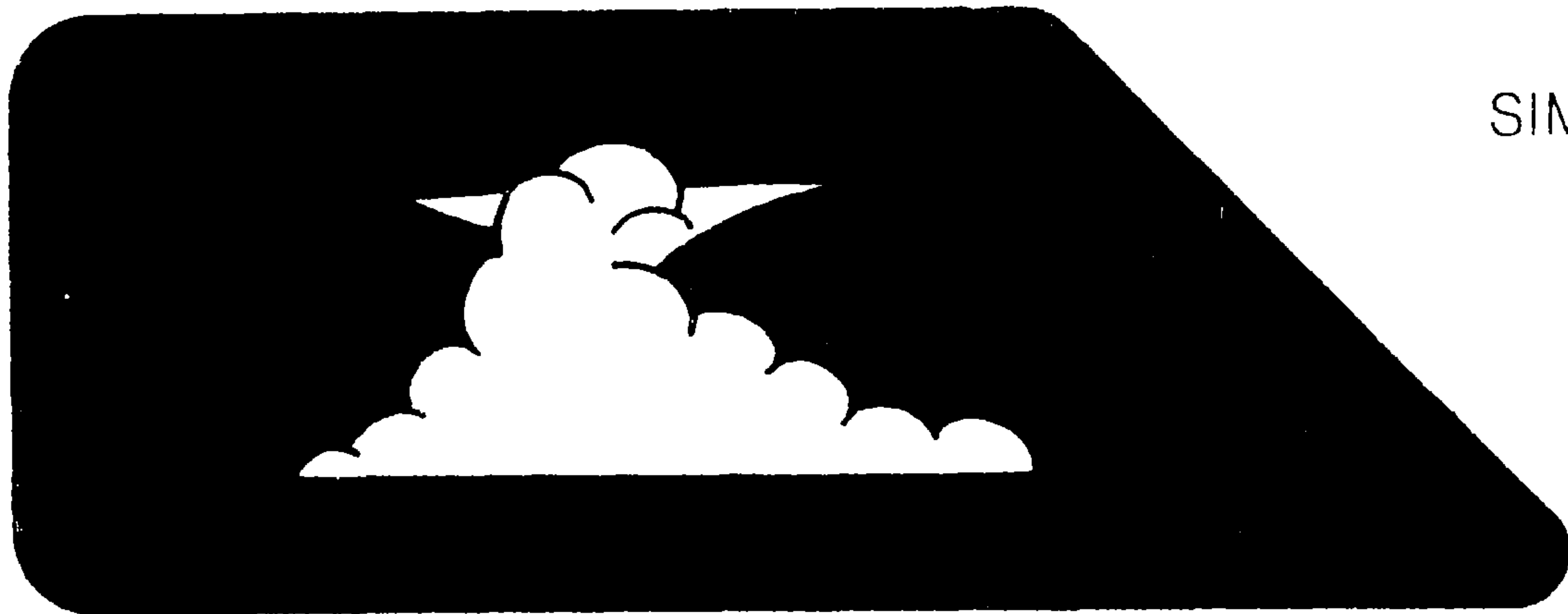




SIMPSON WEATHER ASSOCIATES, INC. /SWA
Environmental Consultants

809 East Jefferson St.

Charlottesville, VA 22904

Telephone: 804-979-2574/FAX: 804-979-5599

RECEIVED

June 19, 1992

JUN 23 1992

REGION VI

Mr. John Stewart
State Air Pollution Control Board
Old Greenbriar Village
Suite A
2010 Old Greenbriar Road
Chesapeake, VA 23320-2168

Dear Mr. Stewart:

Please find enclosed the summary of PM-10 data from monitor 180J, Newport News, VA for the first quarter of 1992. All particulate calculations are computed using the standard quarterly flow rate provided by the DAPC. There was no data collected on 1-13-92 nor 3-31-92. The average for the quarter was $15.15 \mu\text{g}/\text{m}^3$; the maximums and minimums were $30.96 \mu\text{g}/\text{m}^3$ and $6.93 \mu\text{g}/\text{m}^3$ respectively. There were no violations during the first quarter of 1992 at site 180J.

