

Table 1. Monthly and annual precipitation at the Clarksville Facility, Howard Co. MD.

CMREC-Clarksville Rainfall/Snow

	Jan	Snow	Feb	Snow	March	Snow	April	May	June	July	Aug	Sept	Oct	Nov	Snow	Dec	Snow	TOTAL
1986	2.51	2.4	3.25	18.2	0.94	0	3.36	0.77	1.04	2.77	5.54	0.76	2.11	6.01	0	5.67	0	65.33
1987	4.33	27.6	1.85	18.2	2.56	0	3.2	3.28	2.17	4.75	0.66	8.34	3.39	4	8.2	2.39	2.7	97.62
1988	2.75	13.3	3.21	1.8	2.47	0	2.58	6.67	0.49	5.6	3.88	2.56	1.84	4.63	0	1.13	1.4	64.31
1989	3.32	10.9	3.3	0.2	5.4	1.1	4.49	10.8	9.87	5.81	2.01	4.38	4.83	2.44	3.5	1.3	11.7	85.35
1990	4.21	1.6	1.95	0	2.59	6.1	4.8	6.02	1.9	3.92	6.2	1.28	4.96	3.25	0	6.2	6.5	61.48
1991	3.12	7.3	1.14	0	5.42	3	1.92	1.93	2.11	2.1	3.18	4.8	1.98	2.53	0	4.53	0	41.84
1992	2.18	3.1	2.58	4.2	4.24	0.7	2.75	4.66	1.35	5.41	3.48	3.99	2.7	5.58	0	5.06	3.2	66.16
1993	2.5	2	2.46	10.6	7.69	12	6.4	1.92	4.09	2.01	4.25	3.65	2.54	6.11	0	4.45	0	72.67
1994	4.85	3	3.96	5	7.99	0	2.23	4.88	1.06	3.69	4.67	3.08	1.65	3.07	0	2.38	0	61.61
1995	4.07	0	8.86	7	2.1	0	1.87	5.33	3.38	1.83	4.09	3.76	6.58	4.78	1	1.77	3	69.42
1996	5.38	29	7.86	13.5	3.88	2.5	3.92	5.76	5.85	8.24	4.74	6.22	4.56	4.96	0	7.08	0	113.46

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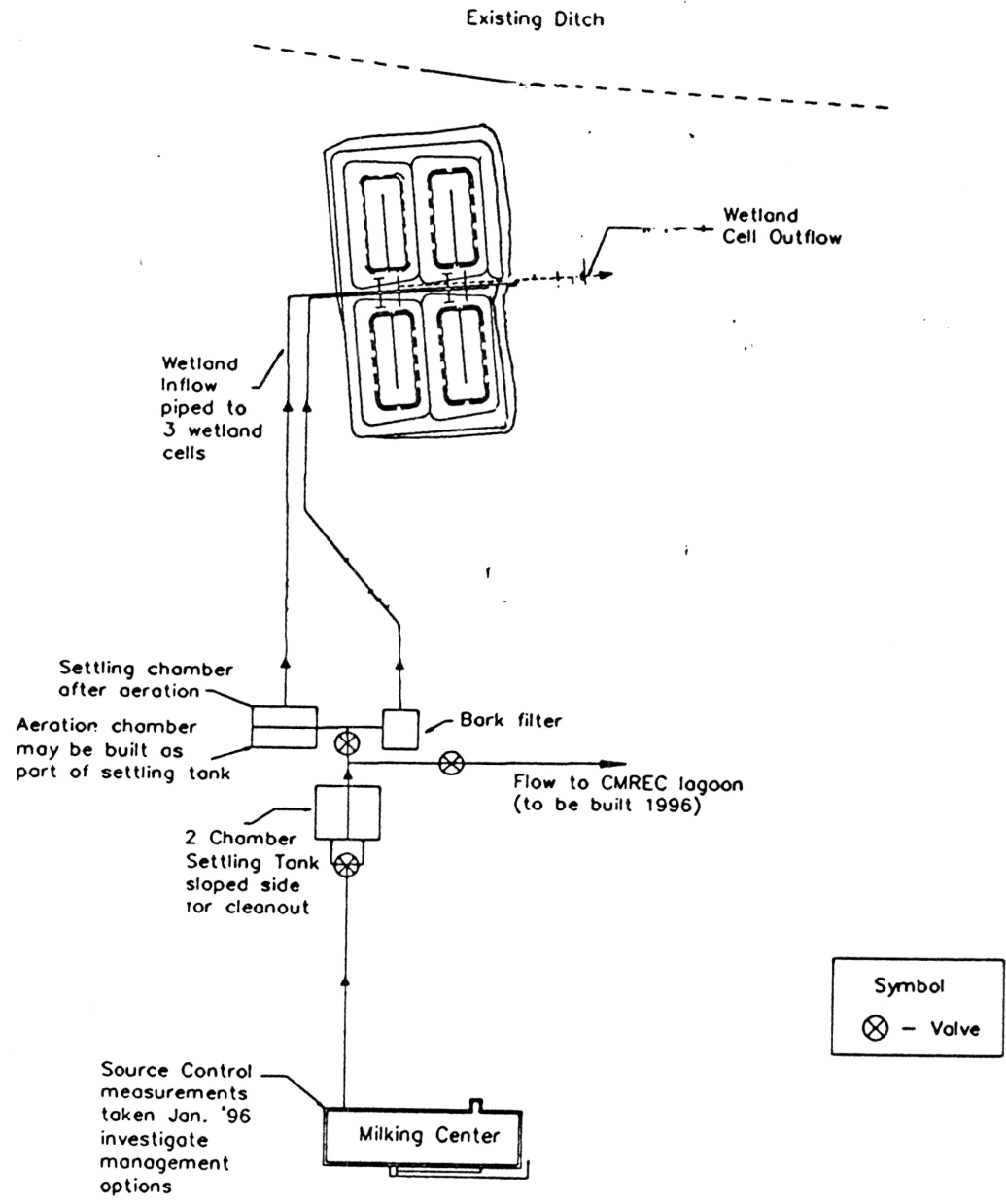


