

Appendix E

Air Monitoring Worksheets

November 2013

Air Monitoring Worksheets

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/08/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 2**	Personal Data RAM	Station # **	Personal Data RAM	Station # **	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	7*	Monitor S/N	9*	Monitor S/N		Monitor S/N	
Location	Area A	Location	Area A	Location		Location	
Lat/Long	**	Lat/Long	**	Lat/Long		Lat/Long	
Start Time 1108	Conc (mg/m ³): 0.031 TWA (mg/m ³): 0.043	Start Time 1157	Conc (mg/m ³): 0.022 TWA (mg/m ³): 0.041	Start Time	Conc (mg/m ³): TWA (mg/m ³):	Start Time	Fibers:
Time: 1515	Conc (mg/m ³): 0.023 TWA (mg/m ³): 0.046	Time: 1536	Conc (mg/m ³): 0.030 TWA (mg/m ³): 0.045	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time:	Fibers:
Time:	Conc.(mg/m ³): TWA (mg/m ³):	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time:	Fibers:
End Time 1641	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.030	End Time 1637	Conc (mg/m ³): N/A TWA (mg/m ³): N/A <i>Unit was off</i>	End Time	Conc (mg/m ³): TWA (mg/m ³):	End Time	Fibers:
Total Run Time Min=	540	Total Run Time Min=		Total Run Time Min=		Total Run Time Min=	
Monitor Fault	N	Monitor Fault	<i>Unit was off by 1637 check time.</i>	Monitor Fault		Monitor Fault	
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.030	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.045	Daily TWA: (µg/m ³):		Daily TWA: (µg/m ³):	

MET Station on Site?: Yes

START-3 Signature/Date:  11-08-13

Comments:

Local Weather: Temp. 35-67°F, winds from the SW at 3-5mph, Sunny.

* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS on file.

 - Not collected.

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/09/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 2**	Personal Data RAM	Station # **	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	7*	Monitor S/N	9*	Monitor S/N		Monitor S/N	11*
Location	Area A	Location	Area A	Location		Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0820	Conc (mg/m ³): 0.016 TWA (mg/m ³): 0.038	Start Time 0821	Conc (mg/m ³): 0.027 TWA (mg/m ³): 0.035	Start Time	Conc (mg/m ³): TWA (mg/m ³):	Start Time 0830	Fibers (F/cc): 0.00
Time: 1308	Conc (mg/m ³): 0.012 TWA (mg/m ³): 0.023	Time: 1308	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.026	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1300	Fibers (F/cc): 0.00
Time: 1432	Conc.(mg/m ³): 0.011 TWA (mg/m ³): 0.021	Time: 1432	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.019	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1330	Fibers (F/cc): 0.65
End Time 1612	Conc (mg/m ³): 0.024 TWA (mg/m ³): 0.013	End Time 1610	Conc (mg/m ³): 0.026 TWA (mg/m ³): 0.019	End Time	Conc (mg/m ³): TWA (mg/m ³):	End Time 1619	Fibers (F/cc): 0.00
Total Run Time Min=	792	Total Run Time Min=	789	Total Run Time Min=		Total Run Time Min=	789
Monitor Fault	N	Monitor Fault	N	Monitor Fault		Monitor Fault	Variable***
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.013	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.019	Daily TWA: (µg/m ³):			

MET Station on Site?: Yes

START-3 Signature/Date:  11-09-13

Comments:

Local Weather: Temp. 36-63°F, winds from the SW and Variable at 3-5mph, Sunny/Clear.

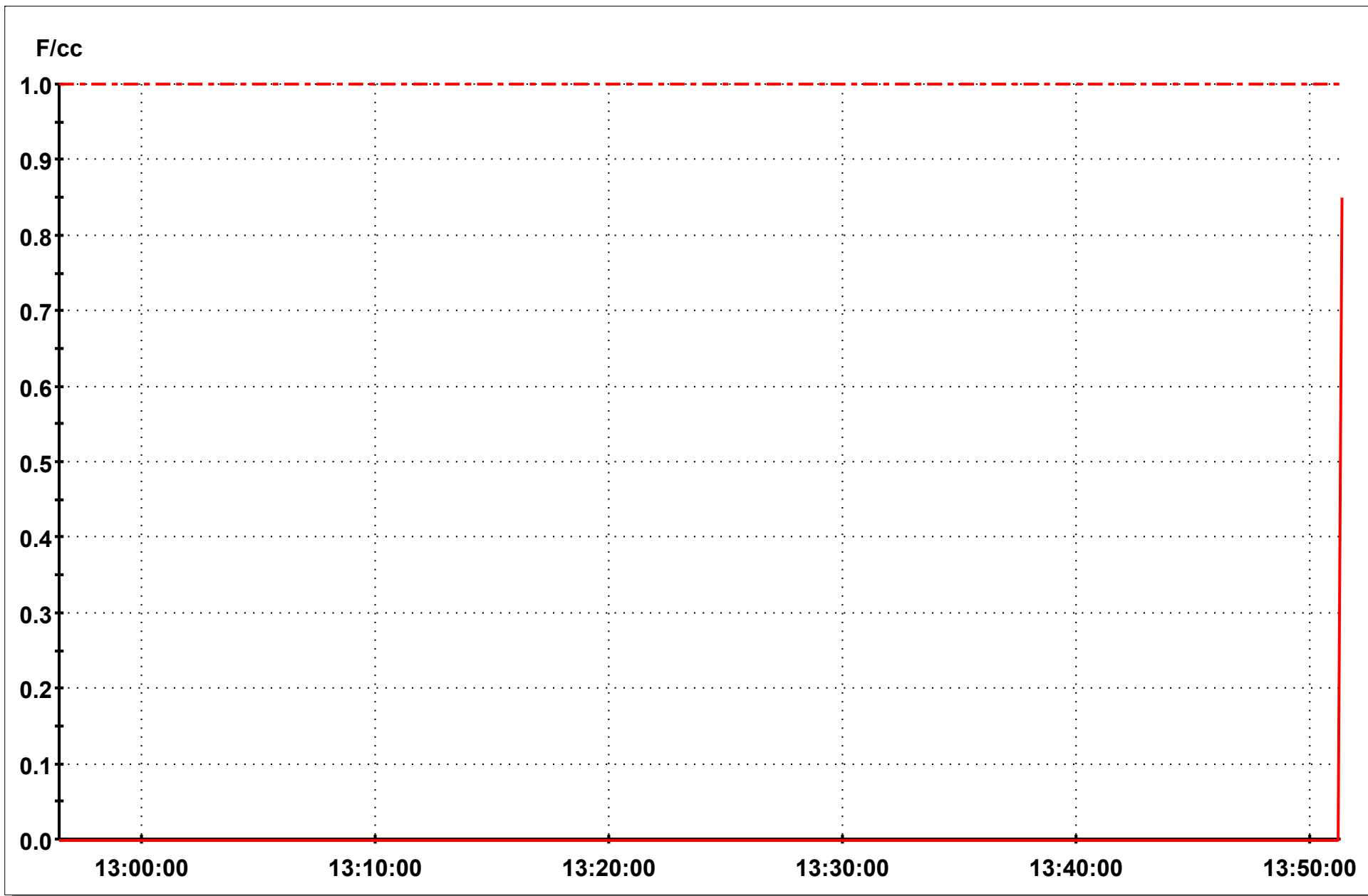
* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS on file.

*** - FAM1 would "trip" periodically. Solved by running the reading time from 10mins to 100mins per cycle.

 - Not collected.

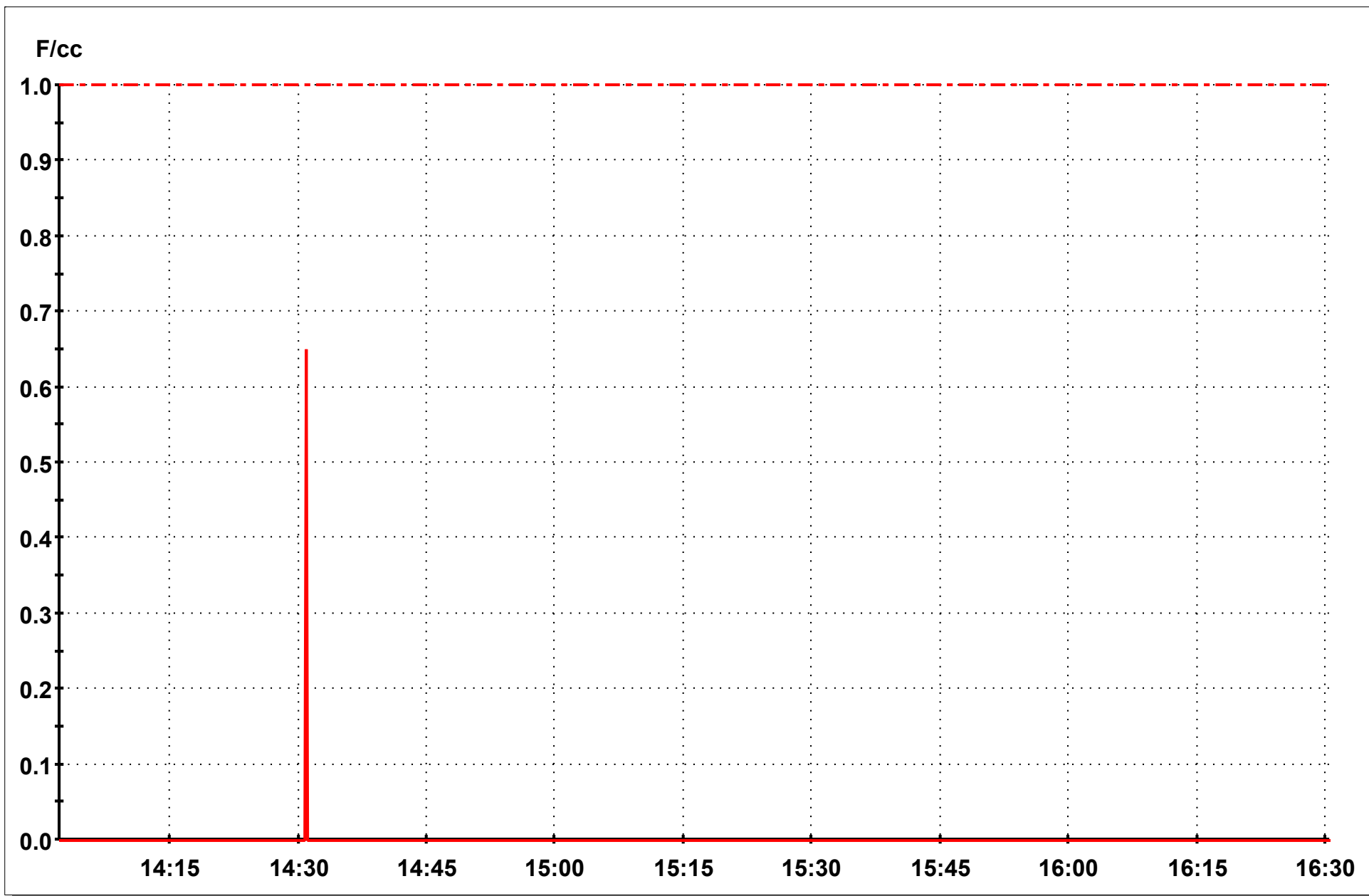
FAM-1



— Voltage - - - High Alarm

From:- 09 November 2013 12:56:28 To:- 09 November 2013 13:51:18

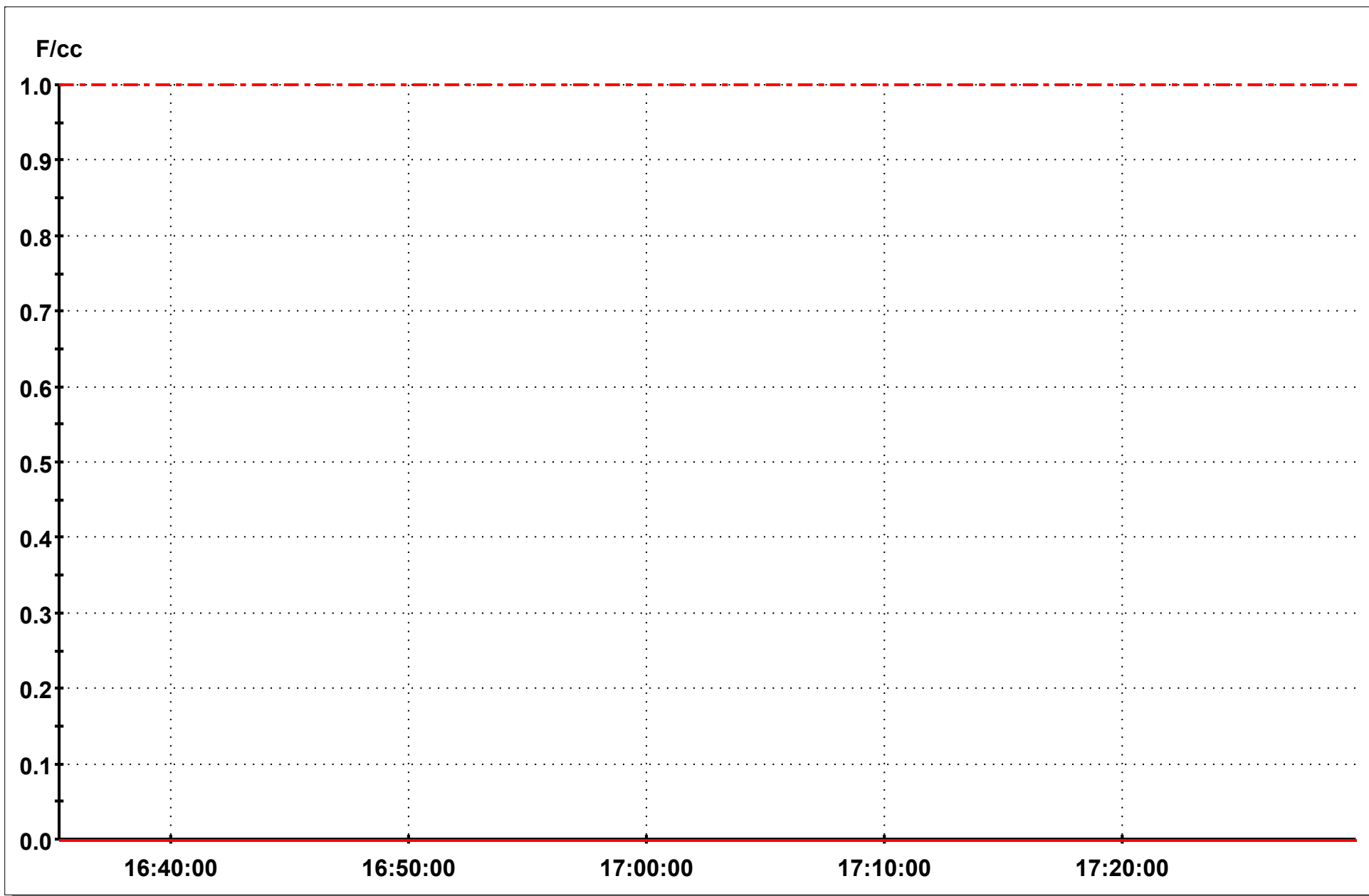
FAM-1



— Voltage - - - High Alarm

From:- 09 November 2013 14:02:08 To:- 09 November 2013 16:30:28

FAM-1



— Voltage - - - High Alarm

From:- 09 November 2013 16:35:20 To:- 09 November 2013 17:29:50

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/12/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 2**	Personal Data RAM	Station # **	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	7*	Monitor S/N	9*	Monitor S/N		Monitor S/N	11*
Location	Area A	Location	Area A	Location		Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0745	Conc (mg/m ³): 0.062 TWA (mg/m ³): 0.119	Start Time 0742	Conc (mg/m ³): 0.046 TWA (mg/m ³): 0.078	Start Time	Conc (mg/m ³): TWA (mg/m ³):	Start Time 0830	Fibers (F/cc): 0.000
Time: 1049	Conc (mg/m ³): 0.306 TWA (mg/m ³): 0.074	Time: 1049	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.074	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1052	Fibers (F/cc): 0.000
Time: 1321	Conc.(mg/m ³): 0.021 TWA (mg/m ³): 0.060	Time: 1322	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.031	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1317	Fibers (F/cc): 0.000
End Time 1702	Conc (mg/m ³): 0.027 TWA (mg/m ³): 0.0056	End Time <i>(unit was off at last check)</i>	Conc (mg/m ³): TWA (mg/m ³):	End Time	Conc (mg/m ³): TWA (mg/m ³):	End Time 1710	Fibers (F/cc): 0.05
Total Run Time Min=	575	Total Run Time Min=	340	Total Run Time Min=		Total Run Time Min=	520
Monitor Fault	N	Monitor Fault	Y <i>(unit was off at last check)</i>	Monitor Fault		Monitor Fault	Variable***
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.013	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.019	Daily TWA: (µg/m ³):			

MET Station on Site?: Yes

START-3 Signature/Date:  11-12-13

Comments:

Local Weather: Low: 42°F; High: 58°F; Winds variable, but primarily W and NW at 12 to 13 mph, with gusts up to 18. Mostly clear skies.

TWA – Time weighted Average

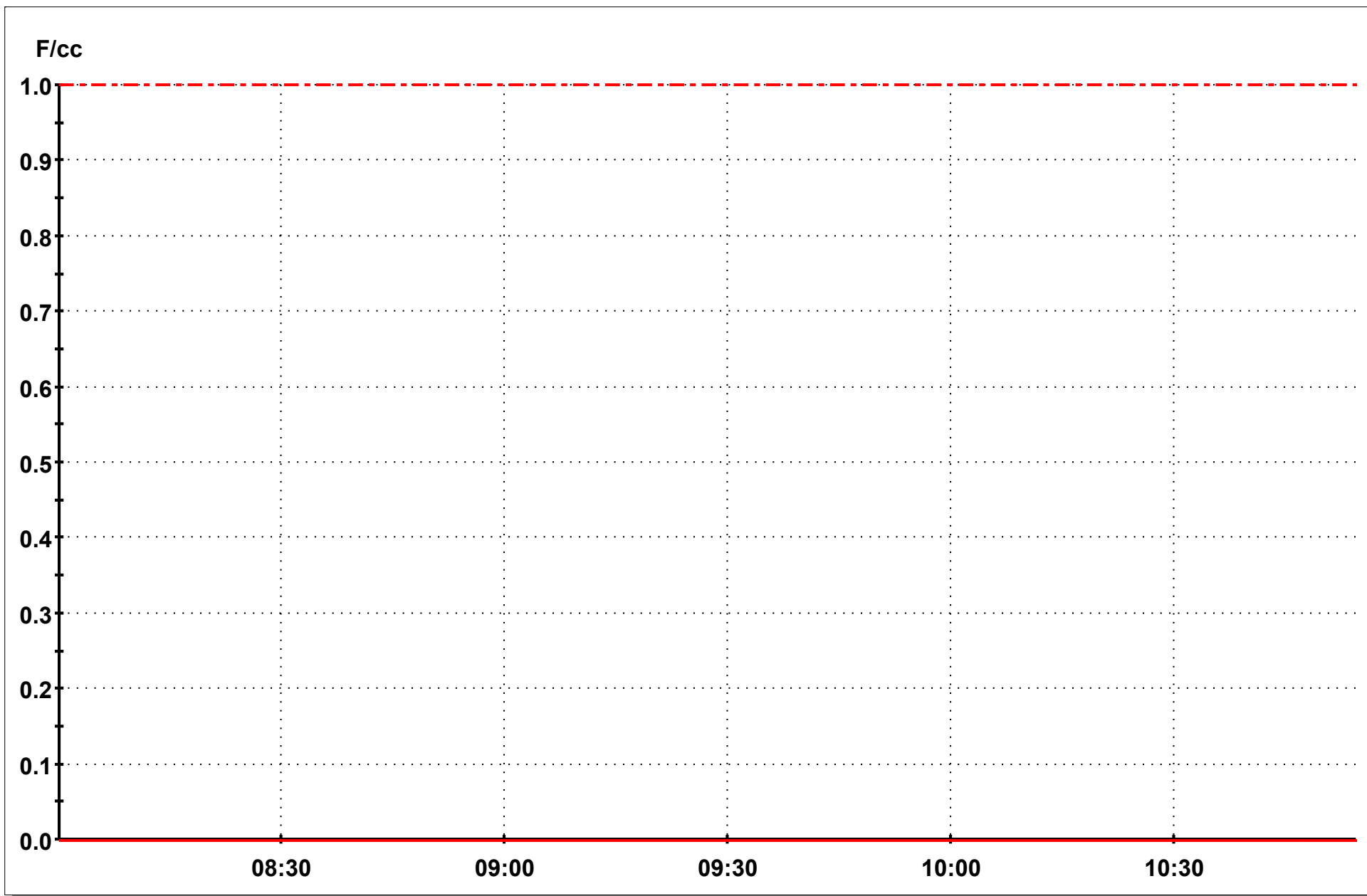
* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS on file.

*** - FAM1 would “trip” periodically. Solved by running the reading time from 10mins to 100mins per cycle.

 - Not collected.

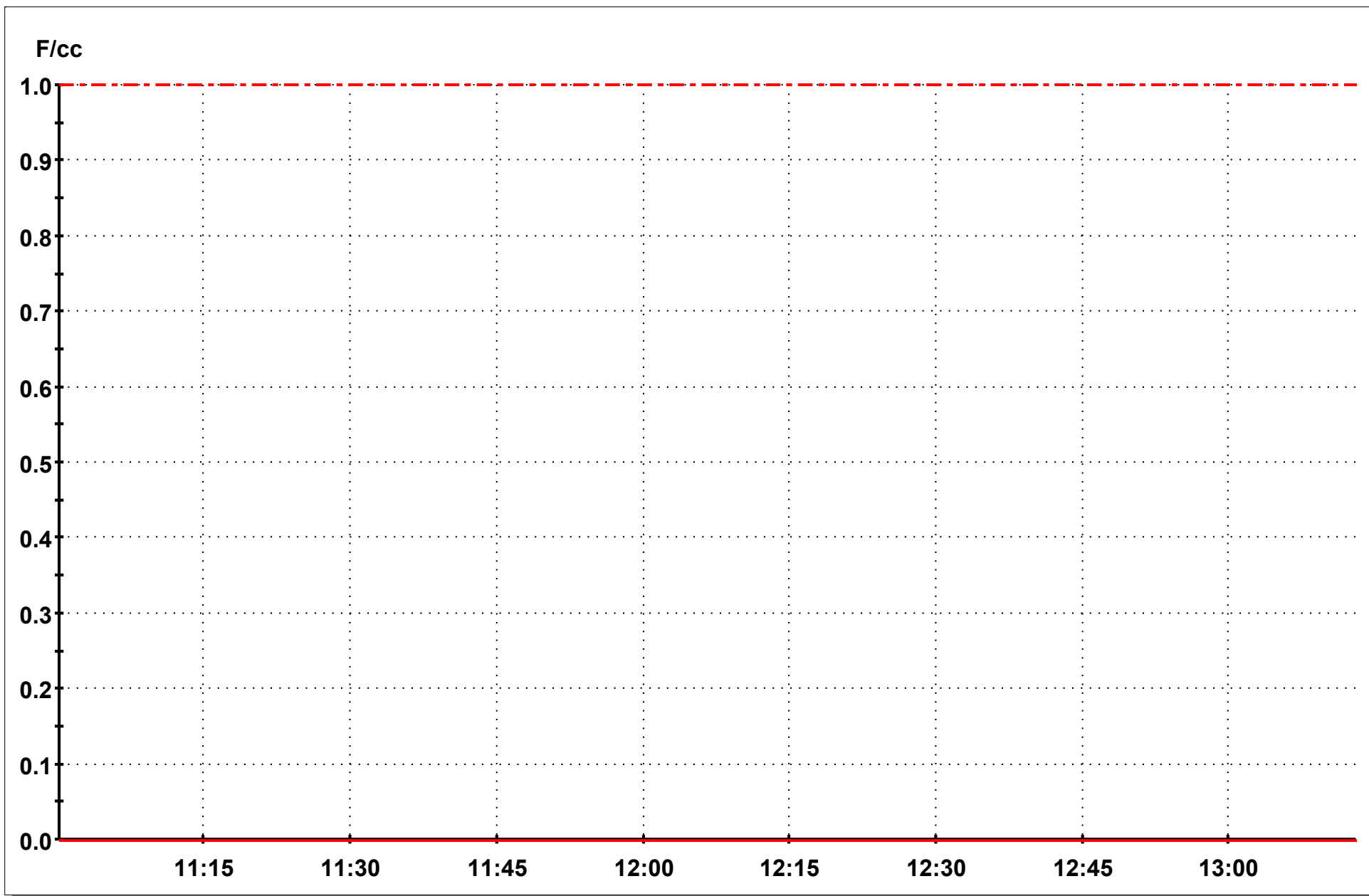
FAM-1



— Voltage - - - High Alarm

From:- 12 November 2013 08:00:15 To:- 12 November 2013 10:54:25

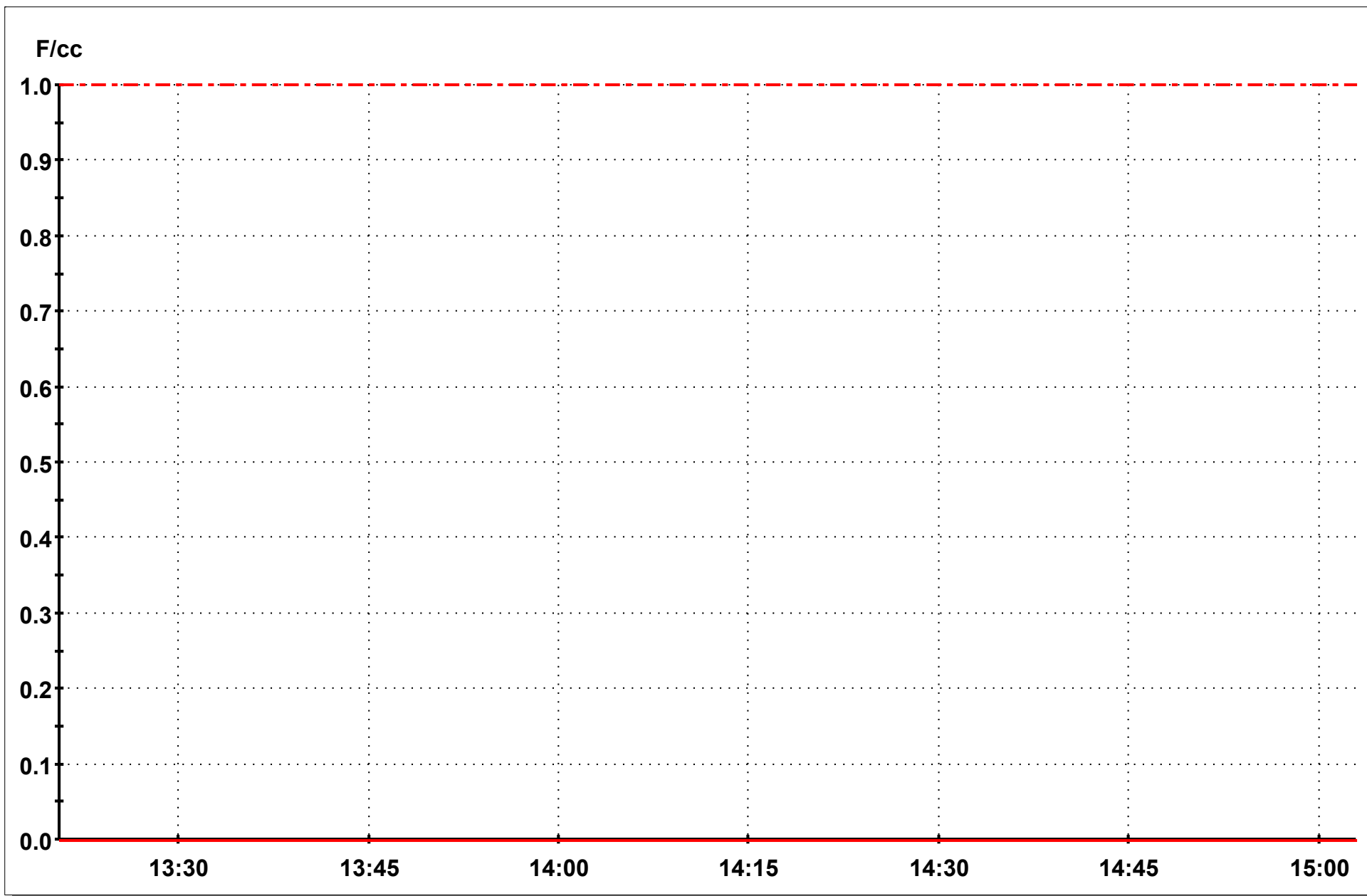
FAM-1



— Voltage - - - High Alarm

From:- 12 November 2013 11:00:12 To:- 12 November 2013 13:13:02

FAM-1



— Voltage - - - High Alarm

From:- 12 November 2013 13:20:36 To:- 12 November 2013 15:02:56

FAM-1



— Voltage - - - High Alarm

From:- 12 November 2013 15:07:42 To:- 12 November 2013 17:48:02

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/13/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 2**	Personal Data RAM	Station # **	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	7*	Monitor S/N	9*	Monitor S/N		Monitor S/N	11*
Location	Area A	Location	Area A	Location		Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0741	Conc (mg/m ³): 1.004 TWA (mg/m ³): 0.002	Start Time 0733	Conc (mg/m ³): 0.041 TWA (mg/m ³): 0.008	Start Time	Conc (mg/m ³): TWA (mg/m ³):	Start Time 0830	Fibers (F/cc): 0.000
Time: 1057	Conc.(mg/m ³): 0.027 TWA (mg/m ³): 0.091	Time: 1057	Conc.(mg/m ³): 0.027 TWA (mg/m ³): 0.091	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1052	Fibers (F/cc): 0.000
Time: 1416	Conc.(mg/m ³): 0.041 TWA (mg/m ³): 0.045	Time: 1420	Conc.(mg/m ³): 0.091 TWA (mg/m ³): 0.021	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1505	Fibers (F/cc): 0.000
End Time 1614	Conc (mg/m ³): 0.081 TWA (mg/m ³): 0.051	End Time 1609	Conc (mg/m ³): 0.136 TWA (mg/m ³): 0.105	End Time	Conc (mg/m ³): TWA (mg/m ³):	End Time 1625	Fibers (F/cc): 0.00
Total Run Time Min=	513	Total Run Time Min=	516	Total Run Time Min=		Total Run Time Min=	475
Monitor Fault	N	Monitor Fault	N	Monitor Fault		Monitor Fault	N
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.051	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.105	Daily TWA: (µg/m ³):			

MET Station on Site?: Yes

START-3 Signature/Date:  11-13-13

Comments:

Local Weather: Low: 34°F; High: 58°F; Winds from NE 5 to 6 mph. Sunny, Clear in the morning, cloudy in the afternoon.

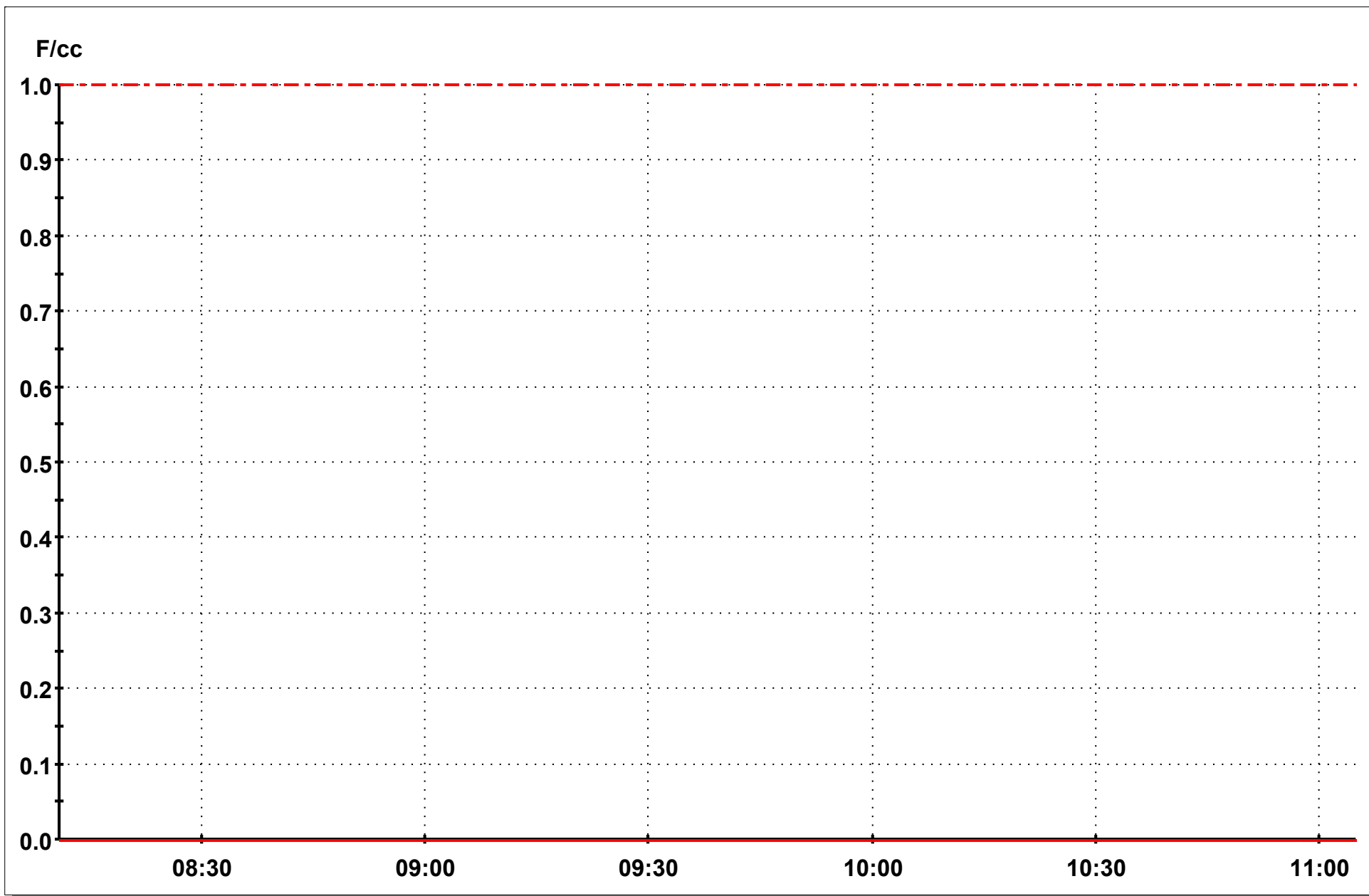
TWA – Time weighted Average

* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS on file.

 - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 13 November 2013 08:10:54 To:- 13 November 2013 11:04:54

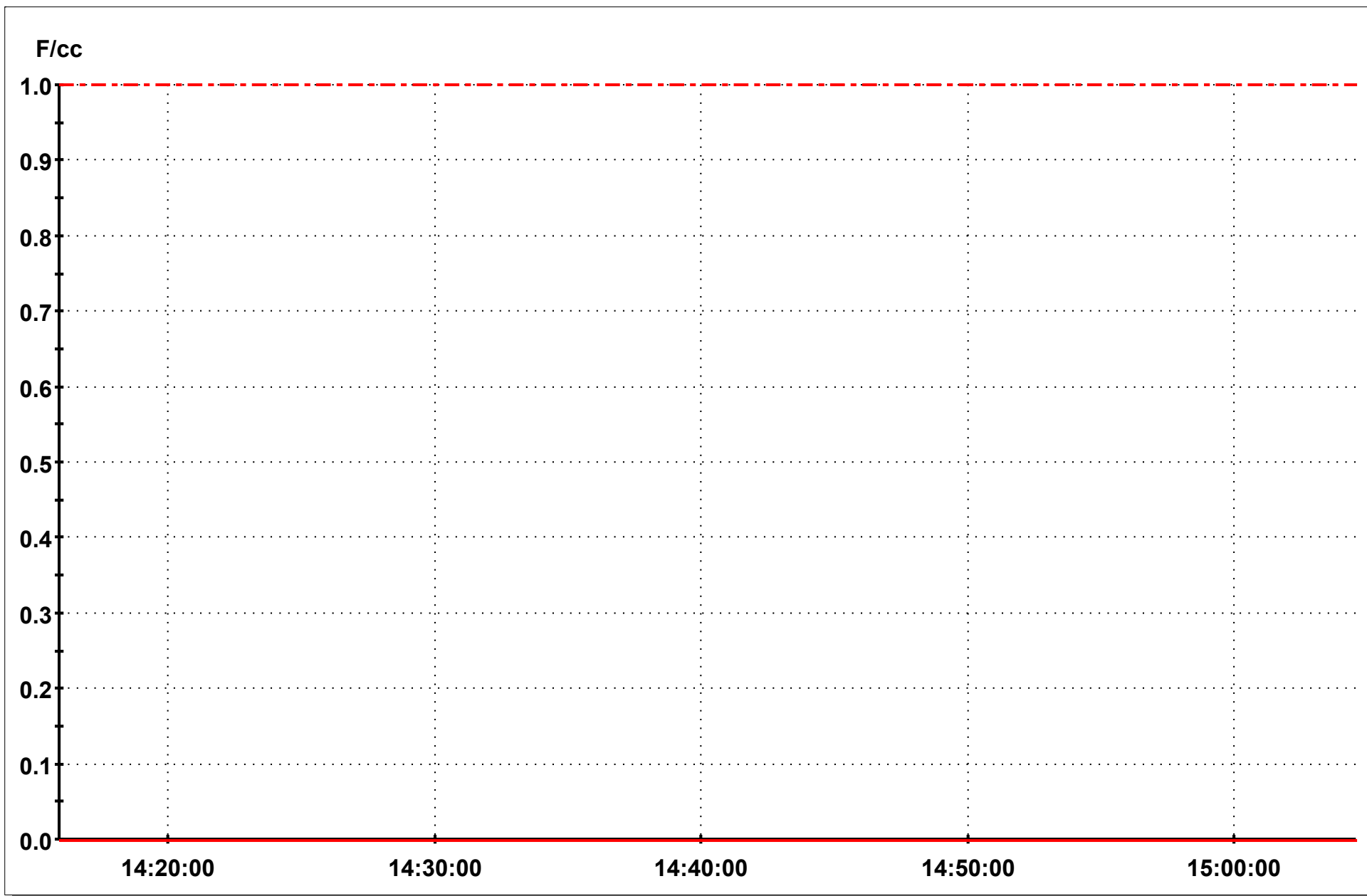
FAM-1



— Voltage - - - High Alarm

From:- 13 November 2013 11:10:26 To:- 13 November 2013 14:10:26

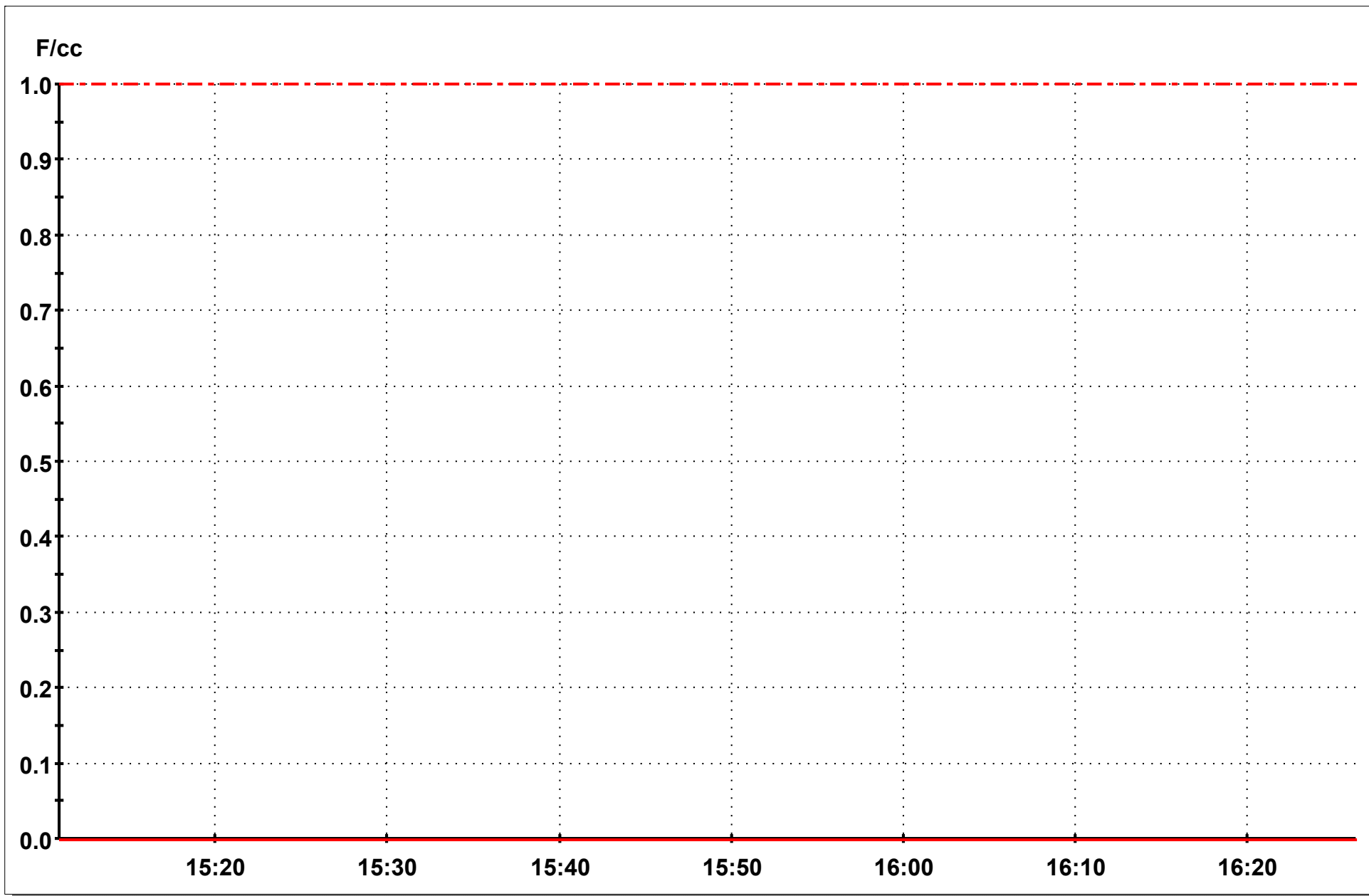
FAM-1



— Voltage - - - High Alarm

From:- 13 November 2013 14:15:54 To:- 13 November 2013 15:04:34

FAM-1



— Voltage - - - High Alarm

From:- 13 November 2013 15:10:57 To:- 13 November 2013 16:26:17

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/14/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 5**	Personal Data RAM	Station # 2**	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	7*	Monitor S/N	8*	Monitor S/N	9*	Monitor S/N	11*
Location	Area A	Location	Area A	Location	Area A	Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 1215	Conc (mg/m ³): 0.008 TWA (mg/m ³): 0.002	Start Time 1208	Conc (mg/m ³): 0.006 TWA (mg/m ³): 0.002	Start Time 1213	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 1220	Fibers (F/cc): 0.000
Time: 1430	Conc.(mg/m ³): 0.011 TWA (mg/m ³): 0.014	Time: 1445	Conc (mg/m ³): 0.007 TWA (mg/m ³): 0.013	Time: 1431	Conc.(mg/m ³): 0.034 TWA (mg/m ³): 0.020	Time: 1320	Fibers (F/cc): 0.000
Time: 1532	Conc.(mg/m ³): 0.045 TWA (mg/m ³): 0.013	Time: 1540	Conc (mg/m ³): 0.091 TWA (mg/m ³): 0.027	Time: 1534	Conc.(mg/m ³): 0.061 TWA (mg/m ³): 0.031	Time: 1520	Fibers (F/cc): 0.000
End Time 1603	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.071	End Time 1605	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.049	End Time 1600	Conc (mg/m ³): 0.018 TWA (mg/m ³): 0.033	End Time 1620	Fibers (F/cc): 0.000
Total Run Time Min=	232	Total Run Time Min=	232	Total Run Time Min=	232	Total Run Time Min=	225
Monitor Fault	N	Monitor Fault	N	Monitor Fault	N	Monitor Fault	N
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.071	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.049	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.033		

MET Station on Site?: Yes

START-3 Signature/Date:  11-14-13


Comments:

Local Weather: Low: 40°F; High: 62°F; Winds from N 5 to 6 mph. Rain early morning to Clear in the day afternoon.

TWA – Time weighted Average

* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS on file.

 - Not collected.