If you have any questions or comments, please call me at (804)979-3571.

Sincerely,

Edward M. Calvin

Edward M. Calvin
Assistant Director, Environmental
Services and CEC Divisions

	ACT	INT
REG DIR		☒
SE REG DIR		☒
TOXIC ENGINEER		
SENIOR ENGINEER		
ENGINEER		
CHESAPEAKE	A	☒
EASTERN SHORE		
NORFOLK		
PENINSULA	A	☒
FORTSMOUTH		
SOUTH		
VA BEACH		
W. HANOVER		
TECHNICIAN 1		
TECHNICIAN 2		
ADMINISTRATION		
DATA ENTRY		

PM-10 measurements, Newport News, VA, Monitor 108J

Quarter 1, 1992

Date	Filter #	Time(min)	Pre-Wt(g)	Post-Wt(g)	Diff(g)	Flow(cfm)	Conc.(ug/m3)	K-factor
1/1/92	582	1438	4.539	4.576	0.037	42.60	17.10	127 NNE
1/7/92*	583	1438	4.545	4.568	0.023	42.60	10.63	119.9 NNW
1/13/92*	NO DATA							
1/19/92**	584	1438	4.475	4.491	0.016	42.60	7.39	179.99 NNE-SE
1/25/92*	585	1438	4.537	4.567	0.03	42.60	13.86	242.76 W-SE
1/31/92*	586	1438	4.535	4.602	0.067	42.60	30.96	127.49 SW-NNW
2/6/92*	587	1438	4.51	4.533	0.023	42.60	10.63	218.64 NE
2/12/92*	588	1438	4.491	4.518	0.027	42.60	12.48	198.03 NE
2/18/92**	589	719	4.562	4.586	0.024	42.60	22.18	116.06 NE-SW
2/24/92*	590	1438	4.507	4.526	0.019	42.60	8.78	101.38 SE
3/1/92*	591	1438	4.475	4.512	0.037	42.60	17.10	805.59 SW
3/7/92*	592	1438	4.53	4.561	0.031	42.60	14.33	155.54 SE-E-SW
3/13/92*	593	1438	4.503	4.544	0.041	42.60	18.95	222.97 VAR.
3/19/92*	594	1438	4.492	4.537	0.045	42.60	20.80	236 SW-NW
3/25/92*	595	1438	4.49	4.505	0.015	42.60	6.93	294.23 SSE
3/31/92*	NO DATA							

15.15 ug/m3 = average for Quarter 1, 1992

30.96 ug/m3 = maximum for Quarter 1, 1992

6.93 ug/m3 = minimum for Quarter 1, 1992

** Denotes a 12 hour run

Denotes torn filter.

+ Denotes a break in filter sequence.

SENT BY:

6- 1-92 ; 1:58PM ; DOMINION TER ASSOC-

804 977 1545;# 3/ 3

Section 1.11.7

Revision No. 1

Date 6/2/88

Page 3 of 3

WEDDING SAMPLER MONTHLY FLOW CHECK DATA SHEET

STATION NUMBER 180 J. 3 LOCATION NN Housing Authority DATE 16 MARCH 92SAMPLER MODEL AND S/N 1040488065Y REGION VIPo 30.40 in Hg To 45° °F

DESIGN FLOW (CFM)	ΔP_{cfd} , (in Hg)	P1, Po- ΔP_{cfd} (in Hg)	P1/Po,	Qa(sampler) flow rate ^a , (CFM)	Difference (CFM)	%
40	1.5	28.90	.951	40.00	0.0	0%

a USE LOOK UP TABLE SUPPLIED WITH SAMPLER

$$\text{DESIGN CONDITION \% DIFFERENCE} = \frac{(40 - Q_a)}{Q_a} \times 100$$

COMMENTS/UNUSUAL CONDITIONS Cleaned Sampler with BrushOPERATOR Montoya E.J.

FORWARD COPY OF MONTHLY FLOW CHECK TO DIRECTOR, DIVISION OF MONITORING

CHECKED BY F. FALCON

OCR

The following pages contain the Optical Character Recognition text of the preceding scanned images.