Figure 1. Constructed wetlands and pretreatment design as of 1997.

Schematic representation of flow path from milking center through pretreatment and wetland treatment
 Not to scale.
 Wetland project - University of Maryland CMREC

Figure 3. Compost oxygen consumption in 1995.

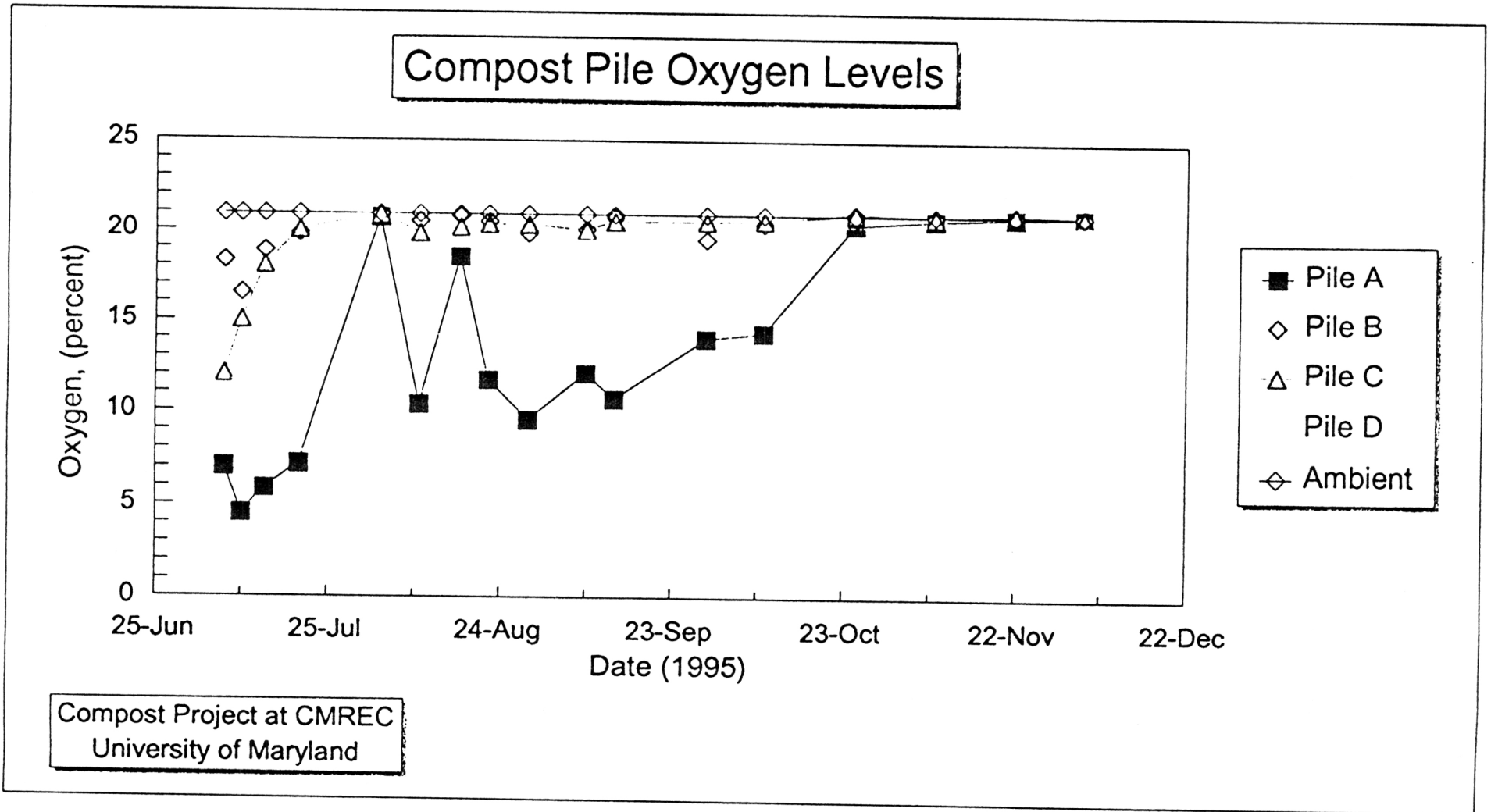


Figure 2. Compost pile temperatures in 1995.

