25	105.6	6.88	0.06	28.40	6.46	<2.5	
C1A	20240913	Sunny	16:15	7.03	89.4	7.44	0.09	27.70	4.93	<2.5	
C1A	20240913	Sunny	16:15	6.98	89.0	7.46	0.09	27.80	5.53	<2.5	
C1A	20240916	Sunny	16:05	7.51	91.7	7.46	0.08	28.90	6.24	2.9	
C1A	20240916	Sunny	16:05	7.51	91.6	7.43	0.08	28.90	6.35	<2.5	
C1A	20240918	Sunny	15:11	7.32	88.9	7.47	0.10	29.40	5.24	<2.5	
C1A	20240918	Sunny	15:11	7.28	88.8	7.45	0.10	29.40	5.47	<2.5	
C1A	20240920	Sunny	14:33	7.73	93.6	7.63	0.09	29.10	4.68	<2.5	
C1A	20240920	Sunny	14:33	7.67	93.5	7.61	0.09	29.10	5.78	<2.5	
C1A	20240923	Cloudy	15:39	6.88	83.3	7.73	0.07	28.00	5.27	<2.5	
C1A	20240923	Cloudy	15:39	6.87	83.2	7.72	0.07	28.00	5.23	<2.5	
C1A	20240925	Sunny	14:57	7.86	95.3	7.92	0.08	29.00	5.84	<2.5	
C1A	20240925	Sunny	14:57	7.85	95.2	7.92	0.08	29.00	6.02	<2.5	
C1A	20240927	Sunny	14:57	7.35	94.1	7.80	0.13	29.30	6.29	<2.5	
C1A	20240927	Sunny	14:57	7.33	94.0	7.78	0.13	29.30	6.58	<2.5	
C1A	20240930	Sunny	14:57	8.28	100.5	7.05	0.07	28.90	6.46	<2.5	
C1A	20240930	Sunny	14:57	8.23	100.3	7.01	0.07	28.90	7	<2.5	

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Drainage Improvement Works at Yuen Long -

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Water Quality Monitoring Result



Water Quality Monitoring Location: C2

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C2	20240902	Cloudy	15:31	6.29	79.3	8.13	0.14	27.60	5.92	2.8	
C2	20240902	Cloudy	15:31	6.24	79.0	8.12	0.14	27.60	6.03	4.0	
C2	20240904	Cloudy	10:44	6.77	85.7	8.09	0.09	29.00	4.23	4.5	
C2	20240904	Cloudy	10:44	6.77	85.5	8.08	0.09	29.00	4.71	4.3	
C2	20240909	Sunny	15:42	6.27	79.4	7.79	0.10	29.70	4.23	6.6	
C2	20240909	Sunny	15:42	6.26	79.1	7.78	0.10	29.70	4.33	6.1	
C2	20240911	Sunny	11:08	7.92	100.8	7.32	0.05	27.80	4.63	4.1	
C2	20240911	Sunny	11:08	7.89	100.1	7.25	0.05	27.70	4.55	3.2	
C2	20240913	Rainy	16:08	6.50	82.6	7.35	0.08	27.70	5.1	4.9	
C2	20240913	Rainy	16:09	6.58	84.0	7.31	0.08	27.80	4.61	5.1	
C2	20240916	Sunny	15:56	6.00	73.1	8.09	0.11	28.20	7.54	<2.5	
C2	20240916	Sunny	15:56	6.11	74.2	8.08	0.11	28.20	7.87	3.3	
C2	20240918	Sunny	15:00	6.69	81.4	8.11	0.11	28.30	2.95	<2.5	
C2	20240918	Sunny	15:00	6.81	82.5	8.11	0.11	28.30	5.44	2.7	
C2	20240920	Sunny	14:22	7.39	90.2	7.95	0.13	29.50	6.81	<2.5	
C2	20240920	Sunny	14:22	7.50	91.5	7.95	0.13	29.50	6.64	<2.5	
C2	20240923	Cloudy	15:30	6.11	84.3	8.12	0.10	28.10	6.05	<2.5	
C2	20240923	Cloudy	15:30	6.19	75.0	8.13	0.10	28.10	5.79	<2.5	
C2	20240925	Sunny	14:48	5.99	73.2	7.77	0.13	29.50	6.9	<2.5	
C2	20240925	Sunny	14:48	6.13	74.3	7.75	0.13	29.50	6.24	<2.5	
C2	20240927	Sunny	14:48	6.73	85.7	7.89	0.10	29.20	5.92	<2.5	
C2	20240927	Sunny	14:48	6.81	86.8	7.89	0.10	29.20	5.97	<2.5	
C2	20240930	Sunny	14:48	8.05	97.7	7.24	0.06	27.60	5.45	<2.5	
C2	20240930	Sunny	14:48	7.98	97.3	7.17	0.06	27.50	5.36	<2.5	