ES, !NC,@SWA
SIMPSON WEAT"H"EA

-Tr ill I@Y

RECEIVED

June 19, 1992 J UN VS W2

REGION VI
Mr. John Stewart
St--te Air Cont--oll Board
Old Greenbriar Village
Suite A
2010 Old Greenbriar Road
Chesapeake, VA 23320-2168

Dear Mr. Stewart:

Please find enclosed the summary of PM-10 data from monitor 180J, Newport News, VA for the first quarter of 1992. All particulate calculations are computed using the standard quarterly flow rate provided by the DAPC. There was no data collected on 1-13-92 nor 3-31-92. The average for the quarter was 15.15 gg/M3; the maximums and minimums were 30.96 Ag/M3 and 6.93 Ag/M3 respectively. There were no violations during the first quarter of 1992 at site 180J.

If you have any questions or comments, please call me at (804) 979-3 57 1.

Sincerely,

Edward M. Calvin
Assistant Director, Environmental -----
Services and CEC Divisions

XC @'@Affk

7@

Wig spasureients, Newport News, VA, Monitor IOU

Quarter 1, 1992

Date Filter # Time(zin)Pre-Wt(g)Post-K(g) Diff(g) Flow(cft)Conc.(uv/13) K-factor

I/1/92 582 1438 4.539 4.576 8.937 42.60 17.10 127 NIC
117/92, 583 1438 4.545 4.568 0.823 eR 19.63 119.9 NNW
1/13/92i NO DATA
1/19/9211 584 1438 4.475 4.491 IL816 42.60 7.339 179.99 NNE-%
1/25/SLI, 585 1438 4.537 4.567 0.63 42.68 13.86 242.76 W-SE
1/31/92, 586 1438 4.535 4.662 6.067 42.60 36.96 IZ7.49 N-"
2/6/921 587 1438 4.51 4.533 8.823 42.60 10.63 218.64 NE
2/12/92, 588 1438 4.491 4.518 U27 42.68 12.48 198.03 NE
2/18/921, 589 719 4.562 4.586 0.024 KJ.60 22.18 116.06 NE-SW
2124/92i 598 1438 4.507 4.526 8.619 42.68 8.78 181.38 SE
3/1/921 591 1438 4.475 4.512 U37 42.60 17.18 W.9 SW
- 114.33 155.54 SE-E-I.Q
317/921 592 1438 4.53 4.561 0.831 42.60
3/13/92, 593 1438 4.503 4.544 0.041 42.68 18.95 M.97 VAR.
3/19/92, 594 1438 4.492 4.537 U45 42.60 20.80 236 "
3/25/i2i 595 1438 4.49 4.565 0.615 42.60 6.93 294.23 SSE
3/31/92, NO DATA

15.15 ug/v3 = average for Quarter 1, 1992

38.96 ug/i3 = vaxioum for Quarter 1, 1992

6

6.93 ug/i3 = iinim for Quarter 1, 1992

Denotes a 12 hour run

Denotes torn filter.

Denotes a break in filter sequence.

SENT BY: 6- 1-92 I:s8pm DOMINION TERA ASSOC-, 804 977 1545;# 3/ 3

Revision No. I
Date 6/2188
Page 3 of 3

WEDDING SAMPLER MONTHLY FLOW CHECK DATA SHEET

STATION NUMBER LOCATI-014 NN Housing Authority OATE 4-A

VI
SAMPLER MODEL AND SIN IWACLA V

PO-Z)o, 4-o in Hg To

F Qa s a nip e r
098 1 04 P1,
FLOW APctdo Po-Apcfd PI/Po, flow ratea, DIfference %
(CFM) (in Mg) (in Hq)

b @ro, 0 C) 010

aI USE LOOK UP TABLE SUPPLIED WITH 9AMPLER

DEsrGN comORTION % DIFFERSNCE f4l - 0al

Qa

COMMENTS/UNUSUAL CONDITroNs c shj c

OPERATOR

FORWARD COPY OF MONTHLY FLOW CHECK TO OtrgeTOR, DIVISION OF MONITORING

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