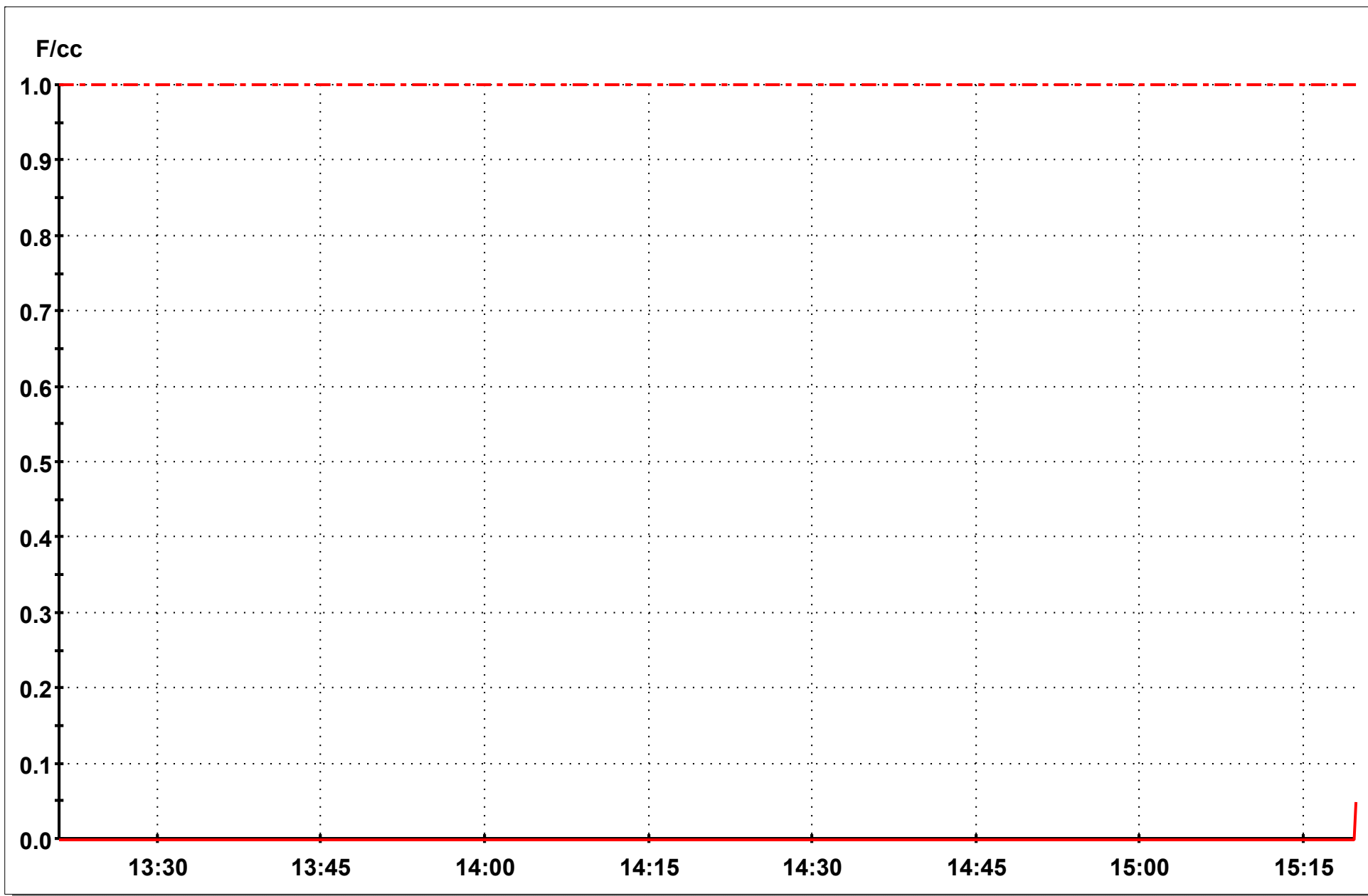
FAM-1



— Voltage - - - High Alarm

From:- 14 November 2013 12:21:37 To:- 14 November 2013 13:16:47

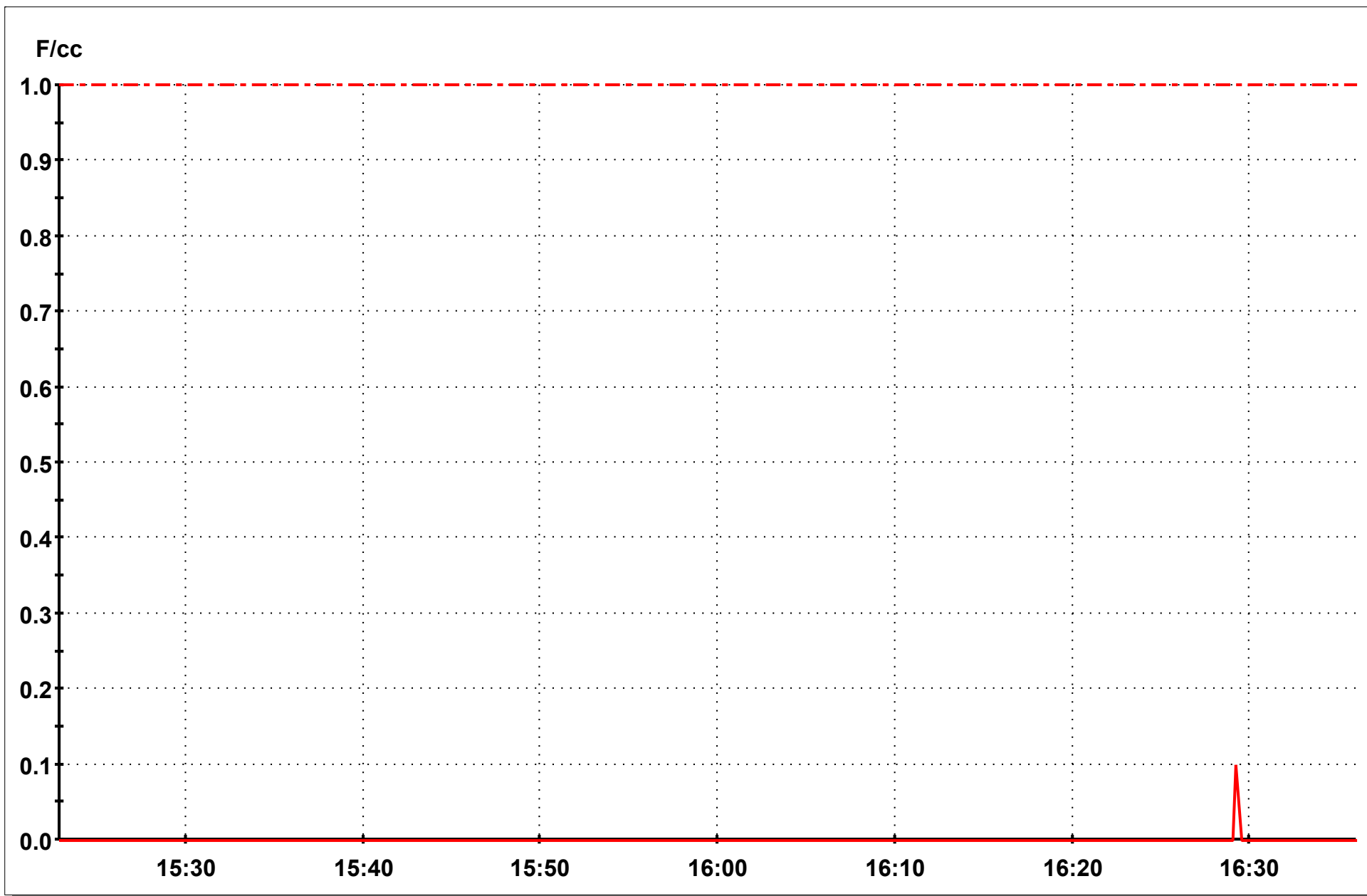
FAM-1



— Voltage - - - High Alarm

From:- 14 November 2013 13:21:02 To:- 14 November 2013 15:19:42

FAM-1



— Voltage - - - High Alarm

From:- 14 November 2013 15:22:52 To:- 14 November 2013 16:36:02

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/15/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 2**	Personal Data RAM	Station # 5**	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	7*	Monitor S/N	8*	Monitor S/N	9*	Monitor S/N	11*
Location	Area A	Location	Area A	Location	Area A	Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0737	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.003	Start Time 0744	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.003	Start Time 0740	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0750	Fibers (F/cc): 0.000
Time: 1035	Conc.(mg/m ³): 0.010 TWA (mg/m ³): 0.040	Time: 1041	Conc (mg/m ³): 0.05 TWA (mg/m ³): 0.011	Time: 1033	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.003	Time: 1045	Fibers (F/cc): 0.000
Time: 1303	Conc.(mg/m ³): 0.025 TWA (mg/m ³): 0.044	Time: 1315	Conc (mg/m ³): 0.011 TWA (mg/m ³): 0.008	Time: 1300	Conc (mg/m ³): 0.08 TWA (mg/m ³): 0.011	Time:	Fibers (F/cc):
End Time 1456	Conc (mg/m ³): 0.012 TWA (mg/m ³): 0.042	End Time 1500	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.056	End Time 1453	Conc (mg/m ³): 0.026 TWA (mg/m ³): 0.053	End Time 1425	Fibers (F/cc): 0.000
Total Run Time Min=	439	Total Run Time Min=	436	Total Run Time Min=	433	Total Run Time Min=	395
Monitor Fault	N	Monitor Fault	N	Monitor Fault	N	Monitor Fault	N
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.042	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.056	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.053		

MET Station on Site?: Yes

START-3 Signature/Date:  11-15-13


Comments:

Local Weather: Low: 36°F; High: 62°F; Winds from S at 16 mph. Gusts up to 24mph. Sunny/cloudy in the morning, cloudy with some light rain in the afternoon.

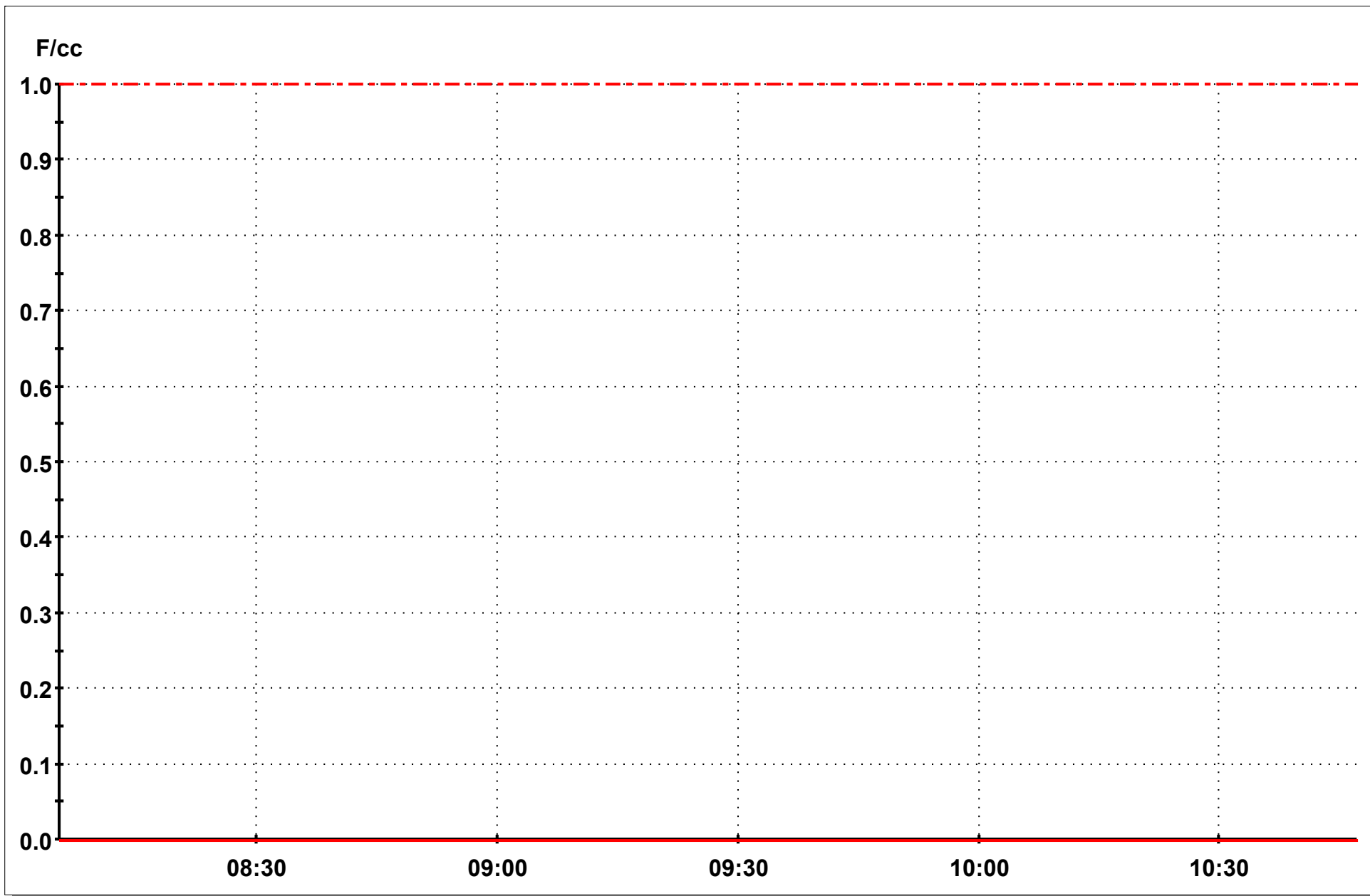
TWA – Time weighted Average

* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS on file.

 - Not collected.

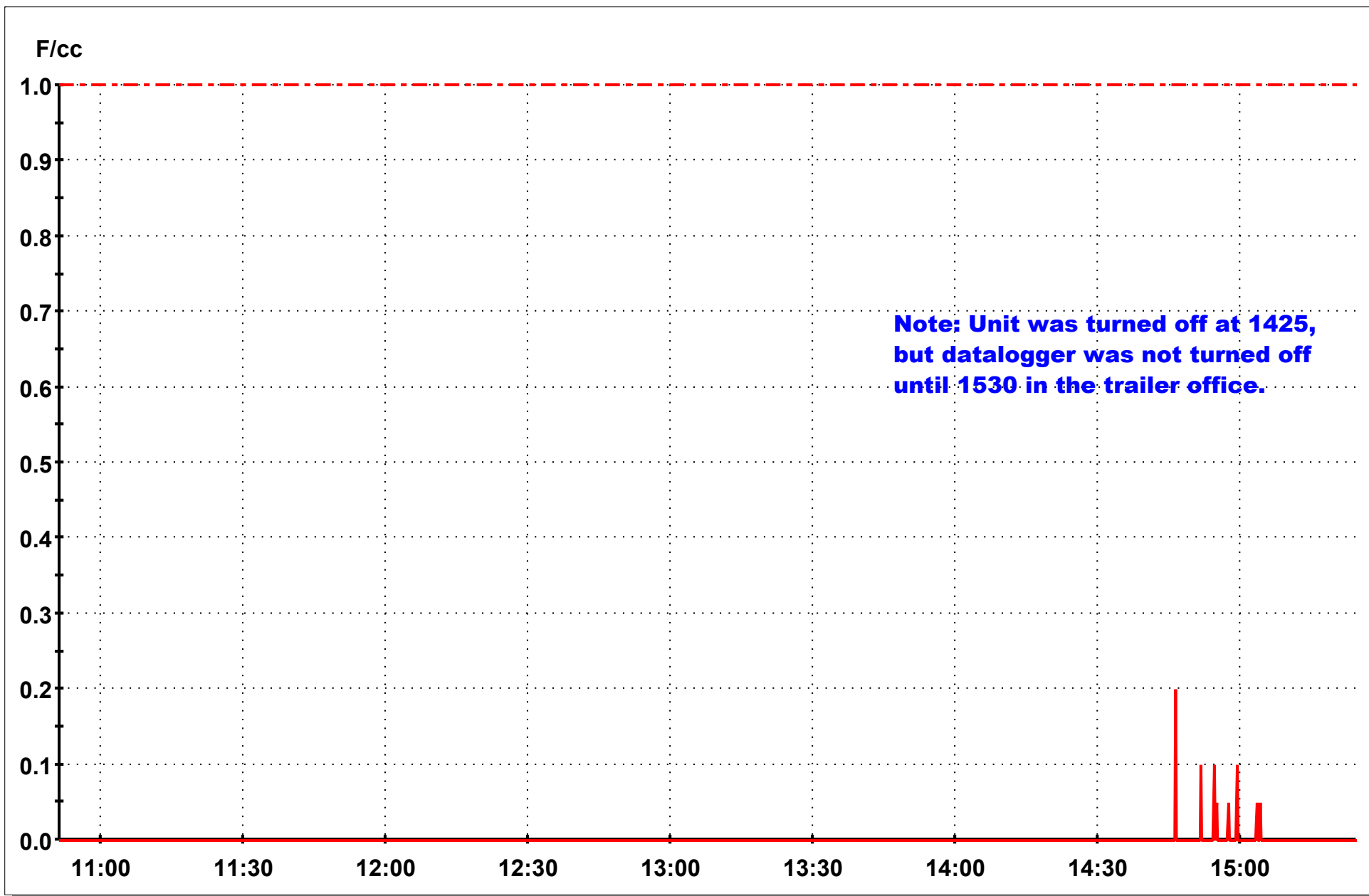
FAM-1



— Voltage - - - High Alarm

From:- 15 November 2013 08:05:28 To:- 15 November 2013 10:47:08

FAM-1



— Voltage - - - High Alarm

From:- 15 November 2013 10:51:16 To:- 15 November 2013 15:24:26


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/16/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 6**	Personal Data RAM	Station # 7**	Personal Data RAM	Station # 8**	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	9*	Monitor S/N	7*	Monitor S/N	8*	Monitor S/N	11*
Location	Area 0	Location	Area 0	Location	Area 0	Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0835	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0840	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.000	Start Time 0852	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.000	Start Time 0730	Fibers (F/cc): 0.000
Time: 1150	Conc.(mg/m ³): 0.000 TWA (mg/m ³): 0.002	Time: 1151	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.003	Time: 1155	Conc (mg/m ³): 0.010 TWA (m /m ³): 0.008	Time: 1210	Fibers (F/cc): 0.000
Time: N/A	Conc.(mg/m ³): TWA (mg/m ³):	Time: N/A	Conc (mg/m ³): TWA (mg/m ³):	Time: N/A	Conc (mg/m ³): TWA (mg/m ³):	Time: N/A	Fibers (F/cc):
End Time 1348	Conc (mg/m ³): 0.010 TWA (mg/m ³): 0.002	End Time 1344	Conc (mg/m ³): 0.013 TWA (mg/m ³): 0.010	End Time 1337	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.005	End Time 1545	Fibers (F/cc): 0.000
Total Run Time Min=	313	Total Run Time Min=	304	Total Run Time Min=	285	Total Run Time Min=	494
Monitor Fault	N	Monitor Fault	N	Monitor Fault	N	Monitor Fault	N
Daily TWA: (µg/m ³):	TWA (mg/m ³):	Daily TWA: (µg/m ³):	TWA (mg/m ³):	Daily TWA: (µg/m ³):	TWA (mg/m ³):		

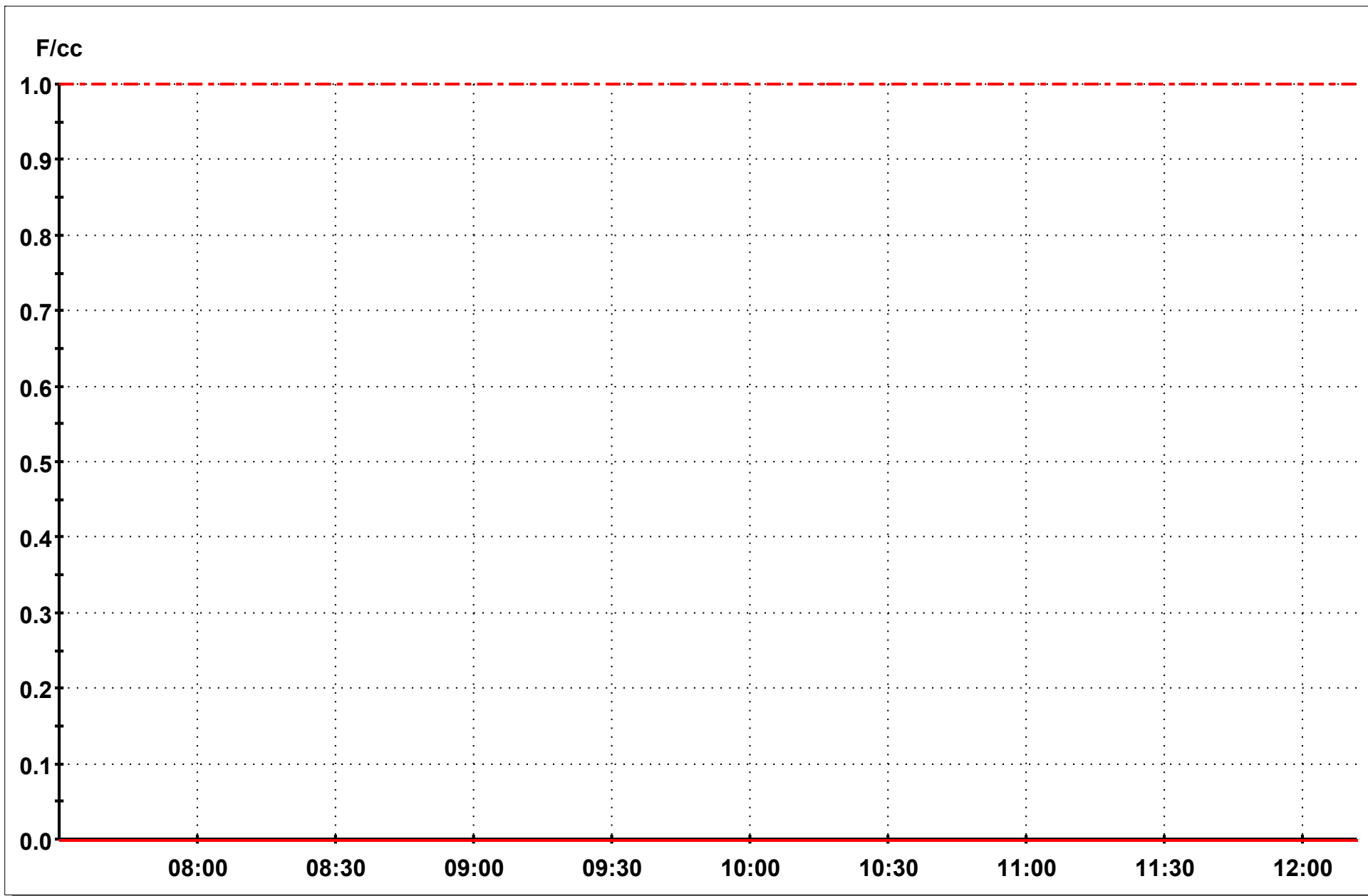
MET Station on Site?: Yes

START-3 Signature/Date:  11-16-13

Comments:
 Local Weather: Low: 42°F; High: 62°F; Winds variable, but primarily from the S, SW ad W at 7-9 mph with gusts up to 15 mph.
 Skies were mostly clear to cloudy with intermittent light rain.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.

- Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 16 November 2013 07:30:08 To:- 16 November 2013 12:11:48

FAM-1



— Voltage - - - High Alarm

From:- 16 November 2013 12:15:52 To:- 16 November 2013 15:44:02


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/17/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

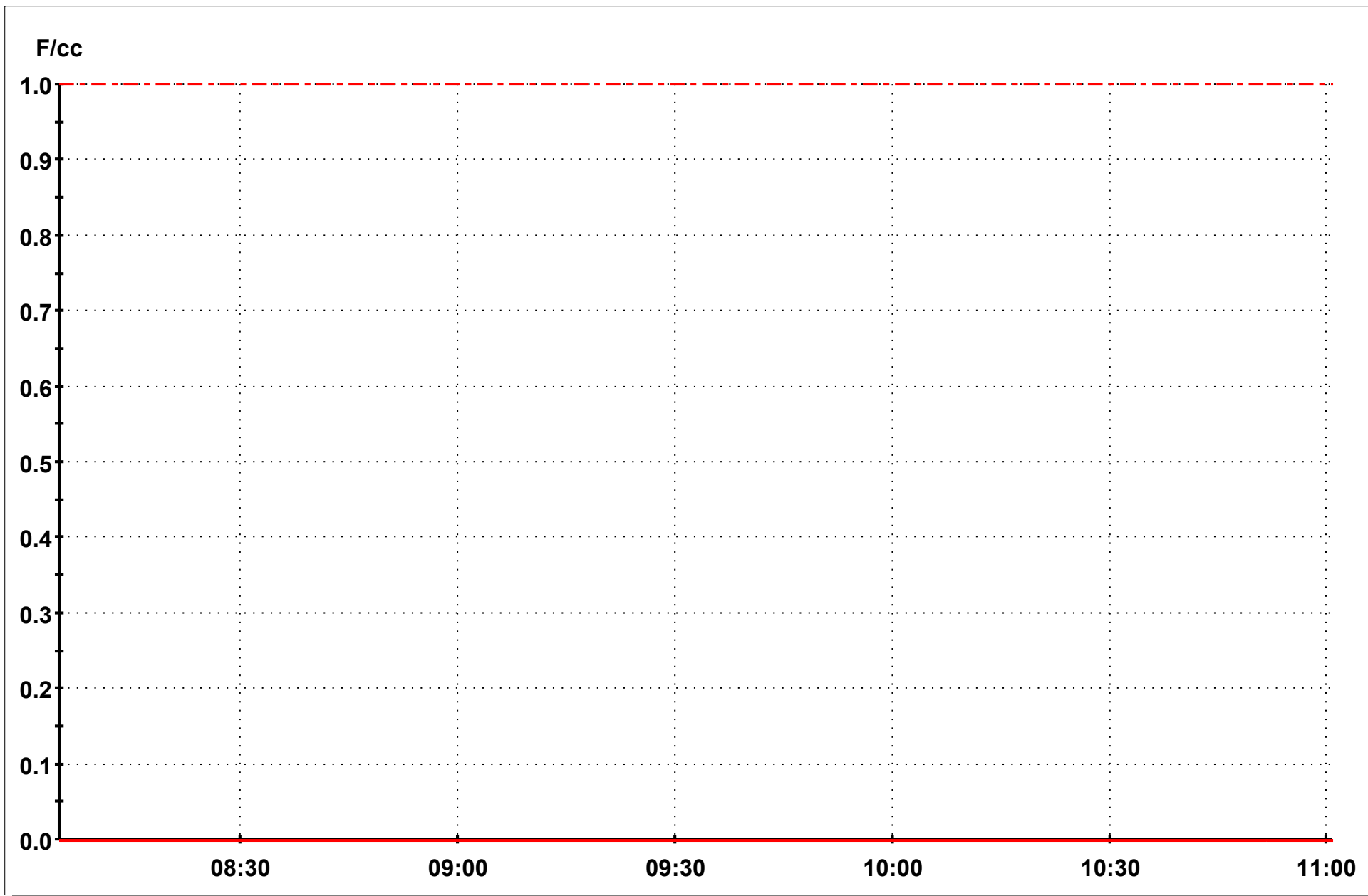
Station # **	Personal Data RAM	Station # 7**	Personal Data RAM	Station # 8**	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)		Monitor S/N	7*	Monitor S/N	8*	Monitor S/N	11*
Location		Location	Area A	Location	Area O	Location	15 Haines Ave.
Lat/Long		Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0835		Start Time 0745	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.000	Start Time 0750	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0810	Fibers (F/cc): 0.000
Time: 1150		Time: 1102	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.001	Time: 1100	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.002	Time: 1105	Fibers (F/cc): 0.000
Time: N/A		Time: N/A	Conc (mg/m ³): TWA (mg/m ³):	Time: N/A	Conc (mg/m ³): TWA (mg/m ³):	Time: N/A	Fibers (F/cc):
End Time 1348		End Time 1530	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.010	End Time 1533	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time 1540	Fibers (F/cc): 0.000
Total Run Time Min=		Total Run Time Min=	464	Total Run Time Min=	462	Total Run Time Min=	449
Monitor Fault		Monitor Fault	N	Monitor Fault	N	Monitor Fault	N
Daily TWA: (µg/m ³):		Daily TWA: (µg/m ³):	TWA (mg/m ³):	Daily TWA: (µg/m ³):	TWA (mg/m ³):		

MET Station on Site?: Yes

START-3 Signature/Date:  11-17-13

Comments:
 Local Weather: Low: 39°F; High: 60°F; Winds light and variable with gusts up to 5 - 6 mph. Clear skies..
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

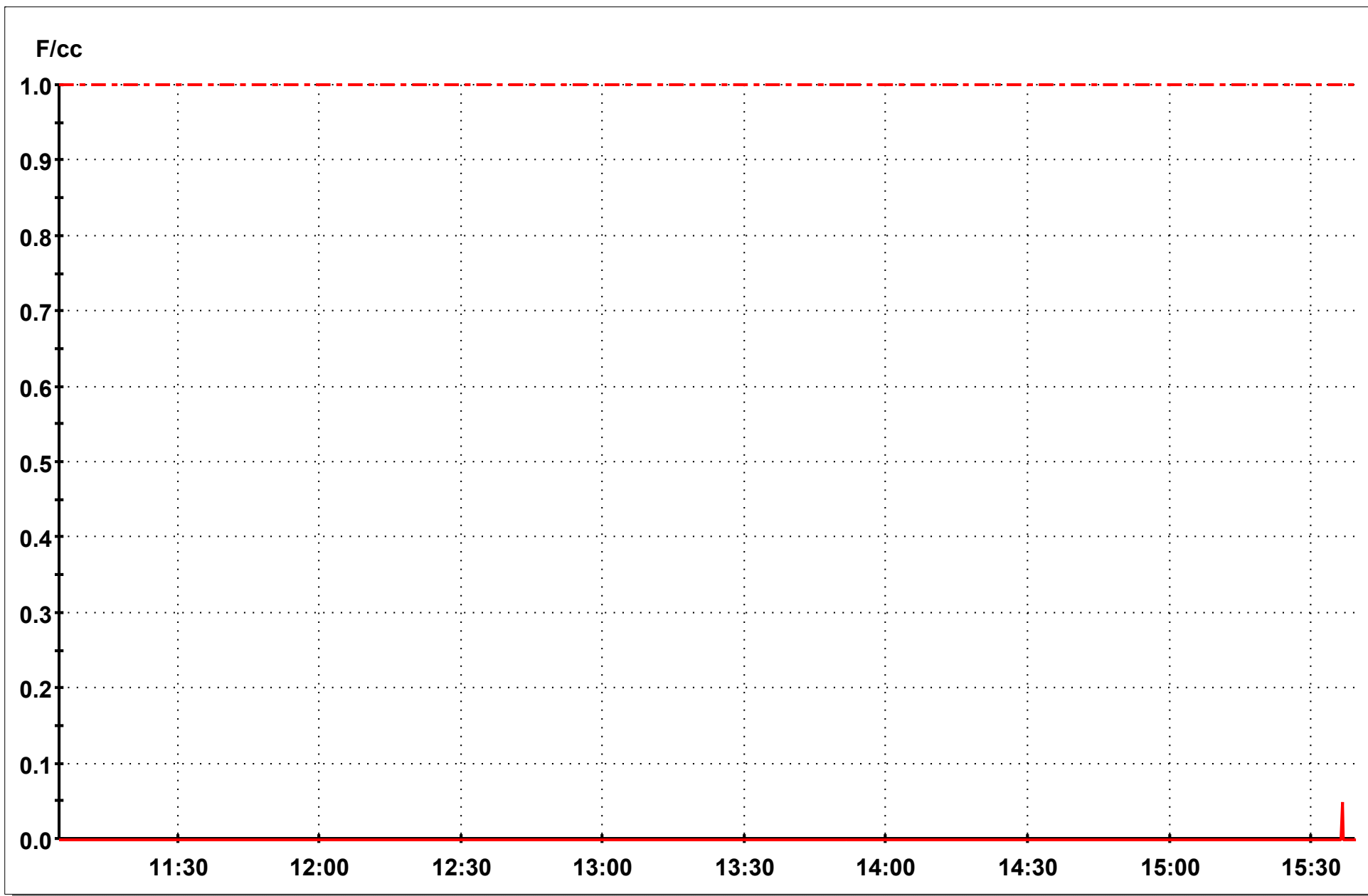
FAM-1



— Voltage - - - High Alarm

From:- 17 November 2013 08:05:03 To:- 17 November 2013 11:00:43

FAM-1



— Voltage - - - High Alarm


From:- 17 November 2013 11:04:56 To:- 17 November 2013 15:39:16

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/18/13

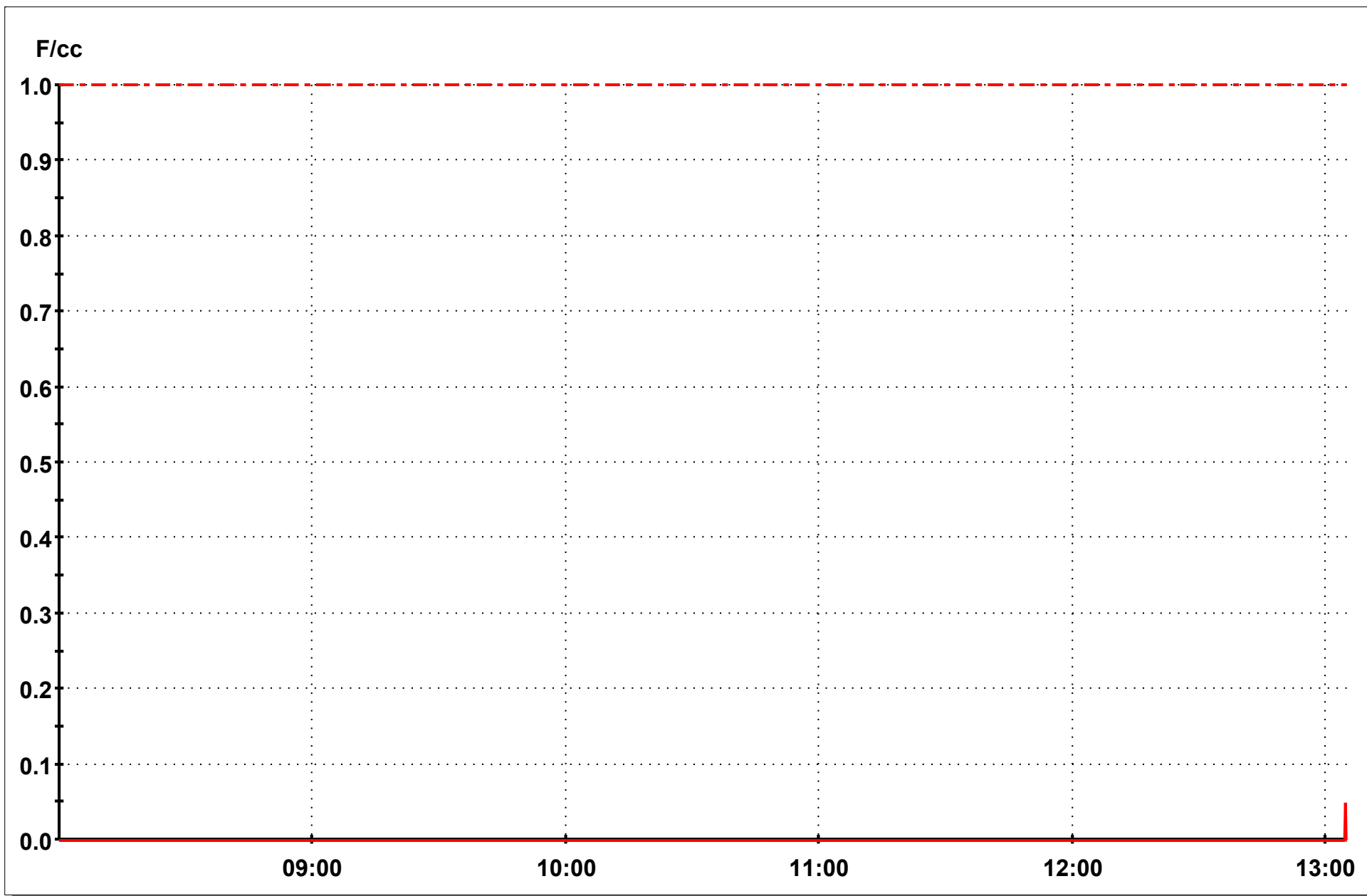
TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # **	Personal Data RAM	Station # 1**	Personal Data RAM	Station # 6**	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)		Monitor S/N	7*	Monitor S/N	8*	Monitor S/N	11*
Location		Location	Area A	Location	Area E	Location	15 Haines Ave.
Lat/Long		Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0835		Start Time 0746	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.000	Start Time 0750	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0729	Fibers (F/cc): 0.000
Time: 1150		Time: 1135	Conc (mg/m ³): 0.010 TWA (mg/m ³): 0.000	Time: 1142	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.000	Time: 1305	Fibers (F/cc): 0.000
Time: N/A		Time: N/A	Conc (mg/m ³): TWA (mg/m ³):	Time: N/A	Conc (mg/m ³): TWA (mg/m ³):	Time: 1525	Fibers (F/cc):
End Time 1348		End Time 1609	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time 1607	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time 1600	Fibers (F/cc): 0.000
Total Run Time Min=		Total Run Time Min=	503	Total Run Time Min=	497	Total Run Time Min=	511
Monitor Fault		Monitor Fault	N	Monitor Fault	N	Monitor Fault	N
Daily TWA: (µg/m ³):		Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.000	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.000		

MET Station on Site?: Yes START-3 Signature/Date:  11-18-13

Comments:
 Local Weather: Low: 34°F; High: 60°F; Winds light from the south/southwest at 5 to 6 mph. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

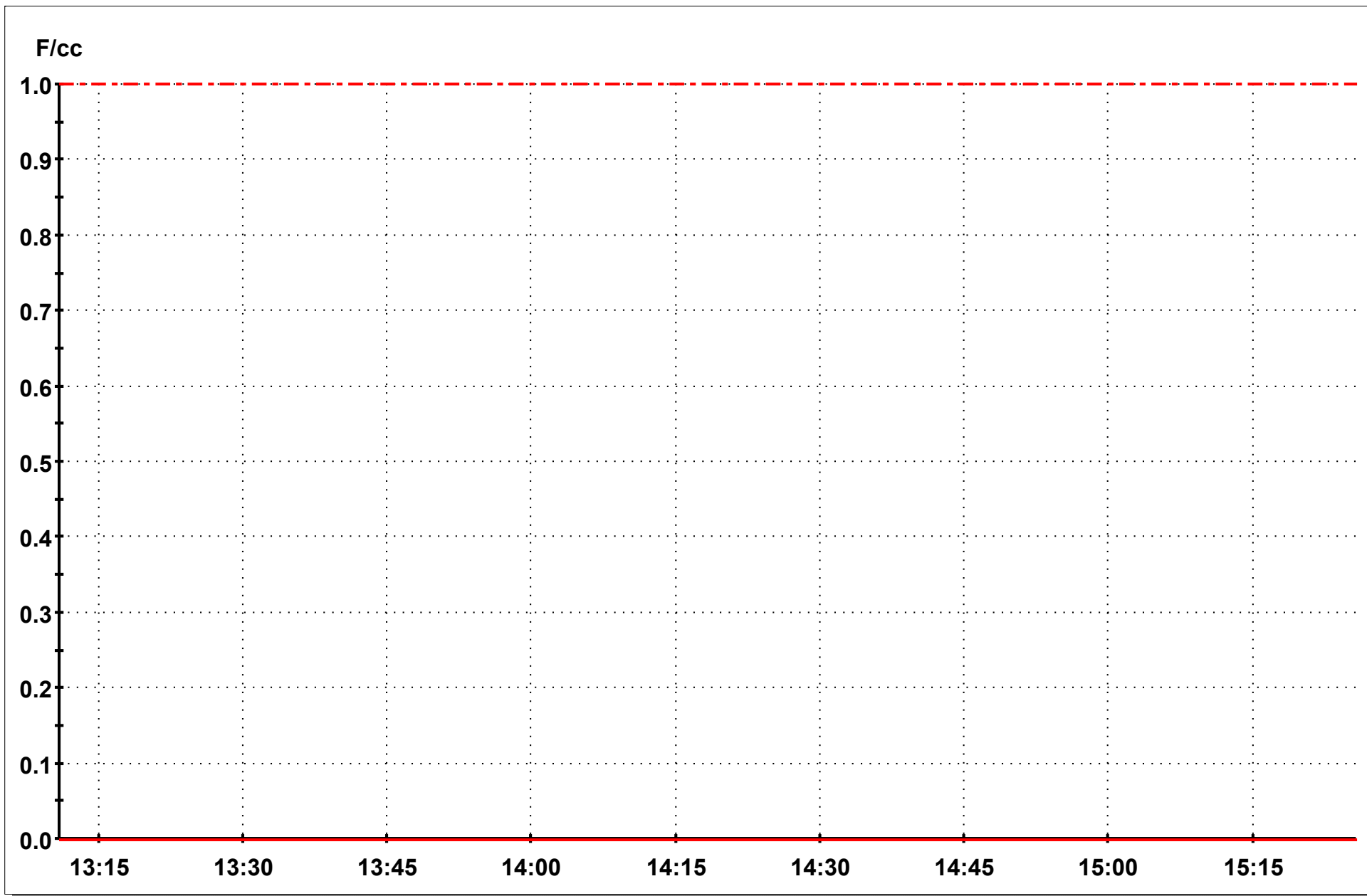
FAM-1



— Voltage - - - High Alarm

From:- 18 November 2013 08:00:05 To:- 18 November 2013 13:04:45

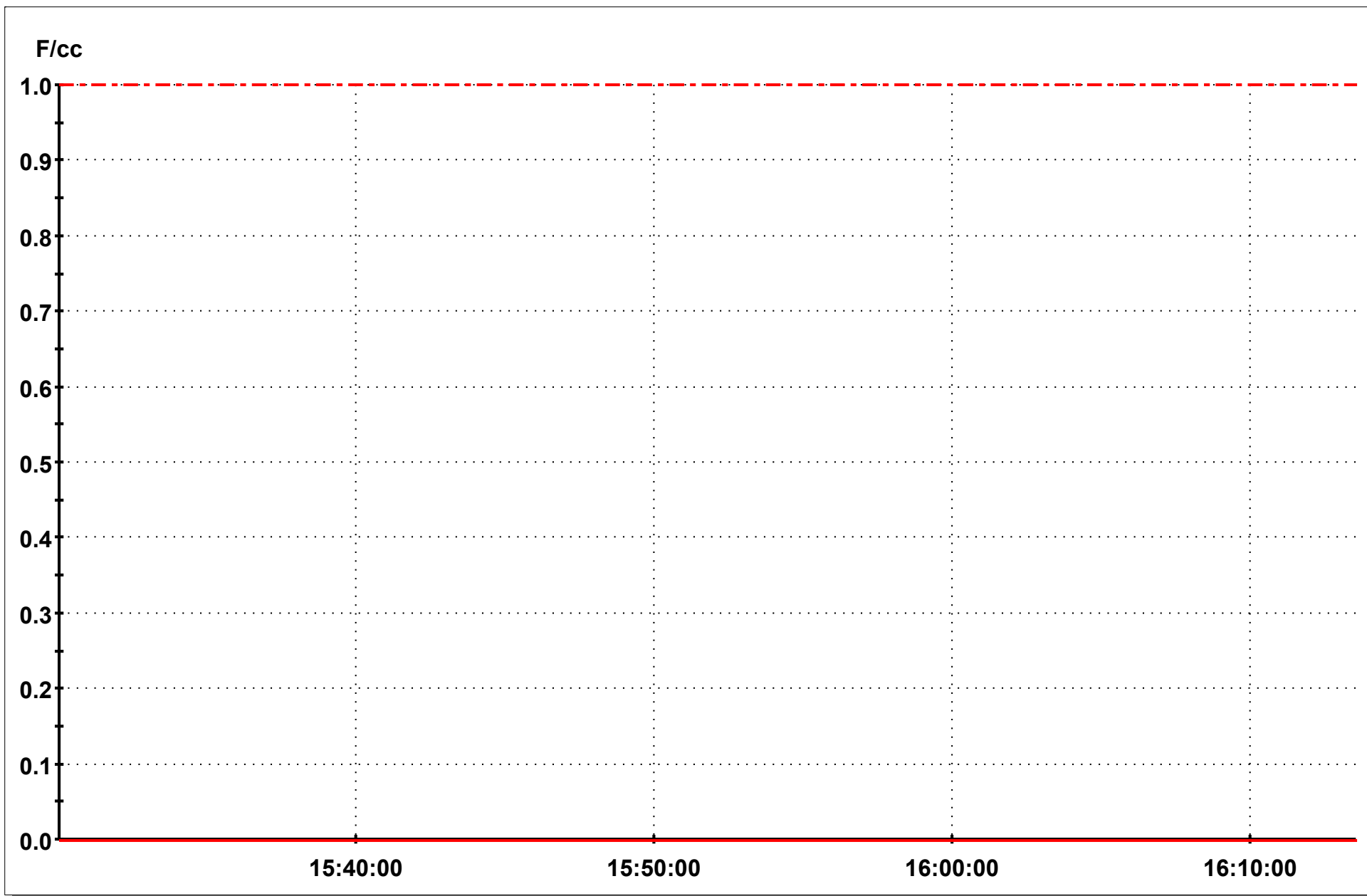
FAM-1



— Voltage - - - High Alarm

From:- 18 November 2013 13:10:55 To:- 18 November 2013 15:25:45

FAM-1



— Voltage - - - High Alarm

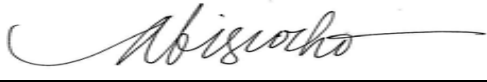
From:- 18 November 2013 15:30:02 To:- 18 November 2013 16:13:32

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/19/13

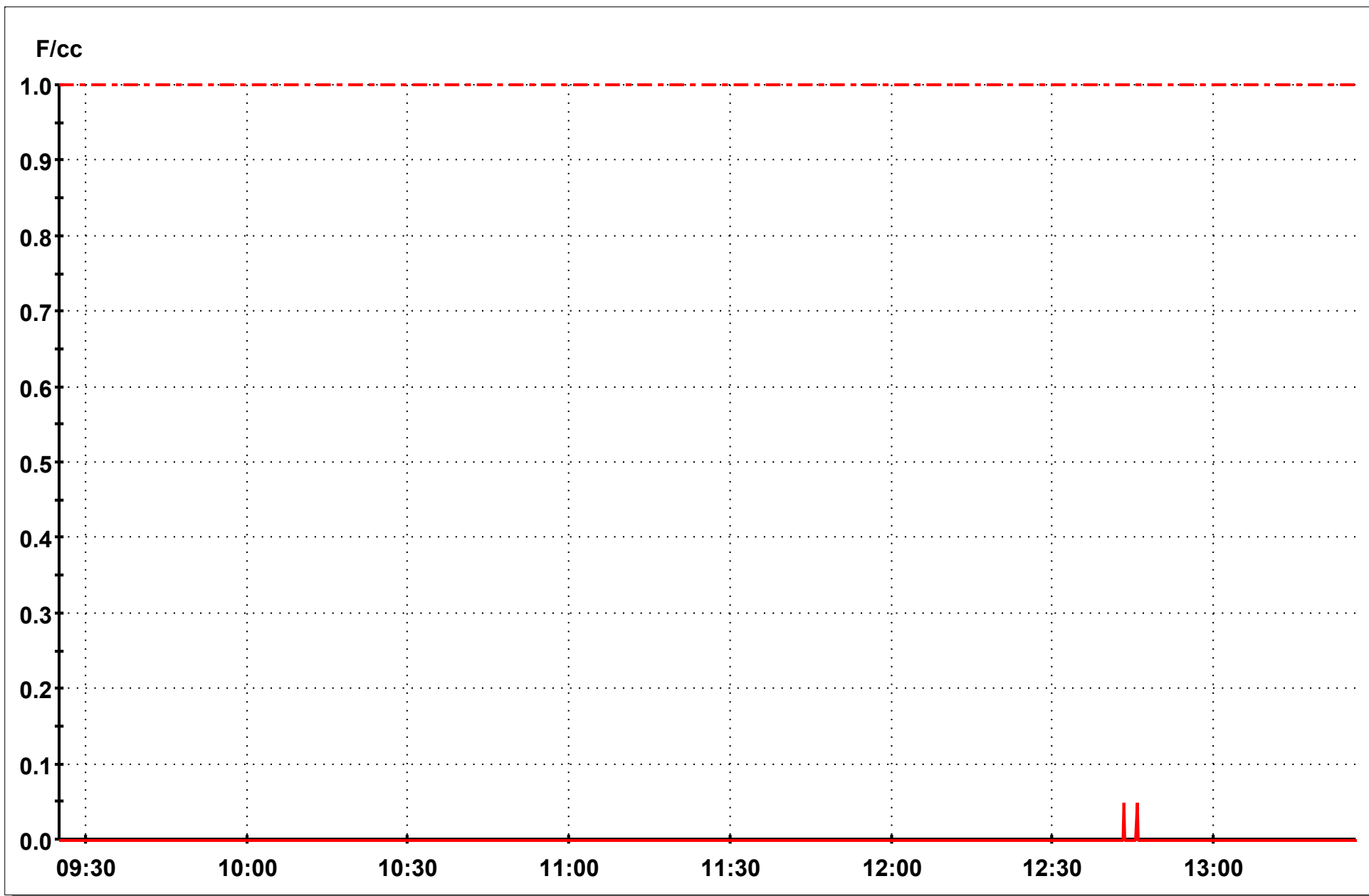
TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # **	Personal Data RAM	Station # 7**	Personal Data RAM	Station # 6**	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)		Monitor S/N	7*	Monitor S/N	8*	Monitor S/N	11*
Location		Location	Area E	Location	Area E	Location	15 Haines Ave.
Lat/Long		Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0835		Start Time 0735	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.000	Start Time 0740	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.000	Start Time 0720	Fibers (F/cc): 0.000
Time: 1150		Time: 1135	Conc (mg/m ³): 0.009 TWA (mg/m ³): 0.003	Time: 1142	Conc (mg/m ³): 0.007 TWA (mg/m ³): 0.001	Time: 1305	Fibers (F/cc): 0.000
End Time 1348		End Time 1620	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time 1628	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time 1617	Fibers (F/cc): 0.000
Total Run Time Min=		Total Run Time Min=	533	Total Run Time Min=	520	Total Run Time Min=	537
Monitor Fault		Monitor Fault	N	Monitor Fault	N	Monitor Fault	N

MET Station on Site?: Yes START-3 Signature/Date:  11-19-13

Comments:
 Local Weather: Low: 34°F; High: 62°F; Winds light from the south/southwest at 4 to 6 mph. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

