

**Appendix D2  
Dust and PM10  
monitoring results,  
Gwindinup**



# HVA Dust Monitoring Summary

## Location GWN

### Location: GWN Offices

Sample	Date	Wind Speed (km/h)	Wind Direction	TSP ( $\mu\text{g}/\text{m}^3$ )
H853	2007/11/12	5.4	S	198

### Location: GWN3

Sample	Date	Wind Speed (km/h)	Wind Direction	TSP ( $\mu\text{g}/\text{m}^3$ )
H844	2007/10/22	4.0	ESE	79.2
H846	2007/10/24	3.9	SSW	40.5
H862	2007/12/07	12.0	SE	61.4
H867	2007/12/21	0.0		34.9

# HVA Dust Monitoring Summary

## Location GWN

### Location: GWN - Dam Wall

Sample	Date	Wind Speed (km/h)	Wind Direction	TSP ( $\mu\text{g}/\text{m}^3$ )
H881	2008/02/05	17.0	E/NE	109

### Location: GWN - Trigwell

Sample	Date	Wind Speed (km/h)	Wind Direction	TSP ( $\mu\text{g}/\text{m}^3$ )
H872	2008/01/18	9.0	E/SE	62.8
H877	2008/01/23	6.4	E/SE	94.2

### Location: GWN1

Sample	Date	Wind Speed (km/h)	Wind Direction	TSP ( $\mu\text{g}/\text{m}^3$ )
H900	2008/03/26	11.4	E/NE	45.9
H906	2008/04/17	3.1	N/NE	16.2
H912	2008/05/19	4.9	East	32.5
H939	2008/10/06	7.8	E, NE	8.38
H944	2008/10/21	1.8	N	140
H946	2008/10/29	16.6	S,SW	23.9
H950	2008/11/12	6.3	S,SE	32
H956	2008/11/26	4.7	SW	17.7
H958	2008/12/02	3.7	NE	71.8

### Location: GWN2

Sample	Date	Wind Speed (km/h)	Wind Direction	TSP ( $\mu\text{g}/\text{m}^3$ )
H914	2008/05/20	1.8	NE	55.3
H940	2008/10/07	5.3	E, SE	46.2
H943	2008/10/15	16.6	S, SW	45.6
H952	2008/11/17	9.2	E,SE	82.5
H954	2008/11/25	2.6	SW	79.4
H960	2008/12/04	4.8	WSW	31.2
H962	2008/12/08	0.0		53.0

### Location: GWN3

Sample	Date	Wind Speed (km/h)	Wind Direction	TSP ( $\mu\text{g}/\text{m}^3$ )
H879	2008/01/25	9.4	SE	126
H883	2008/02/08	11.0	E	39.9
H893	2008/03/04	0.0		25.4
H898	2008/03/14	2.1	N/NE	27.1

# HVA Dust Monitoring Summary

## Location GWN

### Location: GWN1

Sample	Date	Wind Speed (km/h)	Wind Direction	TSP ( $\mu\text{g}/\text{m}^3$ )
H967	2009/01/06	0.0		115
H975	2009/01/27	8.2	E,SE	47.2
H979	2009/02/05	6.2	S,SE	25.1
H983	2009/02/18	10.1	E	47.9
H988	2009/03/10	3.2	W	60.2
H994	2009/03/25	8.5	NE	44.1