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Drainage Improvement Works at Yuen Long -

Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che

Water Quality Monitoring Result



Water Quality Monitoring Location: C3A

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C3A	20240902	Cloudy	15:12	7.73	98.0	7.71	0.03	28.10	3.53	<2.5	
C3A	20240902	Cloudy	15:12	7.80	98.2	7.69	0.03	28.10	3.84	<2.5	
C3A	20240904	Cloudy	10:22	8.17	103.4	7.69	0.04	26.70	3.82	<2.5	
C3A	20240904	Cloudy	10:22	8.21	103.6	7.65	0.04	26.70	3.4	3.4	
C3A	20240909	Sunny	15:28	8.14	102.4	7.77	0.04	28.20	3.58	6.1	
C3A	20240909	Sunny	15:28	8.11	102.6	7.73	0.04	28.20	3.4	5.3	
C3A	20240911	Sunny	10:58	8.52	103.6	7.24	0.01	25.30	5.72	5.7	
C3A	20240911	Sunny	10:58	8.53	103.7	7.21	0.01	25.30	5.81	6.5	
C3A	20240913	Sunny	15:58	8.05	101.1	7.48	0.02	27.00	5.78	4.8	
C3A	20240913	Sunny	15:57	8.06	101.1	7.80	0.02	27.00	5.74	4.7	
C3A	20240916	Sunny	15:42	7.54	92.1	7.68	0.03	27.30	3.63	<2.5	
C3A	20240916	Sunny	15:42	7.57	92.3	7.64	0.03	27.30	3.33	<2.5	
C3A	20240918	Sunny	14:49	8.20	99.8	7.88	0.04	28.20	4.09	3.8	
C3A	20240918	Sunny	14:49	8.24	100.1	7.84	0.04	28.20	3.41	3.8	
C3A	20240920	Sunny	14:06	8.52	103.4	7.85	0.01	29.10	7.91	4.4	
C3A	20240920	Sunny	14:06	8.63	104.6	7.82	0.01	29.10	7.66	3.7	
C3A	20240923	Cloudy	15:22	7.83	94.9	7.75	0.05	27.10	3.59	<2.5	
C3A	20240923	Cloudy	15:22	7.84	95.1	7.70	0.05	27.10	3.18	<2.5	
C3A	20240925	Sunny	14:32	7.66	92.9	7.52	0.04	28.10	3.05	<2.5	
C3A	20240925	Sunny	14:32	7.67	93.2	7.50	0.04	28.10	3.32	<2.5	
C3A	20240927	Sunny	14:32	8.31	106.5	7.94	0.04	27.20	3.75	<2.5	
C3A	20240927	Sunny	14:32	8.32	106.8	7.90	0.04	27.20	4.16	<2.5	
C3A	20240930	Sunny	14:32	9.06	110.4	7.11	0.03	25.20	4.32	3.7	
C3A	20240930	Sunny	14:32	9.10	110.5	7.07	0.03	25.20	4.11	3.9	

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Water Quality Monitoring Result