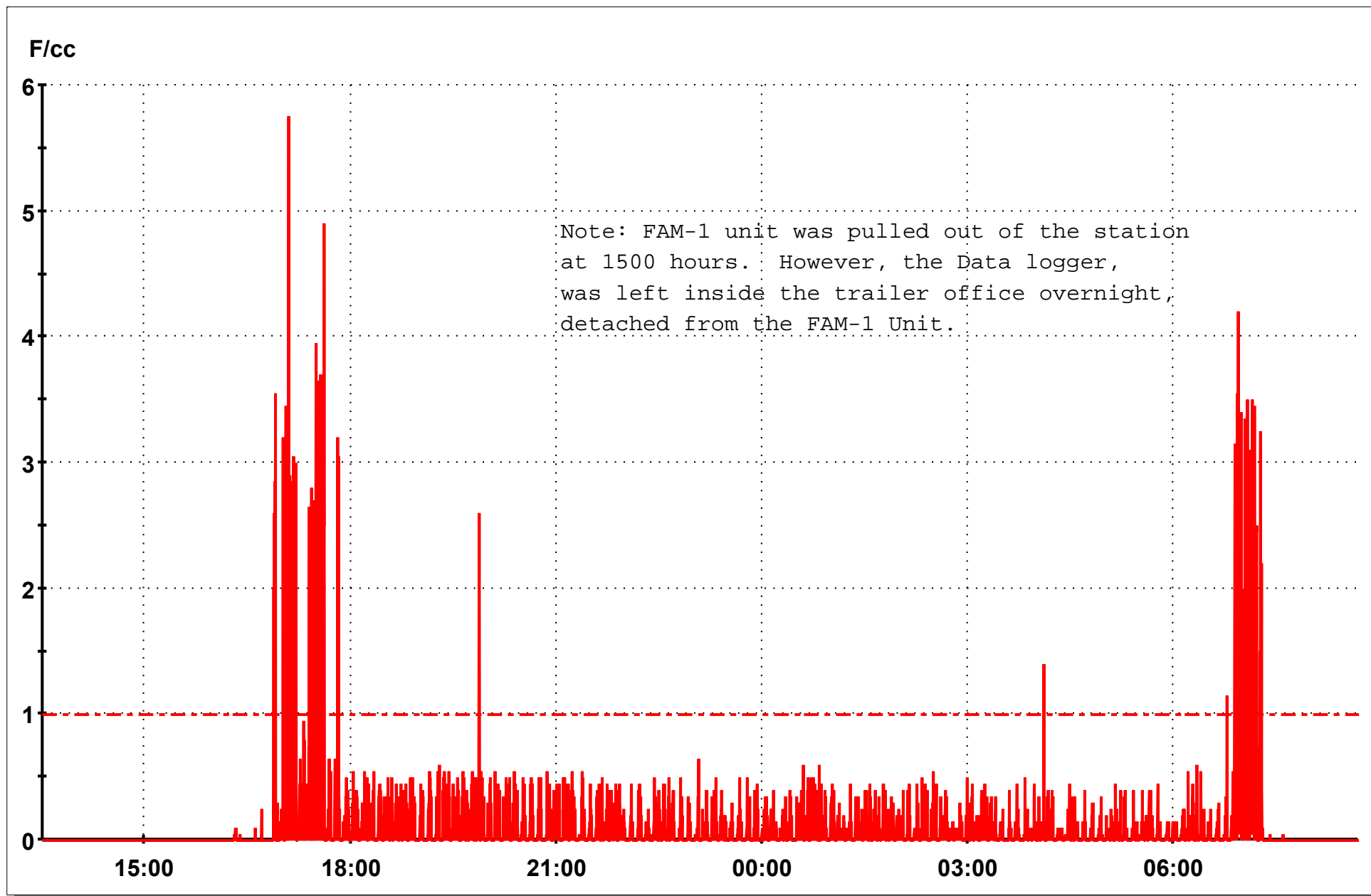
FAM-1



— Voltage - - - High Alarm

From:- 19 November 2013 09:25:07 To:- 19 November 2013 13:26:27

FAM-1



— Voltage - - - High Alarm


From:- 19 November 2013 13:30:44 To:- 20 November 2013 08:42:04

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/20/13

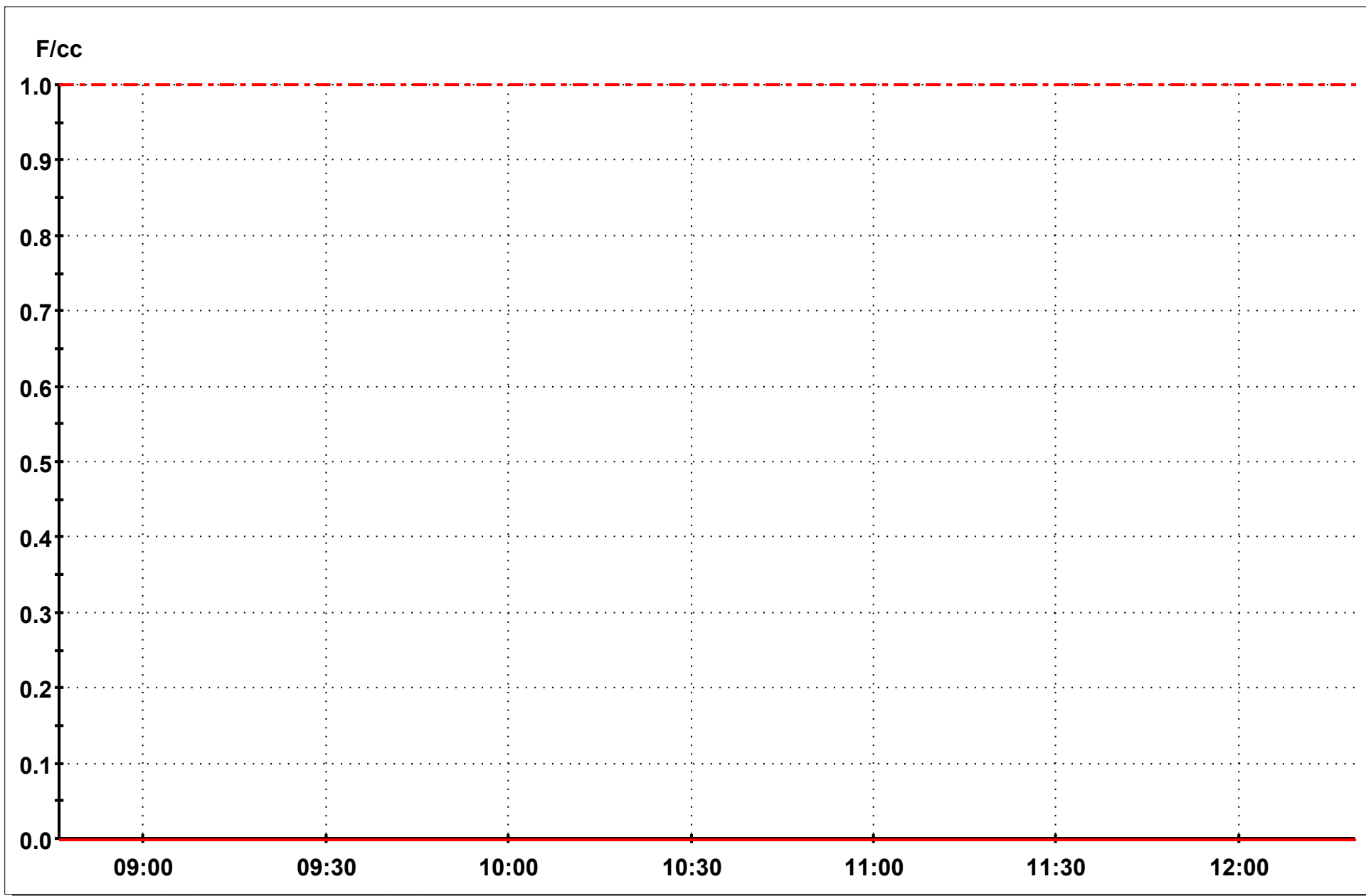
TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 6**	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N	7*	Monitor S/N	JE	Monitor S/N	11*
Location	Area A	Location	Area CE	Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0735	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.000	Start Time 0740	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.000	Start Time 0724	Fibers (F/cc): 0.000
Time: 1100	Conc (mg/m ³): 0.010 TWA (mg/m ³): 0.004	Time: 1102	Conc (mg/m ³): 0.007 TWA (mg/m ³): 0.005	Time: 1055	Fibers (F/cc): 0.000
End Time 1313	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.000	End Time 1210	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.000	End Time 1215	Fibers (F/cc): 0.000
Total Run Time (Min.)	338	Total Run Time (Min.)	270	Total Run Time (Min.)	291
Monitor Fault	N	Monitor Fault	N	Monitor Fault	N

MET Station on Site?: Yes START-3 Signature/Date:  11-20-13

Comments:
 Local Weather: Low: 44°F; High: 54°F; Winds light from the south/southwest at 4 to 6 mph.
 Overcast skies with light rain starting mid-morning and continuing throughout the day.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

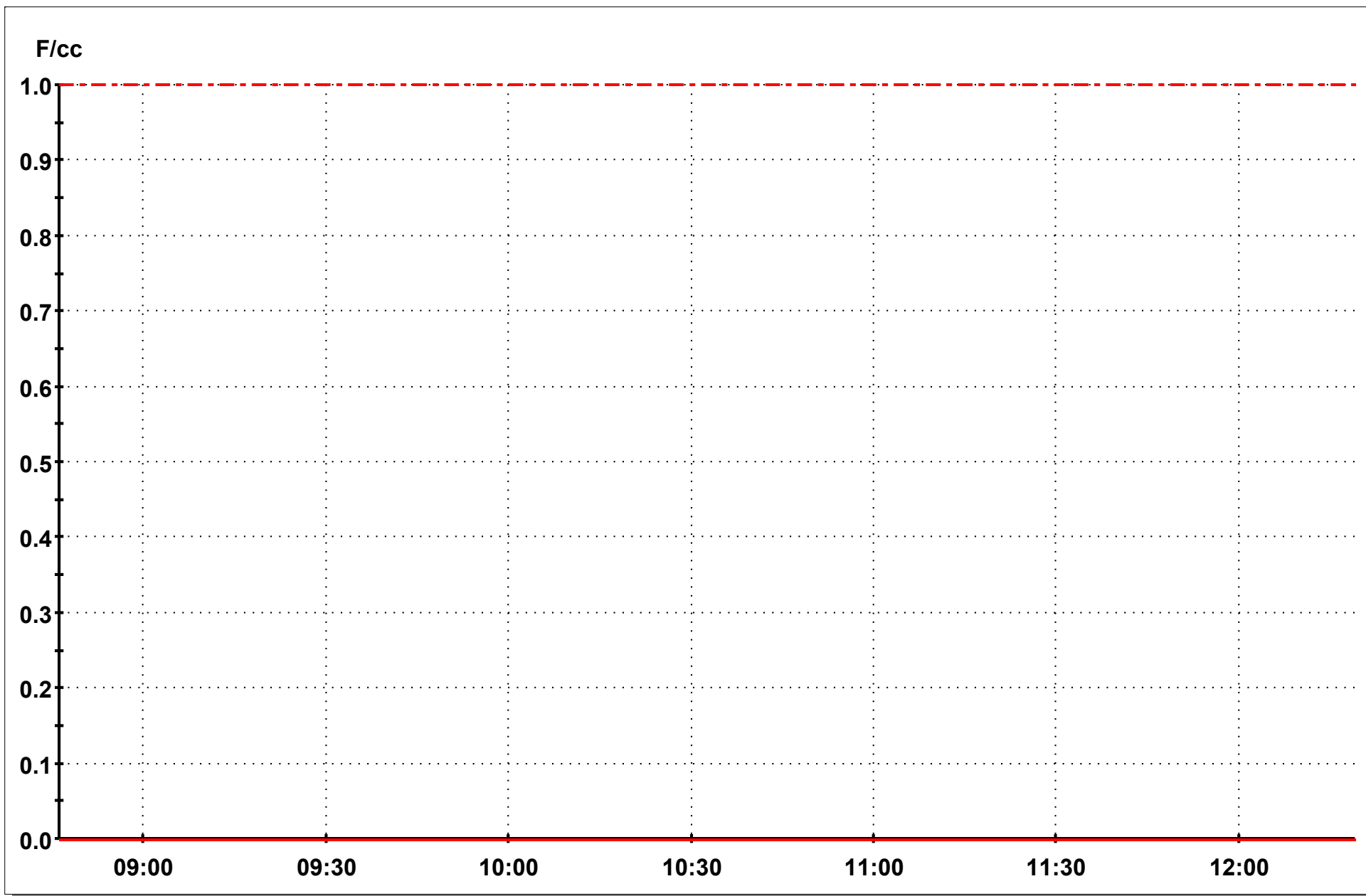
FAM-1



— Voltage - - - High Alarm

From:- 20 November 2013 08:46:14 To:- 20 November 2013 12:19:04

FAM-1




— Voltage - - - High Alarm

From:- 20 November 2013 08:46:14 To:- 20 November 2013 12:19:04

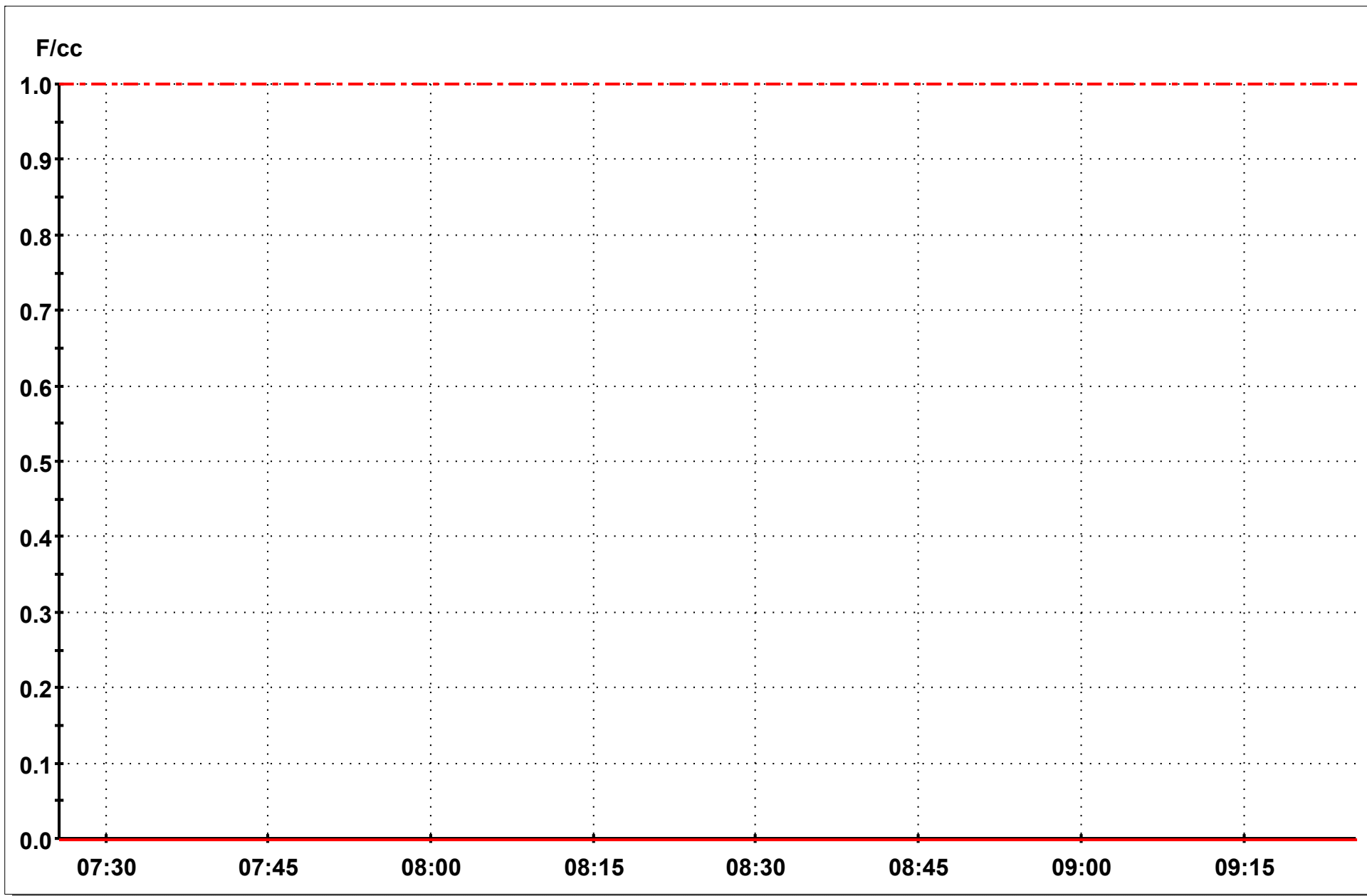
DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/21/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # **	Personal Data RAM	Station # **	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N	<i>PDR not deployed, due to variable weather forecast/ conditions</i>	Monitor S/N	<i>PDR not deployed, due to variable weather forecast/ conditions</i>	Monitor S/N	11*
Location		Location		Location	15 Haines Ave.
Lat/Long		Lat/Long		Lat/Long	**
Start Time		Start Time		Start Time 0843	Fibers (F/cc): 0.000
Time:		Time:		Time: N/A	Fibers (F/cc):
End Time		End Time		End Time 0930	Fibers (F/cc): 0.000
Total Run Time (Min.)		Total Run Time (Min.)		Total Run Time (Min.)	46
Monitor Fault		Monitor Fault		Monitor Fault	N
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 15%;"> MET Station on Site?: Yes </div> <div style="width: 85%;"> START-3 Signature/Date:  11-21-13 </div> </div>					
Comments: Local Weather: Low: 43°F; High: 56°F; Winds light from the northeast early, switching to south winds at 7 to 9 mph. Overcast skies with intermittent light rain throughout the day. TWA – Time weighted Average * - Monitor # (S/N): See equipment log for serial numbers. ** - Location, Station Number and Lat/Long: See GPS on file. <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #cccccc; border: 1px solid black; margin-right: 5px;"></div> - Not collected. </div>					

FAM-1



— Voltage - - - High Alarm

From:- 21 November 2013 07:25:42 To:- 21 November 2013 09:25:22


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/22/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 6**	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N	7*	Monitor S/N		Monitor S/N	11*
Location	Area A	Location		Location	15 Haines Ave.
Lat/Long	**	Lat/Long		Lat/Long	**
Start Time 0821	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time		Start Time 0724	Fibers (F/cc): 0.000
Time: 1350	Conc (mg/m ³): 0.015 TWA (mg/m ³): 0.000	Time:		Time: 1122	Fibers (F/cc): 0.000
End Time 1603	Conc (mg/m ³): 0.007 TWA (mg/m ³): 0.000	End Time		End Time 1601	Fibers (F/cc): 0.000
Total Run Time (Min.)	462	Total Run Time (Min.)		Total Run Time (Min.)	517
Monitor Fault	N	Monitor Fault		Monitor Fault	N

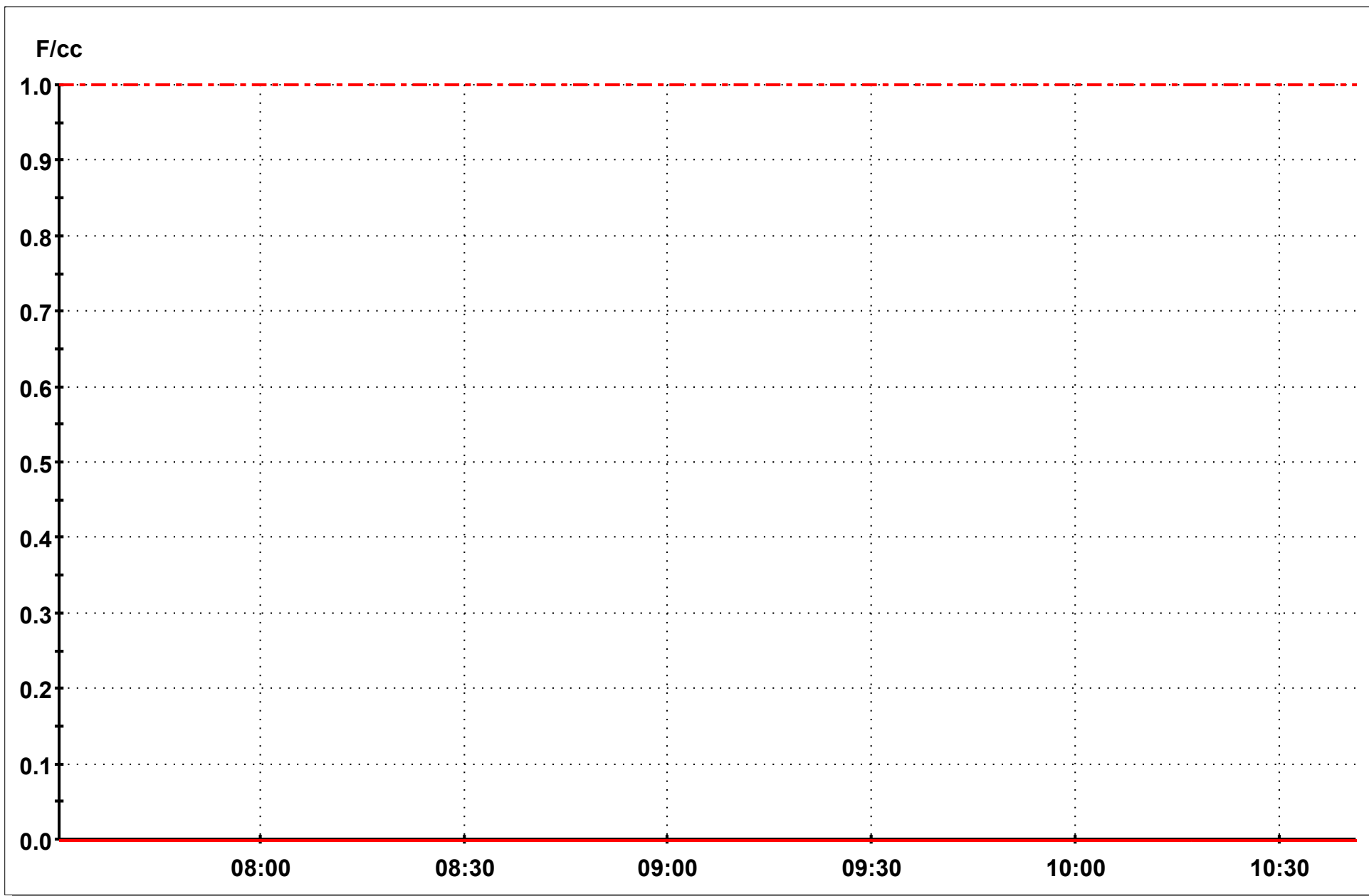
MET Station
on Site?: Yes

START-3 Signature/Date:  11-22-13

Comments:
 Local Weather: Low: 34°F; High: 38°F; Winds from the east and variable at 8 to 16 mph, with local gusts noted up to 31 mph.
 Overcast skies with intermittent light rain throughout the day, turning partly into freezing rain/snow later in the day.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.

- Not collected.

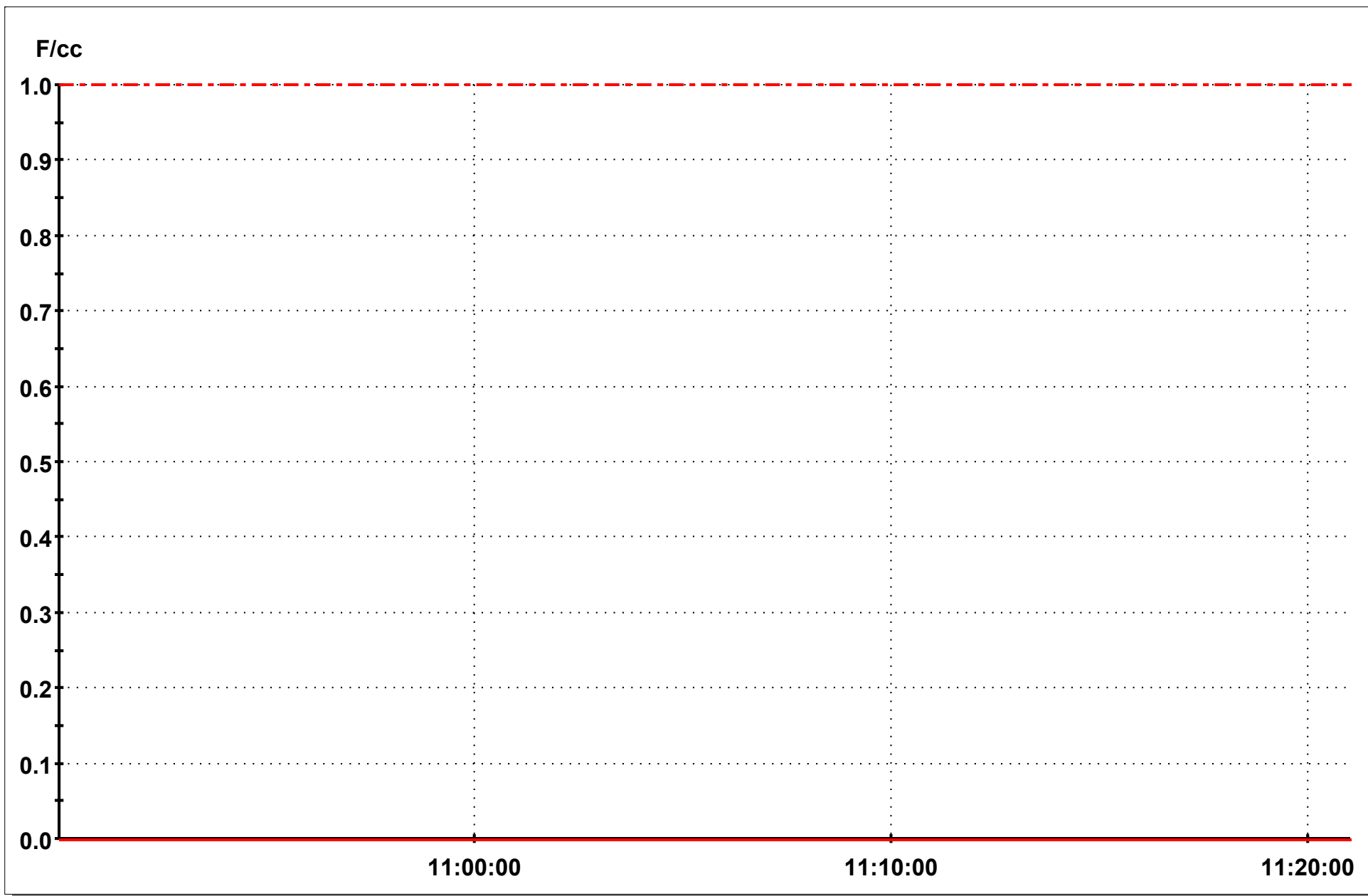
FAM-1



— Voltage - - - High Alarm

From:- 22 November 2013 07:30:27 To:- 22 November 2013 10:41:17

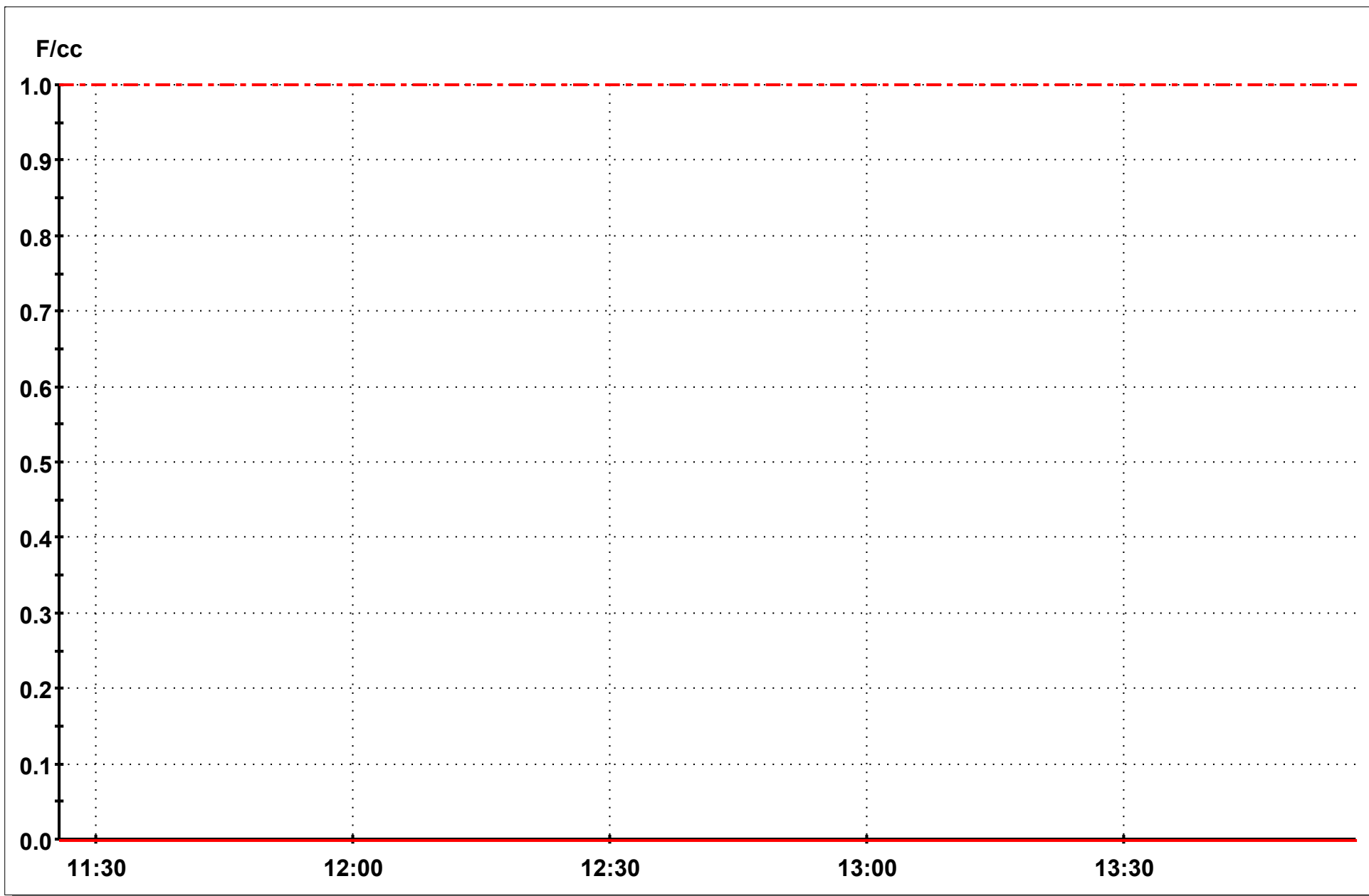
FAM-1



— Voltage - - - High Alarm

From:- 22 November 2013 10:50:01 To:- 22 November 2013 11:21:01

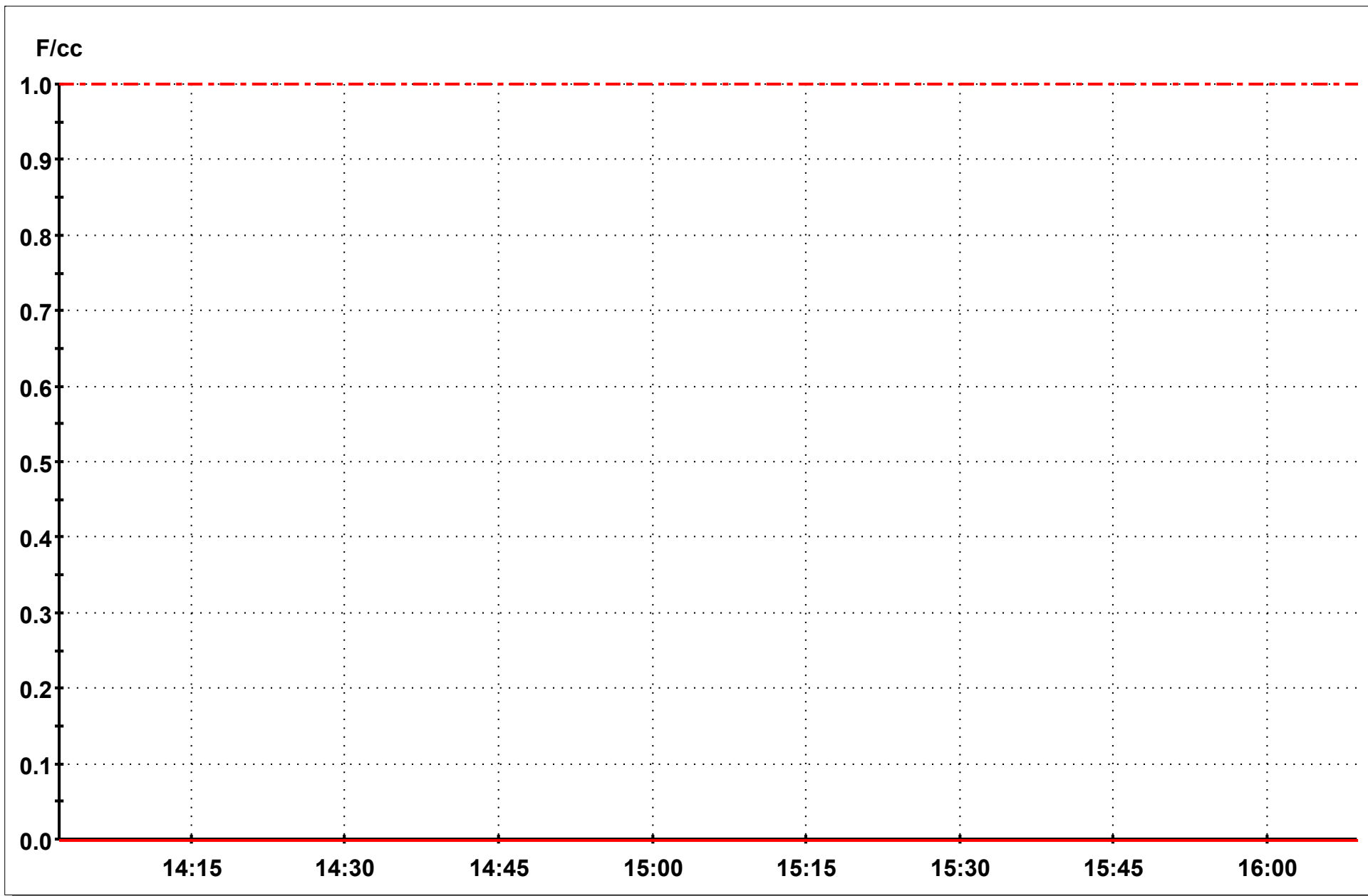
FAM-1



— Voltage - - - High Alarm

From:- 22 November 2013 11:25:39 To:- 22 November 2013 13:57:09

FAM-1



— Voltage - - - High Alarm

From:- 22 November 2013 14:02:07 To:- 22 November 2013 16:08:47


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 11/23/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

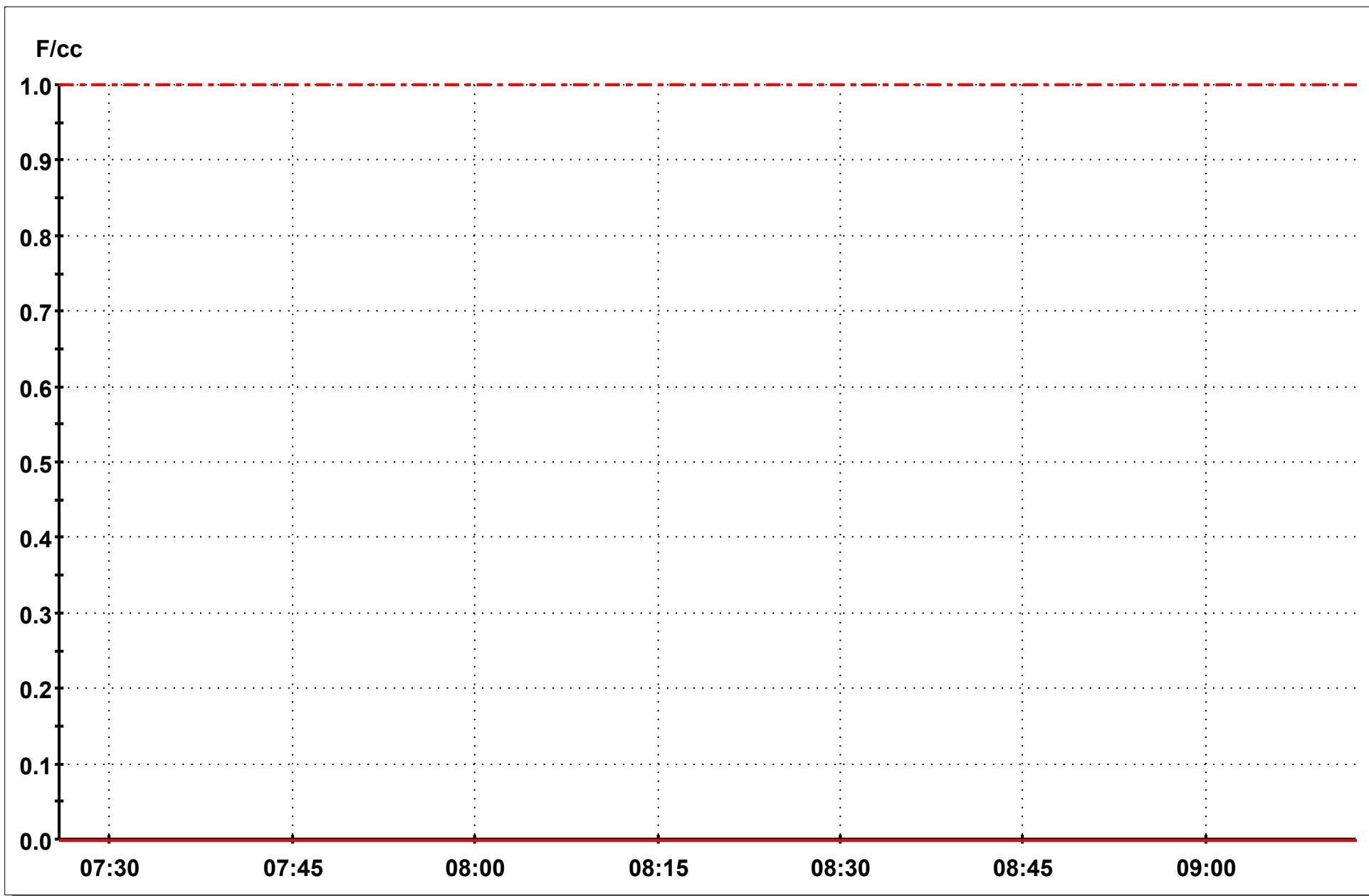
Station # **	Personal Data RAM	Station # **	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N	<i>PDR not deployed, due to inclement weather forecast/ conditions</i>	Monitor S/N	<i>PDR not deployed, due to inclement weather forecast/ conditions</i>	Monitor S/N	11*
Location		Location		Location	15 Haines Ave.
Lat/Long		Lat/Long		Lat/Long	**
Start Time		Start Time		Start Time 0730	Fibers (F/cc): 0.000
Time:		Time:		Time: N/A	Fibers (F/cc):
End Time		End Time		End Time 0910	Fibers (F/cc): 0.000
Total Run Time (Min.)		Total Run Time (Min.)		Total Run Time (Min.)	99
Monitor Fault		Monitor Fault		Monitor Fault	N

MET Station on Site?: Yes

START-3 Signature/Date:  11-23-13

Comments:
 Local Weather: Low: 34°F; High: 37°F; Winds from the east and variable at 8 to 20 mph, with local gusts noted up to 30 mph.
 Overcast skies with intermittent light snow throughout the day.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 23 November 2013 07:25:51 To:- 23 November 2013 09:12:21


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 11/25/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

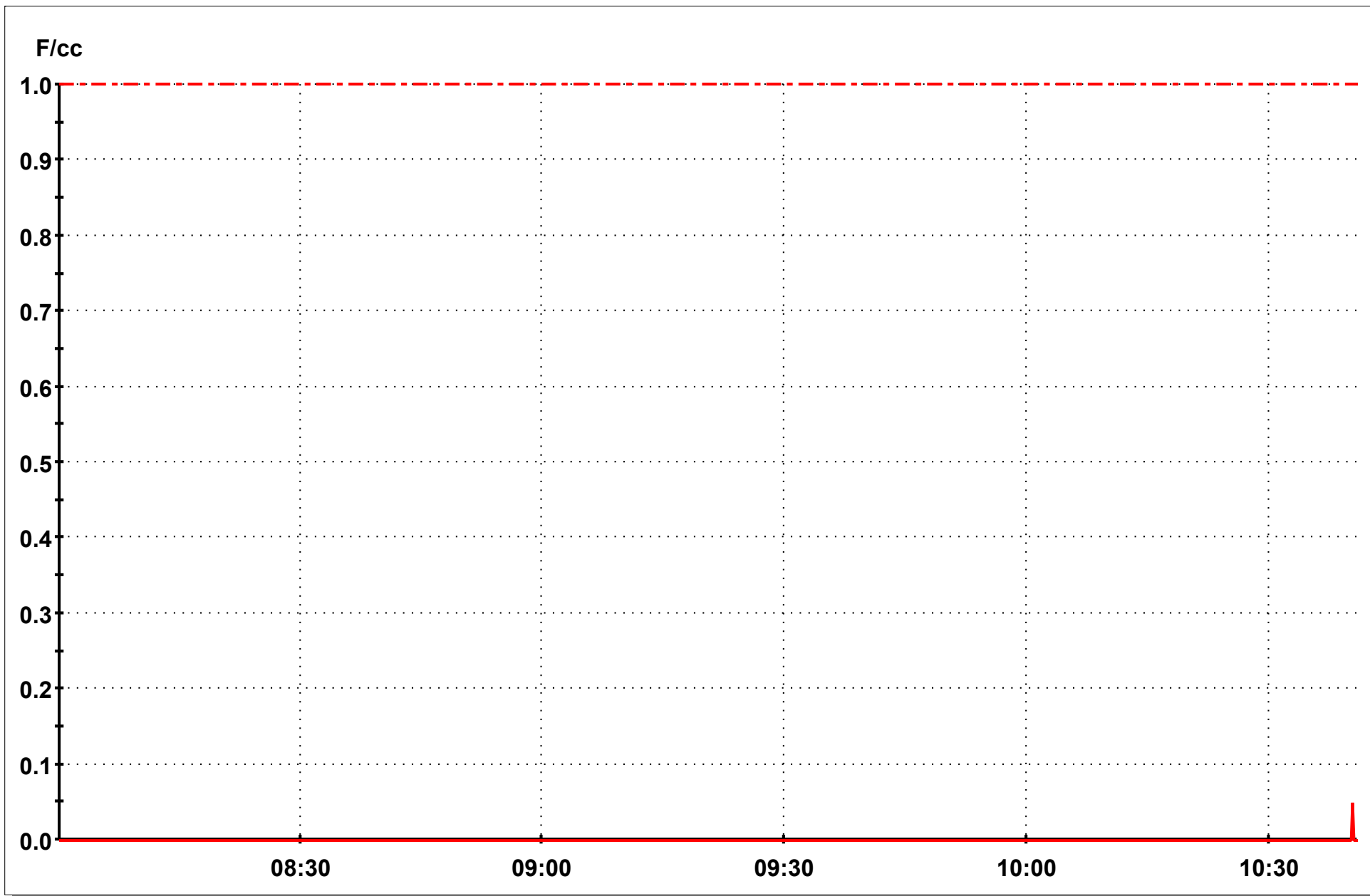
Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N	11*
Location		Area A	Location		Area A	Location	15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long	**
Start Time	0739	Conc (mg/m ³): 0.005 TWA (mg/m ³): 0.000	Start Time	0742	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.000	Start Time	0750 Fibers (F/cc): 0.000
Time:	1312	Conc (mg/m ³): 0.020 TWA (mg/m ³): 0.010	Time:	1310	Conc (mg/m ³): 0.011 TWA (mg/m ³): 0.002	Time:	1320 Fibers (F/cc): 0.000
End Time	1535	Conc (mg/m ³): 0.005 TWA (mg/m ³): 0.006	End Time	1539	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.008	End Time	1553 Fibers (F/cc): 0.000
Total Run Time (Min.)		475	Total Run Time (Min.)		476	Total Run Time Min=	482
Monitor Fault		N	Monitor Fault		N	Monitor Fault	N

MET Station on Site?: Yes

START-3 Signature/Date:  11-25-13

Comments:
 Local Weather: Low: 30°F; High: 40°F; Winds from the northwest at 7 to 9 mph. Overcast skies with clearing late..
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

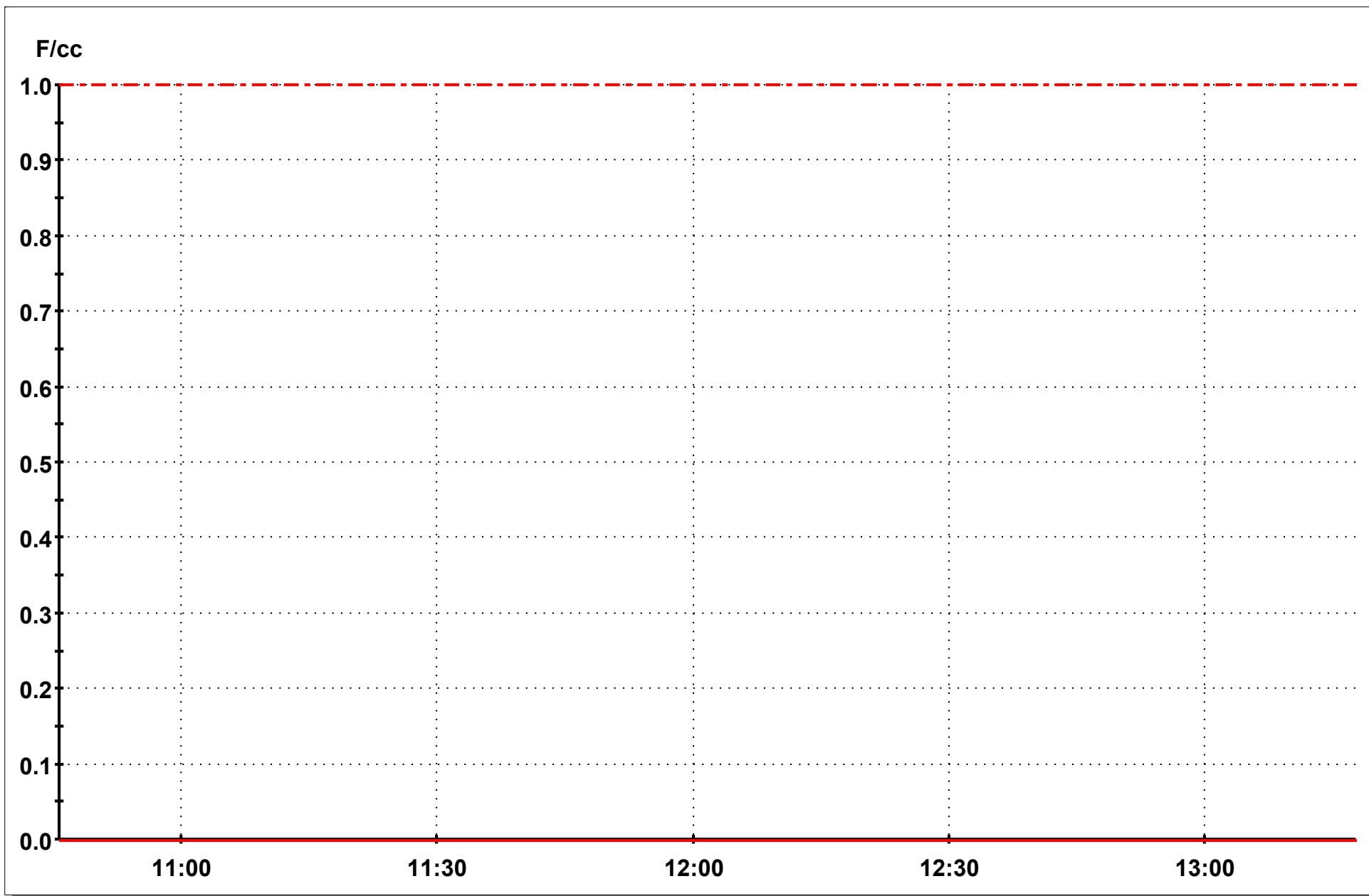
FAM-1



— Voltage - - - High Alarm

From:- 25 November 2013 08:00:15 To:- 25 November 2013 10:40:55

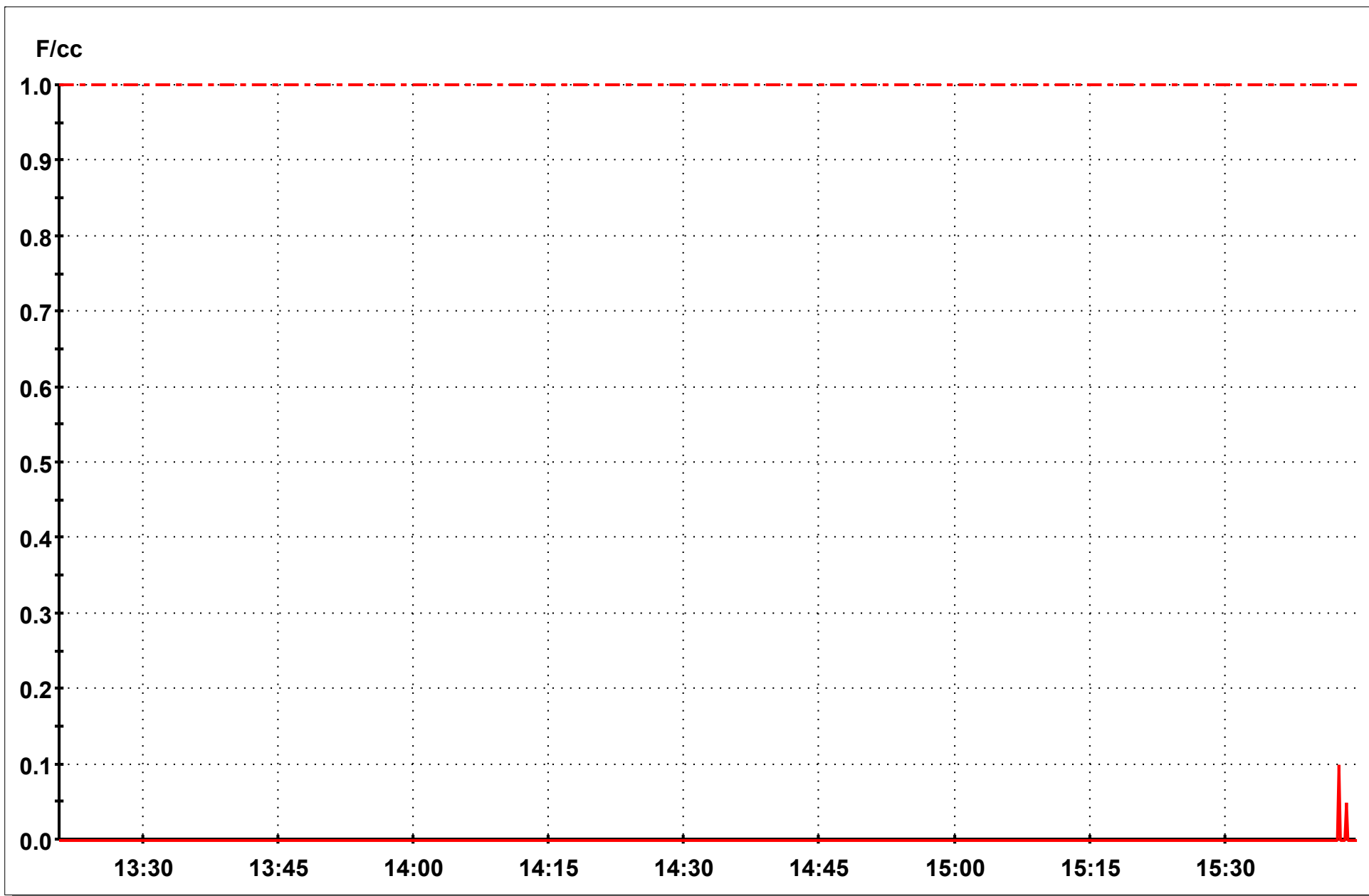
FAM-1



— Voltage - - - High Alarm

From:- 25 November 2013 10:45:42 To:- 25 November 2013 13:17:42

FAM-1



— Voltage - - - High Alarm

From:- 25 November 2013 13:20:43 To:- 25 November 2013 15:44:33

December 2013

Air Monitoring Worksheets

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 12/02/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 6**	Personal Data RAM	Station # **	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	8*	Monitor S/N	7*	Monitor S/N	*	Monitor S/N	11*
Location	Area A	Location	Area A	Location		Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0815	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.000	Start Time 0815	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.000	Start Time	Conc (mg/m ³): TWA (mg/m ³):	Start Time 0820	Fibers (F/cc): 0.000
Time: 1137	Conc.(mg/m ³): 0.000 TWA (mg/m ³): 0.007	Time: 1140	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.006	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1115	Fibers (F/cc): 0.000
Time:	Conc.(mg/m ³): TWA (mg/m ³):	Time: 1432	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.006	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1348	Fibers (F/cc): 0.000
End Time	Conc (mg/m ³): TWA (mg/m ³):	End Time 1650	Conc (mg/m ³): 0.024 TWA (mg/m ³): 0.007	End Time	Conc (mg/m ³): TWA (mg/m ³):	End Time 1650	Fibers (F/cc): 0.000
Total Run Time Min=	202	Total Run Time Min=	515	Total Run Time Min=		Total Run Time Min=	510
Monitor Fault	Y	Monitor Fault	N	Monitor Fault		Monitor Fault	N
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.007 by 1137 hrs.	Daily TWA: (µg/m ³):	TWA (mg/m ³):	Daily TWA: (µg/m ³):	TWA (mg/m ³):		

MET Station on Site?: Yes

START-3 Signature/Date:



12-02-13

Comments:

Y = Unit off by the routine check.