### Location: GWN2

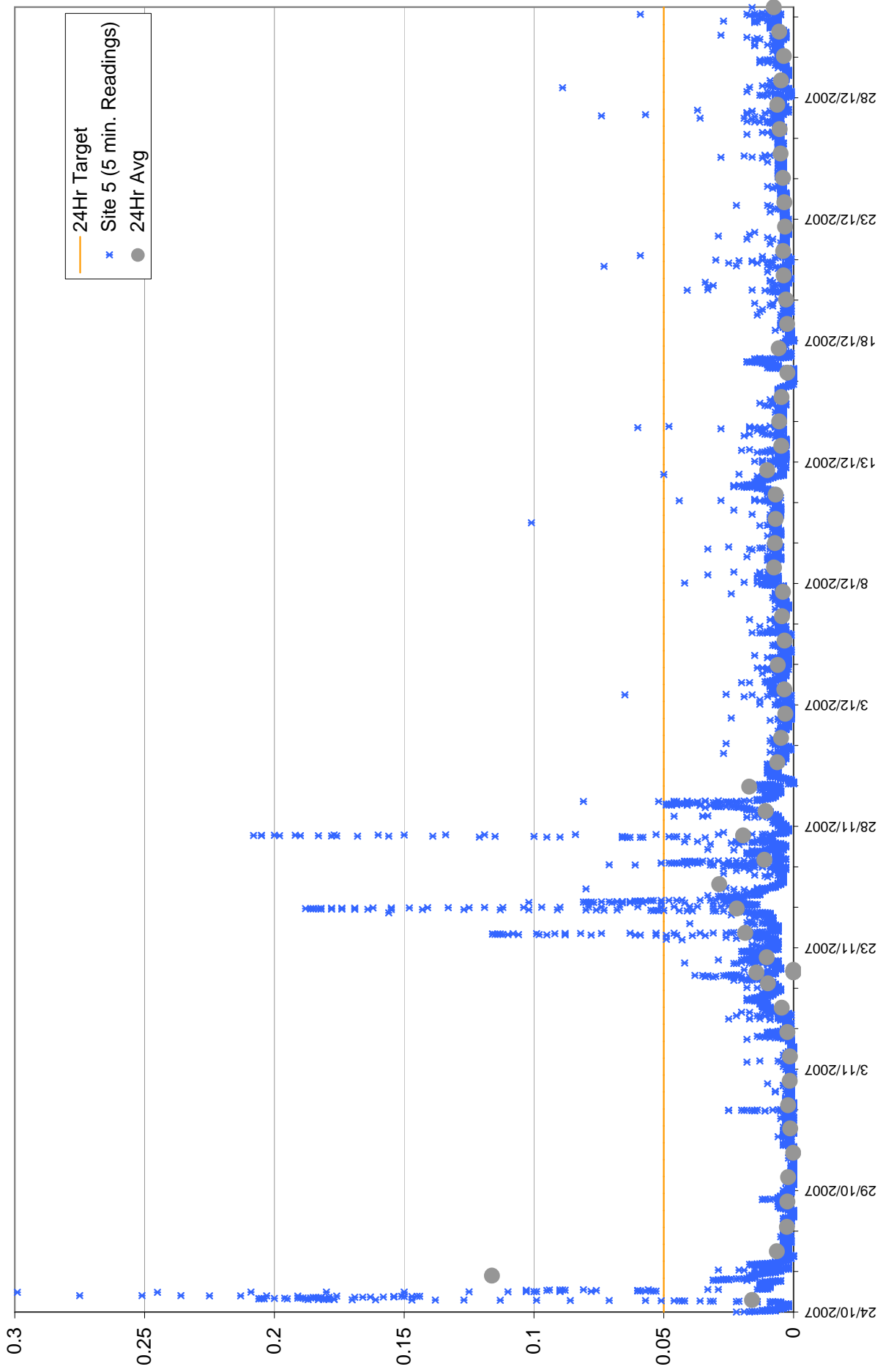
Sample	Date	Wind Speed (km/h)	Wind Direction	TSP ( $\mu\text{g}/\text{m}^3$ )
H968	2009/01/07	11.9	E	396
H972	2009/01/19	7.9	S,SE	42.9
H984	2009/02/19	13.3	SE	50.3
H986	2009/02/26	0.0		21
H989	2009/03/11	10.9	SE	36.3
H993	2009/03/23	3.8	SW	28.6