Water Quality Monitoring Location: C6

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C6	20240902	Cloudy	14:04	8.97	112.9	8.15	0.09	29.50	6.14	<2.5	
C6	20240902	Cloudy	14:04	8.99	113.3	8.13	0.09	29.50	6.38	<2.5	
C6	20240904	Cloudy	9:08	8.75	110.1	8.00	0.09	29.60	7.27	4.4	
C6	20240904	Cloudy	9:08	8.73	110.5	7.99	0.09	29.60	7.4	3.9	
C6	20240909	Sunny	14:16	8.66	109.2	8.23	0.09	30.00	6.09	9.3	
C6	20240909	Sunny	14:16	8.69	109.6	8.21	0.09	30.00	6.31	8.4	
C6	20240911	Sunny	9:44	7.25	89.4	7.23	0.02	26.00	4.98	7.4	
C6	20240911	Sunny	9:44	7.26	89.5	7.23	0.02	26.00	4.91	5.4	
C6	20240913	Sunny	15:16	5.70	75.4	7.42	0.10	29.90	10.78	9.1	
C6	20240913	Sunny	15:16	5.55	73.2	7.43	0.10	29.80	11.21	7.8	
C6	20240916	Sunny	14:29	6.22	75.9	7.24	0.08	29.40	5.86	2.6	
C6	20240916	Sunny	14:29	6.25	76.0	7.25	0.08	29.40	6.3	3.1	
C6	20240918	Sunny	13:34	6.35	76.9	7.13	0.06	29.50	5.67	<2.5	
C6	20240918	Sunny	13:34	6.32	77.0	7.15	0.06	29.50	5.89	<2.5	
C6	20240920	Sunny	12:53	6.88	83.5	6.96	0.08	31.10	6.96	3.7	
C6	20240920	Sunny	12:53	6.86	83.4	6.97	0.08	31.10	6.34	3.3	
C6	20240923	Cloudy	14:24	6.41	77.8	7.17	0.07	29.60	5.85	<2.5	
C6	20240923	Cloudy	14:24	6.39	78.0	7.20	0.07	29.60	5.75	<2.5	
C6	20240925	Sunny	13:27	7.00	85.2	7.58	0.08	29.20	6.27	<2.5	
C6	20240925	Sunny	13:27	7.00	85.4	7.58	0.08	29.20	6.32	<2.5	
C6	20240927	Sunny	13:27	6.98	89.6	8.27	0.07	30.00	5.98	<2.5	
C6	20240927	Sunny	13:27	7.01	89.8	8.26	0.07	30.00	6.14	<2.5	
C6	20240930	Sunny	13:27	7.98	96.8	7.19	0.04	26.40	5.22	<2.5	
C6	20240930	Sunny	13:27	7.94	96.9	7.20	0.04	26.40	5.49	<2.5	

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Drainage Improvement Works at Yuen Long -

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Water Quality Monitoring Result



Water Quality Monitoring Location: C7A

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C7A	20240902	Cloudy	14:31	7.60	95.7	7.59	0.13	29.30	7.96	2.8	
C7A	20240902	Cloudy	14:31	7.55	95.6	7.56	0.13	29.30	7.4	2.5	
C7A	20240904	Cloudy	9:31	7.44	93.9	7.95	0.12	29.60	6.65	3.3	
C7A	20240904	Cloudy	9:31	7.40	93.8	7.94	0.12	29.60	6.59	3.2	
C7A	20240909	Sunny	14:42	7.08	89.6	7.49	0.15	29.10	7.89	10.3	
C7A	20240909	Sunny	14:42	7.08	89.5	7.46	0.15	29.10	7.63	9.3	
C7A	20240911	Sunny	10:08	6.55	83.0	7.33	0.10	27.60	6.76	7.4	
C7A	20240911	Sunny	10:08	6.54	82.9	7.31	0.10	27.60	6.84	5.8	
C7A	20240913	Sunny	15:00	6.46	82.3	7.21	0.06	27.90	6.52	20.8	
C7A	20240913	Sunny	15:01	6.54	82.9	7.22	0.06	27.60	6.76	15.7	
C7A	20240916	Sunny	14:58	7.39	89.9	7.71	0.10	29.20	8.01	3.1	
C7A	20240916	Sunny	14:58	7.37	89.7	7.67	0.10	29.20	7.4	3.9	
C7A	20240918	Sunny	13:57	7.08	86.0	7.85	0.11	28.70	7.99	<2.5	
C7A	20240918	Sunny	13:57	7.08	85.9	7.84	0.11	28.70	7.48	<2.5	
C7A	20240920	Sunny	13:19	7.15	87.2	7.50	0.08	29.60	7.98	2.8	
C7A	20240920	Sunny	13:19	7.21	87.3	7.48	0.08	29.60	7.58	2.6	
C7A	20240923	Cloudy	14:42	7.44	90.8	7.83	0.12	27.30	7.6	<2.5	
C7A	20240923	Cloudy	14:42	7.49	90.7	7.81	0.12	27.30	6.78	<2.5	
C7A	20240925	Sunny	13:50	7.90	96.2	7.74	0.10	29.20	7.81	<2.5	
C7A	20240925	Sunny	13:50	7.90	96.1	7.71	0.10	29.20	7.21	<2.5	
C7A	20240927	Sunny	13:50	7.46	95.0	7.71	0.09	29.60	7.81	<2.5	
C7A	20240927	Sunny	13:50	7.45	94.9	7.69	0.09	29.60	7.36	<2.5	
C7A	20240930	Sunny	13:50	6.56	80.0	7.25	0.08	27.40	6.98	<2.5	
C7A	20240930	Sunny	13:50	6.56	79.9	7.25	0.08	27.40	6.8	<2.5	