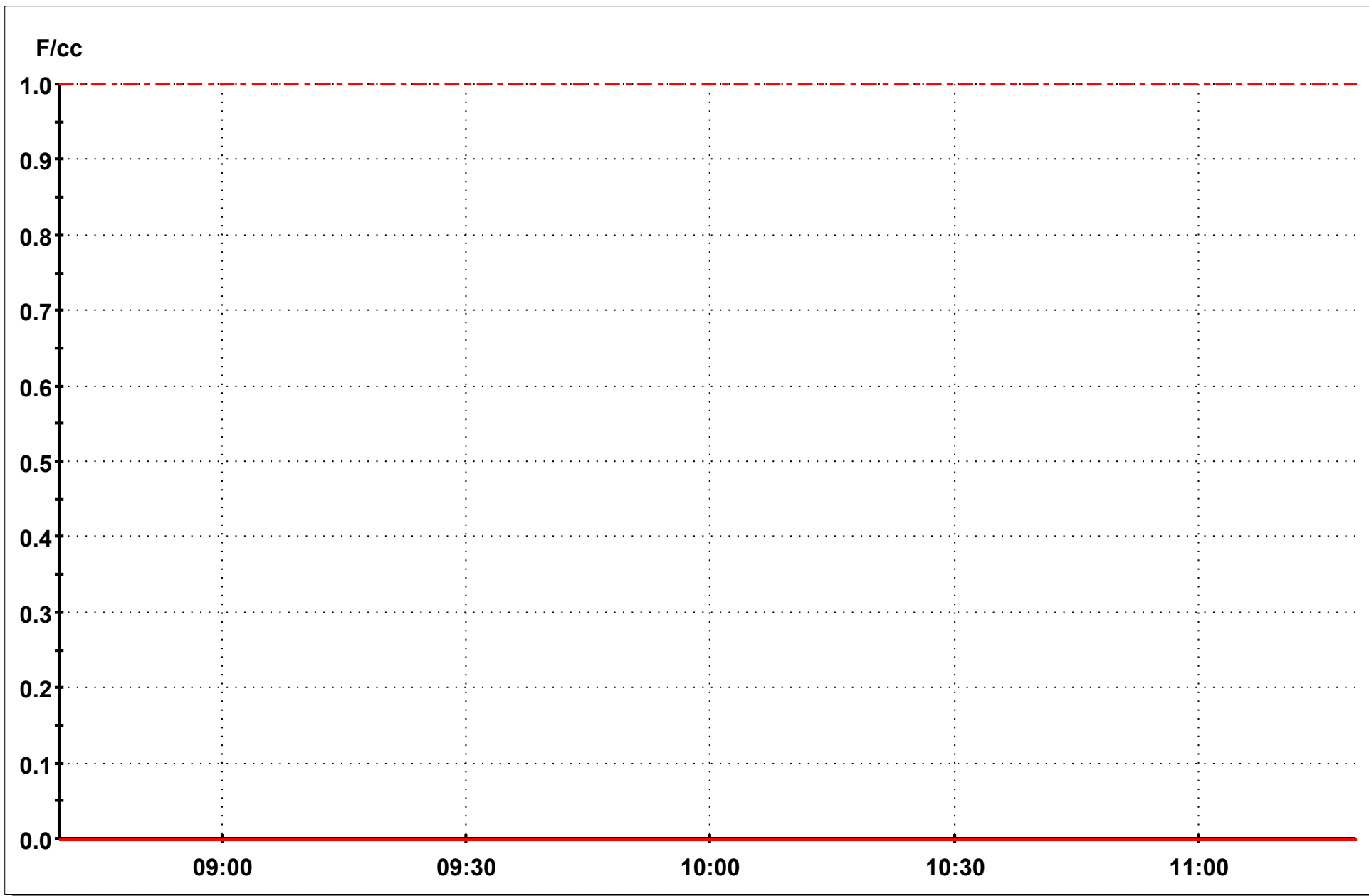
Local Weather: Low: 35°F; High: 58°F; Winds from the south/southwest at 4 – 5 mph. Mostly clear skies.

* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS on file.

☐ - Not collected.

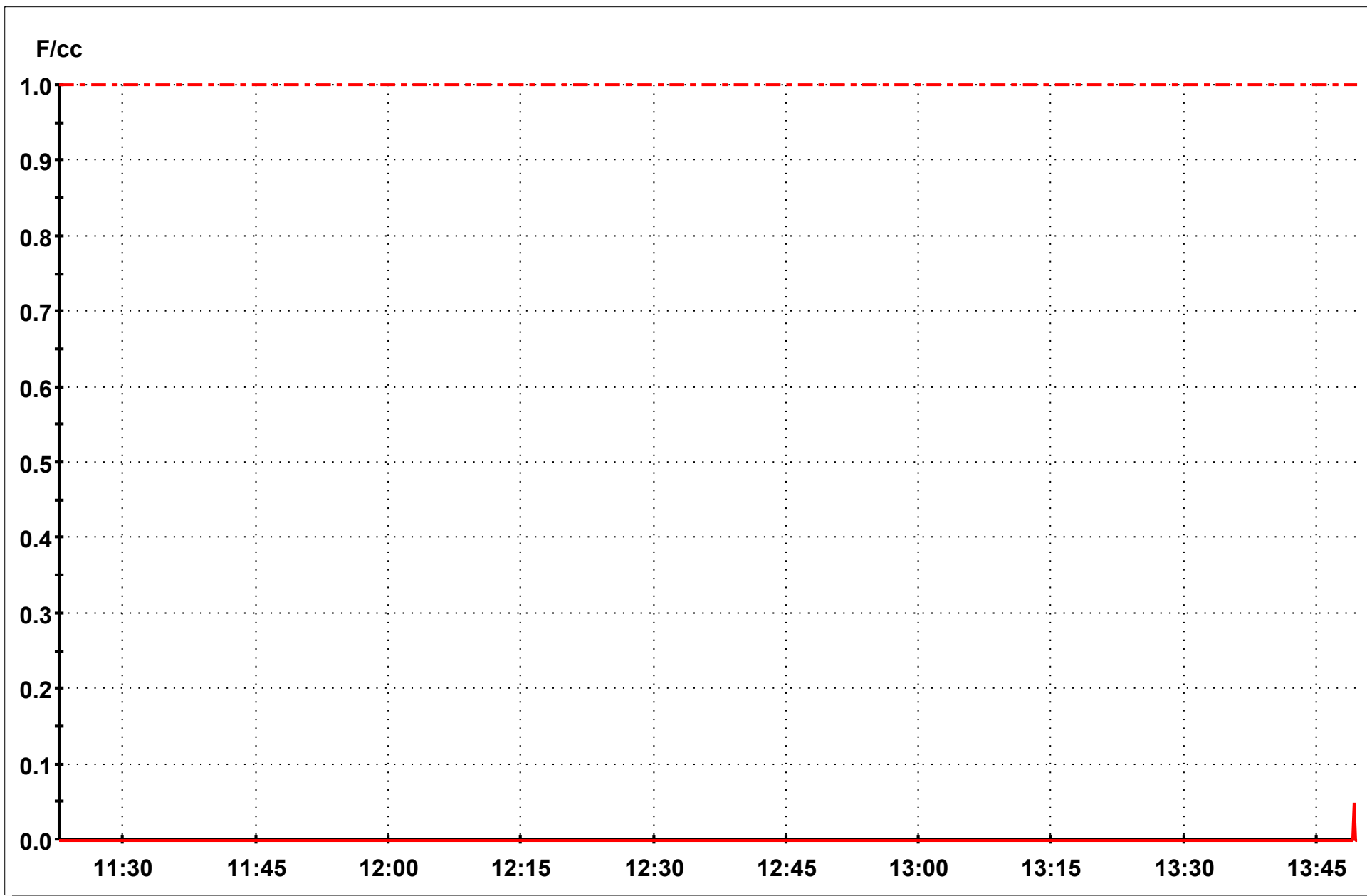
FAM-1



— Voltage - - - High Alarm

From:- 02 December 2013 08:40:01 To:- 02 December 2013 11:19:21

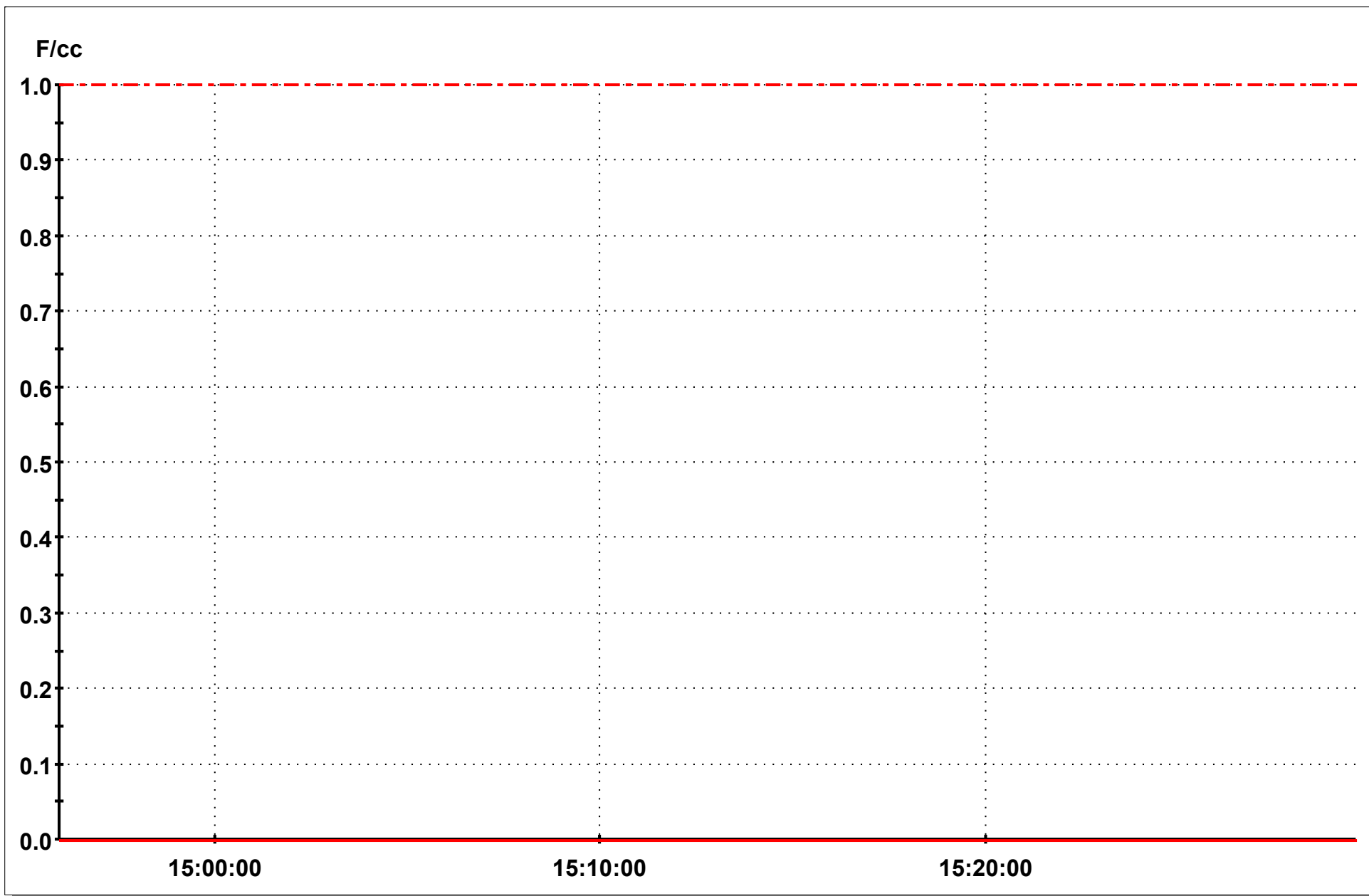
FAM-1



— Voltage - - - High Alarm

From:- 02 December 2013 11:22:48 To:- 02 December 2013 13:49:28

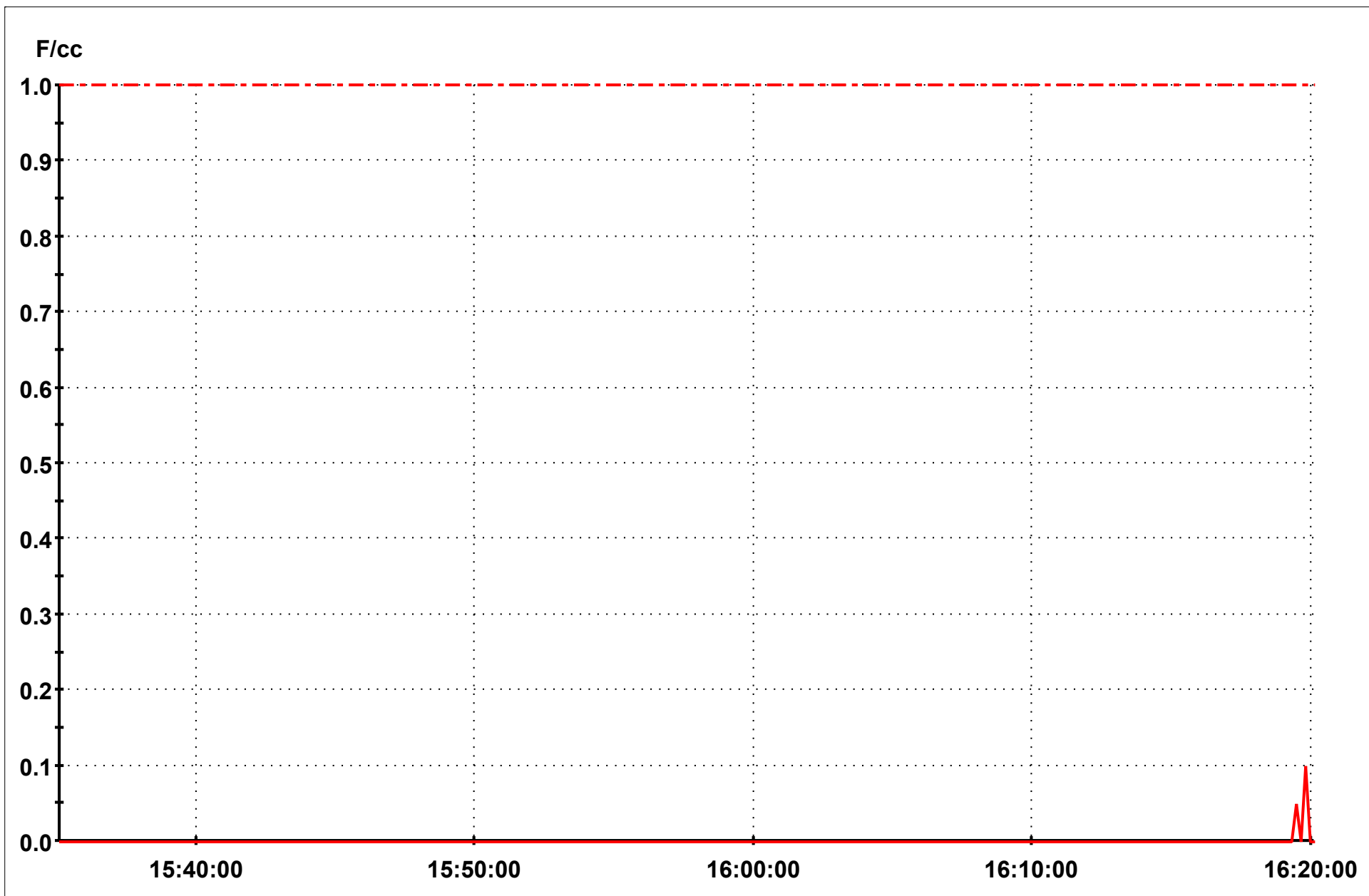
FAM-1



— Voltage - - - High Alarm

From:- 02 December 2013 14:55:57 To:- 02 December 2013 15:29:37

FAM-1



— Voltage - - - High Alarm

From:- 02 December 2013 15:35:07 To:- 02 December 2013 16:20:07

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 12/03/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 7**	Personal Data RAM	Station # **	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	7*	Monitor S/N	8*	Monitor S/N	*	Monitor S/N	11*
Location	Area A	Location	Area A	Location		Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0749	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.000	Start Time 0752	Conc (mg/m ³): 0.005 TWA (mg/m ³): 0.000	Start Time	Conc (mg/m ³): TWA (mg/m ³):	Start Time 0740	Fibers (F/cc): 0.000
Time: 1032	Conc.(mg/m ³): 0.011 TWA (mg/m ³): 0.010	Time: 1035	Conc (mg/m ³): 0.010 TWA (mg/m ³): 0.008	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1008	Fibers (F/cc): 0.000
Time: 1404	Conc.(mg/m ³): 0.008 TWA (mg/m ³): 0.001	Time: 1407	Conc (mg/m ³): 0.005 TWA (mg/m ³): 0.0010	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1505	Fibers (F/cc): 0.000
End Time 1620	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.007	End Time 1625	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.012	End Time	Conc (mg/m ³): TWA (mg/m ³):	End Time 1600	Fibers (F/cc): 0.000
Total Run Time Min=	511	Total Run Time Min=	513	Total Run Time Min=		Total Run Time Min=	500
Monitor Fault	N	Monitor Fault	N	Monitor Fault		Monitor Fault	N
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.007	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.012	Daily TWA: (µg/m ³):	TWA (mg/m ³):		

MET Station on Site?: Yes

START-3 Signature/Date:



12-03-13

Comments:

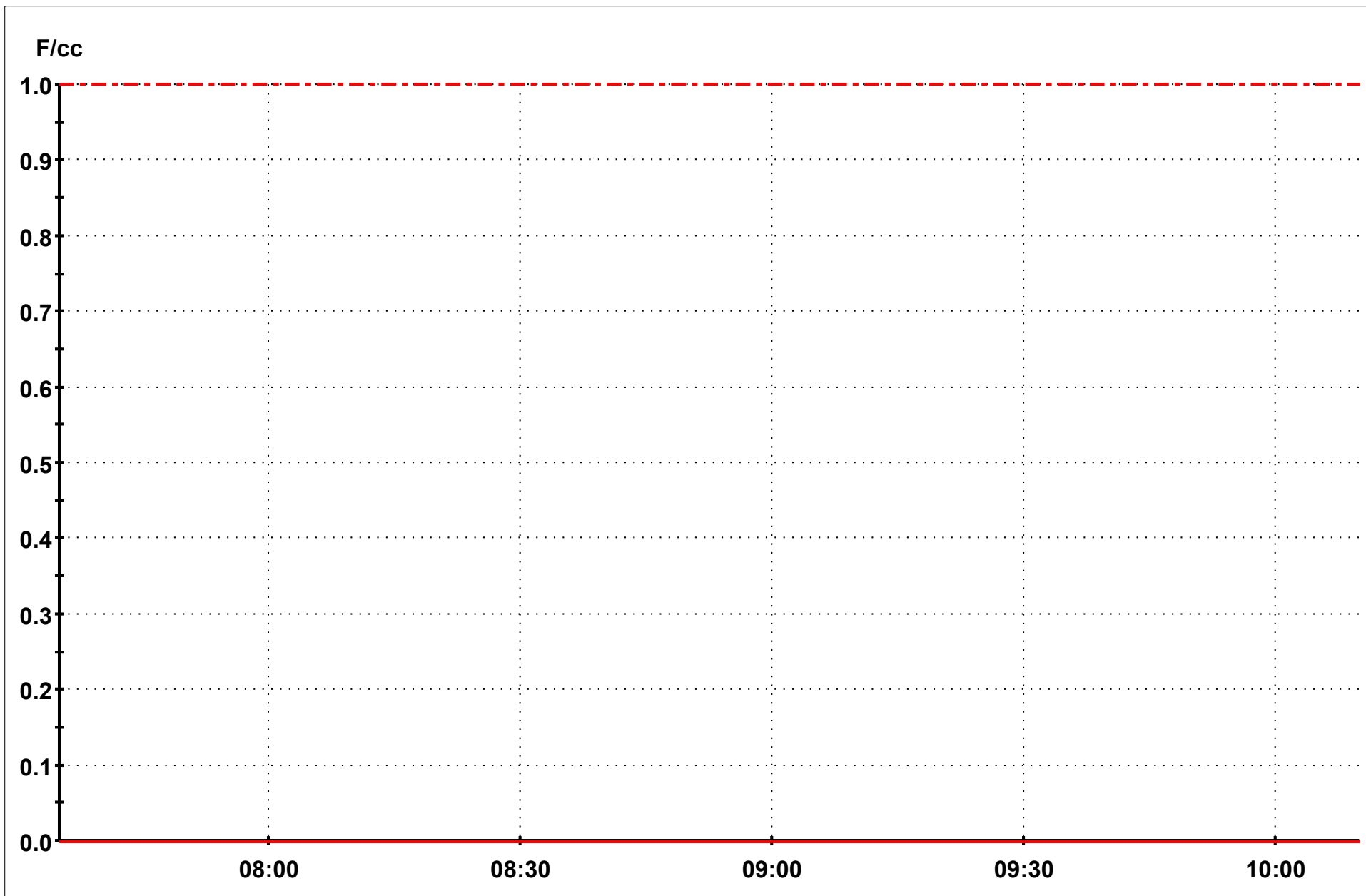
Local Weather: Low: 35°F; High: 64°F; Winds light and variable from the south/southwest early, climbing to 10+ mph and variable late in the day. Clear skies.

* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS on file.

- Not collected.

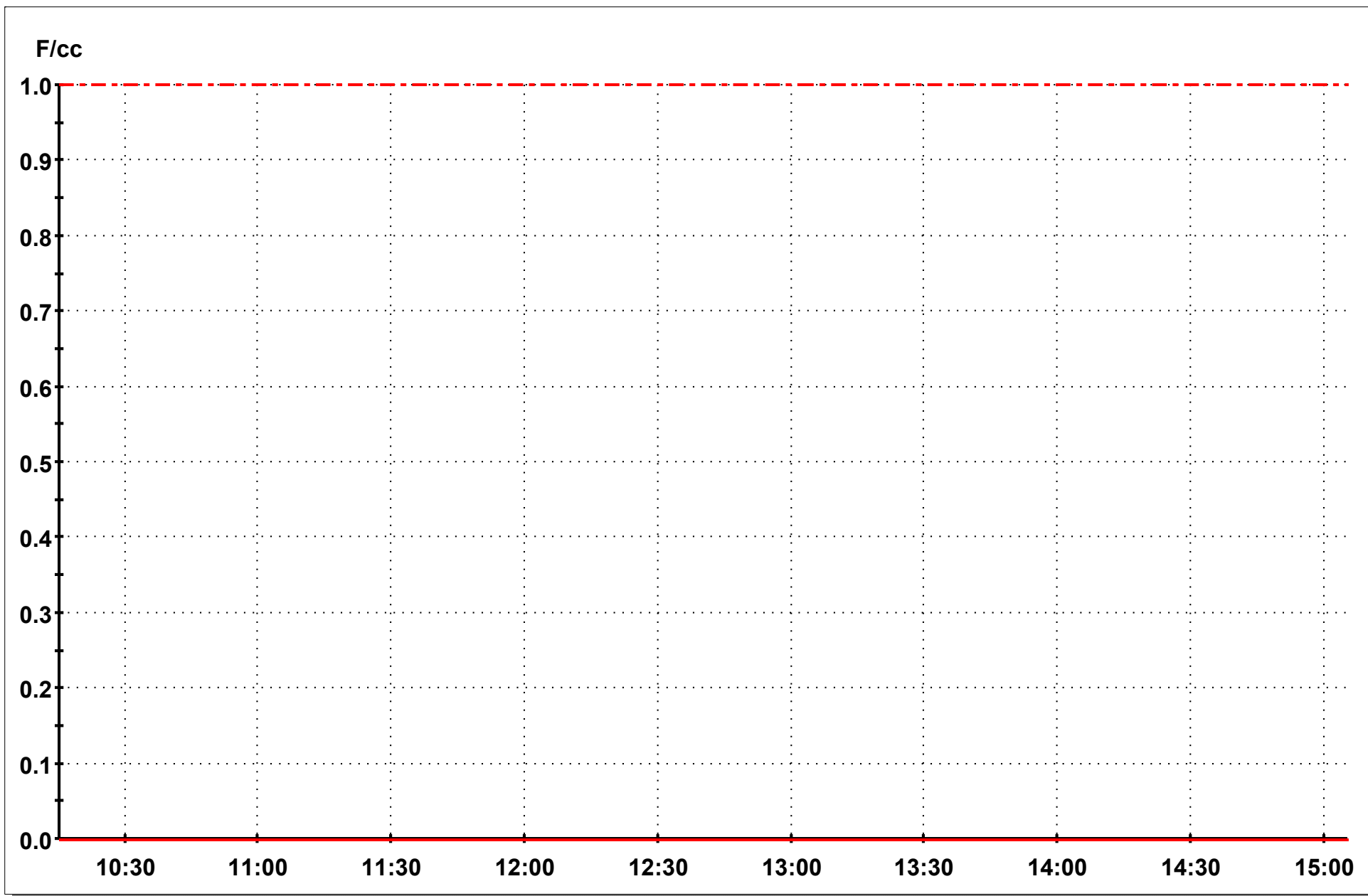
FAM-1



— Voltage - - - High Alarm

From:- 03 December 2013 07:35:06 To:- 03 December 2013 10:09:56

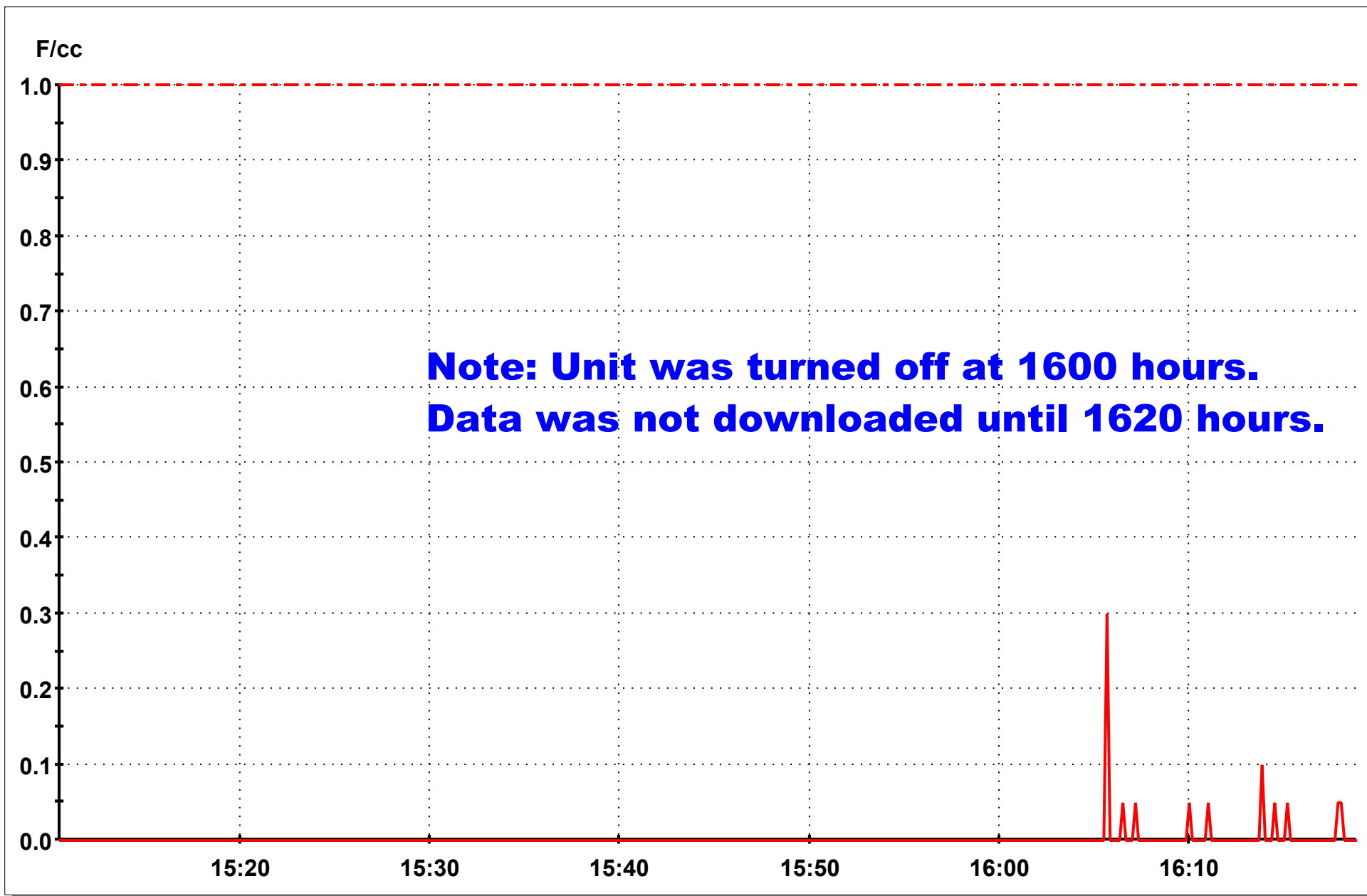
FAM-1



— Voltage - - - High Alarm

From:- 03 December 2013 10:15:14 To:- 03 December 2013 15:05:24

FAM-1



— Voltage - - - High Alarm

From:- 03 December 2013 15:10:29 To:- 03 December 2013 16:18:49

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 12/04/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 7**	Personal Data RAM	Station # **	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	7*	Monitor S/N	8*	Monitor S/N	*	Monitor S/N	11*
Location	Area A	Location	Area A	Location		Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0731	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0730	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	Conc (mg/m ³): TWA (mg/m ³):	Start Time 0740	Fibers (F/cc): 0.000
Time: 1100	Conc.(mg/m ³): 0.001 TWA (mg/m ³): 0.011	Time: 1102	Conc (mg/m ³): 0.008 TWA (mg/m ³): 0.003	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1110	Fibers (F/cc): 0.000
Time: 1345	Conc.(mg/m ³): 0.024 TWA (mg/m ³): 0.027	Time: 1350	Conc (mg/m ³): 0.010 TWA (mg/m ³): 0.015	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1400	Fibers (F/cc): 0.000
End Time 1545	Conc (mg/m ³): 0.034 TWA (mg/m ³): 0.019	End Time 1542	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.017	End Time	Conc (mg/m ³): TWA (mg/m ³):	End Time 1550	Fibers (F/cc): 0.000
Total Run Time Min=	494	Total Run Time Min=	492	Total Run Time Min=		Total Run Time Min=	490
Monitor Fault	N	Monitor Fault	N	Monitor Fault		Monitor Fault	N
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.019	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.017	Daily TWA: (µg/m ³):	TWA (mg/m ³):		


MET Station on Site?: Yes

START-3 Signature/Date:  12-04-13

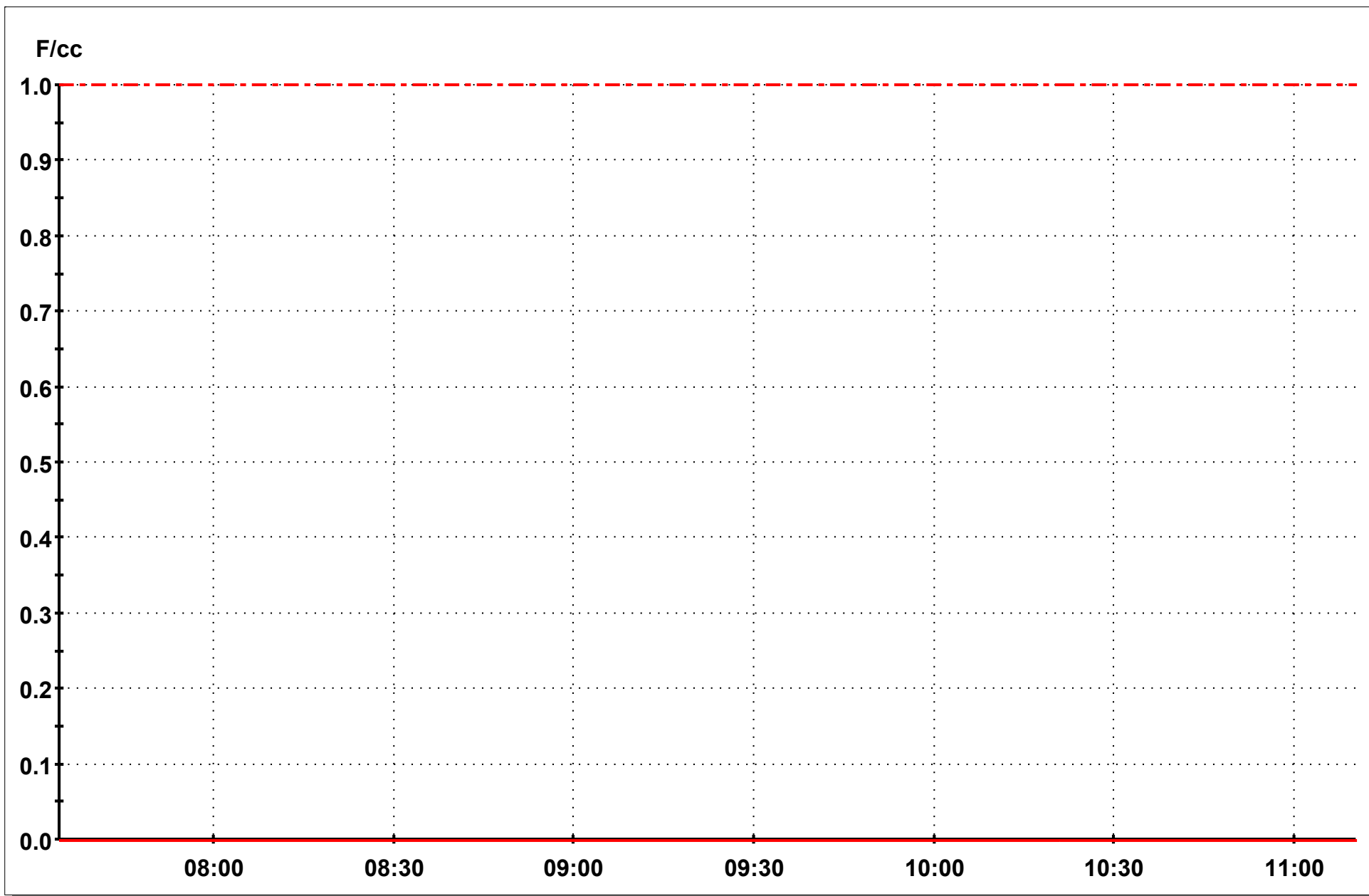
Comments:

Local Weather: ow: 40°F; High: 59°F; Winds moderate at up to 20 mph, with gusts up to 30 mph from the south/southwest early, switching to variable winds late in the day. Clear skies early with increased cloudiness late. No precipitation noted during the day.

** - Location, Station Number and Lat/Long: See GPS on file.

 - Not collected.

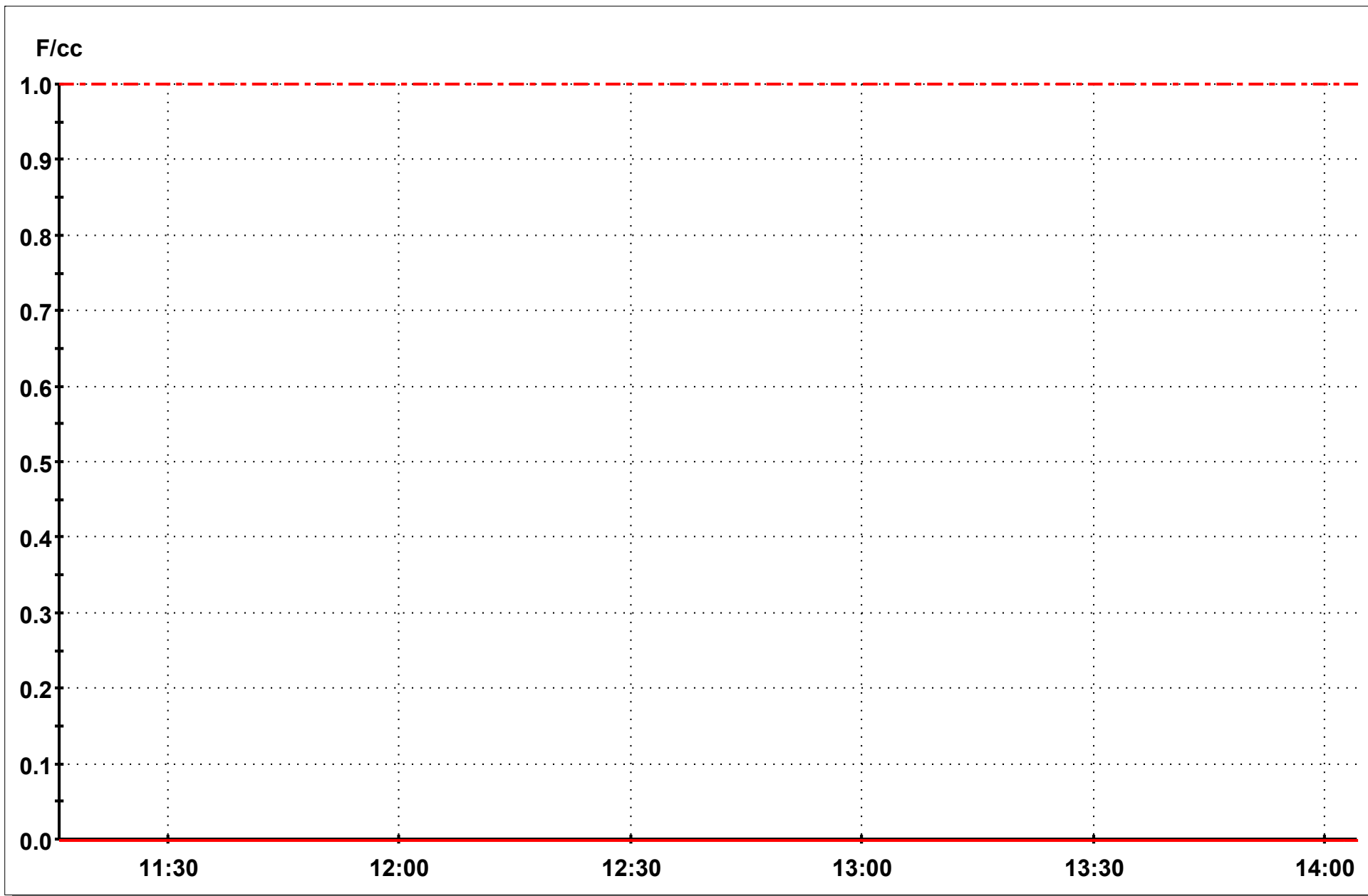
FAM-1



— Voltage - - - High Alarm

From:- 04 December 2013 07:34:16 To:- 04 December 2013 11:10:16

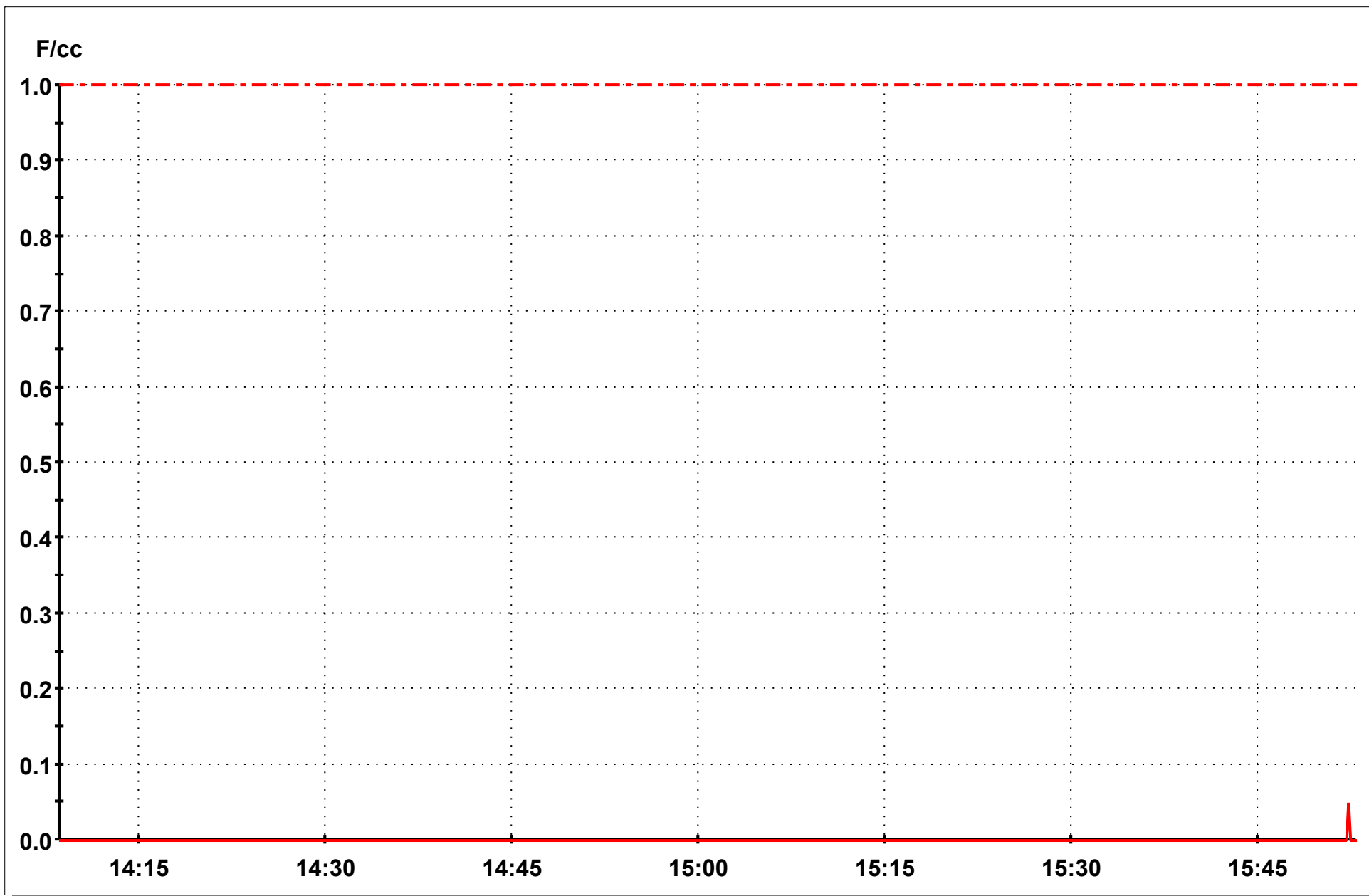
FAM-1



— Voltage - - - High Alarm

From:- 04 December 2013 11:15:53 To:- 04 December 2013 14:04:13

FAM-1



— Voltage - - - High Alarm

From:- 04 December 2013 14:08:36 To:- 04 December 2013 15:52:56

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 12/06/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 9**	Personal Data RAM	Station # 7**	Personal Data RAM	Station # **	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	7*	Monitor S/N	8*	Monitor S/N	*	Monitor S/N	11*
Location	Area A	Location	Area A	Location		Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0756	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0830	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	Conc (mg/m ³): TWA (mg/m ³):	Start Time 0825	Fibers (F/cc): 0.000
Time: 1041	Conc.(mg/m ³): 0.002 TWA (mg/m ³): 0.003	Time: 1055	Conc (mg/m ³): 0.008 TWA (mg/m ³): 0.009	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1135	Fibers (F/cc): 0.000
Time: 1320	Conc.(mg/m ³): 0.000 TWA (mg/m ³): 0.001	Time: 1335	Conc (mg/m ³): 0.009 TWA (mg/m ³): 0.002	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1345	Fibers (F/cc): 0.000
End Time 1557	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time 1610	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.005	End Time	Conc (mg/m ³): TWA (mg/m ³):	End Time 1620	Fibers (F/cc): 0.000
Total Run Time Min=	480	Total Run Time Min=	459	Total Run Time Min=		Total Run Time Min=	474
Monitor Fault	N	Monitor Fault	N	Monitor Fault		Monitor Fault	N
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.000	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.005	Daily TWA: (µg/m ³):	TWA (mg/m ³):		

MET Station on Site?: Yes

START-3 Signature/Date:



12-06-13

Comments:

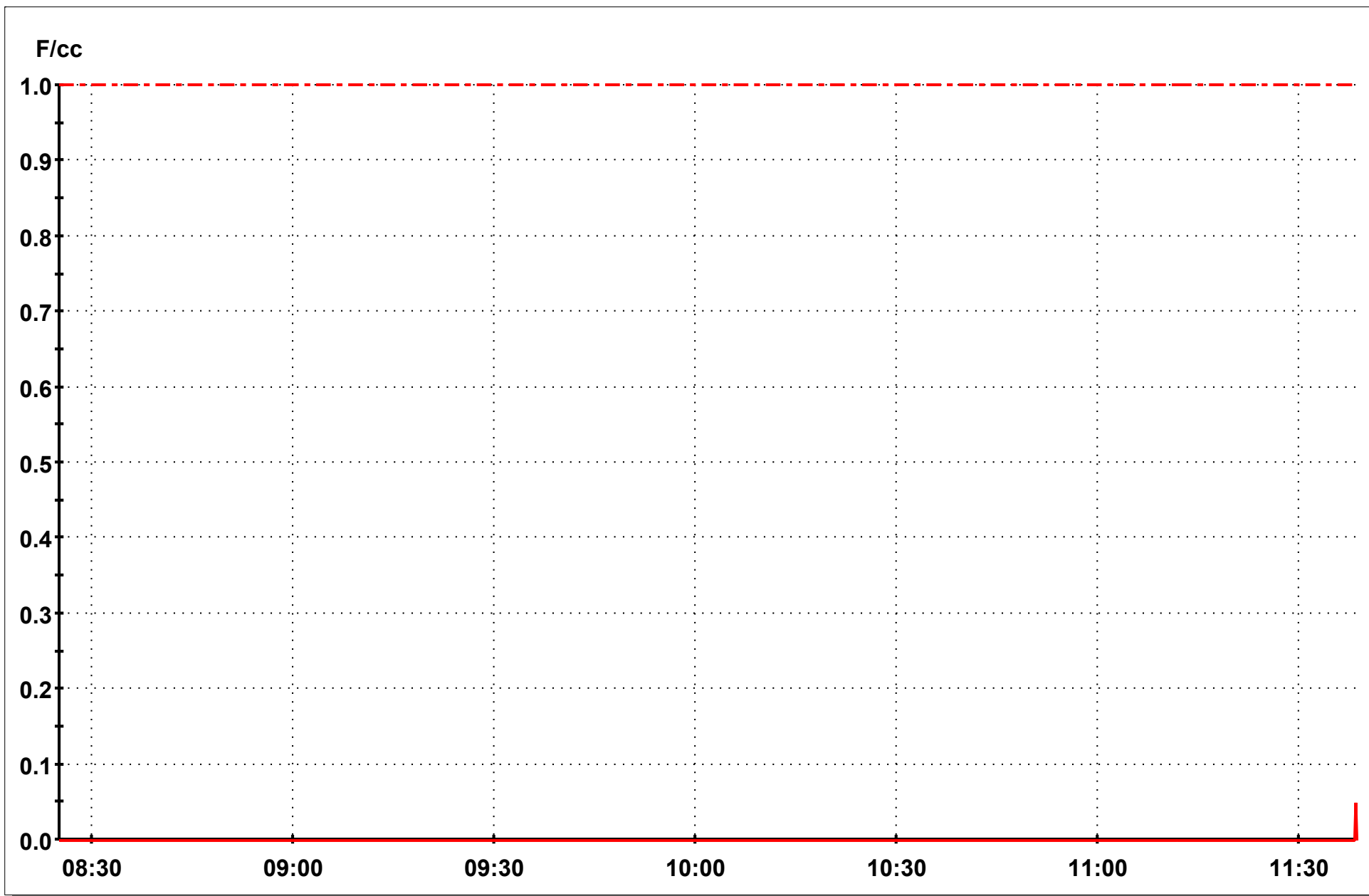
Local Weather: Low: 14°F; High: 38°F; Winds light (3-5 mph) from the south/southwest. Mostly clear skies.