### Location: GWN3

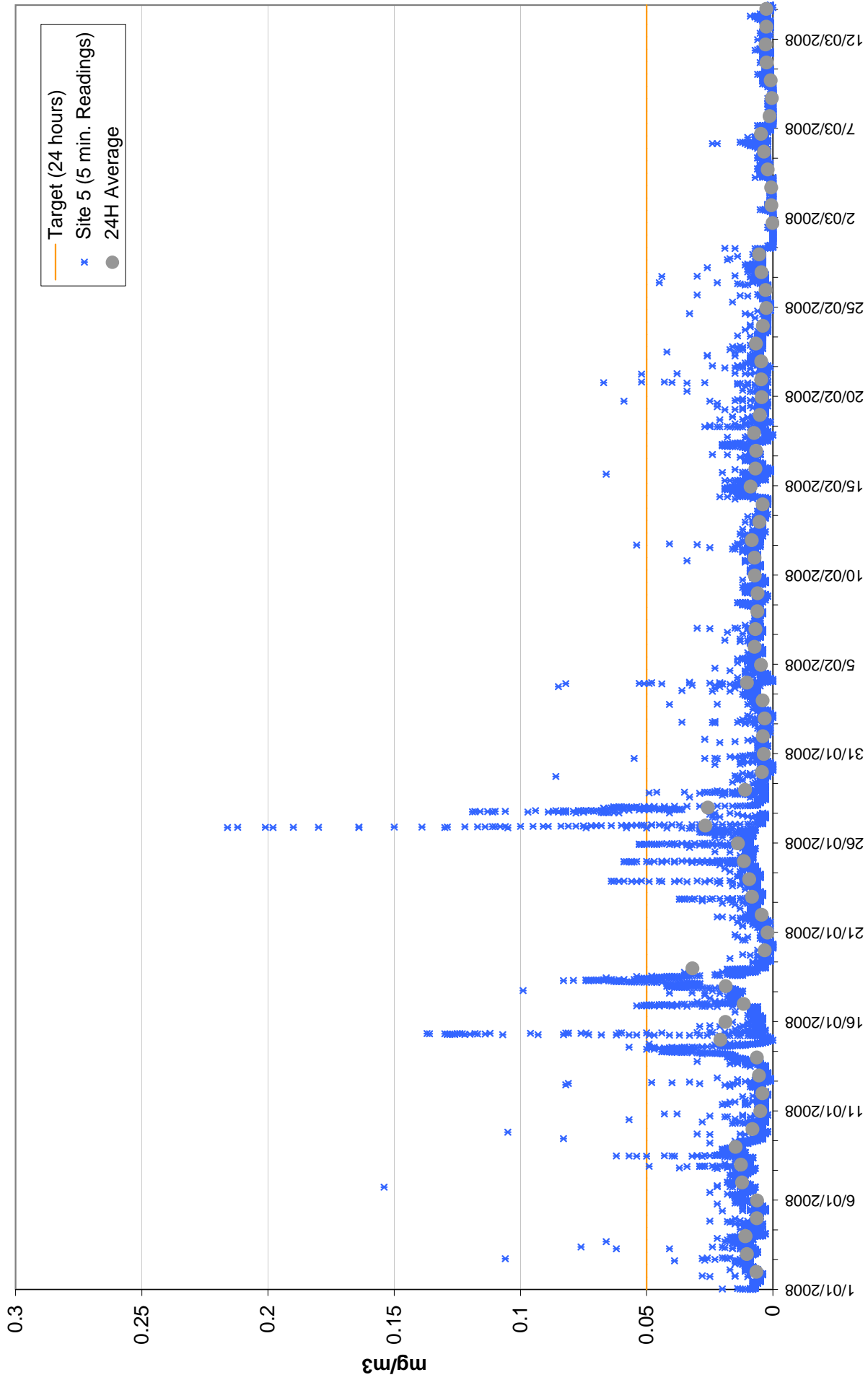
Sample	Date	Wind Speed (km/h)	Wind Direction	TSP ( $\mu\text{g}/\text{m}^3$ )
H995	2009/03/26	12.5	S,SE	52.5
H997	2009/03/30	0.0		31.7