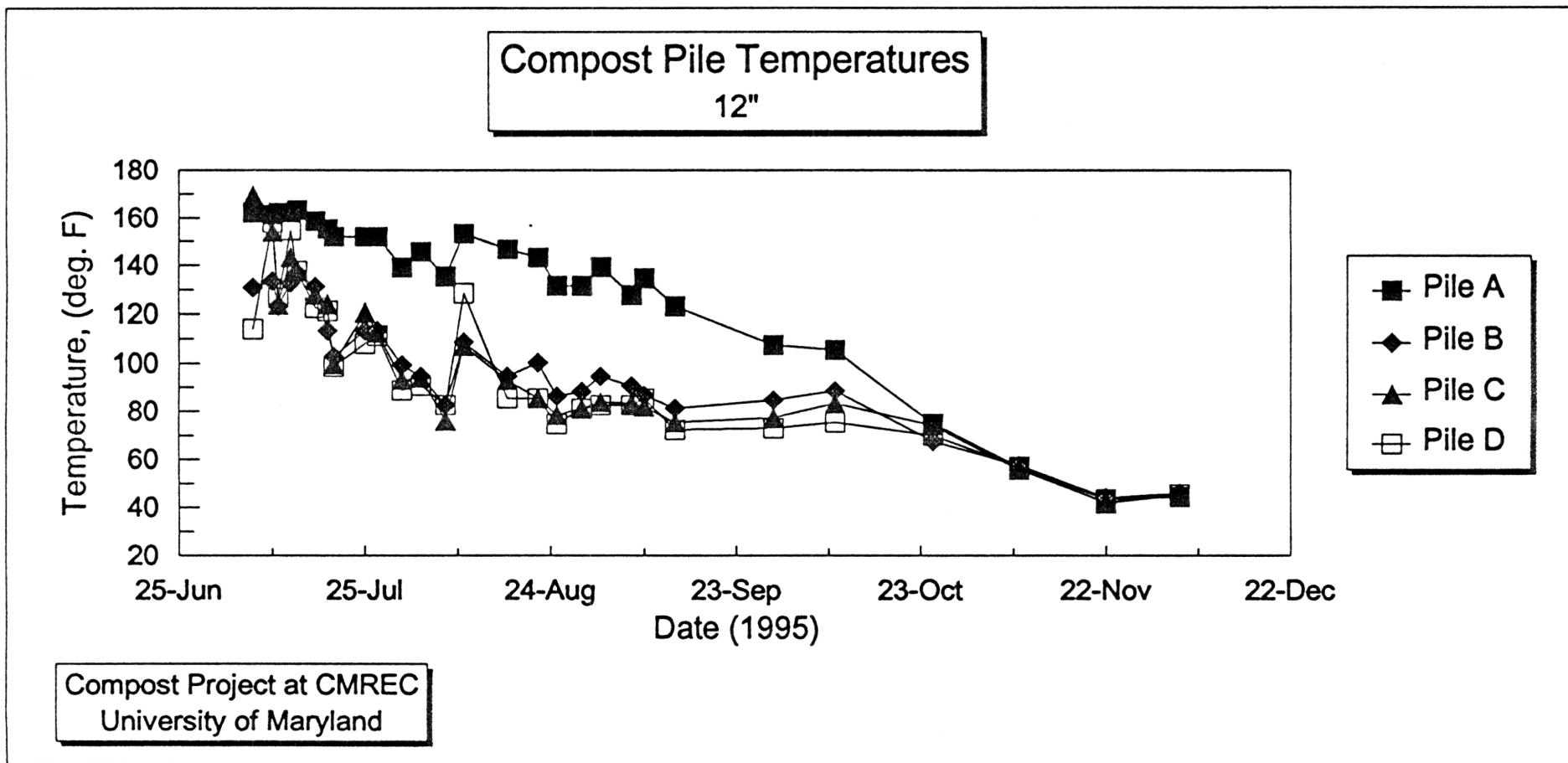