* - See file for Serial Numbers and Calibration records.

** - Location, Station Number and Lat/Long: See GPS on file.

☐ - Not collected.

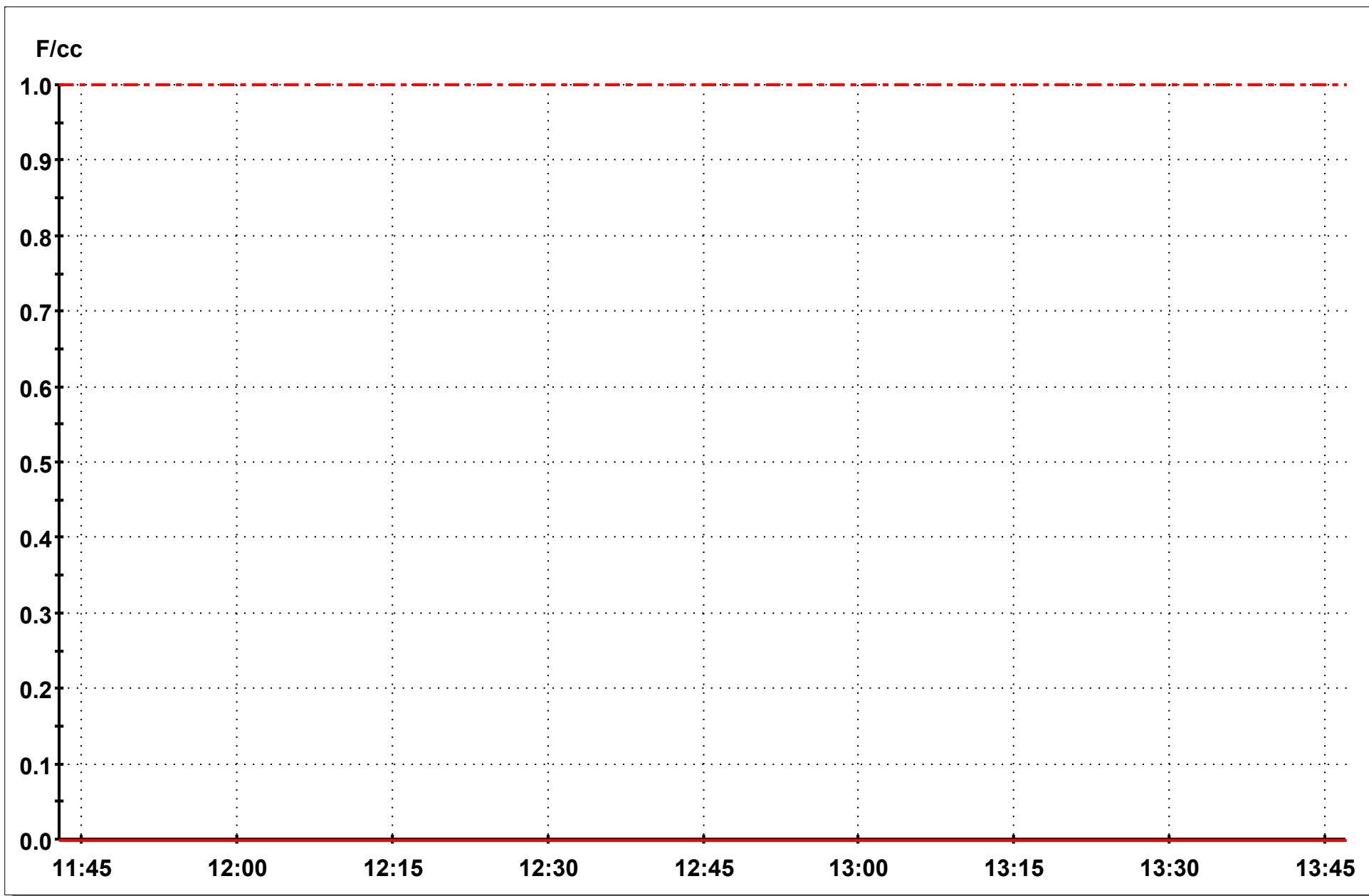
FAM-1



— Voltage - - - High Alarm

From:- 06 December 2013 08:25:06 To:- 06 December 2013 11:38:26

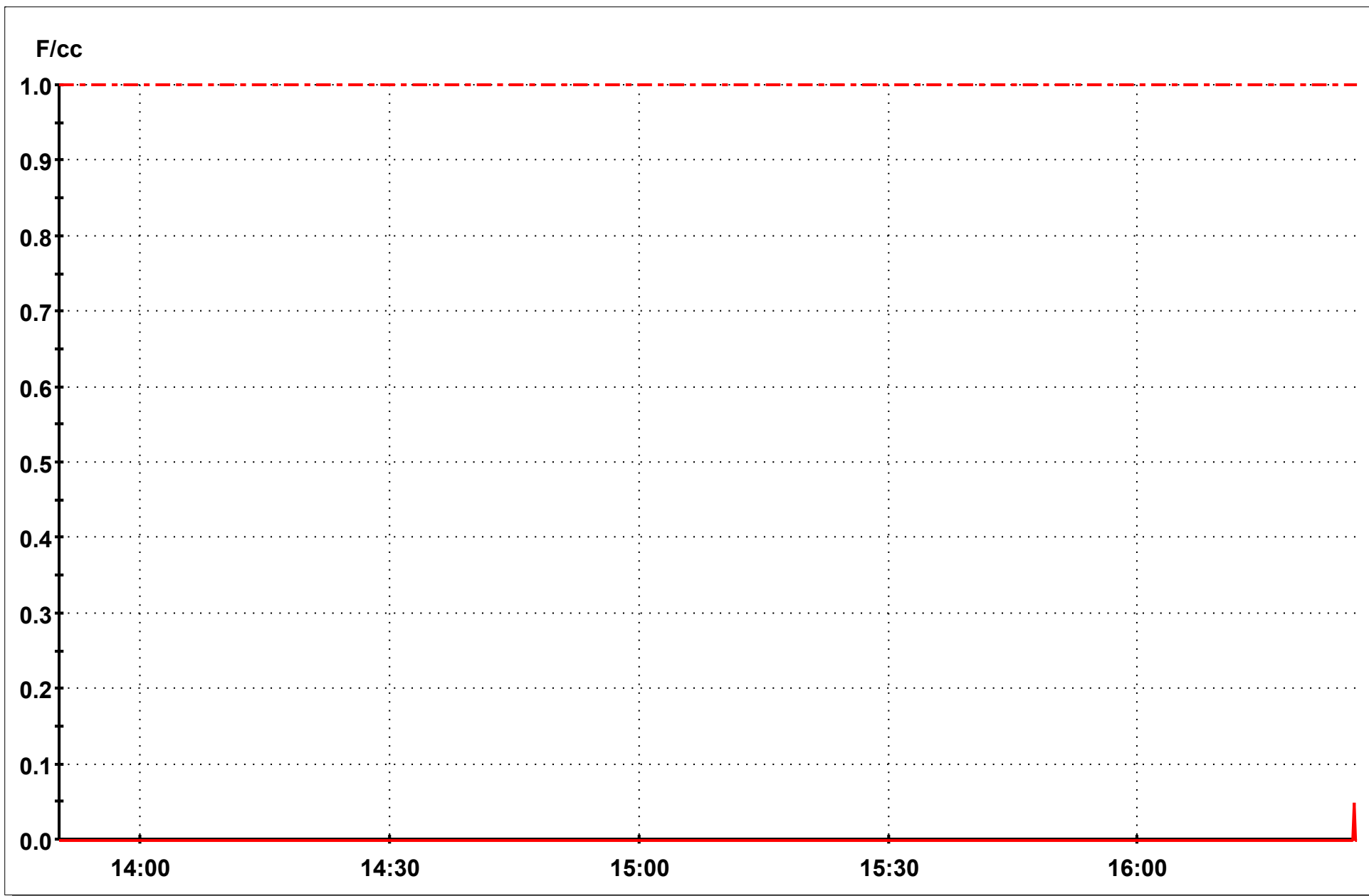
FAM-1



— Voltage - - - High Alarm

From:- 06 December 2013 11:42:50 To:- 06 December 2013 13:47:00

FAM-1



— Voltage - - - High Alarm

From:- 06 December 2013 13:50:16 To:- 06 December 2013 16:26:16

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 12/07/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 9**	Personal Data RAM	Station # **	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	7*	Monitor S/N	8*	Monitor S/N	*	Monitor S/N	11*
Location	Area A	Location	Area A	Location		Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0759	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.000	Start Time 0748	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.000	Start Time	Conc (mg/m ³): TWA (mg/m ³):	Start Time 0727	Fibers (F/cc): 0.000
Time: 1130	Conc.(mg/m ³): 0.001 TWA (mg/m ³): 0.000	Time: 1135	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.003	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1145	Fibers (F/cc): 0.000
Time: 1300	Conc.(mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time: 1355	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.000	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time: 1410	Fibers (F/cc): 0.000
End Time 1604	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time 1600	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.004	End Time	Conc (mg/m ³): TWA (mg/m ³):	End Time 1602	Fibers (F/cc): 0.000
Total Run Time Min=	485	Total Run Time Min=	492	Total Run Time Min=		Total Run Time Min=	515
Monitor Fault	N	Monitor Fault	N	Monitor Fault		Monitor Fault	N
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.000	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.000	Daily TWA: (µg/m ³):	TWA (mg/m ³):		

MET Station on Site?: Yes

START-3 Signature/Date:


 12-07-13

Comments:

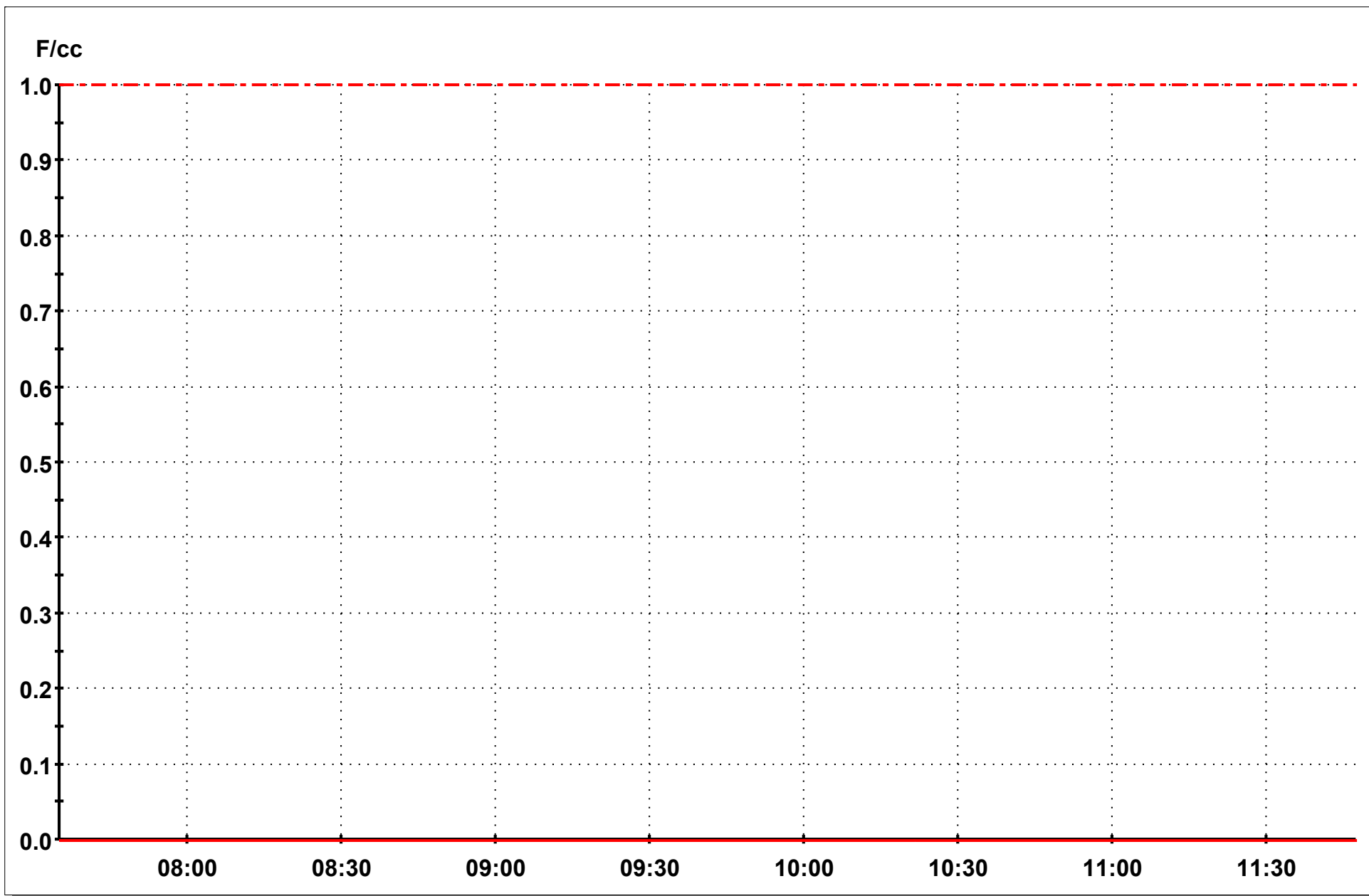
Local Weather: Low: 20°F; High: 32°F; Winds light (5-9 mph) from the south/southwest. Clear skies early, changing to overcast skies my mid-morning.

* - See equipment log for serial numbers and calibration records.

** - Location, Station Number and Lat/Long: See GPS on file.

 - Not collected.

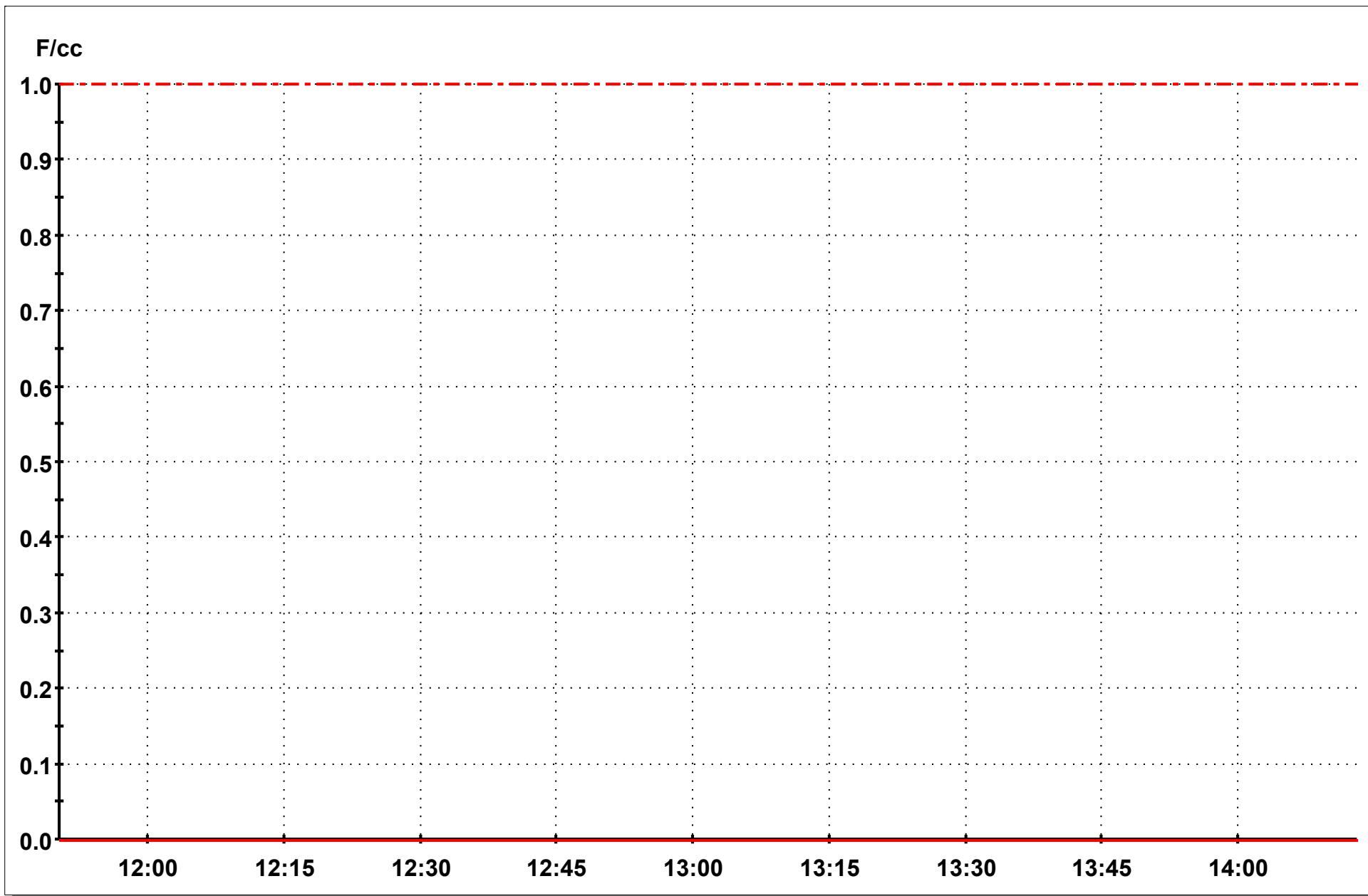
FAM-1



— Voltage - - - High Alarm

From:- 07 December 2013 07:35:04 To:- 07 December 2013 11:47:34

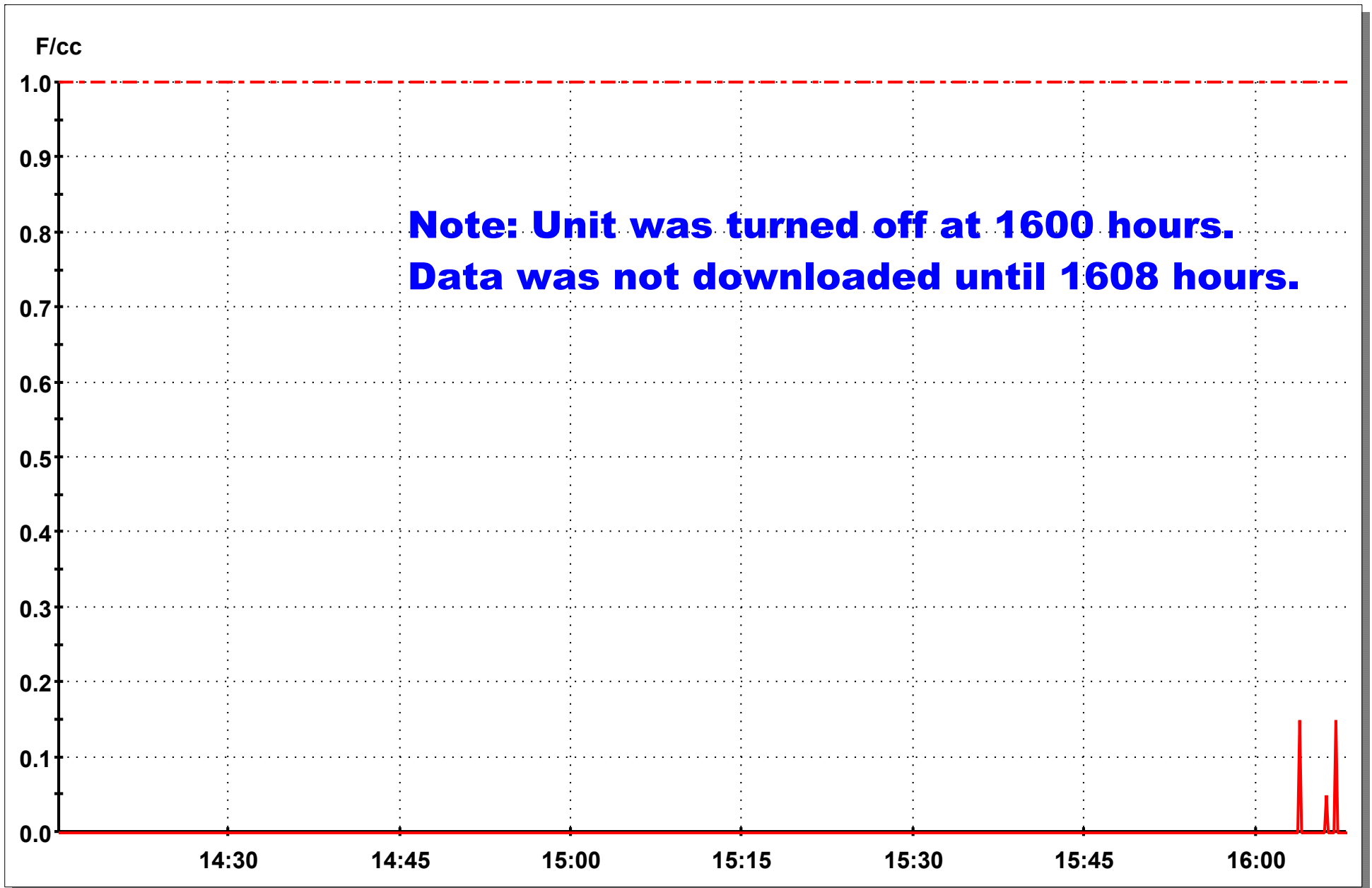
FAM-1



— Voltage - - - High Alarm

From:- 07 December 2013 11:50:15 To:- 07 December 2013 14:13:05

FAM-1



— Voltage - - - High Alarm

From:- 07 December 2013 14:15:09 To:- 07 December 2013 16:07:59

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho/John Koehnen
 Date: 12/09/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 2**	Personal Data RAM	Station # 9**	Personal Data RAM	Station # **	Personal Data RAM	Station # 4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor # (S/N)	7*	Monitor S/N	8*	Monitor S/N	*	Monitor S/N	11*
Location	Area A	Location	Area A	Location		Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0731	Conc (mg/m ³): 0.00 TWA (mg/m ³): 0.00	Start Time 0740	Conc (mg/m ³): 0.00 TWA (mg/m ³): 0.00	Start Time	Conc (mg/m ³): TWA (mg/m ³):	Start Time 0725	Fibers (F/cc): 0.000
Time:	Conc.(mg/m ³): 0.00 TWA (mg/m ³): 0.00	Time:	Conc (mg/m ³): 0.00 TWA (mg/m ³): 0.00	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time:	Fibers (F/cc): 0.000
Time:	Conc.(mg/m ³): 0.00 TWA (mg/m ³): 0.00	Time:	Conc (mg/m ³): 0.00 TWA (mg/m ³): 0.00	Time:	Conc (mg/m ³): TWA (mg/m ³):	Time:	Fibers (F/cc): 0.000
End Time 1555	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.017	End Time 1600	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.094	End Time	Conc (mg/m ³): TWA (mg/m ³):	End Time 1605	Fibers (F/cc): 0.000
Total Run Time Min=	503	Total Run Time Min=	499	Total Run Time Min=		Total Run Time Min=	519
Monitor Fault	N	Monitor Fault	N	Monitor Fault		Monitor Fault	N
Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.017	Daily TWA: (µg/m ³):	TWA (mg/m ³): 0.094	Daily TWA: (µg/m ³):	TWA (mg/m ³):		

MET Station on Site?: Yes


START-3 Signature/Date:  12-09-13

Comments:

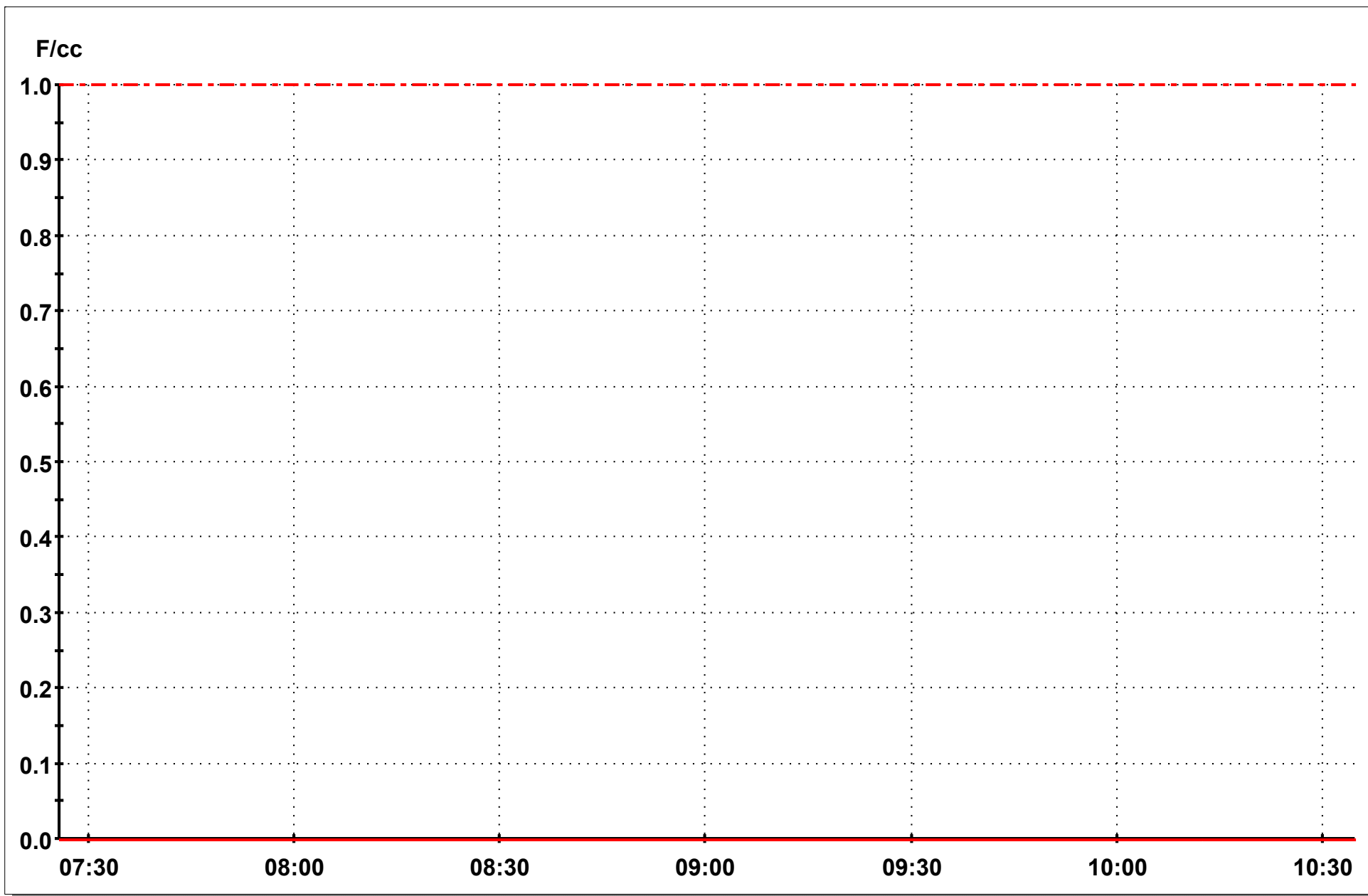
Local Weather: Low: 25°F; High: 30°F; Winds variable 9 - 18 mph from the northwest. Cloudy skies.

* - See equipment log for serial numbers and calibration records.

** - Location, Station Number and Lat/Long: See GPS on file.

 - Not collected.

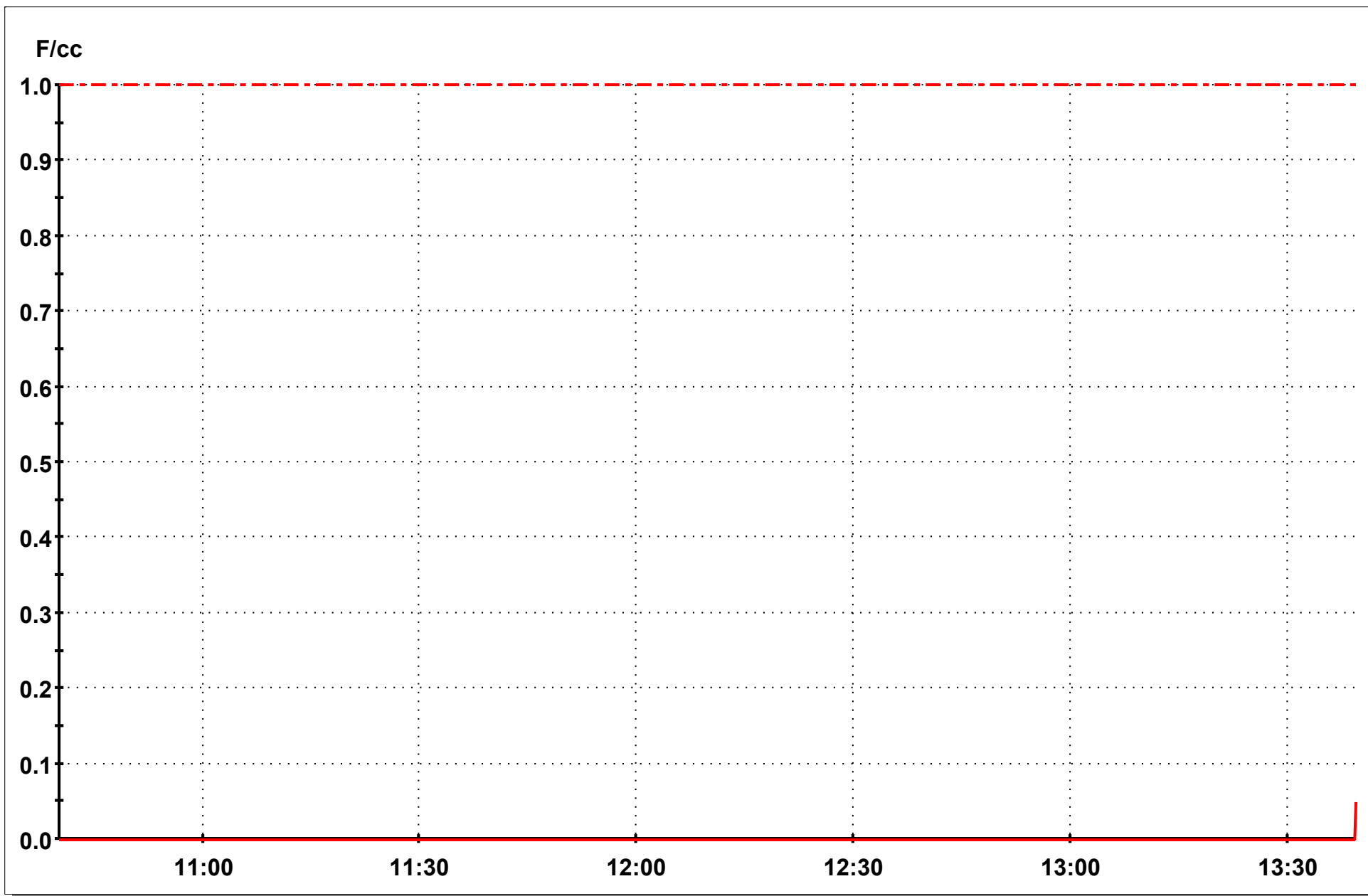
FAM-1



— Voltage - - - High Alarm

From:- 09 December 2013 07:25:49 To:- 09 December 2013 10:34:39

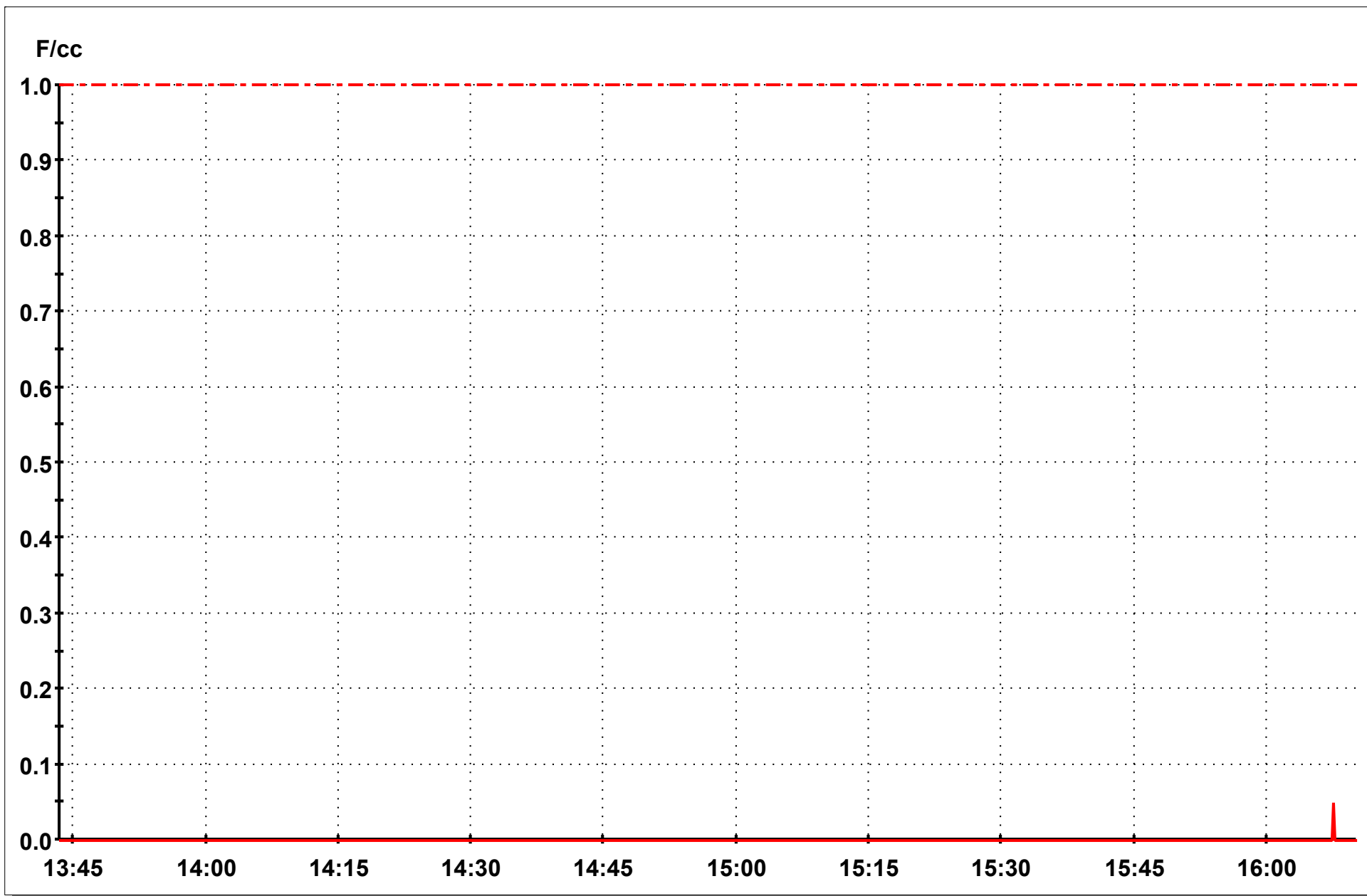
FAM-1



— Voltage - - - High Alarm

From:- 09 December 2013 10:40:14 To:- 09 December 2013 13:39:14

FAM-1



— Voltage - - - High Alarm


From:- 09 December 2013 13:43:28 To:- 09 December 2013 16:10:08

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 12/10/13

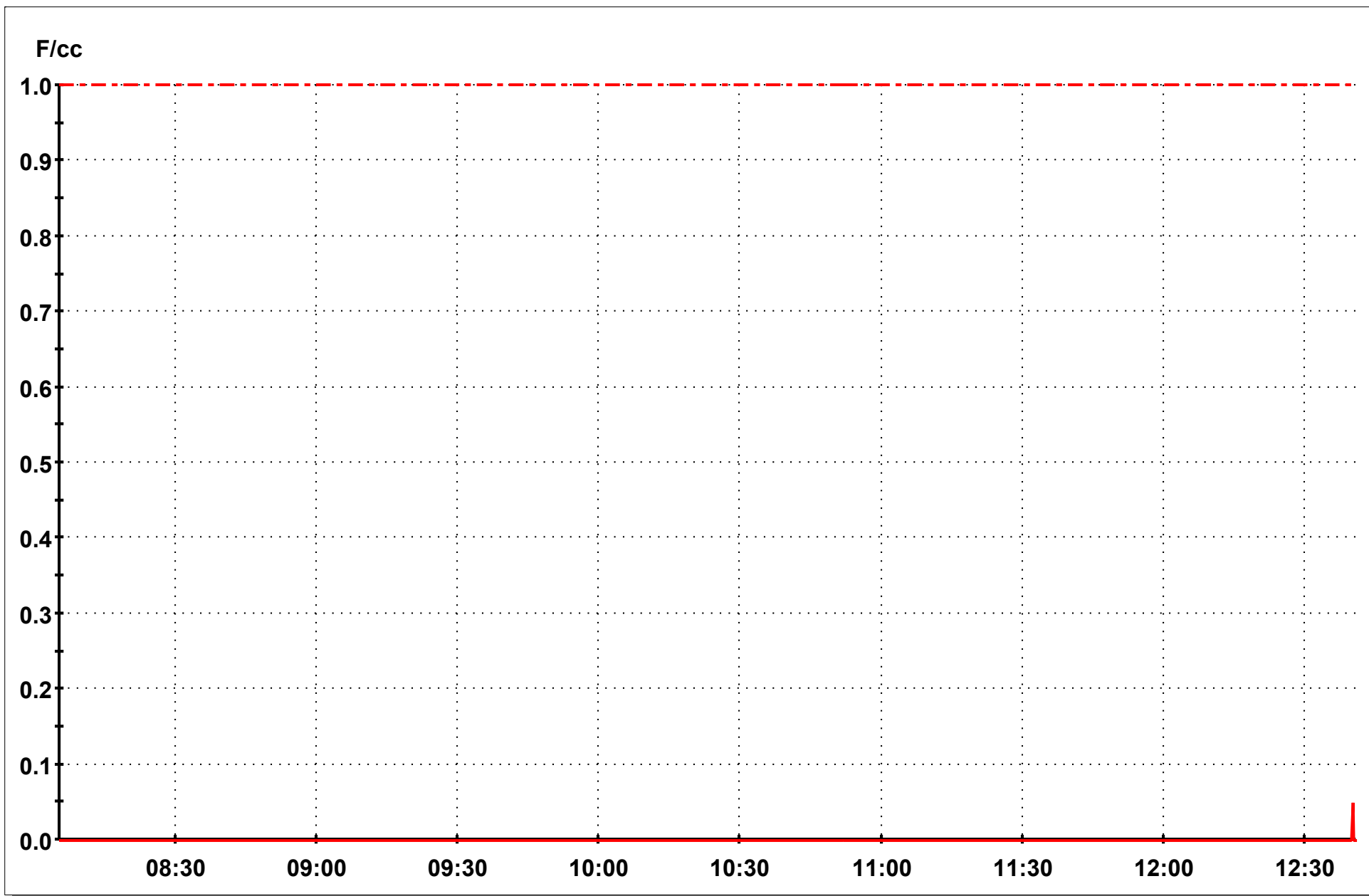
TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0739	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.000	Start Time	0742	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.000	Start Time	0750	Fibers (F/cc): 0.000
Time:	1240	Conc (mg/m ³): 0.015 TWA (mg/m ³): 0.011	Time:	1241	Conc (mg/m ³): 0.021 TWA (mg/m ³): 0.011	Time:	1320	Fibers (F/cc): 0.000
End Time	1535	Conc (mg/m ³): 0.006 TWA (mg/m ³): 0.005	End Time	1539	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.008	End Time	1553	Fibers (F/cc): 0.000
Total Run Time (Min.)		475	Total Run Time (Min.)		476	Total Run Time Min=		482
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes	START-3 Signature/Date: 	12-10-13
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Comments:
 Local Weather: Low: 12°F; High: 30°F; Winds variable light at 4-6 mph from the north/northwest. Mostly clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

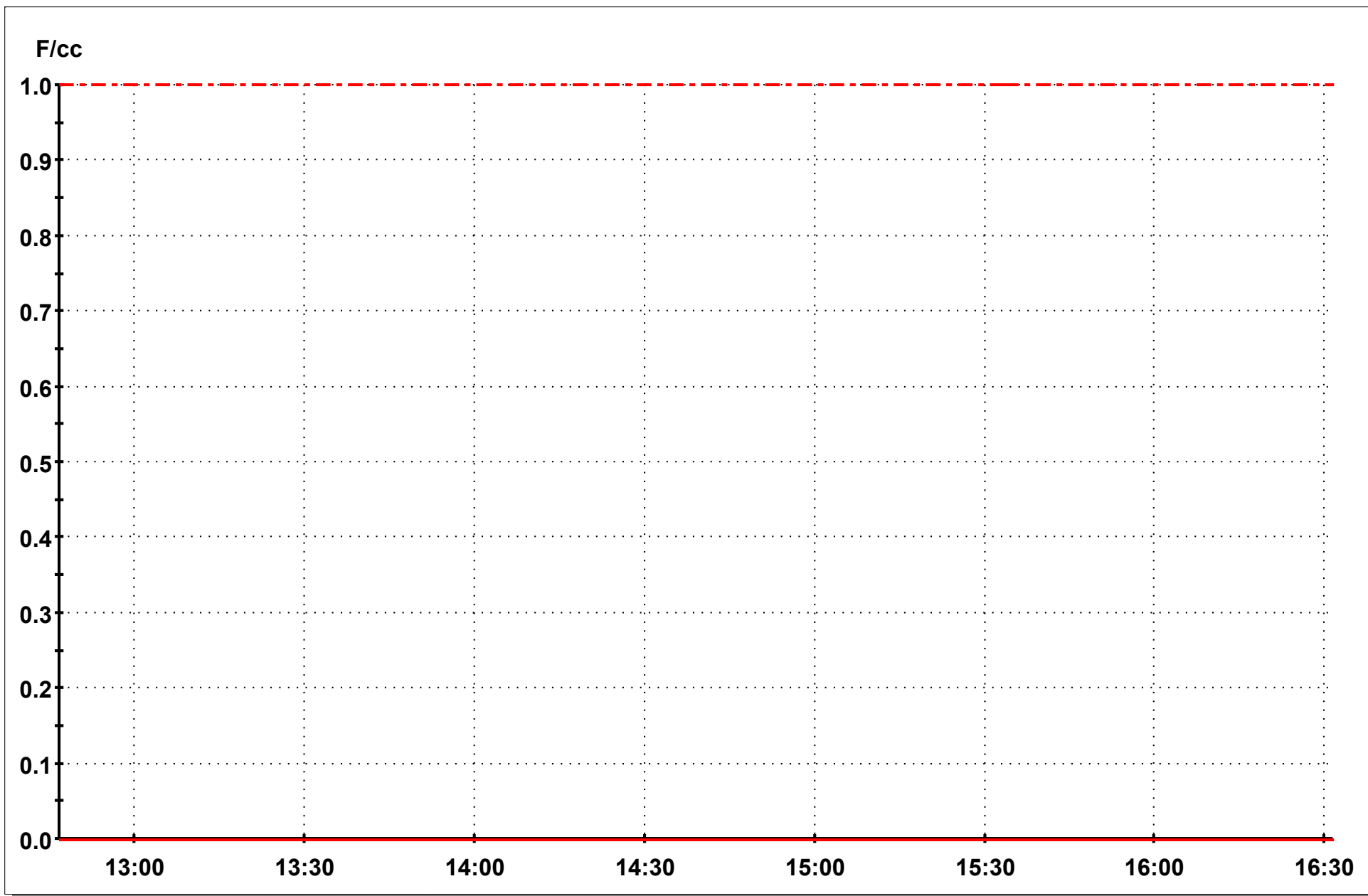
FAM-1



— Voltage - - - High Alarm

From:- 10 December 2013 08:05:18 To:- 10 December 2013 12:40:58

FAM-1



— Voltage - - - High Alarm

From:- 10 December 2013 12:46:47 To:- 10 December 2013 16:31:27


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 12/11/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0752	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.000	Start Time	0748	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.000	Start Time	0750	Fibers (F/cc): 0.000
Time:	1253	Conc (mg/m ³): 0.015 TWA (mg/m ³): 0.011	Time:	1252	Conc (mg/m ³): 0.021 TWA (mg/m ³): 0.011	Time:	1250	Fibers (F/cc): 0.000
End Time	1611	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.003	End Time	1620	Conc (mg/m ³): 0.018 TWA (mg/m ³): 0.034	End Time	1620	Fibers (F/cc): 0.000
Total Run Time (Min.)		503	Total Run Time (Min.)		508	Total Run Time Min=		510
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

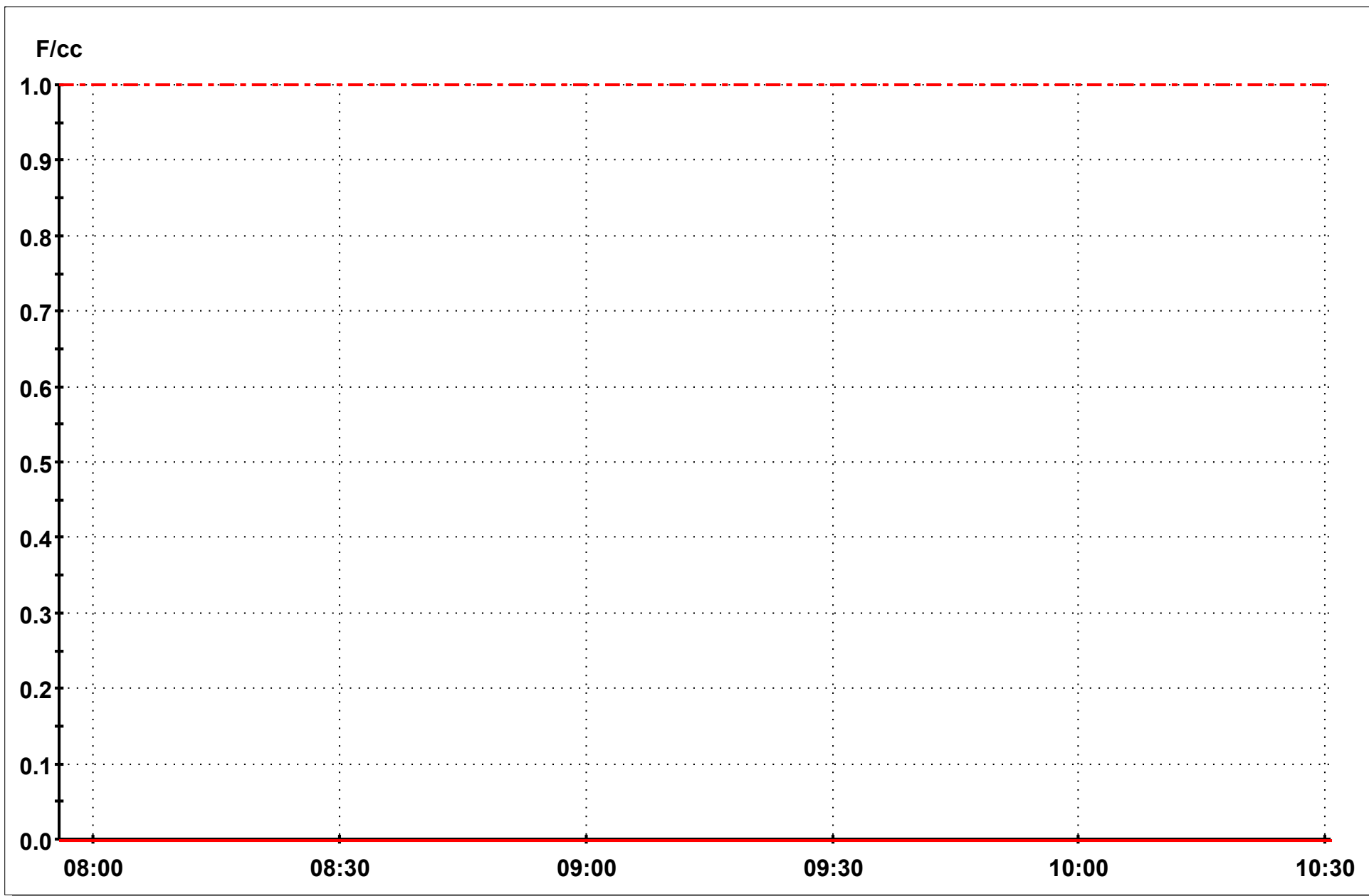
MET Station on Site?: Yes

START-3 Signature/Date:  12-11-13

Comments:
 Local Weather: Low: 20°F; High: 42°F; Winds variable at 3 - 5 mph from the north/northwest. Mostly clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.