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Drainage Improvement Works at Yuen Long -

Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che

Water Quality Monitoring Result



Water Quality Monitoring Location: C8

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C8	20240902	Cloudy	14:46	7.18	90.3	7.74	0.09	28.30	7.71	<2.5	
C8	20240902	Cloudy	14:46	7.17	90	7.72	0.09	28.30	7.66	<2.5	
C8	20240904	Cloudy	9:48	7.66	96.7	7.49	0.11	28.00	6.37	<2.5	
C8	20240904	Cloudy	9:48	7.62	96.4	7.46	0.11	28.00	6.48	<2.5	
C8	20240909	Sunny	14:58	6.98	88.1	7.82	0.11	28.60	7.56	6.4	
C8	20240909	Sunny	14:58	6.96	87.9	7.81	0.11	28.60	7.59	3.8	
C8	20240911	Sunny	10:24	7.44	95.0	7.29	0.08	28.00	11.12	2.9	
C8	20240911	Sunny	10:24	7.43	95.0	7.27	0.08	28.00	11.23	4.4	
C8	20240913	Sunny	15:27	5.71	74.7	7.22	0.08	29.40	6.23	<2.5	
C8	20240913	Sunny	15:27	5.68	74.4	7.25	0.08	29.40	5.87	<2.5	
C8	20240916	Sunny	15:13	7.45	90.2	7.36	0.10	27.90	8.26	<2.5	
C8	20240916	Sunny	15:13	7.43	90.0	7.33	0.10	27.90	7.96	<2.5	
C8	20240918	Sunny	14:15	7.34	89.5	7.44	0.12	28.30	7.81	<2.5	
C8	20240918	Sunny	14:15	7.34	89.3	7.44	0.12	28.30	8	<2.5	
C8	20240920	Sunny	13:35	8.83	107.5	7.37	0.11	29.10	7.9	<2.5	
C8	20240920	Sunny	13:35	8.78	107.0	7.35	0.11	29.10	8.06	<2.5	
C8	20240923	Cloudy	15:00	7.52	91.2	7.45	0.10	28.00	7.61	<2.5	
C8	20240923	Cloudy	15:00	7.46	91.0	7.43	0.10	28.00	8.11	<2.5	
C8	20240925	Sunny	14:06	6.61	80.4	7.62	0.12	28.50	6.66	<2.5	
C8	20240925	Sunny	14:06	6.56	80.1	7.60	0.12	28.50	6.36	<2.5	
C8	20240927	Sunny	14:06	7.55	96.1	7.87	0.11	28.00	7.68	<2.5	
C8	20240927	Sunny	14:06	7.52	95.9	7.84	0.11	28.00	7.94	<2.5	
C8	20240930	Sunny	14:06	7.83	95.2	7.51	0.08	27.60	8.24	<2.5	
C8	20240930	Sunny	14:06	7.82	95.1	7.49	0.08	27.60	8.03	<2.5	

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Water Quality Monitoring Result