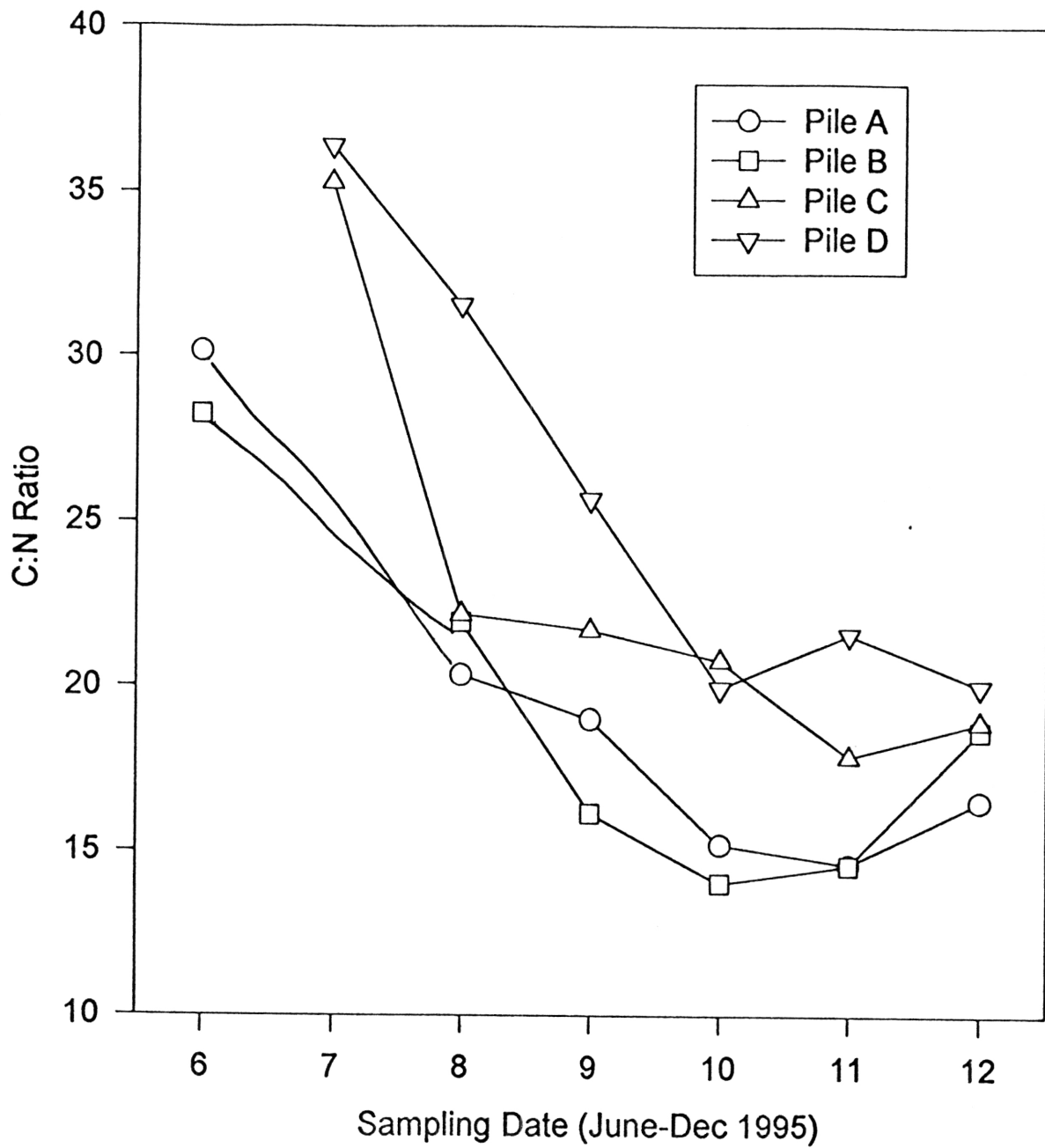