- Not collected.

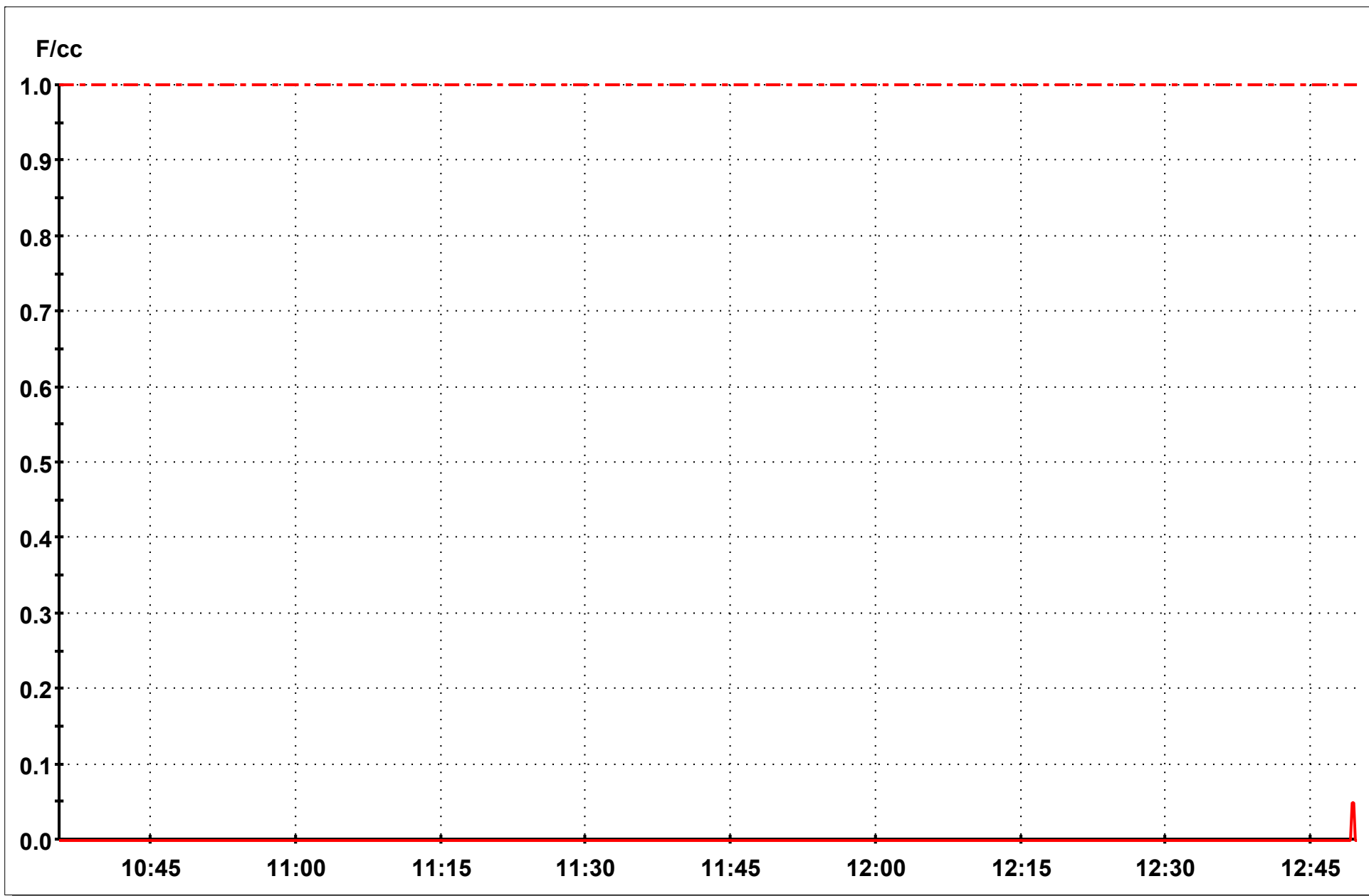
FAM-1



— Voltage - - - High Alarm

From:- 11 December 2013 07:55:58 To:- 11 December 2013 10:30:38

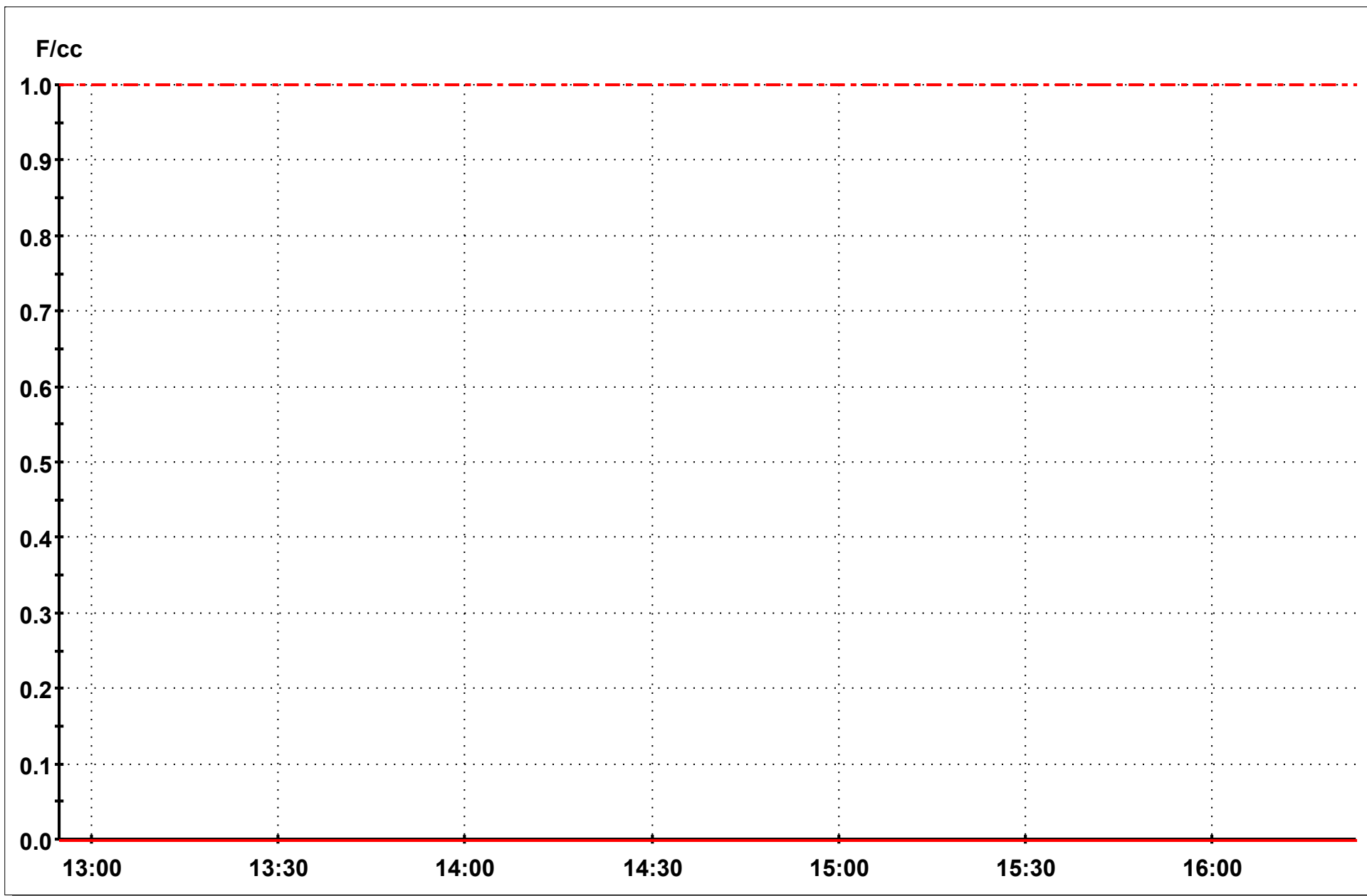
FAM-1



— Voltage - - - High Alarm

From:- 11 December 2013 10:35:32 To:- 11 December 2013 12:49:42

FAM-1



— Voltage - - - High Alarm

From:- 11 December 2013 12:54:46 To:- 11 December 2013 16:23:06


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 12/12/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0733	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0740	Conc (mg/m ³): 0.005 TWA (mg/m ³): 0.000	Start Time	0755	Fibers (F/cc): 0.000
Time:	1257	Conc (mg/m ³): 0.013 TWA (mg/m ³): 0.021	Time:	1255	Conc (mg/m ³): 0.011 TWA (mg/m ³): 0.016	Time:	1300	Fibers (F/cc): 0.000
End Time	1620	Conc (mg/m ³): 0.018 TWA (mg/m ³): 0.018	End Time	1625	Conc (mg/m ³): 0.031 TWA (mg/m ³): 0.018	End Time	1630	Fibers (F/cc): 0.000
Total Run Time (Min.)		527	Total Run Time (Min.)		525	Total Run Time Min=		515
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  12-12-13

Comments:
 Local Weather: Low: 24°F; High: 42°F; Winds variable at 0 - 3 mph from the north/northwest. Mostly clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

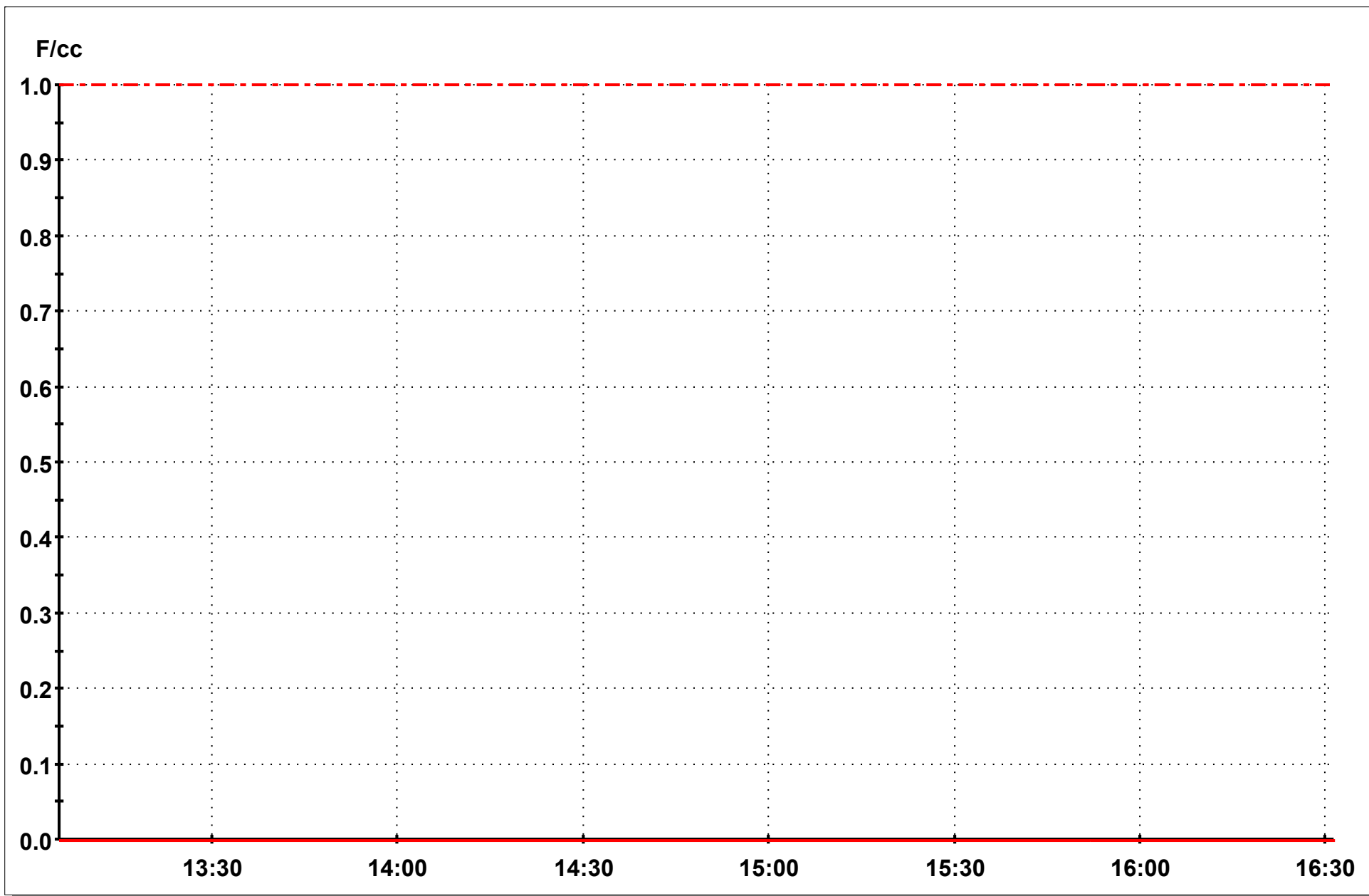
FAM-1



— Voltage - - - High Alarm

From:- 12 December 2013 07:30:33 To:- 12 December 2013 12:59:43

FAM-1



— Voltage - - - High Alarm

From:- 12 December 2013 13:05:20 To:- 12 December 2013 16:31:20


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 12/13/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

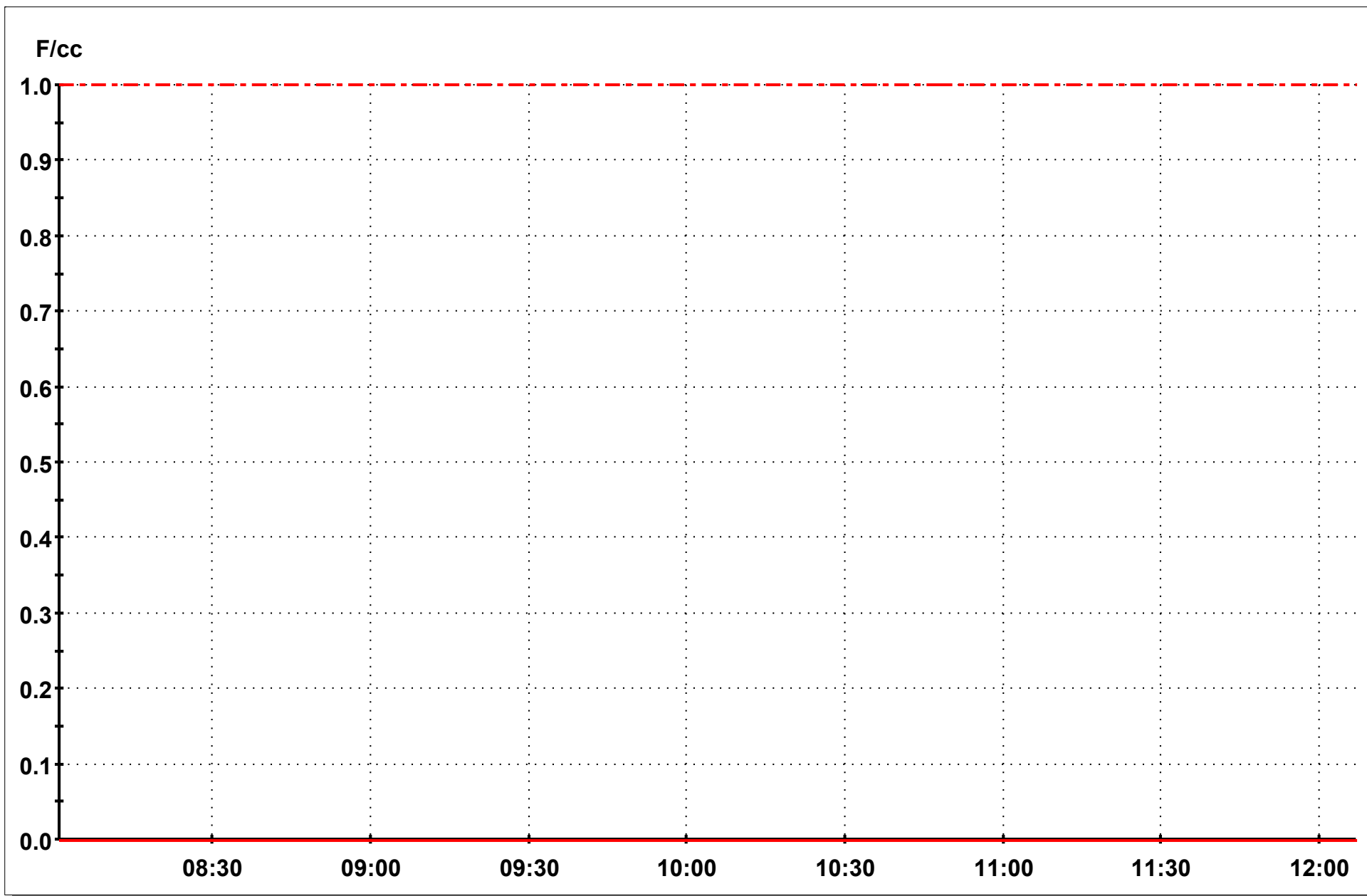
Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0750	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.000	Start Time	0746	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.000	Start Time	0752	Fibers (F/cc): 0.000
Time:	1128	Conc (mg/m ³): 0.006 TWA (mg/m ³): 0.011	Time:	1155	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.009	Time:	1205	Fibers (F/cc): 0.000
End Time	1600	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1603	Conc (mg/m ³): 0.006 TWA (mg/m ³): 0.003	End Time	1600	Fibers (F/cc): 0.000
Total Run Time (Min.)		490	Total Run Time (Min.)		497	Total Run Time Min=		497
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  12-13-13

Comments:
 Local Weather: Low: 31°F; High: 42°F; Winds variable at 4 - 5 mph, from the west/northwest. Cloudy skies early, clearing late morning.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

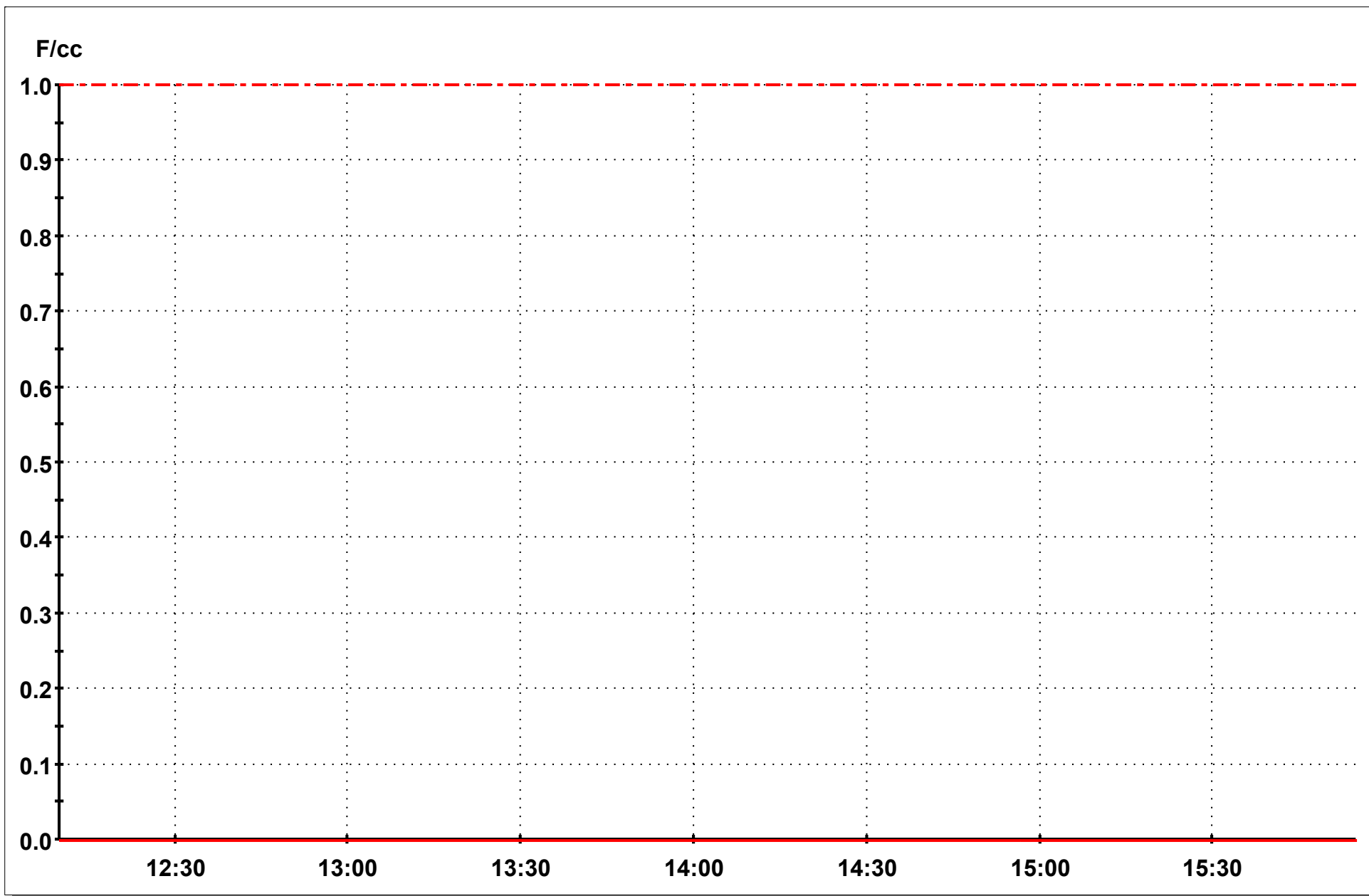
FAM-1



— Voltage - - - High Alarm

From:- 13 December 2013 08:00:59 To:- 13 December 2013 12:06:59

FAM-1



— Voltage - - - High Alarm

From:- 13 December 2013 12:10:00 To:- 13 December 2013 15:54:50


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 12/14/13

TDD#: 1/Dynamac-077-013-01
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

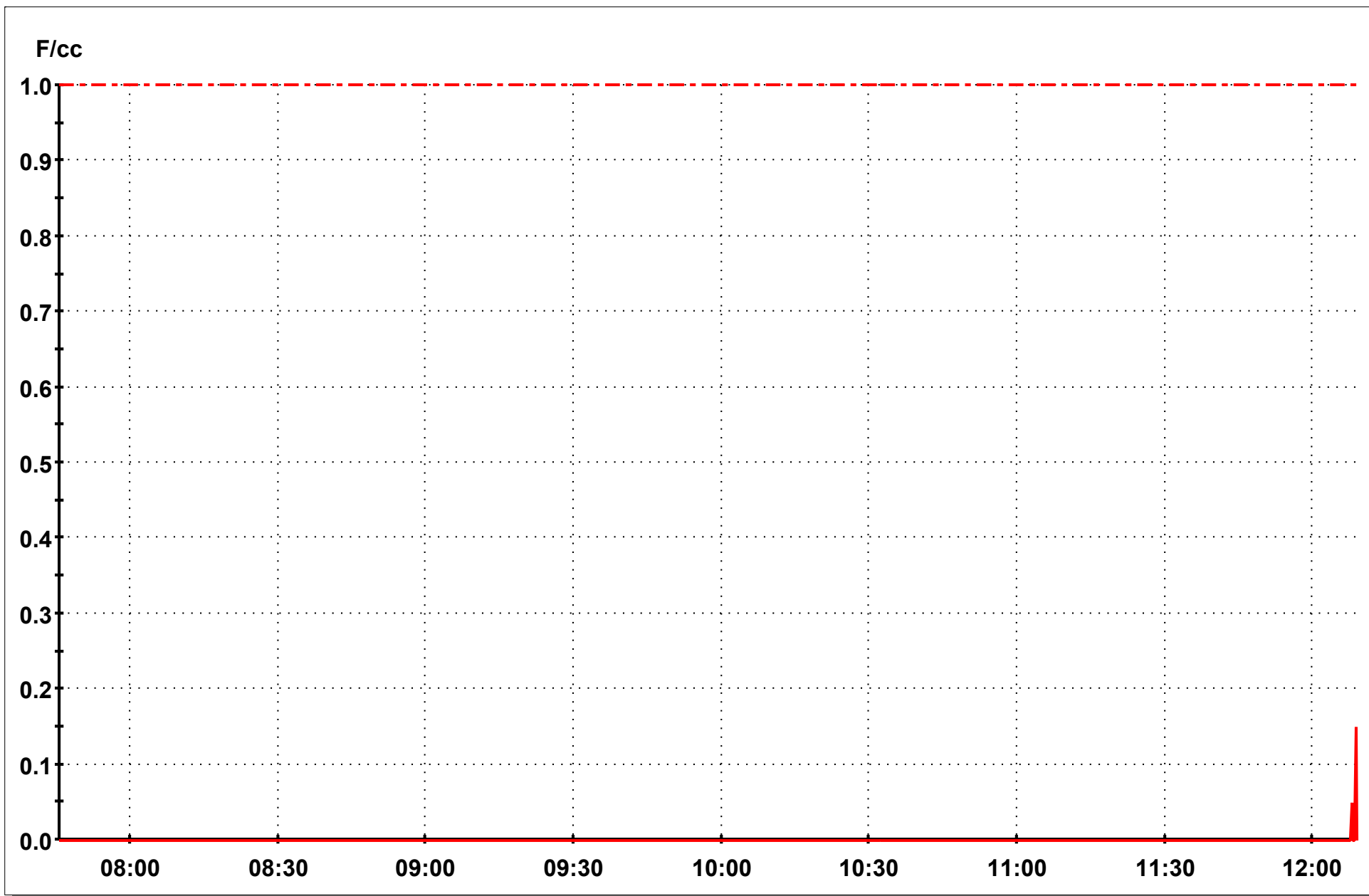
Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		9*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0800	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0746	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.000	Start Time	0752	Fibers (F/cc): 0.000
Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:		Fibers (F/cc): 0.000
End Time	1133	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1135	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1210	Fibers (F/cc): 0.000
Total Run Time (Min.)		213	Total Run Time (Min.)		229	Total Run Time Min=		258
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  12-14-13

Comments:
 Local Weather: Low: 26°F; High: 42°F; Winds variable at 4 - 5 mph, from the north/northwest. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 14 December 2013 07:45:43 To:- 14 December 2013 12:08:53


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 12/16/13

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

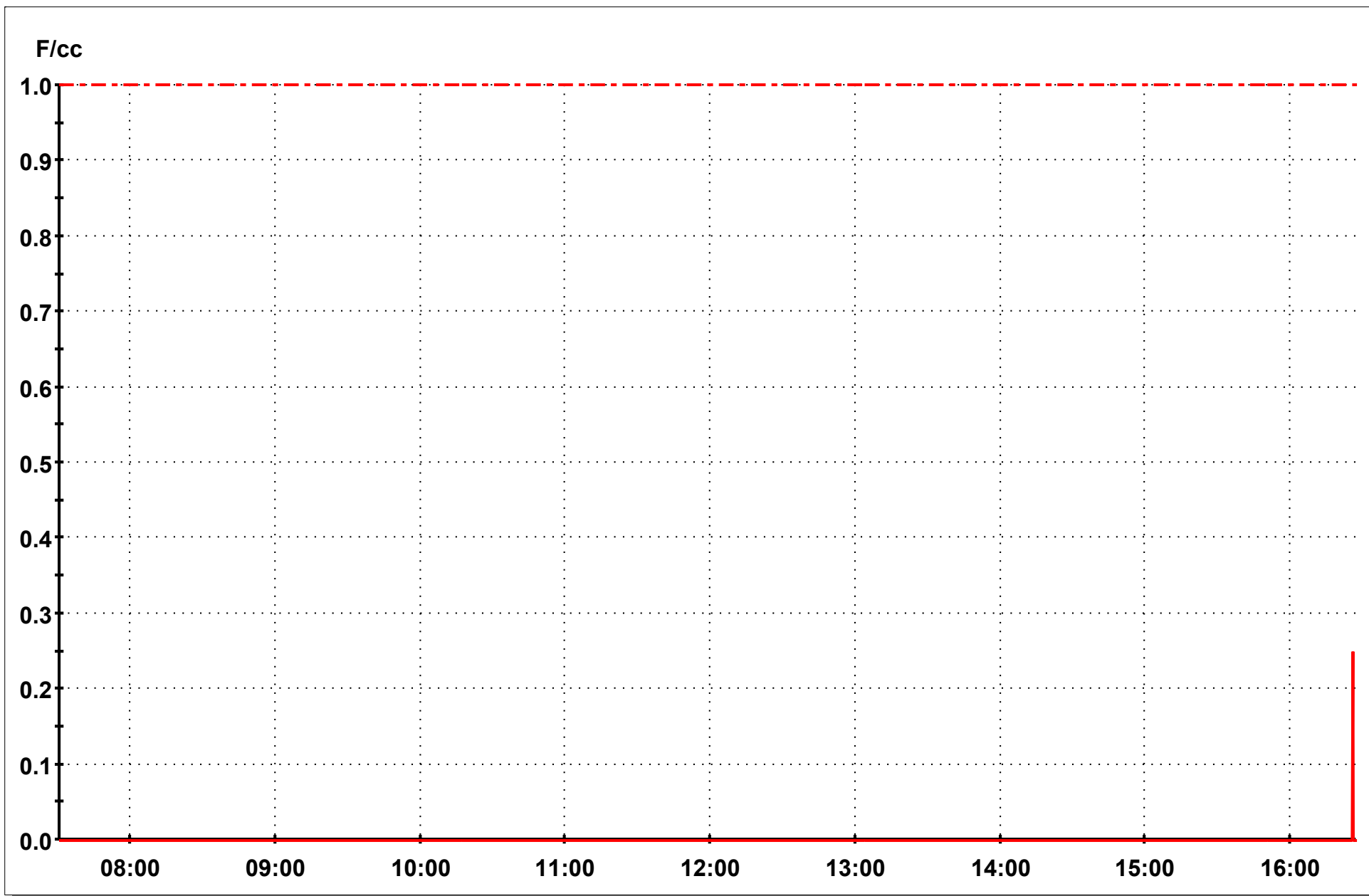
Station #	1**	Personal Data RAM	Station #	9**	Personal Data RAM	Station #	4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0748	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	1044	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0730	Fibers (F/cc): 0.000
Time:	1205	Conc (mg/m ³): TWA (mg/m ³):	Time:	1208	Conc (mg/m ³): TWA (mg/m ³):	Time:		Fibers (F/cc):
End Time	1606	Conc (mg/m ³): 0.028 TWA (mg/m ³): 0.000	End Time	1615	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1617	Fibers (F/cc): 0.000
Total Run Time (Min.)		498	Total Run Time (Min.)		331	Total Run Time Min=		527
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  12-16-13

Comments:
 Local Weather: Low: 28°F; High: 58°F; Winds variable at 5 - 6 mph, from the north/northwest. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 16 December 2013 07:30:44 To:- 16 December 2013 16:27:14


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 12/17/13

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

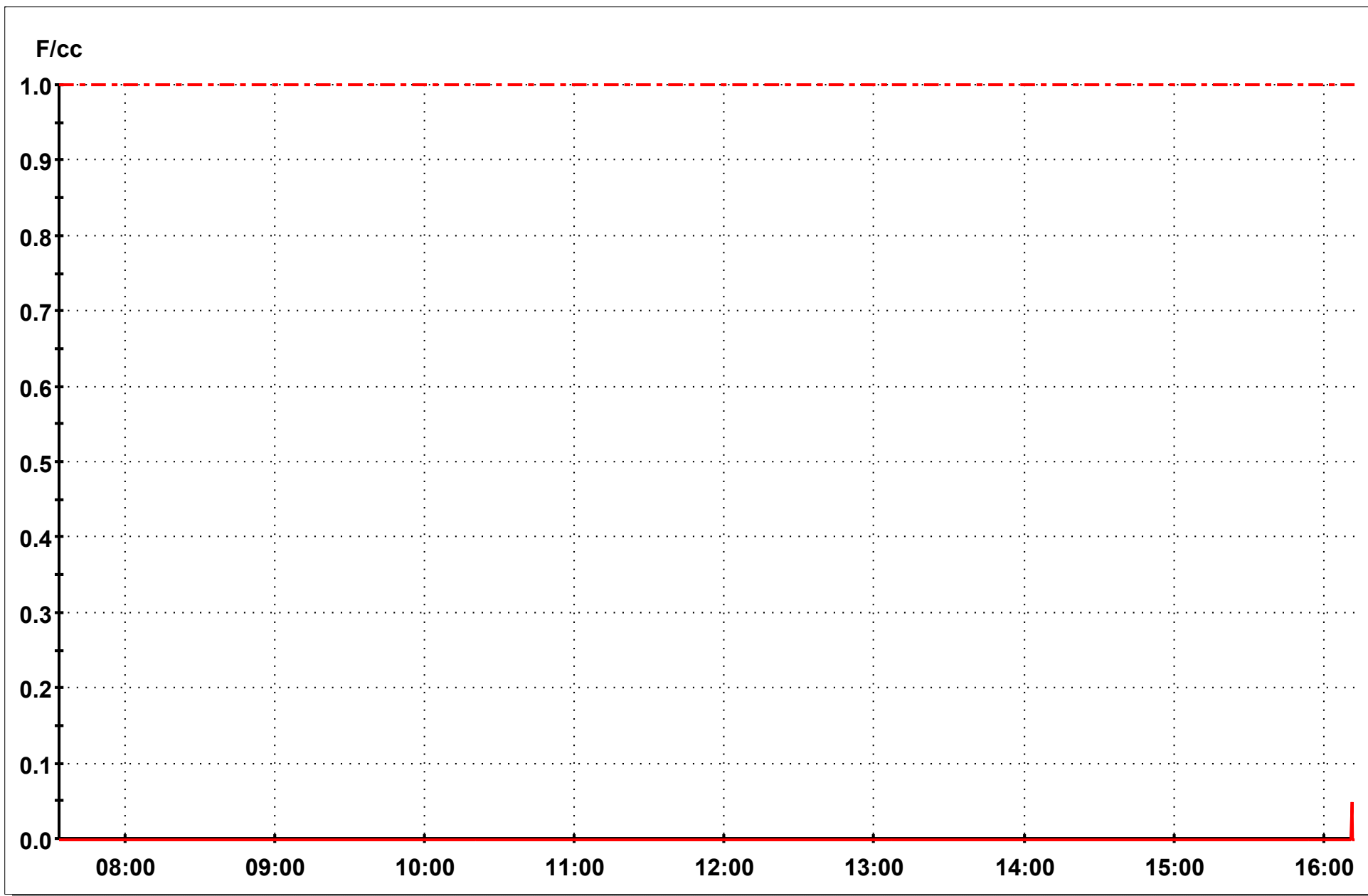
Station #	1**	Personal Data RAM	Station #	2**	Personal Data RAM	Station #	4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0735	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0737	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0722	Fibers (F/cc): 0.000
Time:	1154	Conc (mg/m ³): 0.032 TWA (mg/m ³): 0.023	Time:	1158	Conc (mg/m ³): 0.023 TWA (mg/m ³): 0.012	Time:		Fibers (F/cc):
End Time	1558	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.015	End Time	1556	Conc (mg/m ³): 0.057 TWA (mg/m ³): 0.029	End Time	1610	Fibers (F/cc): 0.000
Total Run Time (Min.)		503	Total Run Time (Min.)		499	Total Run Time Min=		528
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  12-17-13

Comments:
 Local Weather: 29°F; High: 60°F; Winds variable at 5 - 6 mph, from the north/northwest. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 17 December 2013 07:33:49 To:- 17 December 2013 16:11:49


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 12/18/13

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

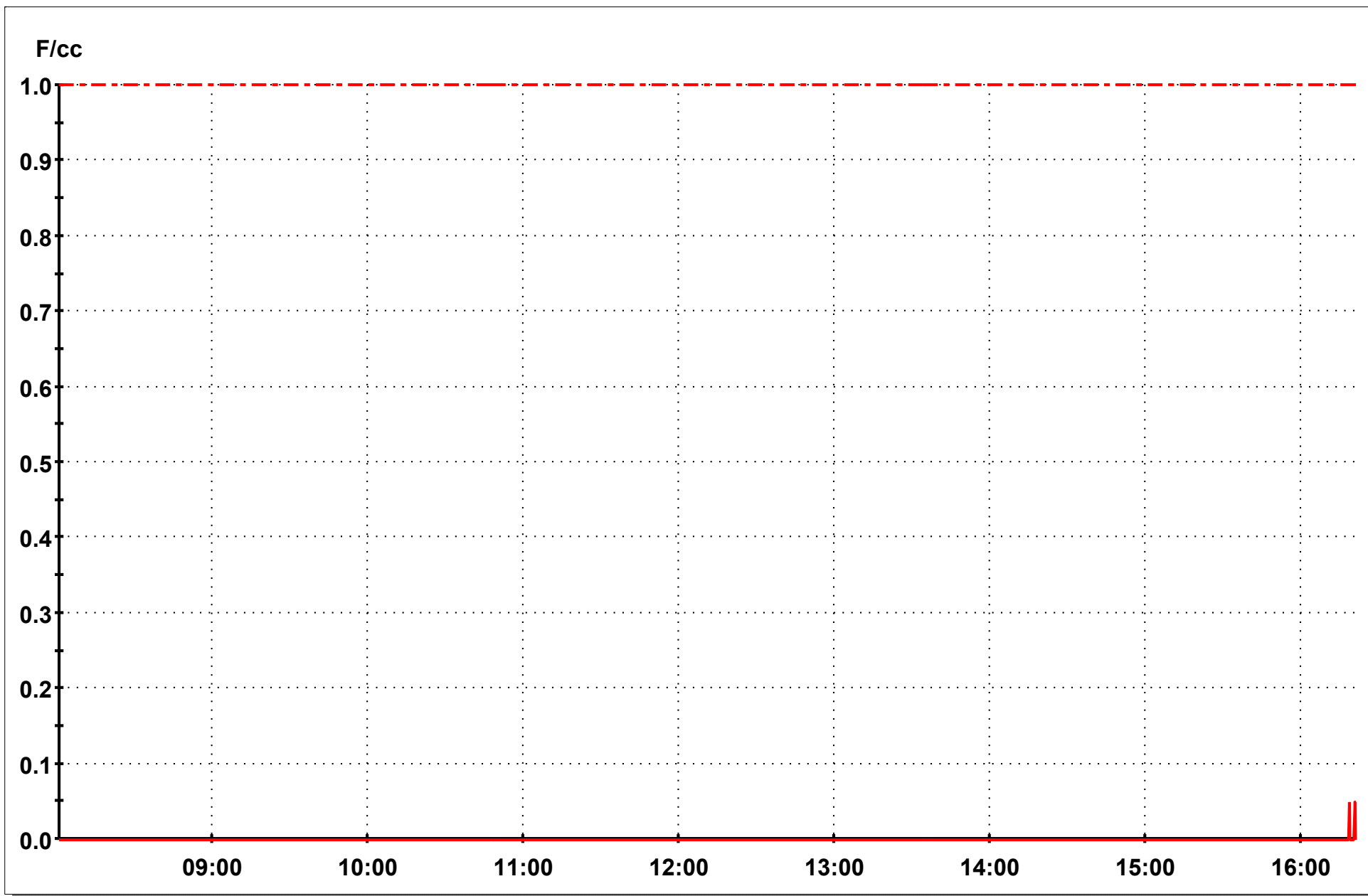
Station #	1**	Personal Data RAM	Station #	2**	Personal Data RAM	Station #	4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		9*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0740	Conc (mg/m ³): 0.005 TWA (mg/m ³): 0.000	Start Time	0742	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0801	Fibers (F/cc): 0.000
Time:	1205	Conc (mg/m ³): 0.021 TWA (mg/m ³): 0.018	Time:	1203	Conc (mg/m ³): 0.013 TWA (mg/m ³): 0.008	Time:		Fibers (F/cc):
End Time	1605	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.020	End Time	1601	Conc (mg/m ³): 0.005 TWA (mg/m ³): 0.008	End Time	1610	Fibers (F/cc): 0.000
Total Run Time (Min.)		504	Total Run Time (Min.)		499	Total Run Time Min=		489
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  12-18-13

Comments:
 Local Weather: Low: 28°F; High: 58°F; Winds variable at 5 - 6 mph, from the south. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 18 December 2013 08:00:52 To:- 18 December 2013 16:20:42


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 12/19/13

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

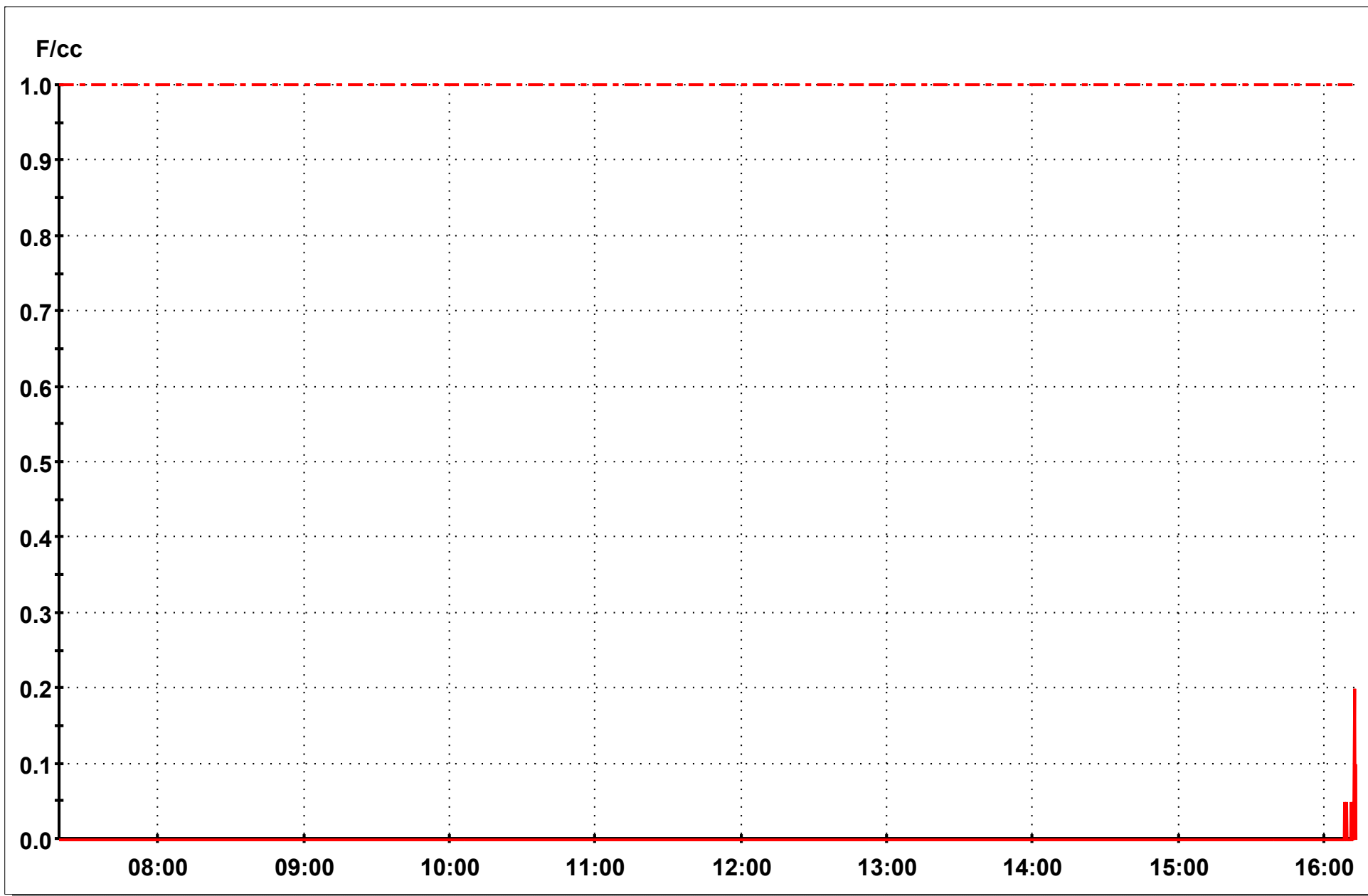
Station #	1**	Personal Data RAM	Station #	2**	Personal Data RAM	Station #	4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0735	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0731	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0715	Fibers (F/cc): 0.000
Time:	1130	Conc (mg/m ³): 0.008 TWA (mg/m ³): 0.005	Time:	1133	Conc (mg/m ³): 0.007 TWA (mg/m ³): 0.000	Time:		Fibers (F/cc):
End Time	1600	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.004	End Time	1600	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1615	Fibers (F/cc): 0.000
Total Run Time (Min.)		505	Total Run Time (Min.)		509	Total Run Time Min=		540
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  12-19-13

Comments:
 Local Weather: Low: 30°F; High: 58°F; Winds variable at 6 - 7 mph, from the south. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 19 December 2013 07:19:22 To:- 19 December 2013 16:12:42


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 12/20/13

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

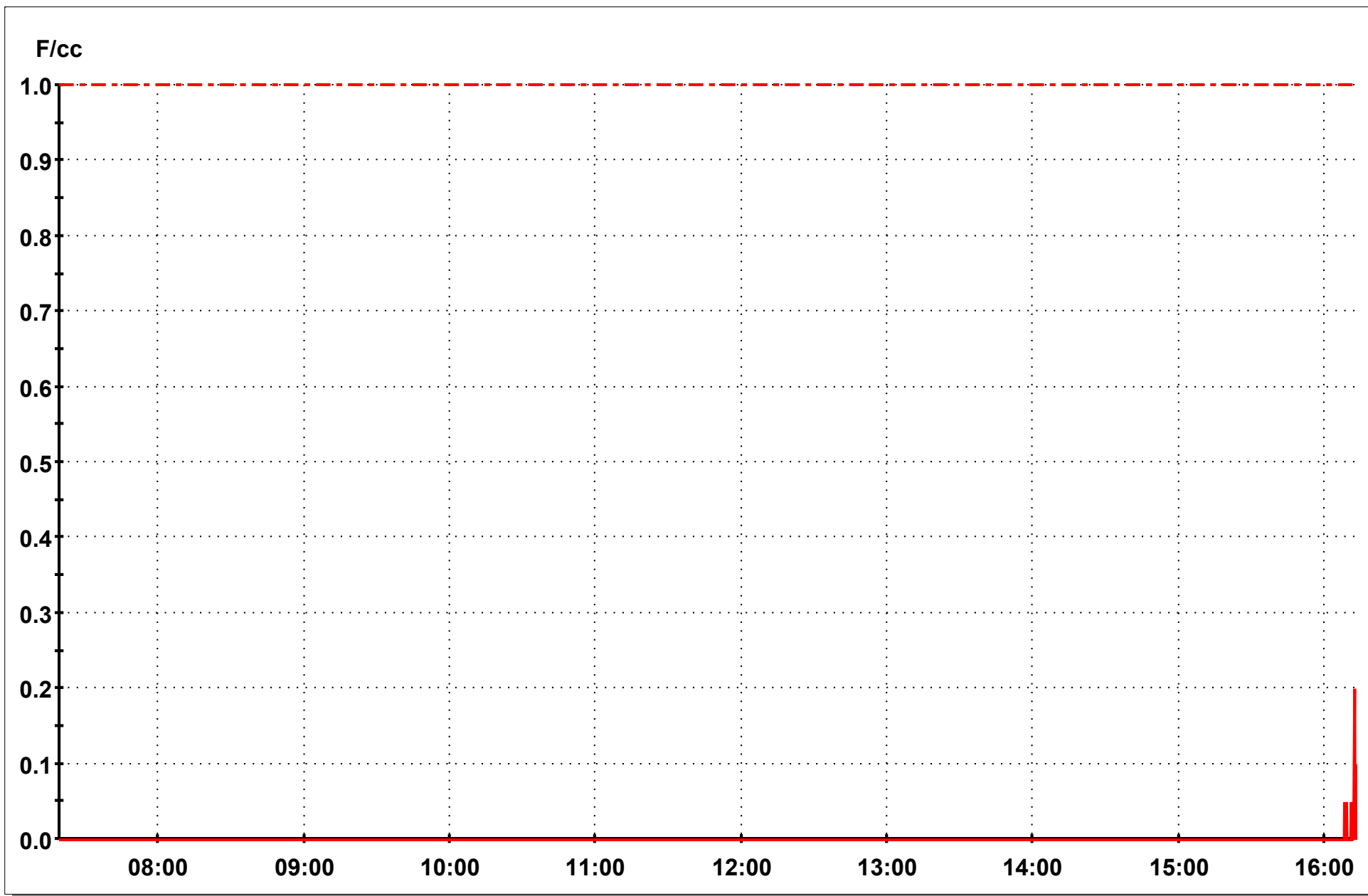
Station #	1**	Personal Data RAM	Station #	2**	Personal Data RAM	Station #	4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0742	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0745	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0728	Fibers (F/cc): 0.000
Time:	1200	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:	1203	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:		Fibers (F/cc):
End Time	1610	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1600	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1615	Fibers (F/cc): 0.000
Total Run Time (Min.)		498	Total Run Time (Min.)		495	Total Run Time Min=		527
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  12-20-13