Water Quality Monitoring Location: C9

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C9	20240902	Cloudy	13:22	8.69	109.4	7.70	0.08	27.40	6.03	<2.5	
C9	20240902	Cloudy	13:22	8.69	109.3	7.66	0.08	27.40	6.6	<2.5	
C9	20240904	Cloudy	8:30	8.58	108.7	7.65	0.08	27.40	6.21	<2.5	
C9	20240904	Cloudy	8:30	8.61	108.6	7.63	0.08	27.40	7.16	<2.5	
C9	20240909	Sunny	13:35	8.57	108.2	7.85	0.08	28.40	6.2	6.0	
C9	20240909	Sunny	13:35	8.54	108.1	7.81	0.08	28.40	6.28	5.8	
C9	20240911	Sunny	8:47	8.79	106.8	7.95	0.04	25.20	4.6	7.2	
C9	20240911	Sunny	8:49	8.80	106.9	7.73	0.04	25.20	4.72	5.0	
C9	20240913	Sunny	14:16	8.55	104.6	7.55	0.04	25.60	4.98	9.5	
C9	20240913	Sunny	14:15	8.55	104.6	7.57	0.04	25.60	4.11	7.2	
C9	20240916	Sunny	13:49	8.94	108.7	7.13	0.07	27.30	6.15	2.8	
C9	20240916	Sunny	13:49	8.96	108.5	7.12	0.07	27.30	6.34	3.1	
C9	20240918	Sunny	12:53	8.29	100.7	7.33	0.10	27.60	6.97	4.2	
C9	20240918	Sunny	12:53	8.29	100.6	7.32	0.10	27.60	7.19	5.2	
C9	20240920	Sunny	12:11	10.44	126.8	7.04	0.11	28.40	6.85	2.8	
C9	20240920	Sunny	12:11	10.44	127.3	6.99	0.11	28.40	6.94	2.6	
C9	20240923	Cloudy	13:54	8.60	104.3	7.36	0.09	26.60	7.52	<2.5	
C9	20240923	Cloudy	13:54	8.57	104.2	7.35	0.09	26.60	7.85	<2.5	
C9	20240925	Sunny	12:51	8.40	102.0	7.11	0.09	28.20	7.28	<2.5	
C9	20240925	Sunny	12:51	8.35	101.9	7.07	0.09	28.20	6.76	<2.5	
C9	20240927	Sunny	12:51	9.02	115.3	7.77	0.09	27.20	6.31	<2.5	
C9	20240927	Sunny	12:51	8.99	115.1	7.74	0.09	27.20	7.42	<2.5	
C9	20240930	Sunny	12:51	8.70	105.7	8.14	0.06	24.50	5.08	<2.5	
C9	20240930	Sunny	12:51	8.69	105.8	7.94	0.06	24.50	5.14	<2.5	

Contract No. DC/2022/02

Drainage Improvement Works at Yuen Long -

Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che

Water Quality Monitoring Result



Water Quality Monitoring Location: C10

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C10	20240902	Cloudy	13:34	5.44	68.8	7.47	0.10	26.70	8.94	<2.5	
C10	20240902	Cloudy	13:34	5.39	67.8	7.48	0.10	26.70	8.4	<2.5	
C10	20240904	Cloudy	8:41	5.32	67.2	7.52	0.06	27.30	9.33	<2.5	
C10	20240904	Cloudy	8:41	5.27	66.1	7.53	0.06	27.30	9.21	<2.5	
C10	20240909	Sunny	13:48	5.11	64.3	7.66	0.09	27.50	8.88	<2.5	
C10	20240909	Sunny	13:48	5.02	63.2	7.64	0.09	27.50	8.11	<2.5	
C10	20240911	Sunny	9:07	7.89	97.2	7.73	0.04	26.00	5.3	<2.5	
C10	20240911	Sunny	9:07	8.19	100.5	7.53	0.04	25.70	6.08	<2.5	
C10	20240913	Sunny	14:30	7.17	91.2	7.44	0.05	27.60	12.87	4.8	
C10	20240913	Sunny	14:30	7.14	90.9	7.44	0.05	27.80	12.5	5.5	
C10	20240916	Sunny	14:01	6.55	79.5	7.49	0.09	28.50	9.29	2.7	
C10	20240916	Sunny	14:01	6.45	78.6	7.47	0.09	28.50	8.28	<2.5	
C10	20240918	Sunny	13:06	6.42	78.2	7.48	0.07	27.70	8.69	<2.5	
C10	20240918	Sunny	13:06	6.38	77.2	7.44	0.07	27.70	8.33	<2.5	
C10	20240920	Sunny	12:21	7.19	87.2	7.37	0.08	28.80	9.22	<2.5	
C10	20240920	Sunny	12:21	7.11	86.6	7.31	0.08	28.80	8.64	<2.5	
C10	20240923	Cloudy	14:04	6.95	84.8	7.83	0.09	27.60	8.62	<2.5	
C10	20240923	Cloudy	14:04	6.88	83.8	7.80	0.09	27.60	8.34	<2.5	
C10	20240925	Sunny	13:00	6.71	81.6	7.45	0.08	27.60	7.49	<2.5	
C10	20240925	Sunny	13:00	6.66	80.6	7.42	0.08	27.60	7.15	<2.5	
C10	20240927	Sunny	13:00	6.52	83.7	7.79	0.08	27.70	8.85	<2.5	
C10	20240927	Sunny	13:00	6.47	82.7	7.80	0.08	27.70	8.62	<2.5	
C10	20240930	Sunny	13:00	8.19	99.7	7.73	0.05	26.30	5.81	<2.5	
C10	20240930	Sunny	13:00	8.51	103.4	7.52	0.05	26.30	6.16	<2.5	