Figure 4. Compost carbon:nitrogen ratios in 1995.

Clarksville Compost C:N Ratios



Changes in Compost Pile Temperatures

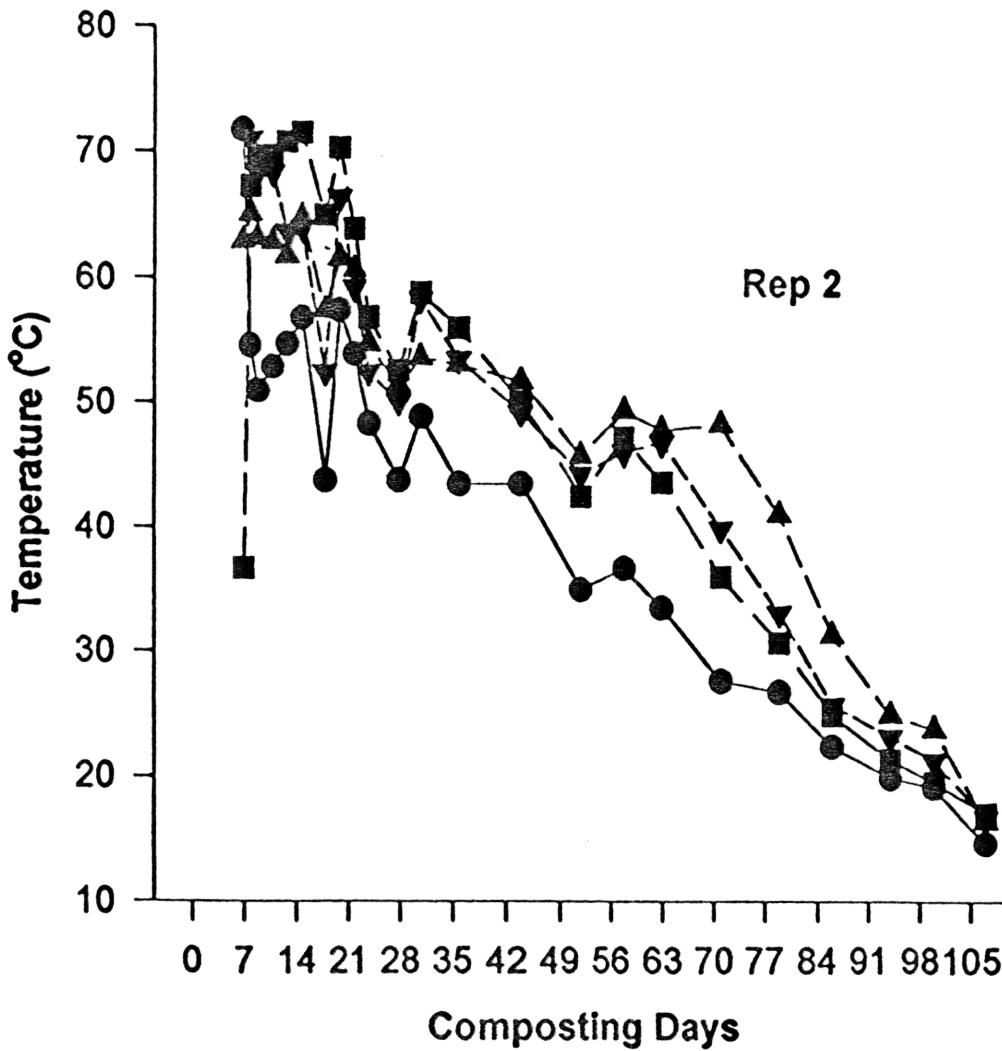
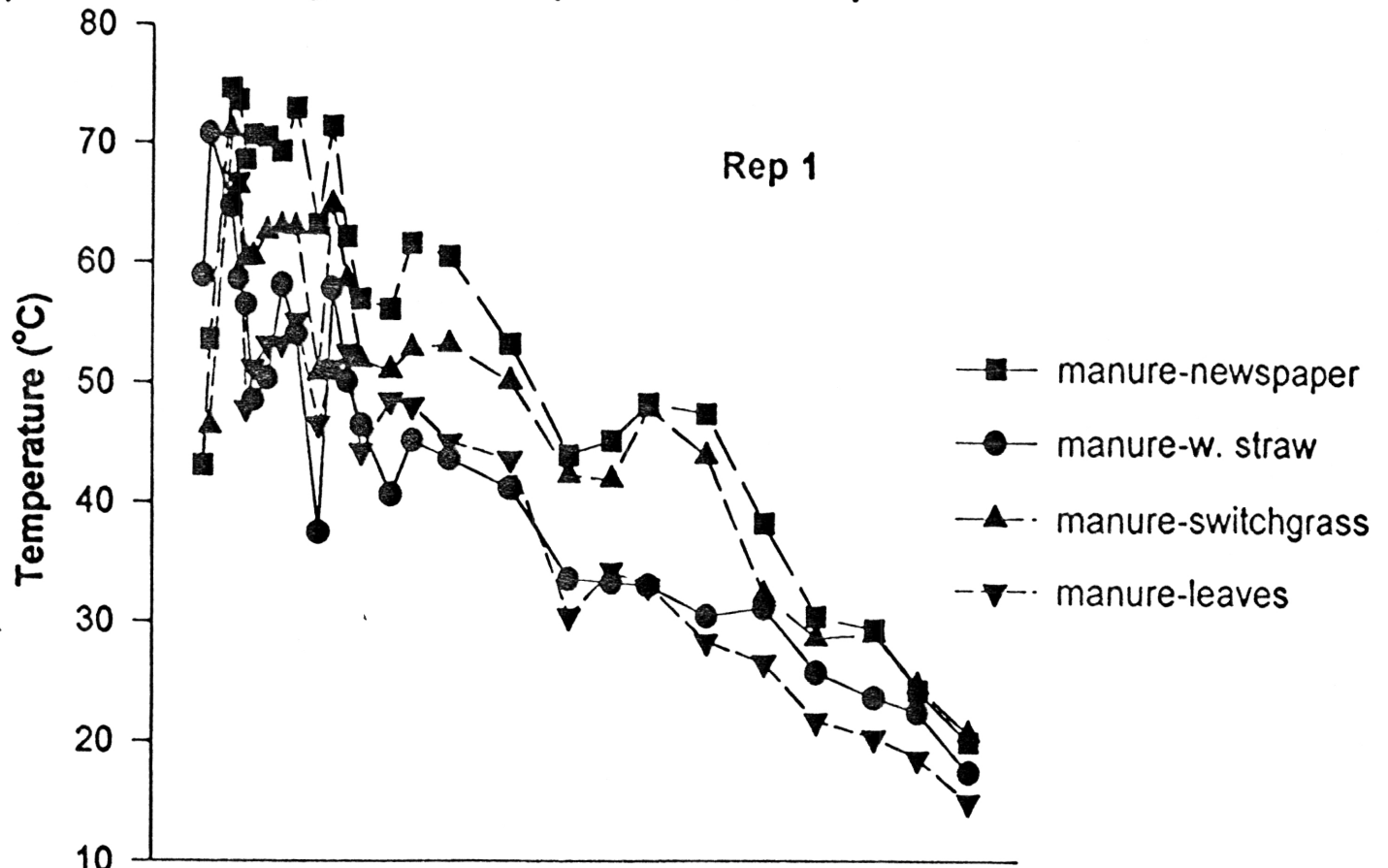


Figure 5.

