

PM-10 DATA

60997
Source Ltr

Filters Report

Newport News

DTA 1/1/2015 To 3/31/2015

Date	Filter #	Run Time (min)	Pre Wt (g)	Post Wt (g)	Difference (g)	Flow Rate (ft ³ /min)	Conc. (ug/m ³)	Temp (F)	Pressure (in Hg)	Precip (inches)	Comments
1/6/2015	2017	1440.00	4.5181	4.5383	0.0202	39.11	12.63	39.00	30.23	0.00	
1/12/2015	2018	1440.00	4.5064	4.5250	0.0186	39.95	11.38	50.00	30.21	0.82	slight corner tear
1/18/2015	2019	1440.00	4.5431	4.5616	0.0185	40.35	11.21	50.00	29.91	0.90	
1/24/2015	2020	1440.00	4.5419	4.5490	0.0071	40.20	4.32	42.00	29.58	0.70	slight corner tear
1/30/2015	2021	1440.00	4.5315	4.5526	0.0211	39.27	13.14	38.00	30.05	0.03	
2/5/2015	2023	1440.00	4.5072	4.5399	0.0327	39.26	20.37	38.00	30.06	0.00	slight corner tear
2/11/2015	2024	1440.00	4.5424	4.5590	0.0166	39.04	10.40	34.00	30.00	0.00	
2/17/2015	2025	1.00	4.5387	4.5387	0.0020						
2/23/2015	2026	1440.00	4.5130	4.5389	0.0259	38.63	16.39	33.00	30.26	0.00	slight corner tear
3/1/2015	2027	1440.00	4.5228	4.5426	0.0198	38.01	12.74	28.00	30.46	0.09	slight corner tear
3/7/2015	2028	1440.00	4.5232	4.5557	0.0325	38.76	20.50	36.00	30.33	0.00	
3/13/2015	2029	1440.00	4.5224	4.5453	0.0229	39.11	14.32	44.00	30.52	0.00	slight corner tear
3/19/2015	2030	1440.00	4.5301	4.5554	0.0253	39.38	15.71	44.00	30.31	0.00	
3/25/2015	2031	1440.00	4.5227	4.5543	0.0316	40.14	19.25	54.00	30.29	0.00	
3/31/2015	2032	1440.00	4.5015	4.6544	0.1529	40.81	91.62	55.00	29.85	0.00	slight tear, really black

Average Concentration : 19.57

Maximum Concentration : 91.62

Minimum Concentration : 4.32

Calibration :

2022	4.5433
	4.5447
	-0.0014
2047	4.5152
	4.5194
	-0.0042



Filters Report
Newport News
DTA 4/1/2015 To 6/30/2015

Date	Filter #	Run Time (min)	Pre Wt (g)	Post Wt (g)	Difference (g)	Flow Rate (ft3/min)	Conc. (ug/m3)	Temp (F)	Pressure (In Hg)	Precip (Inches)	Comments
4/8/2015	2033	14440.00	4.5211	4.5802	0.0591	41.04	3.51	68.00	30.28	0.00	
4/12/2015	2034	1440.00	4.5011	4.5150	0.0139	40.23	8.45	56.00	30.33	0.00	
4/18/2015	2035	1440.00	4.4989	4.5385	0.0396	41.59	23.28	68.00	29.98	0.00	
4/24/2015	2036	1440.00	4.5022	4.5357	0.0335	40.57	20.19	54.00	29.97	0.00	
4/30/2015	2037	1.00	4.5027	4.5294	0.0267						
5/8/2015	2038	1440.00	4.4961	4.5408	0.0446	41.72	26.08	74.00	30.21	0.00	
5/12/2015	2039	1440.00	4.4947	4.6677	0.1730	42.64	99.22	82.00	29.98	0.01	really dirty
5/18/2015	2040	1440.00	4.5078	4.5518	0.0440	42.49	25.32	82.00	30.08	0.00	
5/24/2015	2041	1.00	4.5108	4.5119	0.0011						
5/30/2015	2042	1440.00	4.5085	4.5508	0.0421	42.13	24.43	79.00	30.18	0.00	
6/5/2015	2043	1440.00	4.4886	4.4859	-0.0027	41.70	-1.58	70.00	30.01	0.00	tears along edge
6/11/2015	2044	1440.00	4.5034	4.5378	0.0344	42.80	19.65	84.00	29.97	0.00	tears and crinkle around edge
6/17/2015	2045	1440.00	4.5104	4.5315	0.0211	42.64	12.10	84.00	30.08	0.00	tears and crinkle around edge
6/23/2015	2046	1440.00	4.5227	4.6272	0.1045	42.77	59.74	84.00	29.99	0.00	tears along edge, dirty
6/29/2015	2048	1440.00	4.1898	4.2069	0.0171	41.76	10.01	70.00	29.97	0.00	

Average Concentration : 25.42

Maximum Concentration : 99.22

Minimum Concentration : -1.58

Calibration :

2047	4.5162
	4.5195
	-0.0043
2072	4.3028
	4.3062
	-0.0034



Filters Report
Newport News
DTA 7/1/2015 To 9/30/2015

Date	Filter #	Run Time (min)	Pre Wt (g)	Post Wt (g)	Difference (g)	Flow Rate (ft3/min)	Conc. (ug/m3)	Temp (F)	Pressure (In Hg)	Precip (Inches)	Comments
7/5/2015	2049	1440.00	4.2135	4.2322	0.0187	42.01	10.88	76.00	30.11	0.45	
7/11/2015	2050	1440.00	4.2193	4.2399	0.0206	42.11	11.96	76.00	30.04	0.36	
7/17/2015	2051	1440.00	4.2311	4.2552	0.0241	42.00	14.03	75.00	30.06	0.00	tear at top of filter
7/24/2015	2052	1440.00	4.2142	4.2423	0.0281	42.31	16.24	77.00	29.95	0.00	off 1 day - timer battery replaced
7/29/2015	2053	1440.00	4.2021	4.2287	0.0266	42.61	15.27	82.00	30.00	0.00	slight tear corner of filter
8/4/2015	2054	1440.00	4.1995	4.2828	0.0833	42.77	47.63	83.00	29.94	0.00	slight tear corner of filter
8/10/2015	2055	1440.00	4.2007	4.2194	0.0187	41.86	10.92	72.00	30.00	0.00	
8/16/2015	2056	1440.00	4.2107	4.2587	0.0480	41.73	28.13	73.00	30.15	0.00	slight tear corner of filter
8/22/2015	2057	1440.00	4.2027	4.2237	0.0210	42.00	12.22	75.00	30.06	0.00	
8/28/2015	2058	1440.00	4.1929	4.2152	0.0223	41.63	13.10	72.00	30.17	0.00	slight tear corner of filter
9/3/2015	2059	1440.00	4.2290	4.2791	0.0501	42.60	28.76	80.00	29.90	0.00	
9/9/2015	2060	1440.00	4.2164	4.2531	0.0367	42.84	20.95	84.00	29.94	0.00	slight tear corner of filter
9/15/2015	2061	1440.00	4.2260	4.2546	0.0286	40.97	17.07	66.00	30.33	0.00	
9/21/2015	2062	1440.00	4.2397	4.2863	0.0466	41.78	15.57	72.00	30.06	0.06	slight tears along edges.

Average Concentration : 18.77

Maximum Concentration : 47.63

Minimum Concentration: 10.88

Calibration: 2072 4.3028
4.3081
-0.0053