Table S1. Characteristics of the PM fraction sampling measurements (in sampling period, duration, and frequency)

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| PM fraction | Sampling period | Sampling duration |
| PM10 | April, 2014 | 24h (9:00a.m. to 9:00 a.m.) |
| July, 2014 | 48h (9:00a.m. to 9:00 a.m.) |
| October, 2014 | 48h (Oct. 1 to 13), 24h (Oct. 13 to 30)(9:00a.m. to 9:00 a.m.) |
| December, 2013 | 24h (9:00a.m. to 9:00 a.m.) |
| PM2.5 | April, 2014 | 24h (9:00a.m. to 9:00 a.m.) |
| July, 2014 | 48h (9:00a.m. to 9:00 a.m.) |
| October, 2014 | 48h (October 1 to 13), 24h (October 13 to 30)(9:00a.m. to 9:00 a.m.) |
| December, 2013 | 24h (9:00a.m. to 9:00 a.m.) |