Changes in Available Oxygen in Compost Piles

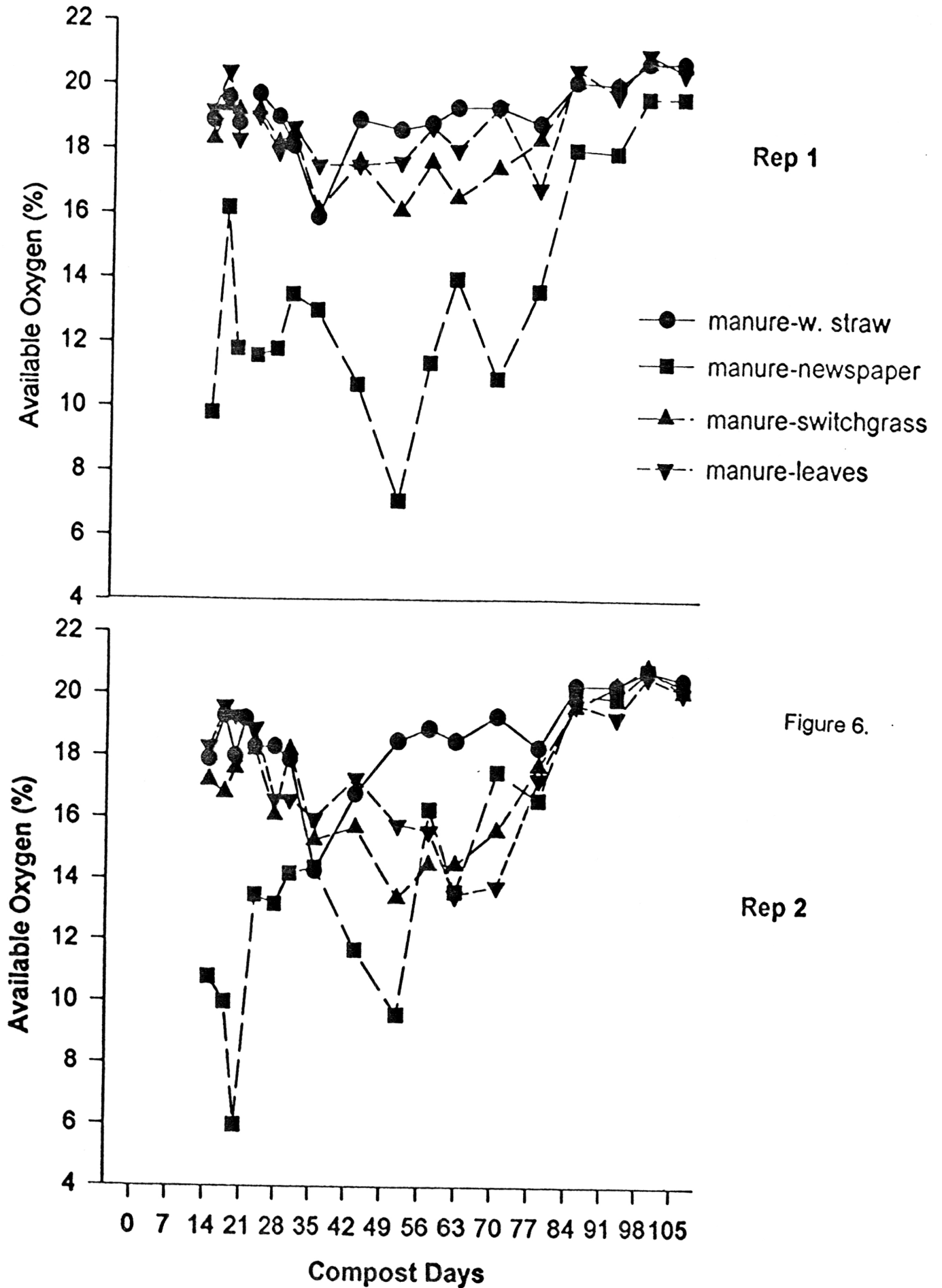


Figure 6.

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