Comments:
 Local Weather: Low: 30°F; High: 56°F; Winds variable at 4-6 mph, from the south/southeast. Mostly cloudy skies early, clearing mid-day.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 19 December 2013 07:19:22 To:- 19 December 2013 16:12:42

January 2014

Air Monitoring Worksheets


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/06/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

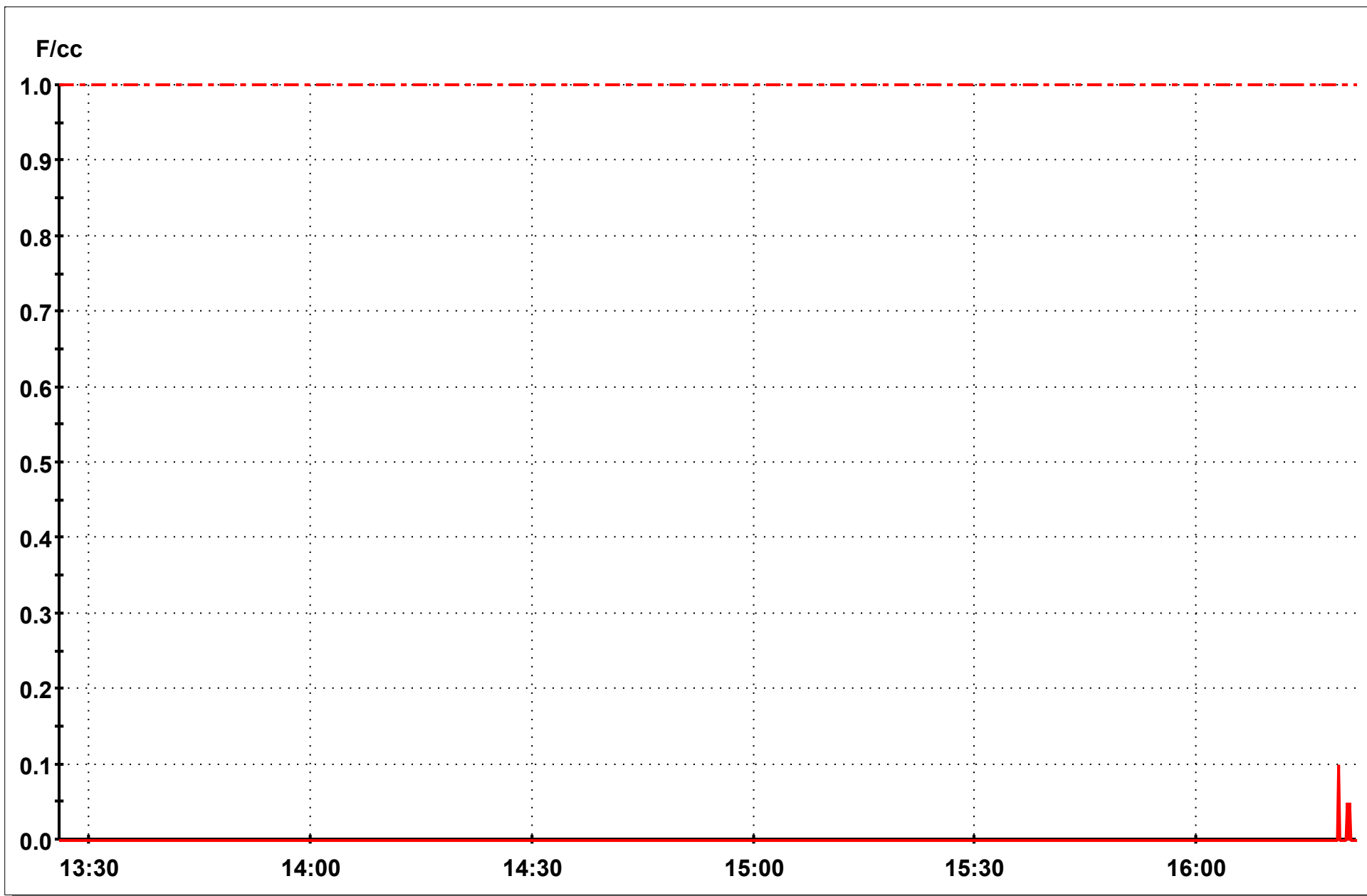
Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	4**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	1327	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	1330	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	1325	Fibers (F/cc): 0.000
Time:	1430	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.011	Time:	1435	Conc (mg/m ³): 0.005 TWA (mg/m ³): 0.012	Time:		Fibers (F/cc):
End Time	1615	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.012	End Time	1623	Conc (mg/m ³): 0.005 TWA (mg/m ³): 0.004	End Time	1619	Fibers (F/cc): 0.000
Total Run Time (Min.)		176	Total Run Time (Min.)		173	Total Run Time Min=		174
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-06-14

Comments:
 Local Weather: Low: 24°F; High: 46°F; Winds low to 5 - 6 mph, from the northwest. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 06 January 2014 13:25:59 To:- 06 January 2014 16:21:39


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/07/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

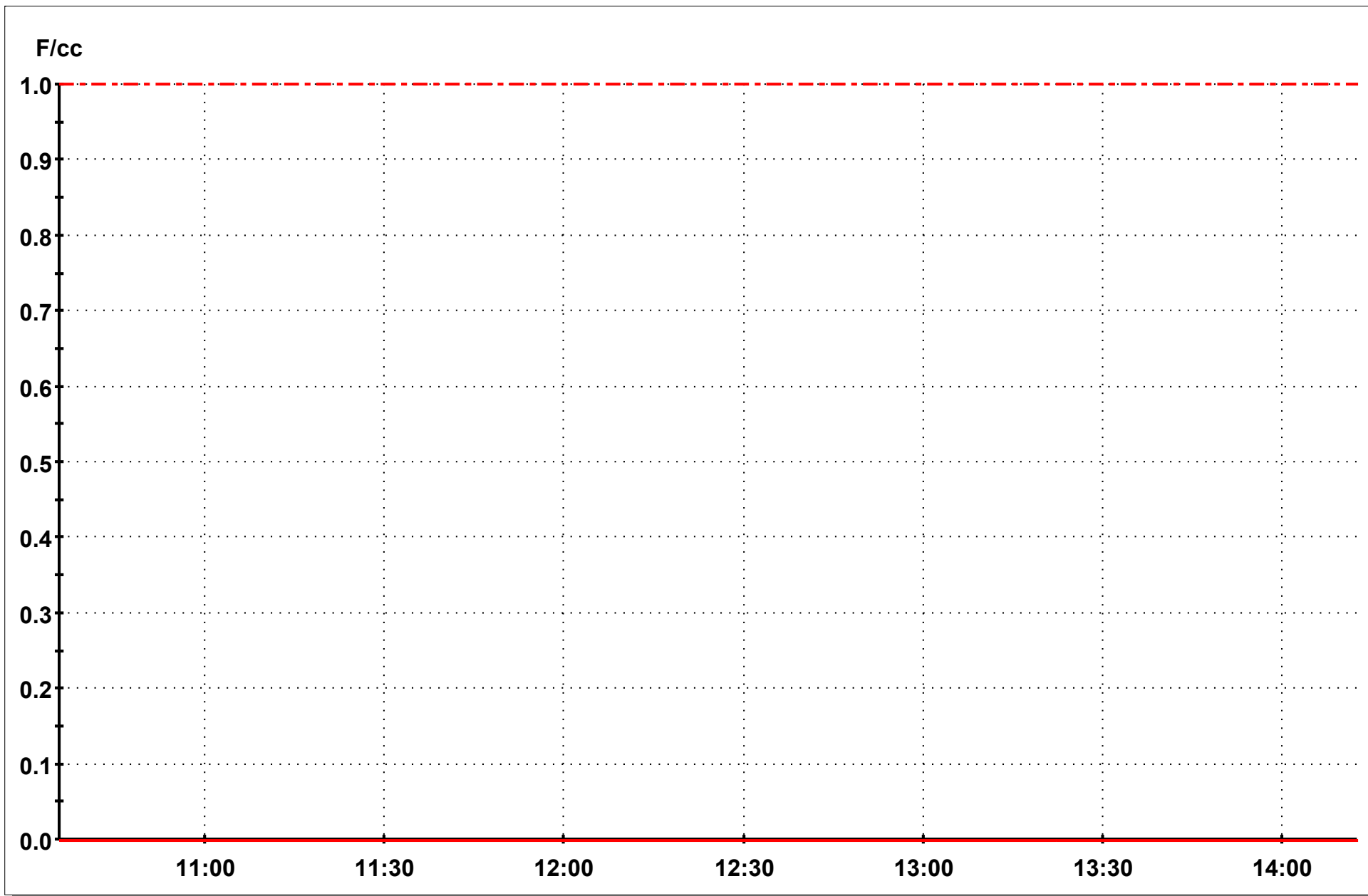
Station #	13**	Personal Data RAM	Station #	**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		*	Monitor S/N		11*
Location		Area Ó	Location			Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	1204	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time		Conc (mg/m ³): TWA (mg/m ³):	Start Time	1118	Fibers (F/cc): 0.000
Time:	1445	Conc (mg/m ³): 0.051 TWA (mg/m ³): 0.032	Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:	1412	Fibers (F/cc): 0.000
End Time	1620	Conc (mg/m ³): 0.023 TWA (mg/m ³): 0.086	End Time		Conc (mg/m ³): TWA (mg/m ³):	End Time	1540	Fibers (F/cc): 0.000
Total Run Time (Min.)		256	Total Run Time (Min.)			Total Run Time Min=		262
Monitor Fault		N	Monitor Fault			Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-07-14

Comments:
 Local Weather: Low: 26°F; High: 48°F; Winds low to 5 - 6 mph, from the northwest. Clear skies early, switching to mostly cloudy skies later in the day.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
 - Not collected.

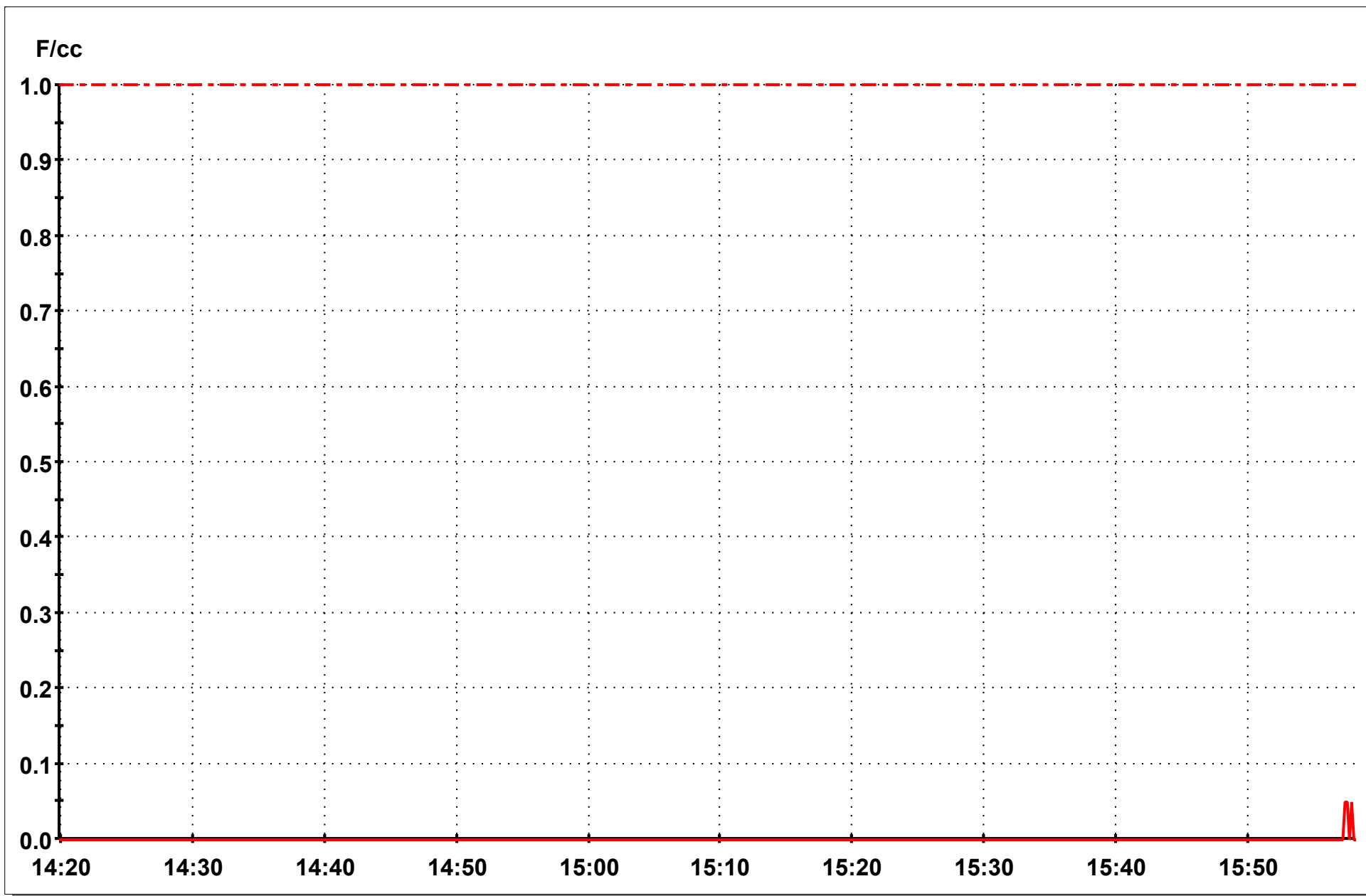
FAM-1



— Voltage - - - High Alarm

From:- 07 January 2014 10:35:41 To:- 07 January 2014 14:12:31

FAM-1



— Voltage - - - High Alarm

From:- 07 January 2014 14:19:51 To:- 07 January 2014 15:58:11


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/08/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

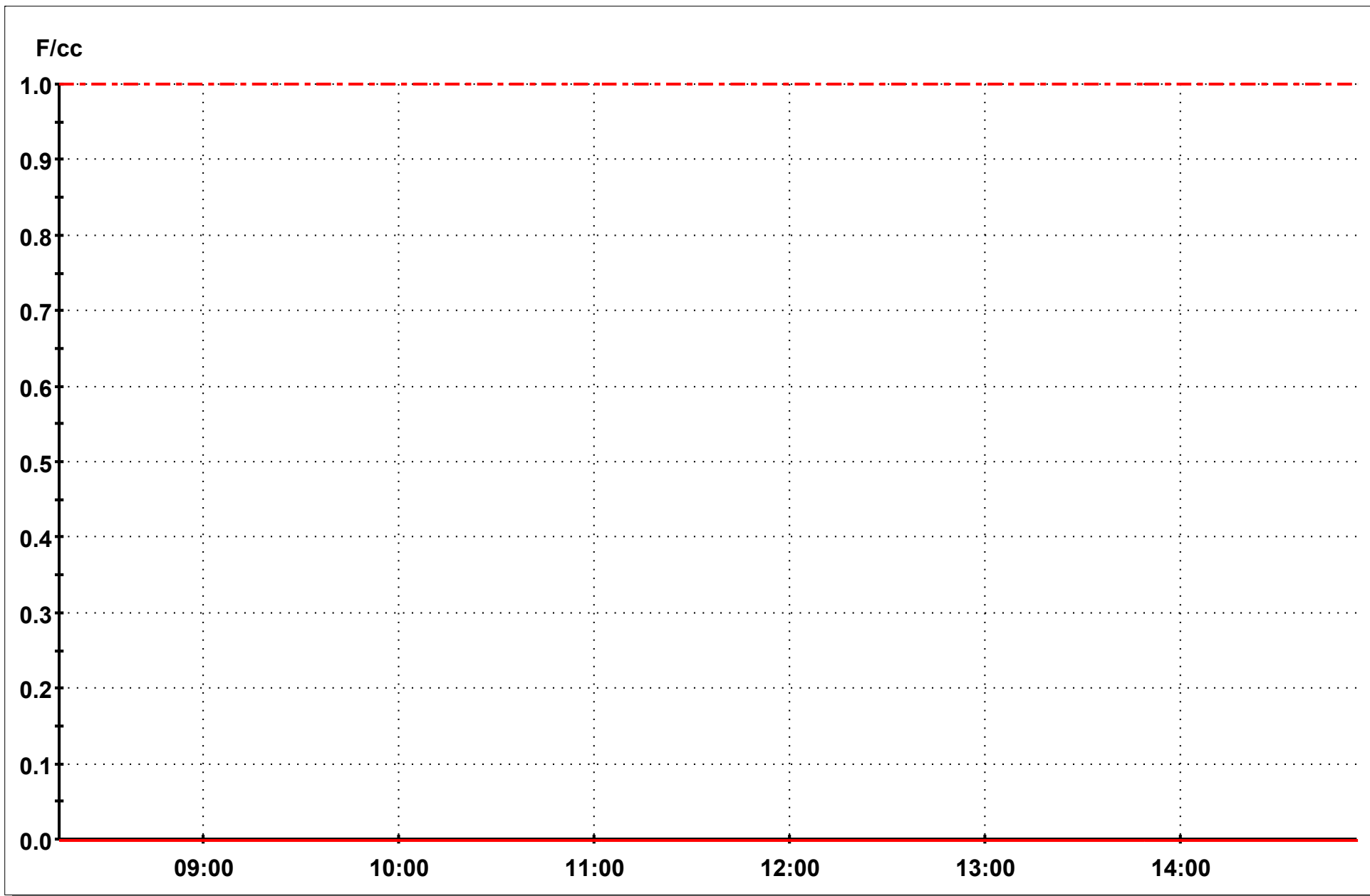
Station #	13**	Personal Data RAM	Station #	**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		*	Monitor S/N		11*
Location		Area Ó	Location			Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0805	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time		Conc (mg/m ³): TWA (mg/m ³):	Start Time	0750	Fibers (F/cc): 0.000
Time:	1330	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.000	Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:	1300	Fibers (F/cc): 0.000
End Time	1640	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time		Conc (mg/m ³): TWA (mg/m ³):	End Time	1640	Fibers (F/cc): 0.000
Total Run Time (Min.)		515	Total Run Time (Min.)			Total Run Time Min=		535
Monitor Fault		N	Monitor Fault			Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-08-14

Comments:
 Local Weather: Low: 25°F; High: 50°F; Winds to 5 mph, from the north. Clear skies early, changing to cloudy skies late.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

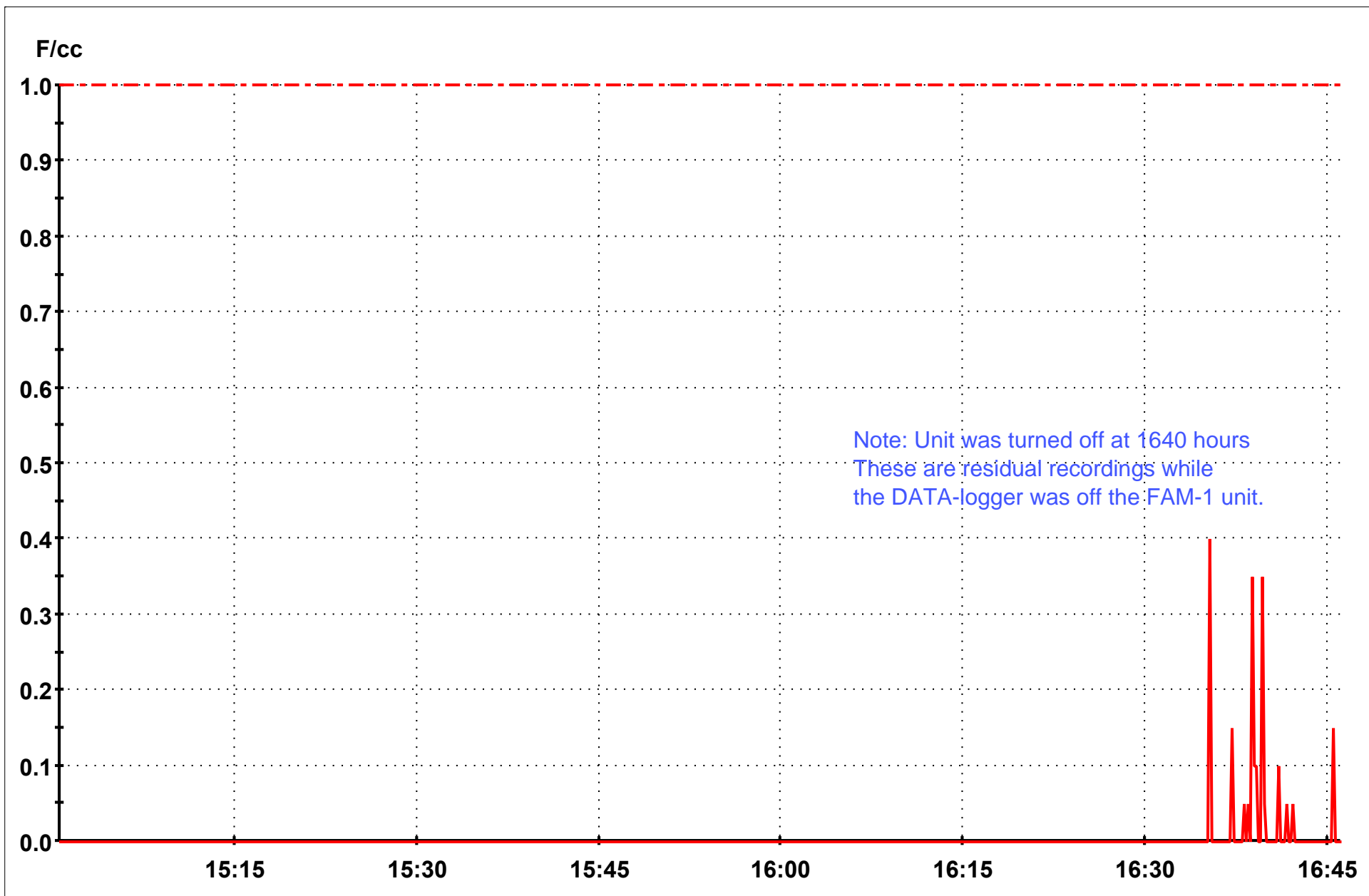
FAM-1



— Voltage - - - High Alarm

From:- 08 January 2014 08:15:39 To:- 08 January 2014 14:54:09

FAM-1



— Voltage - - - High Alarm

From:- 08 January 2014 15:00:36 To:- 08 January 2014 16:46:06


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/09/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

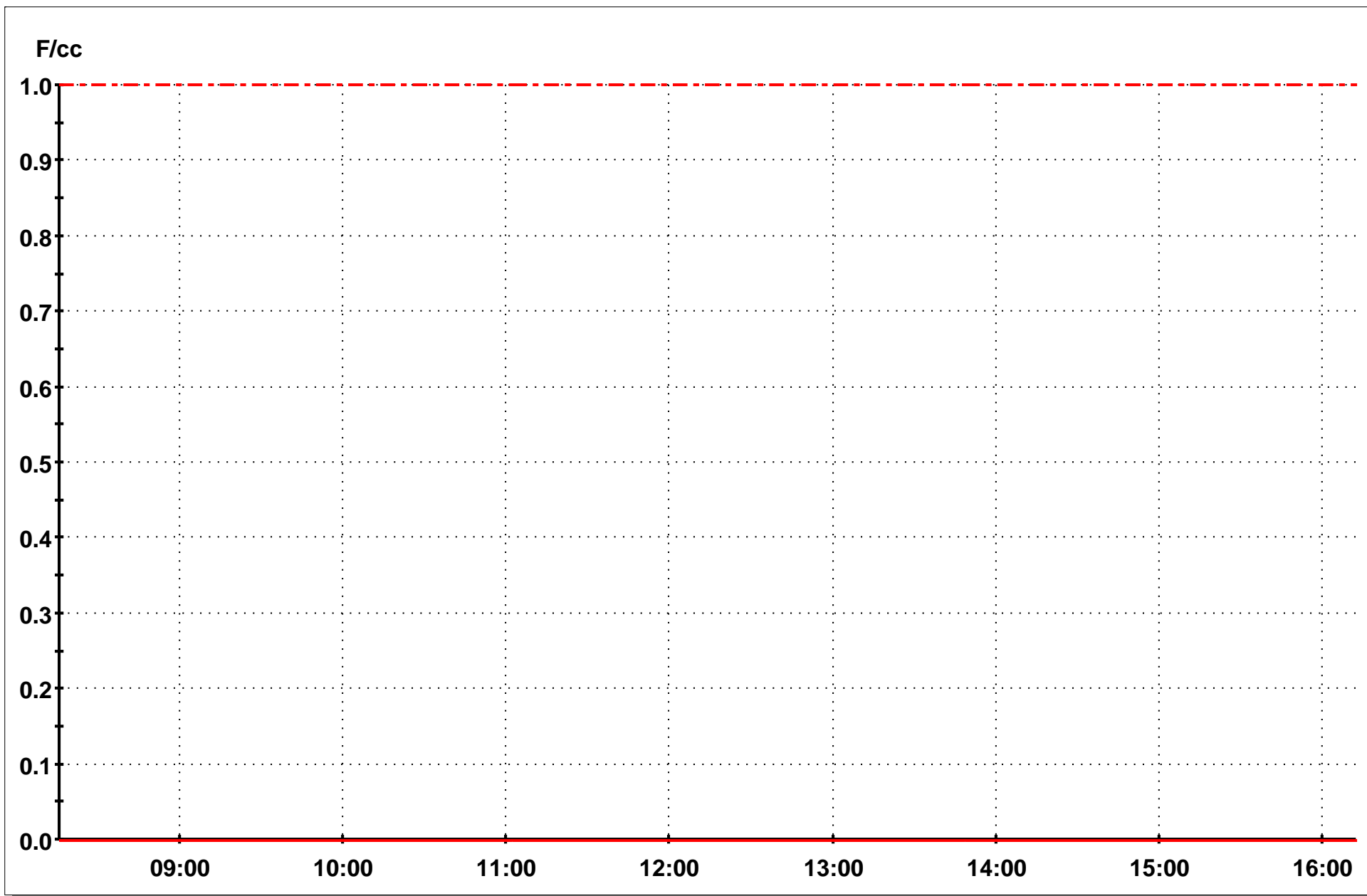
Station #	13**	Personal Data RAM	Station #	**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		*	Monitor S/N		11*
Location		Area Ó	Location			Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0805	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time		Conc (mg/m ³): TWA (mg/m ³):	Start Time	0810	Fibers (F/cc): 0.000
Time:	1220	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.000	Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:		Fibers (F/cc):
End Time	1608	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.000	End Time		Conc (mg/m ³): TWA (mg/m ³):	End Time	1612	Fibers (F/cc): 0.000
Total Run Time (Min.)		483	Total Run Time (Min.)			Total Run Time Min=		482
Monitor Fault		N	Monitor Fault			Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-09-14

Comments:
 Local Weather: Low: 28°F; High: 48°F; Winds to 5 mph, from the north. Clear skies early, changing to cloudy skies late.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 09 January 2014 08:15:34 To:- 09 January 2014 16:12:34


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/10/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

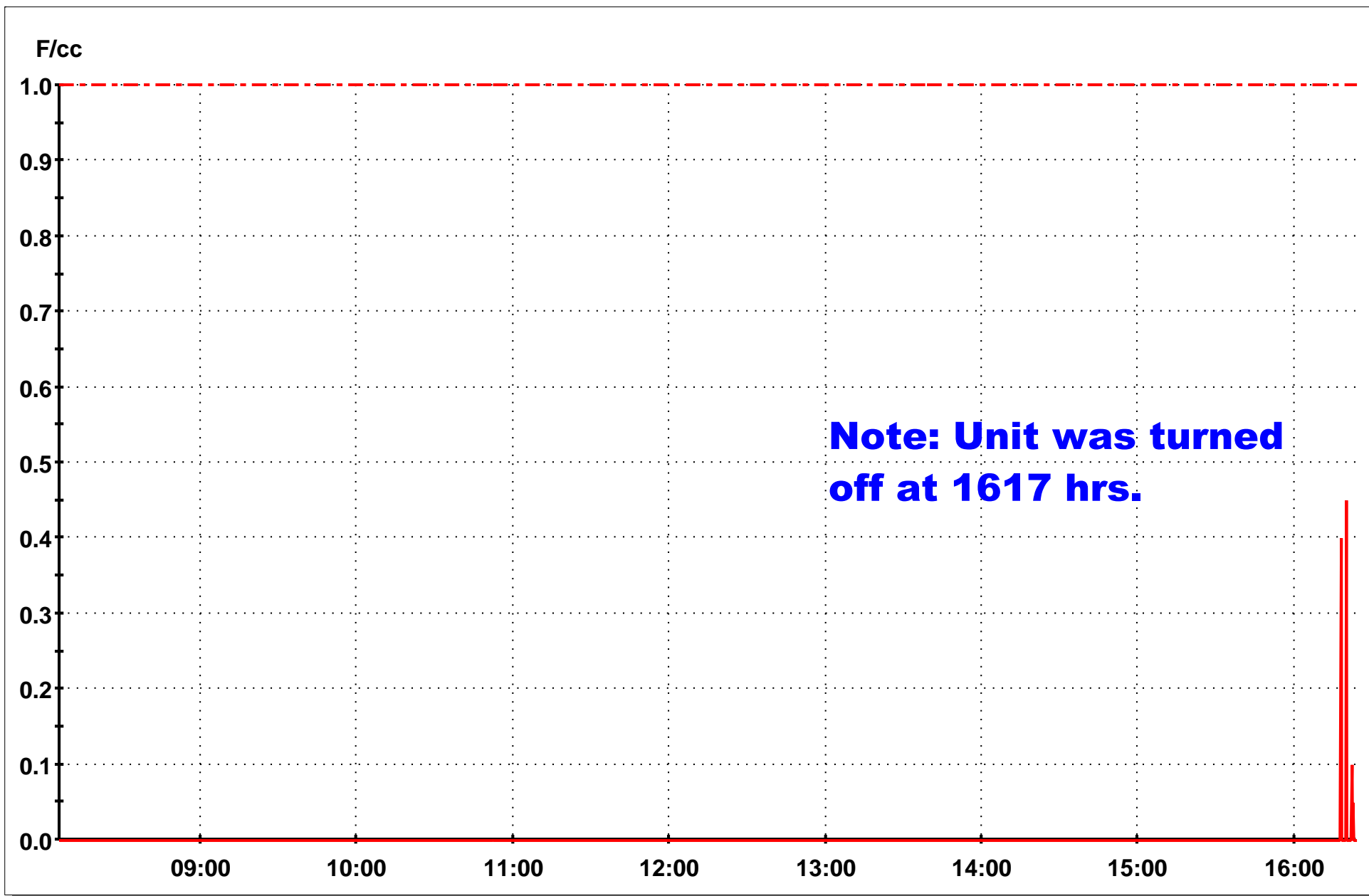
Station #	13**	Personal Data RAM	Station #	**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		*	Monitor S/N		11*
Location		Area Ó	Location			Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0810	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time		Conc (mg/m ³): TWA (mg/m ³):	Start Time	0805	Fibers (F/cc): 0.000
Time:	1215	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.000	Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:		Fibers (F/cc):
End Time	1620	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.001	End Time		Conc (mg/m ³): TWA (mg/m ³):	End Time	1615	Fibers (F/cc): 0.000
Total Run Time (Min.)		490	Total Run Time (Min.)			Total Run Time Min=		490
Monitor Fault		N	Monitor Fault			Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-10-14

Comments:
 Local Weather: Low: 32°F; High: 56°F; Winds to 18 mph, with gusts to 29 mph from the northwest. Mostly clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 10 January 2014 08:05:49 To:- 10 January 2014 16:23:49


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/11/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

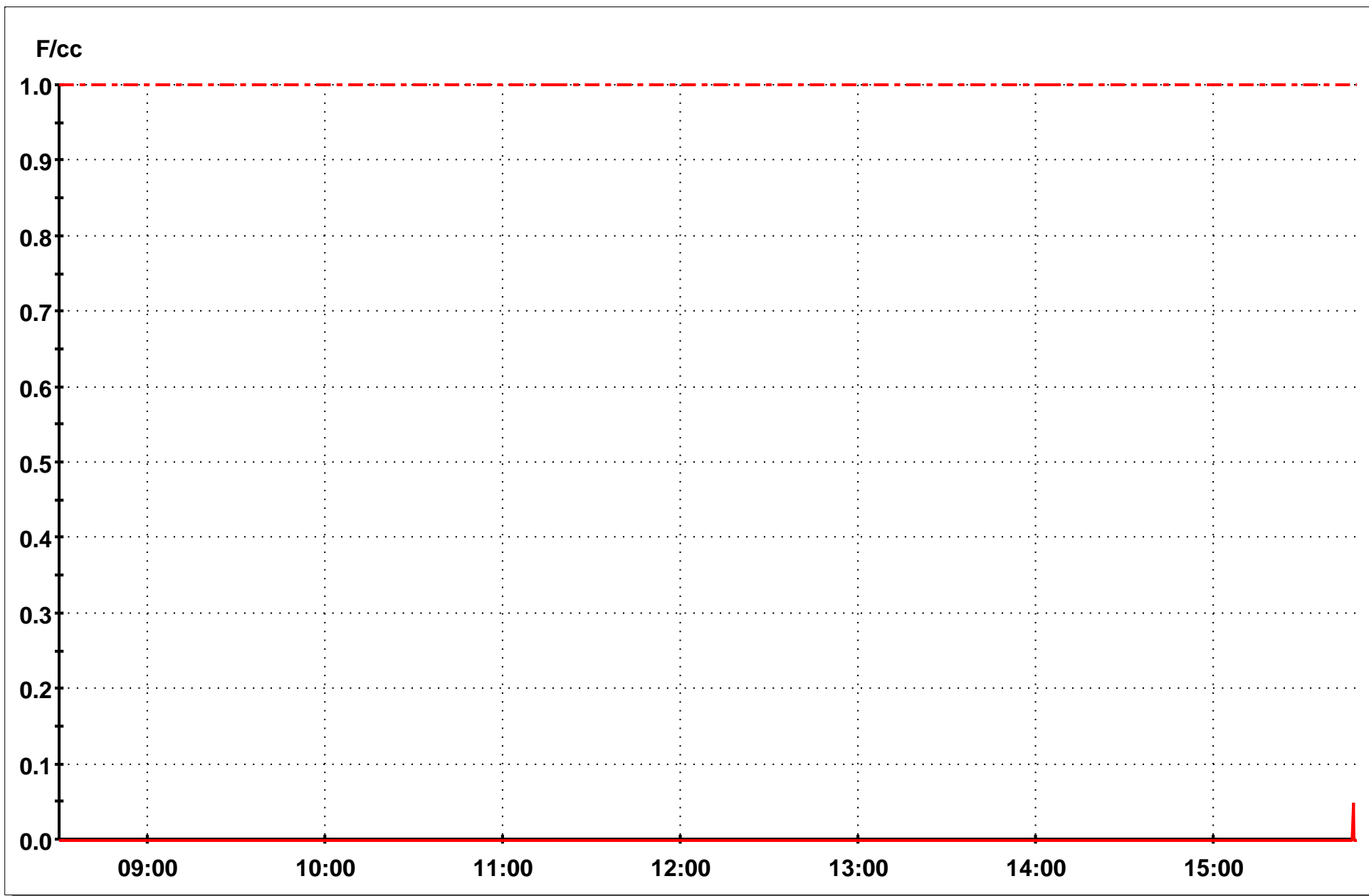
Station #	13**	Personal Data RAM	Station #	**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		*	Monitor S/N		11*
Location		Area Ó	Location			Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0850	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time		Conc (mg/m ³): TWA (mg/m ³):	Start Time	0900	Fibers (F/cc): 0.000
Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:		Fibers (F/cc):
End Time	1544	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.000	End Time		Conc (mg/m ³): TWA (mg/m ³):	End Time	1540	Fibers (F/cc): 0.000
Total Run Time (Min.)		414	Total Run Time (Min.)			Total Run Time Min=		400
Monitor Fault		N	Monitor Fault			Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-11-14

Comments:
 Local Weather: Low: 35°F; High: 58°F; Winds light and variable to 3 - 4 mph. Mostly clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 11 January 2014 08:30:05 To:- 11 January 2014 15:47:55


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/13/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

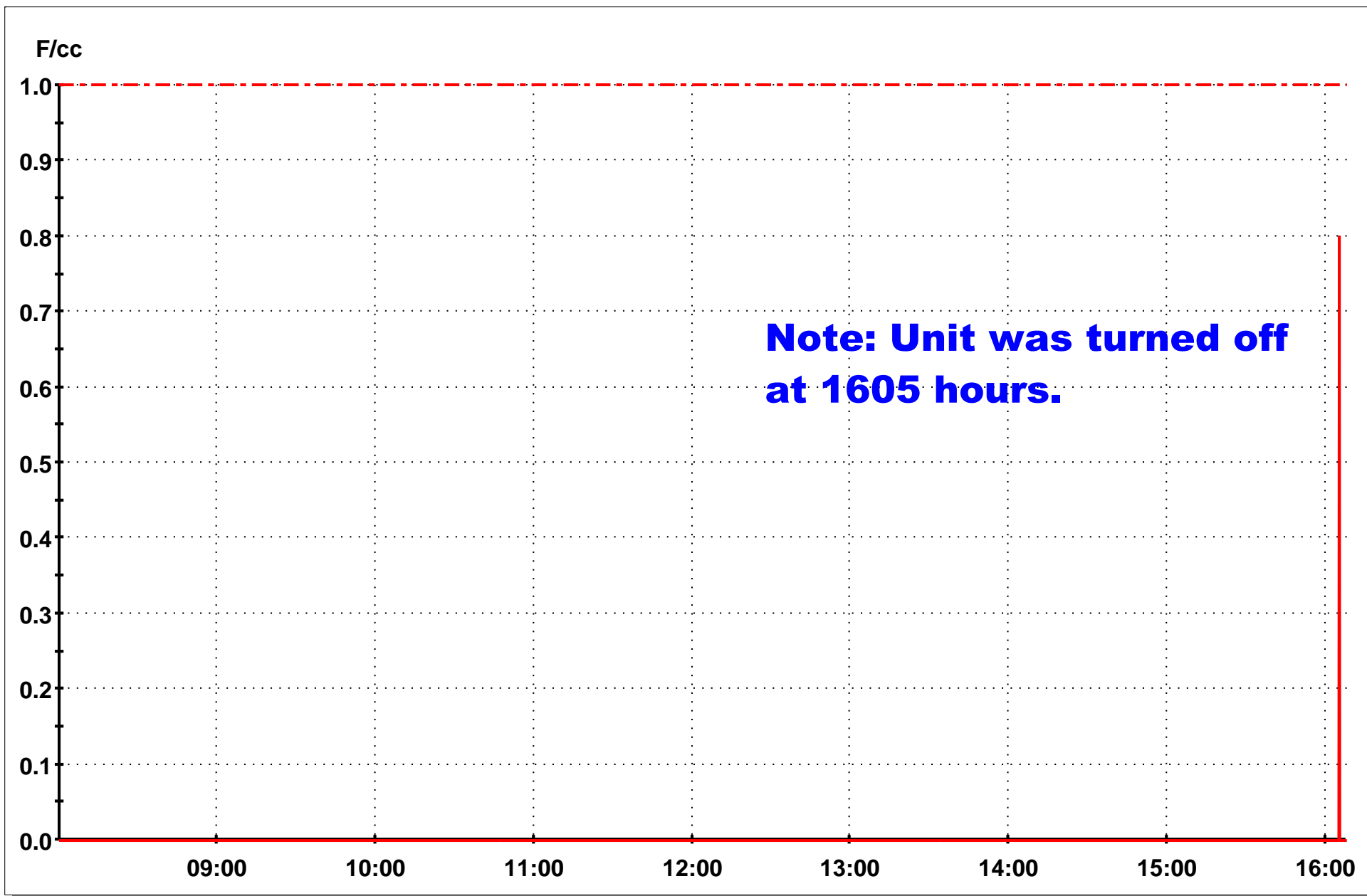
Station #	13**	Personal Data RAM	Station #	10**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area B	Location		Area B	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0820	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0800	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0800	Fibers (F/cc): 0.000
Time:	1158	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:	1200	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.000	Time:		Fibers (F/cc):
End Time	1610	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.000	End Time	1605	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1605	Fibers (F/cc): 0.000
Total Run Time (Min.)		470	Total Run Time (Min.)		485	Total Run Time Min=		485
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-13-14

Comments:
 Local Weather: Low: 31°F; High: 54°F; Winds moderate to 11 – 12 mph, with gusts to 23 mph from the northwest. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 13 January 2014 08:00:39 To:- 13 January 2014 16:07:39


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/14/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station #	13**	Personal Data RAM	Station #	10**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area B	Location		Area B	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0810	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0805	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0805	Fibers (F/cc): 0.000
Time:	1145	Conc (mg/m ³): 0.005 TWA (mg/m ³): 0.000	Time:	1155	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:		Fibers (F/cc):
End Time	1610	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1607	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1607	Fibers (F/cc): 0.000
Total Run Time (Min.)		480	Total Run Time (Min.)		482	Total Run Time Min=		482
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-14-14

Comments:
 Local Weather: Low: 27°F; High: 56°F; Winds moderate to 8 - 10 mph, with gusts to 16 mph from the north. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 14 January 2014 08:10:35 To:- 14 January 2014 16:19:55


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/15/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station #	13**	Personal Data RAM	Station #	10**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area B	Location		Area B	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0812	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0800	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0800	Fibers (F/cc): 0.000
Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:		Fibers (F/cc):
End Time	1300	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1315	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1315	Fibers (F/cc): 0.000
Total Run Time (Min.)		288	Total Run Time (Min.)		314	Total Run Time Min=		314
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-15-14

Comments:
 Local Weather: Low: 33°F; High: 57°F; Winds low to 5 - 6 mph from the west/northwest. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.
☐ - Not collected.