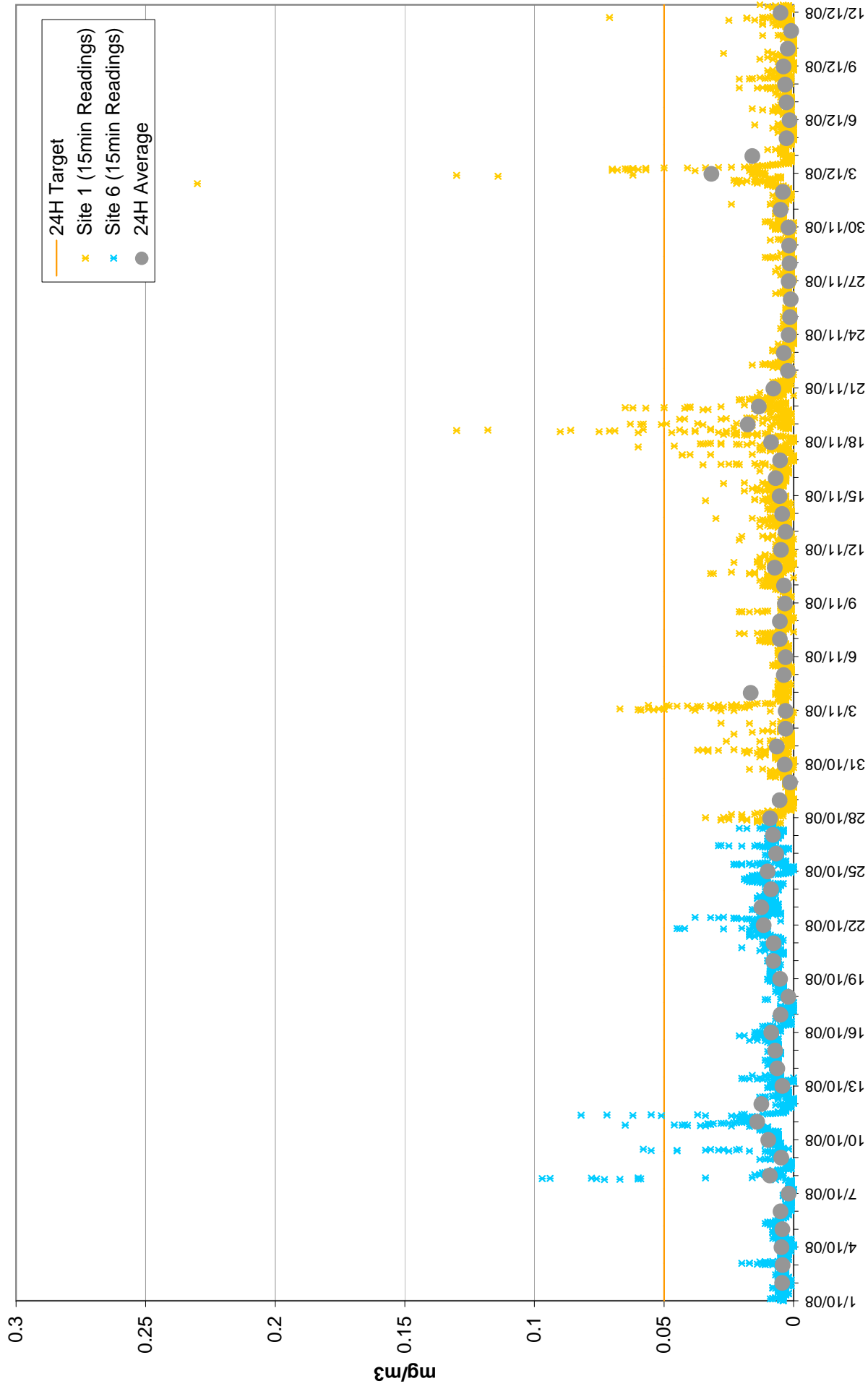
# Gwindinup Minesite PM10 Readings



# Gwindinup North Minesite PM10 Monitoring



# Gwindinup Minesite PM10 Minesite



# Gwindinup Minesite PM<sub>10</sub> Monitoring