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/16/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

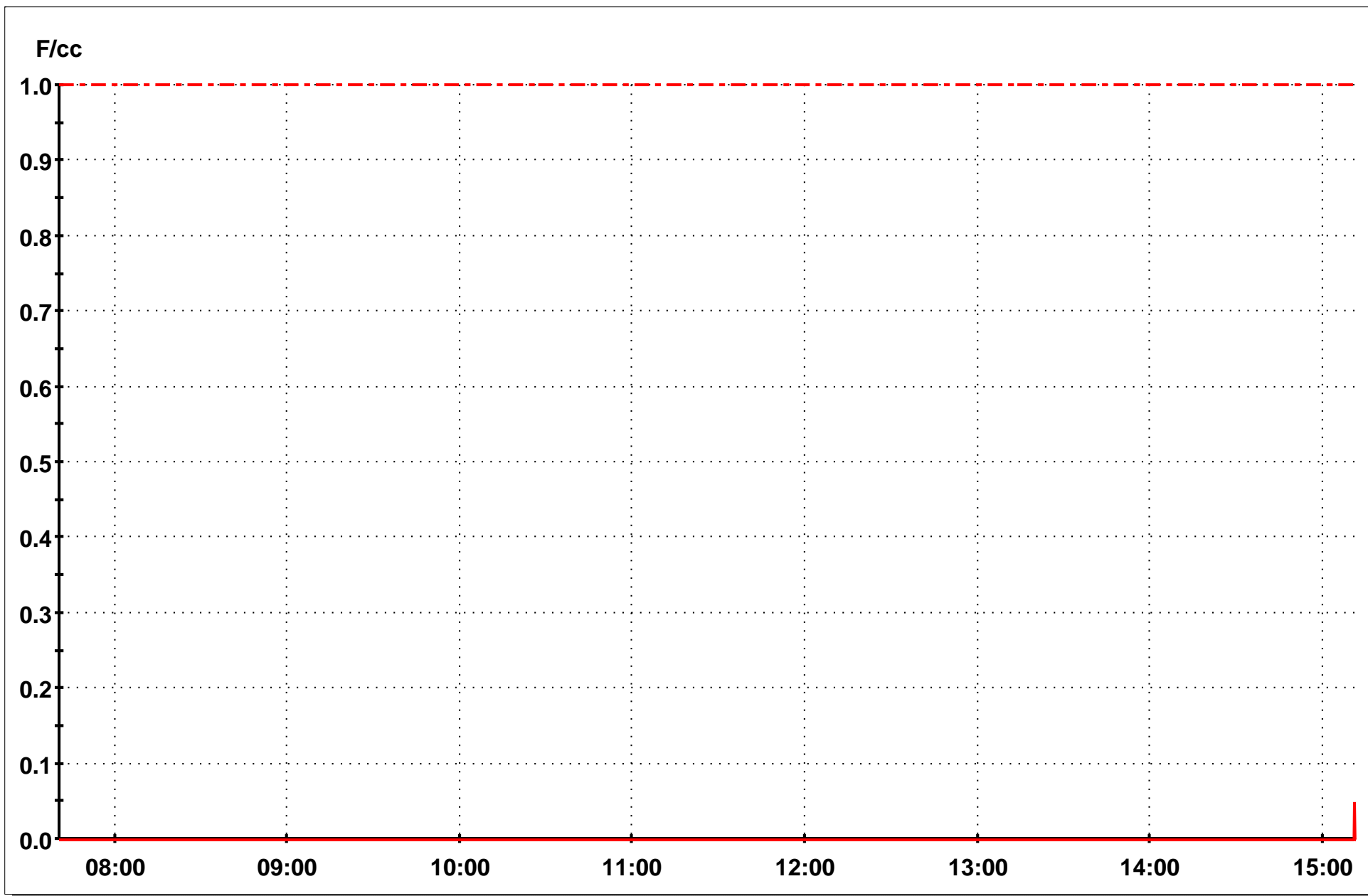
Station #	1**	Personal Data RAM	Station #	2**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0740	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0744	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0735	Fibers (F/cc): 0.000
Time:	1130	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:	1135	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:		Fibers (F/cc):
End Time	1505	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1508	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1509	Fibers (F/cc): 0.000
Total Run Time (Min.)		445	Total Run Time (Min.)		564	Total Run Time Min=		454
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-16-14

Comments:
 Local Weather: Low: 35°F; High: 57°F; Winds low to 5 - 6 mph from the west/northwest. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 16 January 2014 07:40:43 To:- 16 January 2014 15:11:23


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/17/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

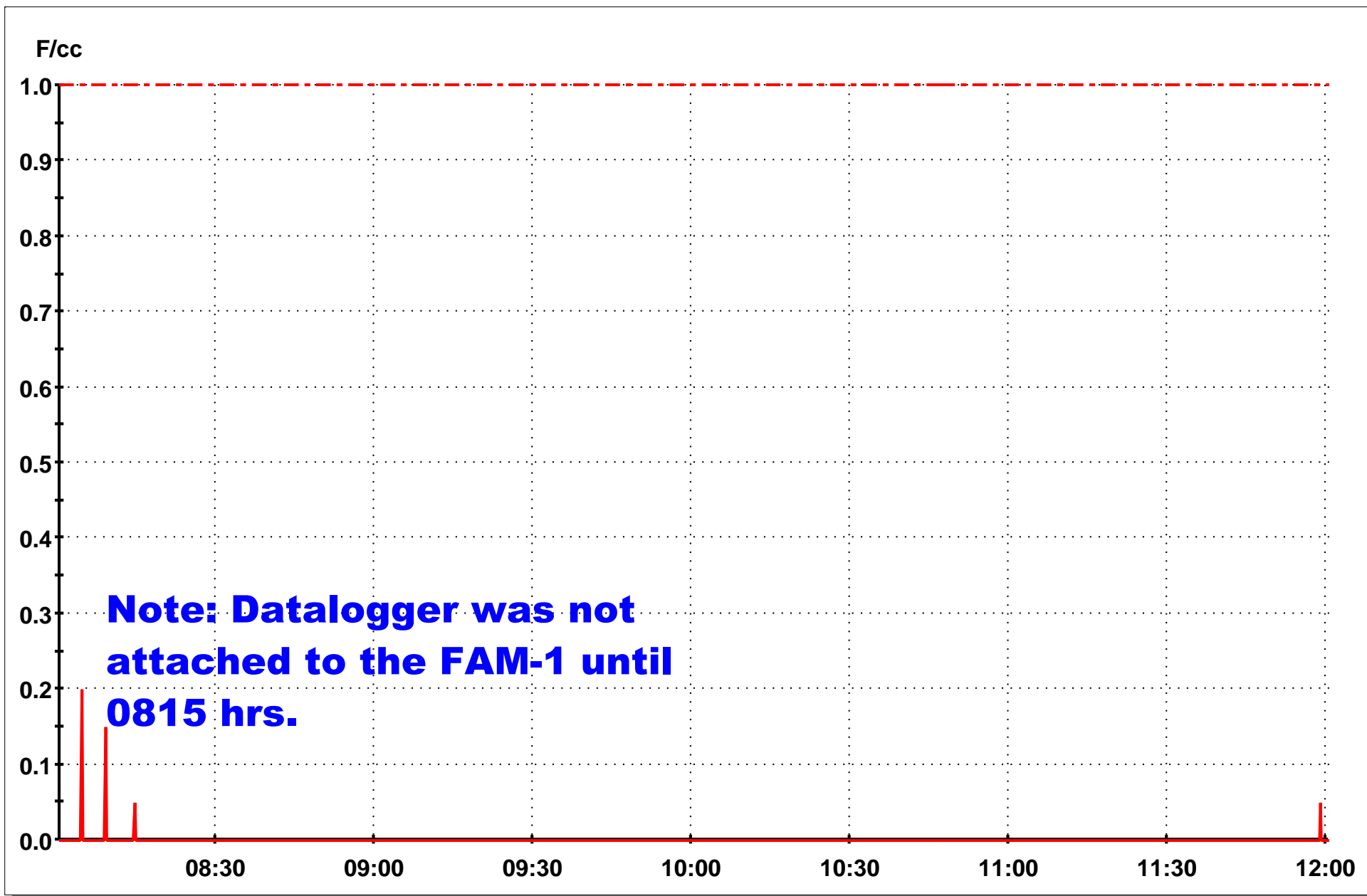
Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0746	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0807	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0815	Fibers (F/cc): 0.000
Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:		Conc (mg/m ³): TWA (mg/m ³):	Time:		Fibers (F/cc):
End Time	1147	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1145	Conc (mg/m ³): 0.011 TWA (mg/m ³): 0.009	End Time	1155	Fibers (F/cc): 0.000
Total Run Time (Min.)		241	Total Run Time (Min.)		218	Total Run Time Min=		220
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-17-14

Comments:
 Local Weather: Low: 28°F; High: 56°F; Winds low to 5 - 6 mph from the west/northwest. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 17 January 2014 08:00:32 To:- 17 January 2014 12:00:32


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/18/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

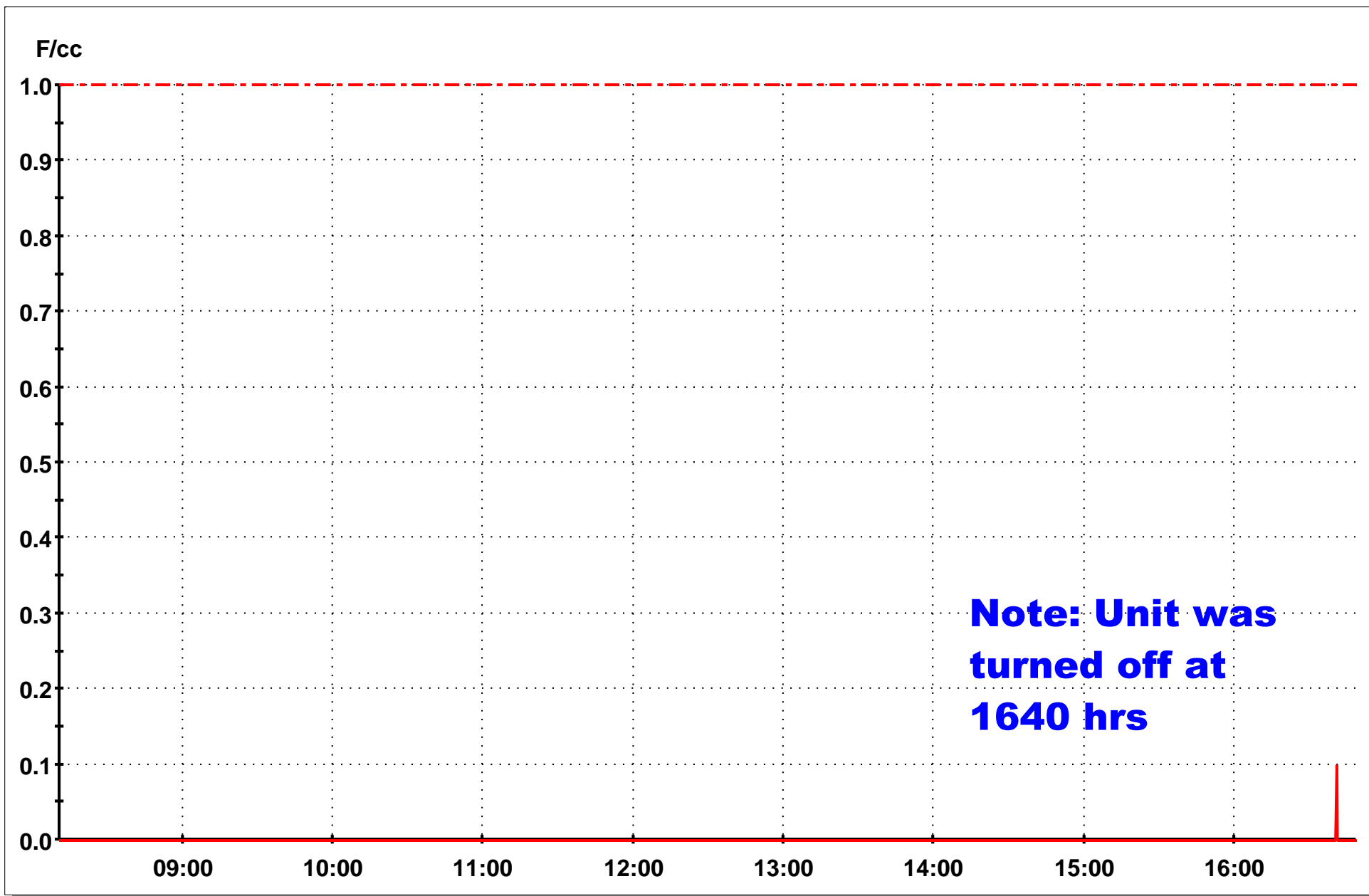
Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0742	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0745	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0815	Fibers (F/cc): 0.000
Time:	1130	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:	1133	Conc (mg/m ³): 0.012 TWA (mg/m ³): 0.000	Time:		Fibers (F/cc):
End Time	1635	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1637	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.001	End Time	1155	Fibers (F/cc): 0.000
Total Run Time (Min.)		533	Total Run Time (Min.)		532	Total Run Time Min=		530
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-18-14

Comments:
 Local Weather: Low: 32°F; High: 56°F; Winds low to 4 - 5 mph from the west/northwest. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 18 January 2014 08:10:49 To:- 18 January 2014 16:48:49


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/19/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

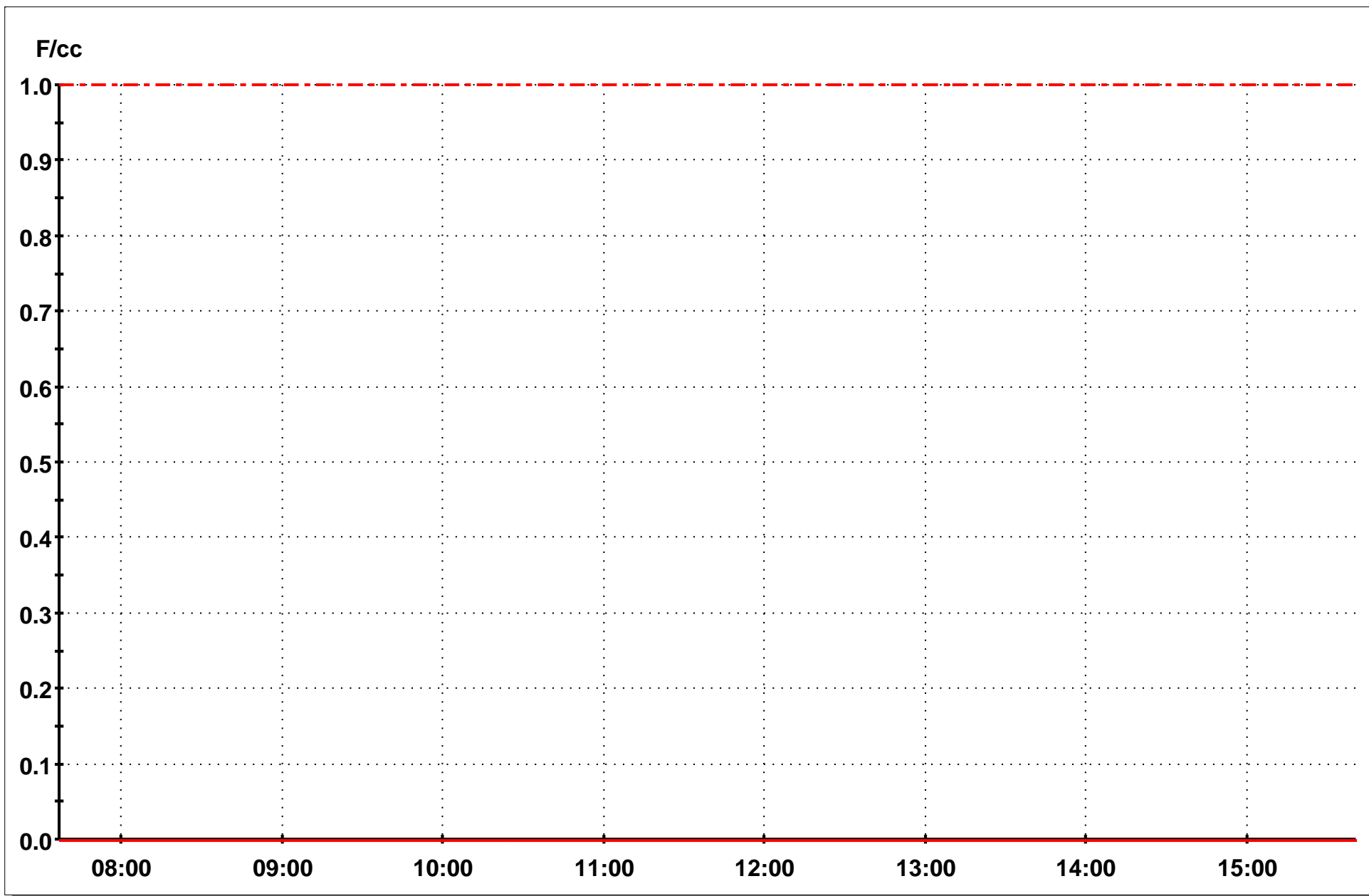
Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0735	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0737	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0750	Fibers (F/cc): 0.000
Time:	1200	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:	1204	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:		Fibers (F/cc):
End Time	1544	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1547	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1640	Fibers (F/cc): 0.000
Total Run Time (Min.)		489	Total Run Time (Min.)		490	Total Run Time Min=		530
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-19-14

Comments:
 Local Weather: Low: 28°F; High: 58°F; Winds low to 2 - 4 mph from the south. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm


From:- 19 January 2014 07:36:48 To:- 19 January 2014 15:40:38

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/20/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 6**	Personal Data RAM	Station # 10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N	7*	Monitor S/N	8*	Monitor S/N	11*
Location	Area A	Location	Area A	Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0730	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0732	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0726	Fibers (F/cc): 0.000
Time: 1100	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time: 1104	Conc (mg/m ³): 0.010 TWA (mg/m ³): 0.002	Time:	Fibers (F/cc):
End Time 1607	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time 1610	Conc (mg/m ³): 0.004 TWA (mg/m ³): 0.004	End Time 1620	Fibers (F/cc): 0.000
Total Run Time (Min.)	517	Total Run Time (Min.)	518	Total Run Time Min=	534
Monitor Fault	N	Monitor Fault	N	Monitor Fault	N

MET Station on Site?: Yes	START-3 Signature/Date:  01-20-14
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Comments:

Local Weather: Low: 32°F; High: 56°F; Winds low to 2 - 4 mph from the north. Clear skies.

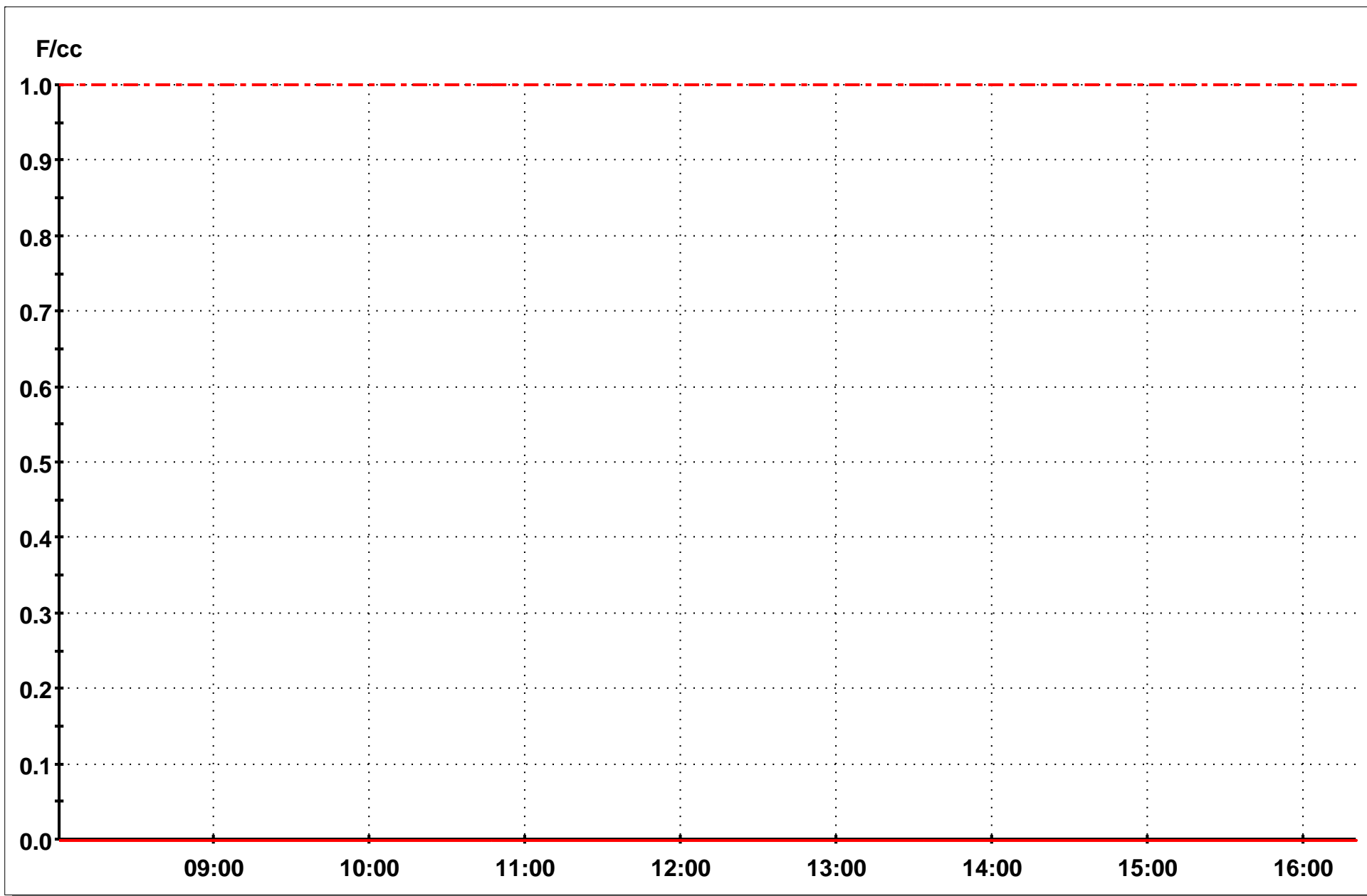
TWA – Time weighted Average

* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.

- Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 20 January 2014 08:00:42 To:- 20 January 2014 16:20:22

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/21/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 6**	Personal Data RAM	Station # 10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N	7*	Monitor S/N	8*	Monitor S/N	11*
Location	Area A	Location	Area A	Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0735	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0740	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0750	Fibers (F/cc): 0.000
Time: 1206	Conc (mg/m ³): 0.021 TWA (mg/m ³): 0.010	Time: 1211	Conc (mg/m ³): 0.345 TWA (mg/m ³): 0.052	Time:	Fibers (F/cc):
End Time 1637	Conc (mg/m ³): 0.011 TWA (mg/m ³): 0.007	End Time 1640	Conc (mg/m ³): 0.524 TWA (mg/m ³): 0.039	End Time 1645	Fibers (F/cc): 0.000
Total Run Time (Min.)	542	Total Run Time (Min.)	540	Total Run Time Min=	535
Monitor Fault	N	Monitor Fault	N	Monitor Fault	N

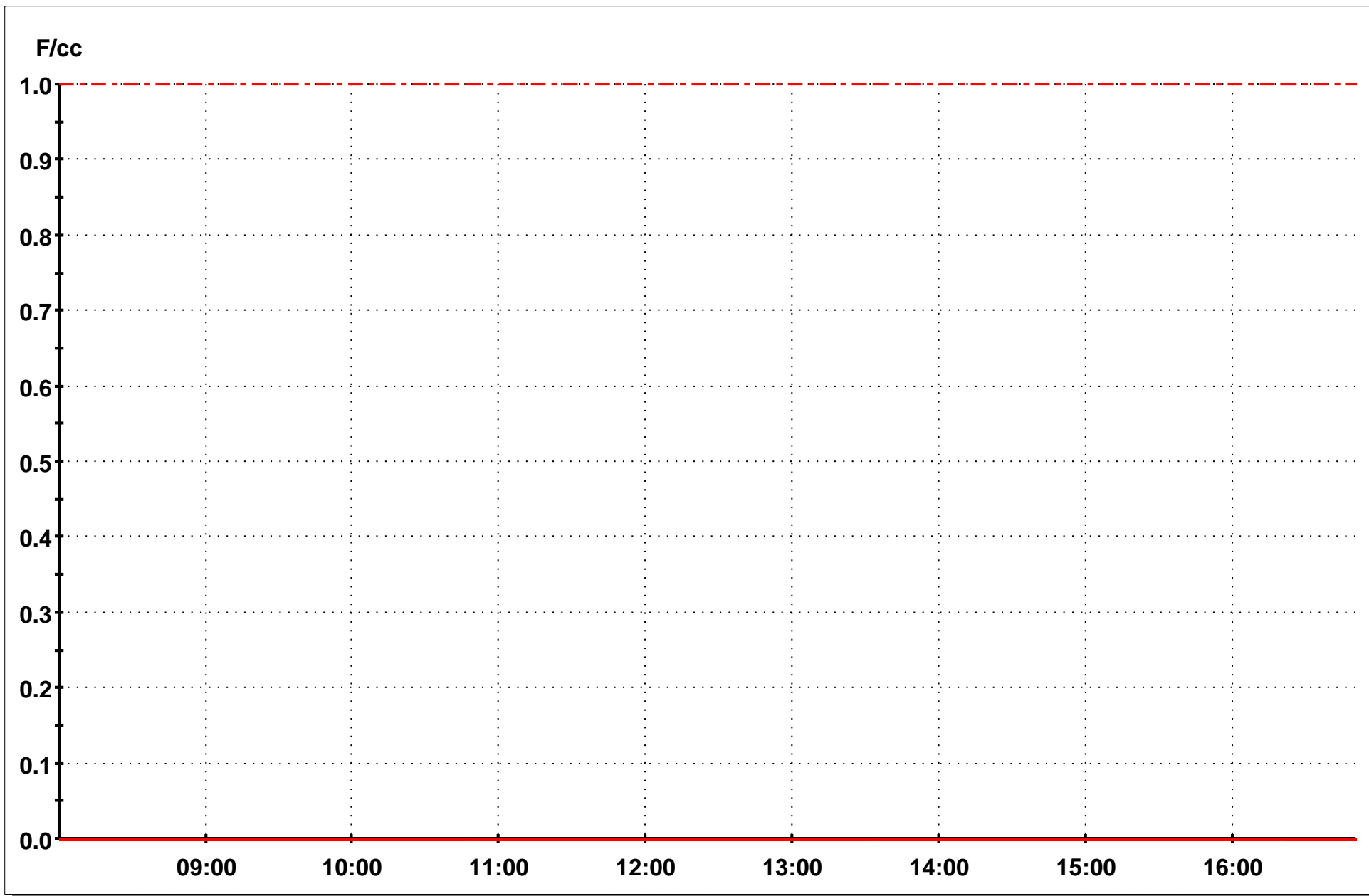
MET Station on Site?: Yes

START-3 Signature/Date: 01-21-14

Comments:
 Local Weather: Low: 28°F; High: 58°F; Winds light to 2 - 4 mph from the north. Clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.

- Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 21 January 2014 08:00:14 To:- 21 January 2014 16:50:24


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/22/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0726	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0728	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0720	Fibers (F/cc): 0.000
Time:	1147	Conc (mg/m ³): 0.054 TWA (mg/m ³): 0.032	Time:	1251	Conc (mg/m ³): 0.008 TWA (mg/m ³): 0.002	Time:		Fibers (F/cc):
End Time	1619	Conc (mg/m ³): 0.067 TWA (mg/m ³): 0.027	End Time	1622	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.001	End Time	1630	Fibers (F/cc): 0.000
Total Run Time (Min.)		533	Total Run Time (Min.)		534	Total Run Time Min=		550
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-22-14


Comments:

Local Weather: Low: 27°F; High: 47°F; Winds light to 2 - 4 mph from the north. Mostly cloudy skies.

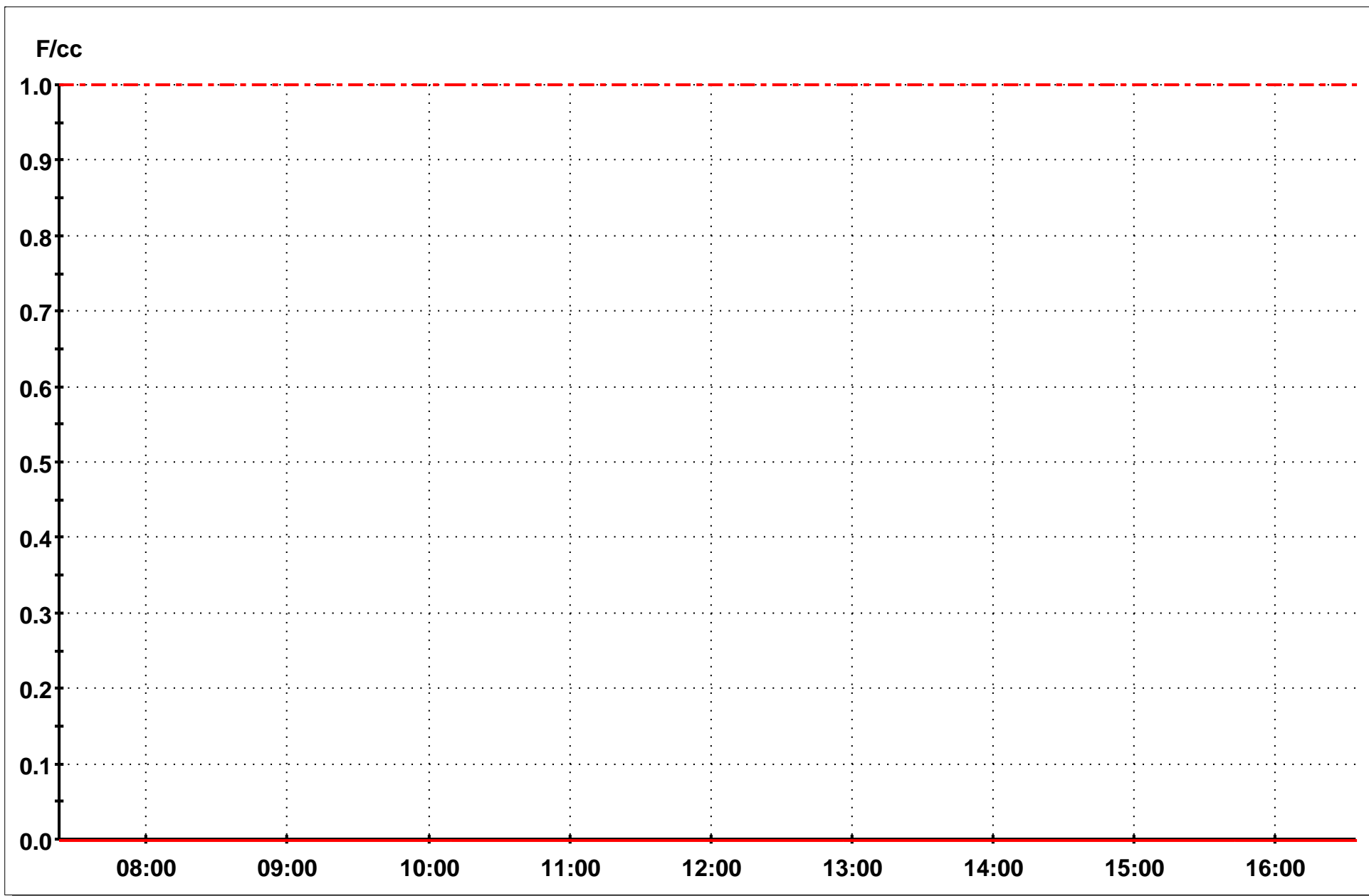
TWA – Time weighted Average

* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.

 - Not collected.

FAM-1




— Voltage - - - High Alarm

From:- 22 January 2014 07:22:58 To:- 22 January 2014 16:34:18

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/23/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen


Station #	**	Personal Data RAM	Station #	**	Personal Data RAM	Station #	**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		No Field Activities conducted today. See Appendix D - Daily Progress Report	Monitor S/N		No Field Activities conducted today. See Appendix D - Daily Progress Report	Monitor S/N		No Field Activities conducted today. See Appendix D - Daily Progress Report
Location			Location			Location		
Lat/Long			Lat/Long			Lat/Long		
Start Time			Start Time			Start Time		
Time:			Time:			Time:		
End Time			End Time			End Time		
Total Run Time (Min.)			Total Run Time (Min.)			Total Run Time Min=		
Monitor Fault			Monitor Fault			Monitor Fault		
MET Station on Site?: Yes		START-3 Signature/Date:  01-23-14						
Comments: Local Weather: Low: 32°F; High: 45°F; Winds moderate to high at 13 to 16 mph, with gusts to 29 mph from the east. Mostly clear skies. TWA – Time weighted Average * - Monitor # (S/N): See equipment log for serial numbers. ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file. <input type="checkbox"/> - Not collected.								

DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/24/14

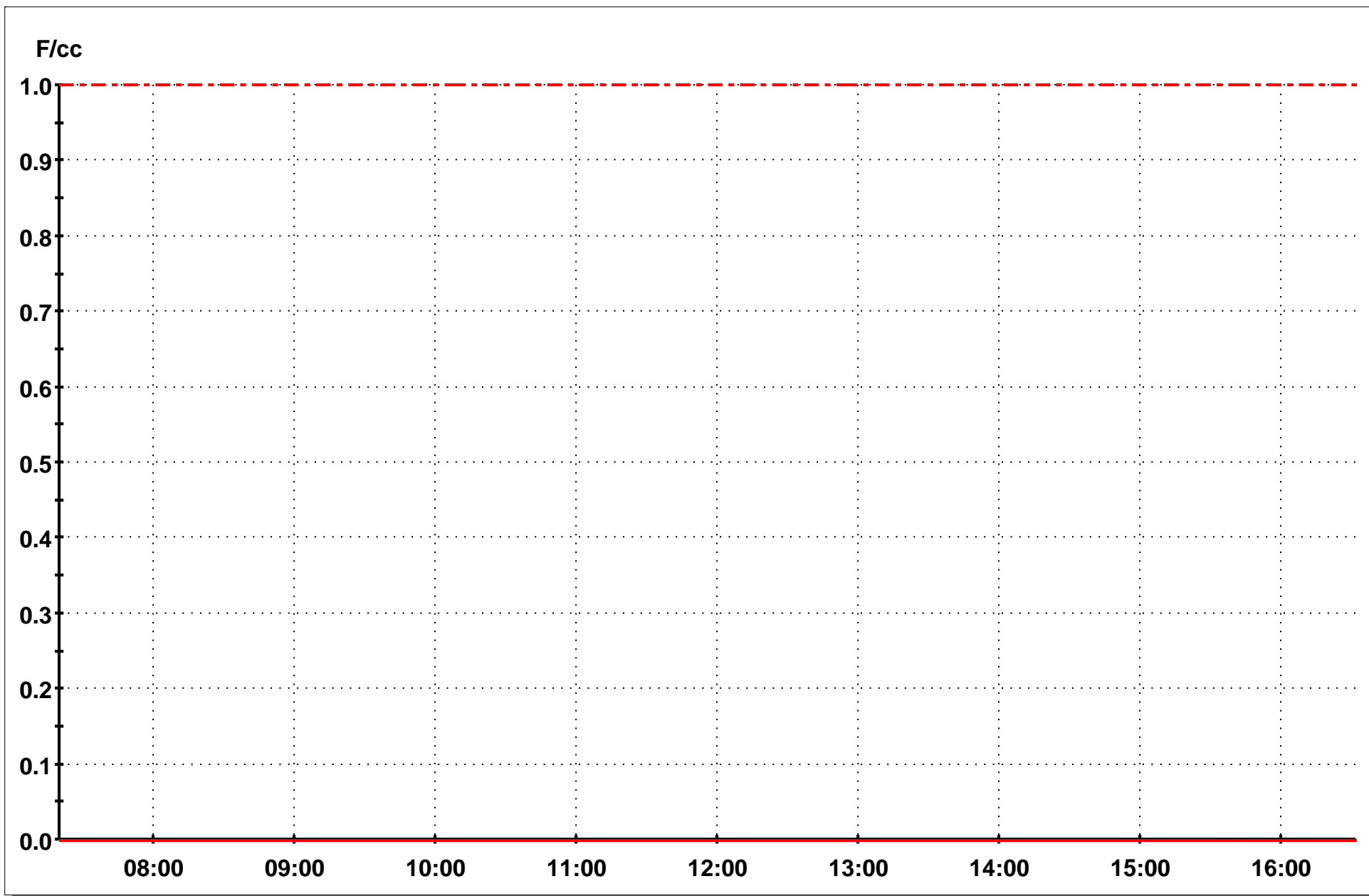
TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station # 1**	Personal Data RAM	Station # 5**	Personal Data RAM	Station # 10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N	7*	Monitor S/N	8*	Monitor S/N	11*
Location	Area A	Location	Area A	Location	15 Haines Ave.
Lat/Long	**	Lat/Long	**	Lat/Long	**
Start Time 0730	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0732	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time 0722	Fibers (F/cc): 0.000
Time: 1140	Conc (mg/m ³): 0.035 TWA (mg/m ³): 0.030	Time: 1142	Conc (mg/m ³): 0.003 TWA (mg/m ³): 0.000	Time:	Fibers (F/cc):
End Time 1622	Conc (mg/m ³): 0.021 TWA (mg/m ³): 0.024	End Time 1624	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time 1630	Fibers (F/cc): 0.000
Total Run Time (Min.)	532	Total Run Time (Min.)	532	Total Run Time Min=	548
Monitor Fault	N	Monitor Fault	N	Monitor Fault	N

MET Station on Site?: Yes	START-3 Signature/Date: 	01-24-14
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Comments:
 Local Weather: Low: 18°F; High: 50°F; Winds light to 4 – 6 mph from the north. Mostly clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.
 - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 24 January 2014 07:20:20 To:- 24 January 2014 16:31:50


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/25/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0715	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0720	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0725	Fibers (F/cc): 0.000
Time:	1203	Conc (mg/m ³): 0.001 TWA (mg/m ³): 0.001	Time:	1207	Conc (mg/m ³): 0.005 TWA (mg/m ³): 0.002	Time:		Fibers (F/cc):
End Time	1630	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.001	End Time	1635	Conc (mg/m ³): 0.002 TWA (mg/m ³): 0.002	End Time	1637	Fibers (F/cc): 0.000
Total Run Time (Min.)		555	Total Run Time (Min.)		555	Total Run Time Min=		552
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-25-14


Comments:

Local Weather: Low: 27°F; High: 56°F; Winds light to 4 – 6 mph from the north. Clear skies.

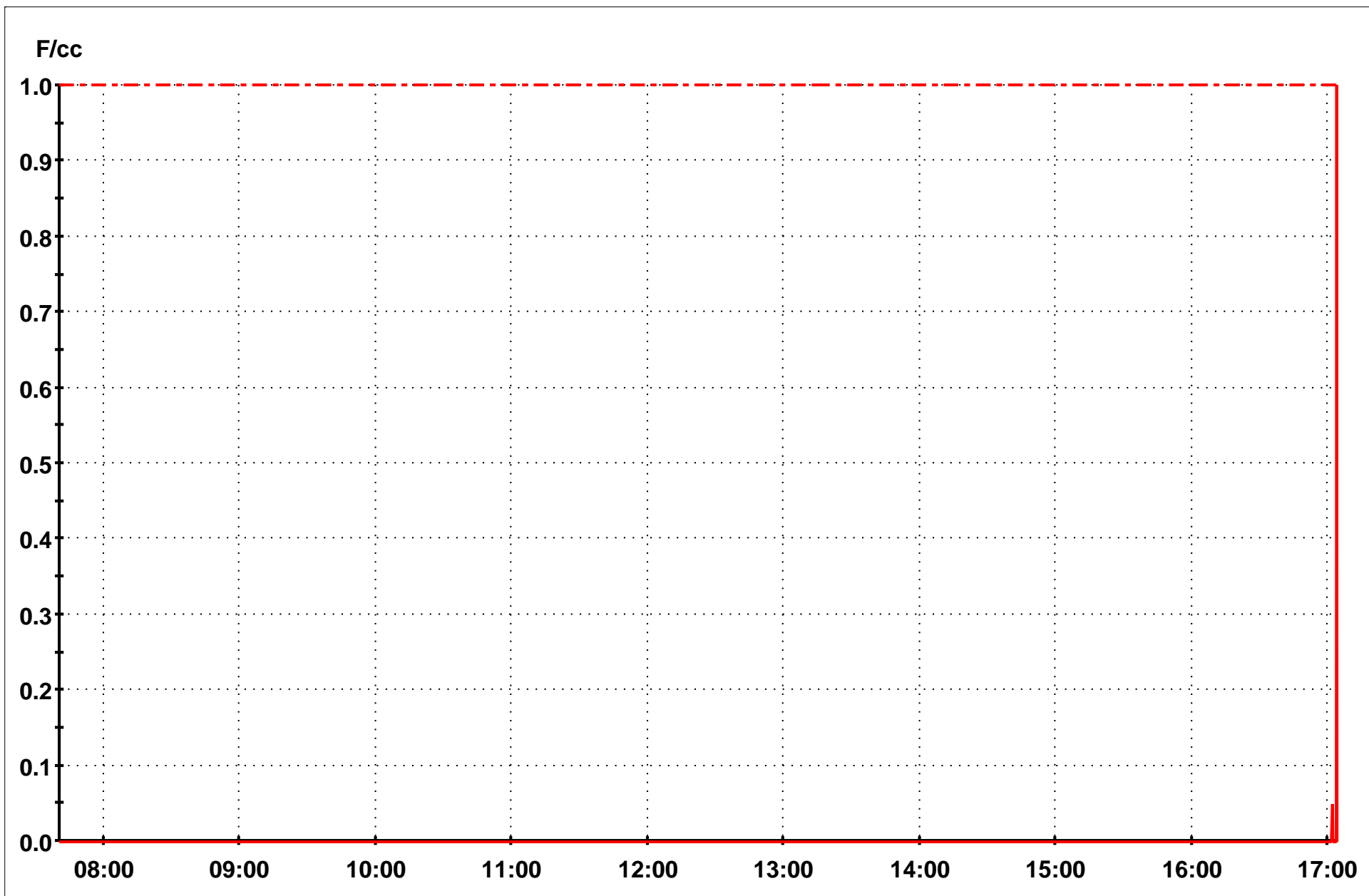
TWA – Time weighted Average

* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.

 - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 25 January 2014 07:40:44 To:- 25 January 2014 17:03:44


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/26/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

Station #	5**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0738	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0735	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0800	Fibers (F/cc): 0.000
Time:	1130	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:	1133	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:		Fibers (F/cc):
End Time	1610	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1615	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1620	Fibers (F/cc): 0.000
Total Run Time (Min.)		512	Total Run Time (Min.)		520	Total Run Time Min=		500
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-26-14


Comments:

Local Weather: Low: 32°F; High: 61°F; Winds light to 3 - 4 mph from the northwest. Clear skies.

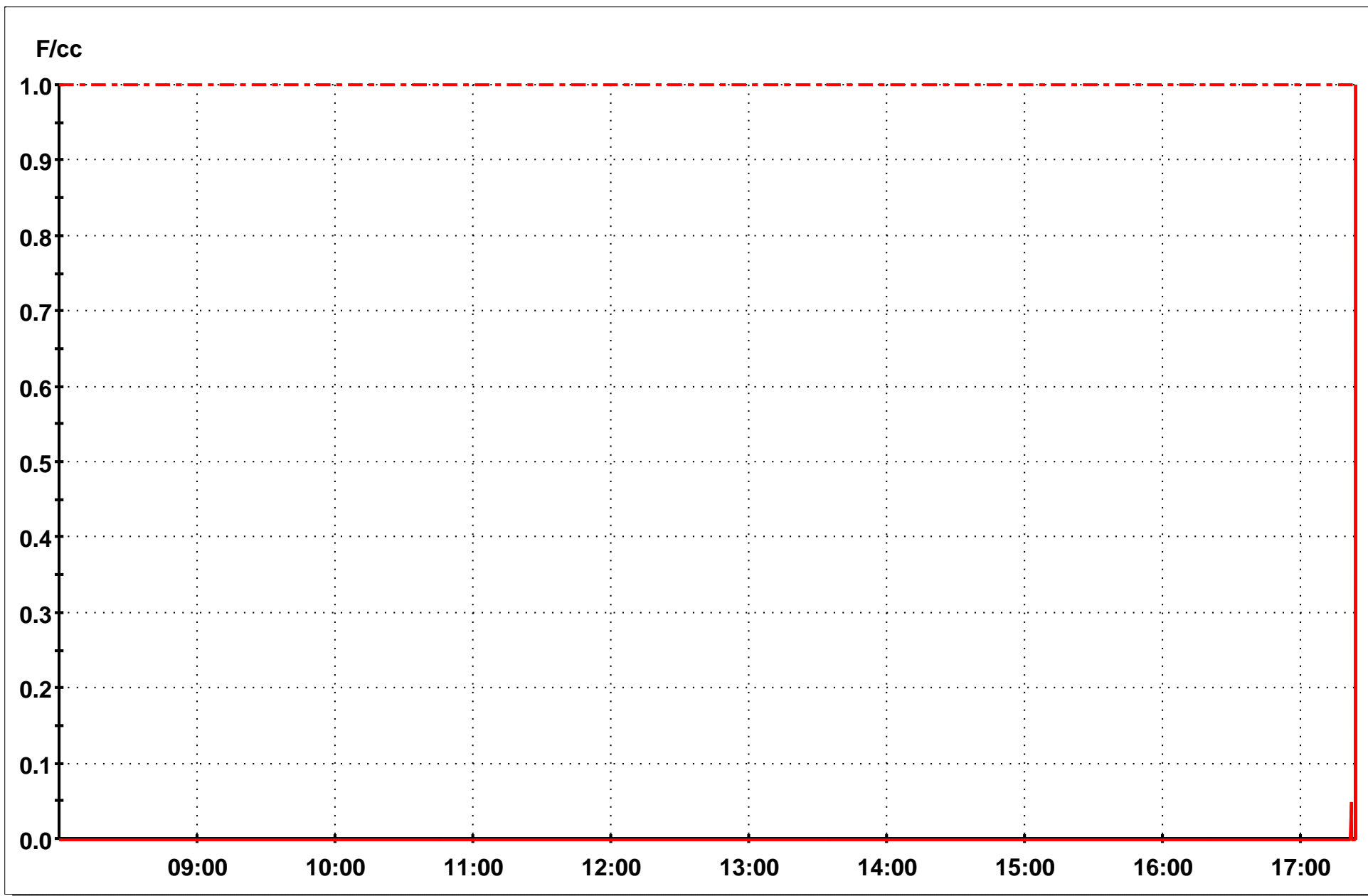
TWA – Time weighted Average

* - Monitor # (S/N): See equipment log for serial numbers.

** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.

 - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 26 January 2014 08:00:18 To:- 26 January 2014 17:23:18


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/27/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

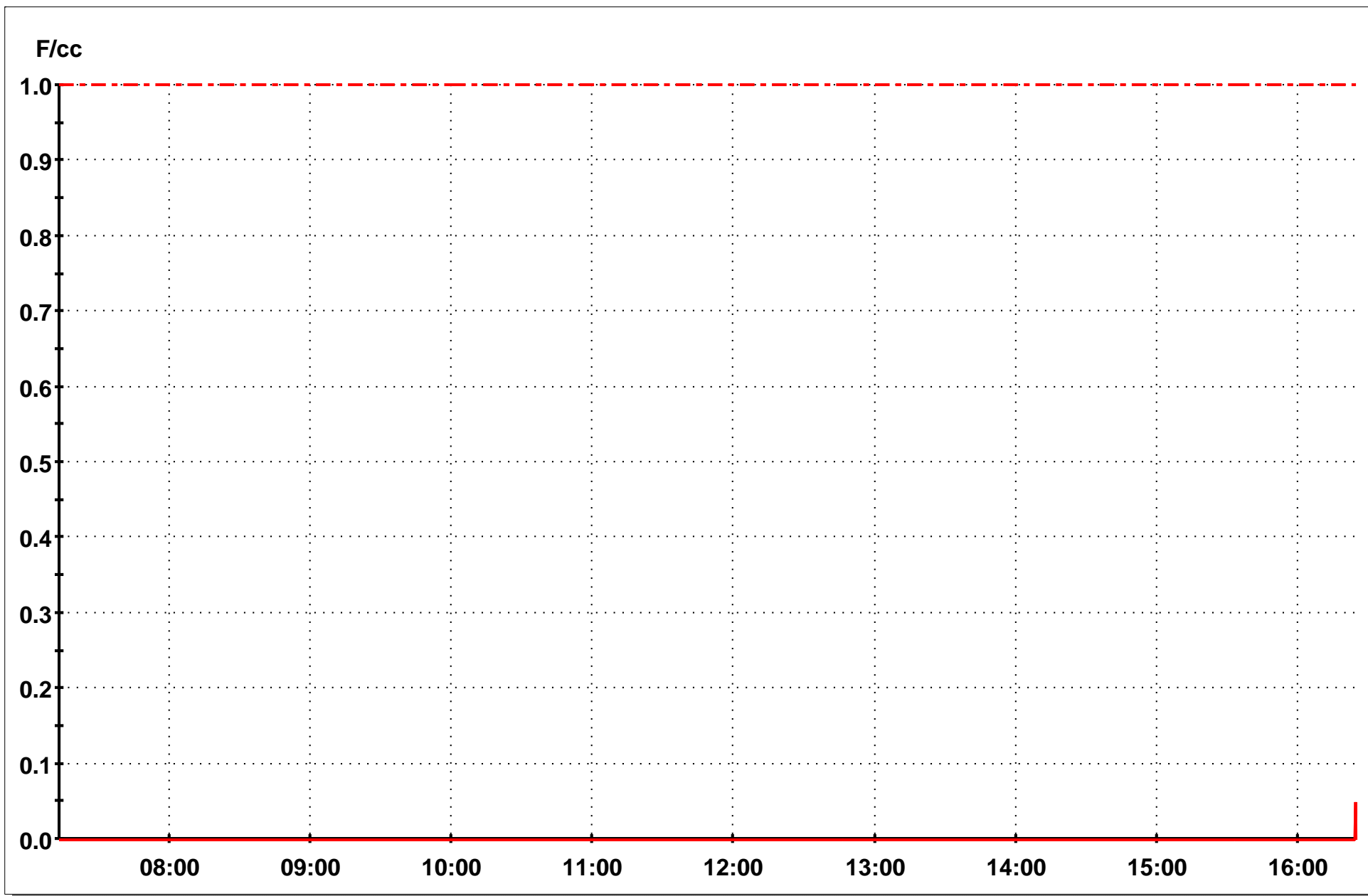
Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0715	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0725	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0717	Fibers (F/cc): 0.000
Time:	1145	Conc (mg/m ³): 0.008 TWA (mg/m ³): 0.002	Time:	1147	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:		Fibers (F/cc):
End Time	1615	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.001	End Time	1620	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1625	Fibers (F/cc): 0.000
Total Run Time (Min.)		540	Total Run Time (Min.)		535	Total Run Time Min=		548
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-27-14

Comments:
 Local Weather: Low: 33°F; High: 53°F; Winds light to 6 – 8 mph from the north early, switching to southern winds late. Mostly clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.
☐ - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 27 January 2014 07:13:17 To:- 27 January 2014 16:24:17


DAILY AIR MONITORING SHEET

Site: Southwest Vermiculite
 Sampler(s): Noel Biscocho
 Date: 01/28/14

TDD#: 1/Dynamac-077-13-001
 U.S. EPA OSC: Mike McAteer
 START-3 Site Manager: John Koehnen

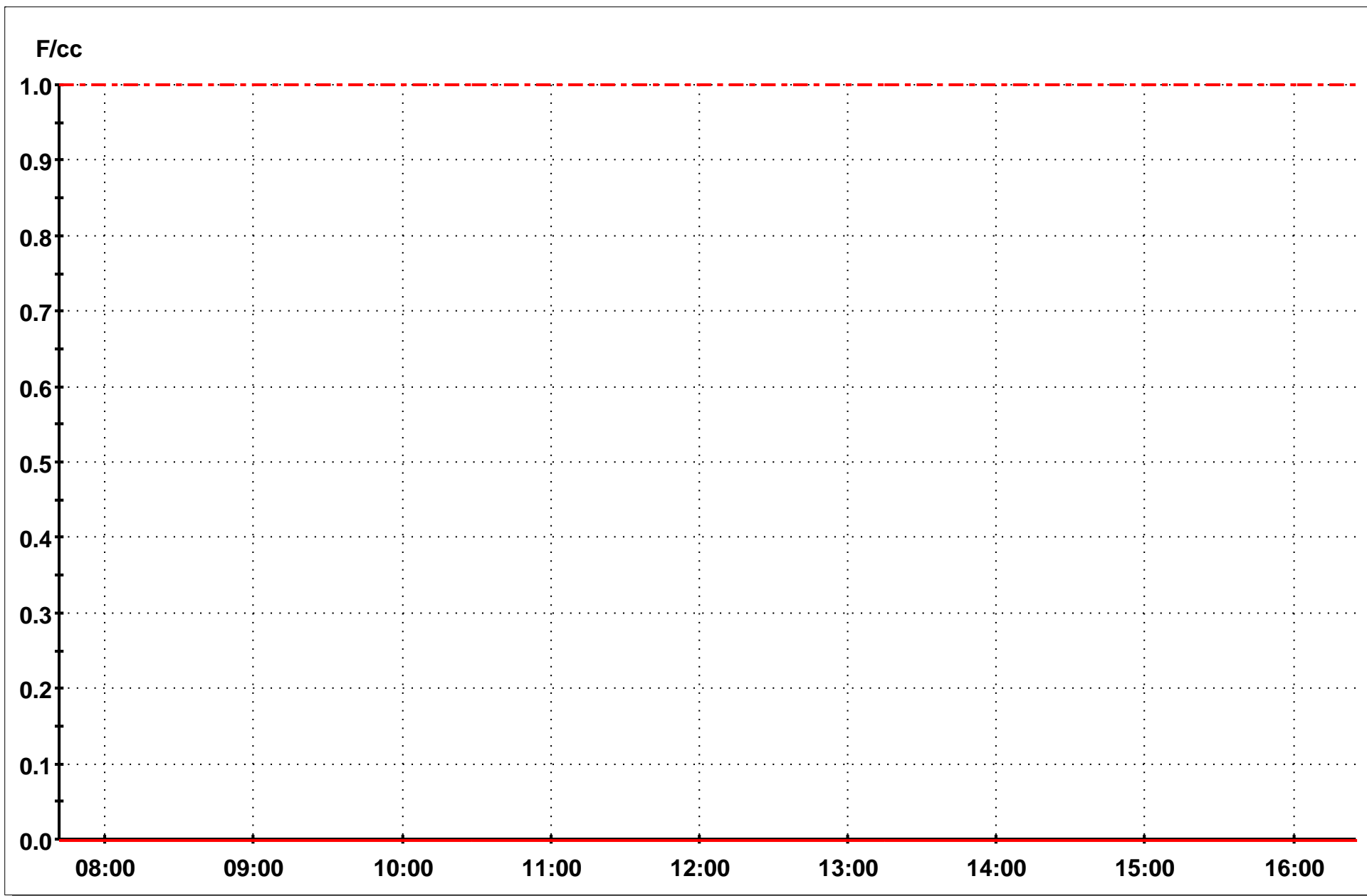
Station #	1**	Personal Data RAM	Station #	6**	Personal Data RAM	Station #	10**	FAM-1 (Fibrous Aerosol Monitor)
Monitor S/N		7*	Monitor S/N		8*	Monitor S/N		11*
Location		Area A	Location		Area A	Location		15 Haines Ave.
Lat/Long		**	Lat/Long		**	Lat/Long		**
Start Time	0715	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0719	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Start Time	0725	Fibers (F/cc): 0.000
Time:	1302	Conc (mg/m ³): 0.025 TWA (mg/m ³): 0.010	Time:	1305	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	Time:		Fibers (F/cc):
End Time	1602	Conc (mg/m ³): 0.032 TWA (mg/m ³): 0.010	End Time	1604	Conc (mg/m ³): 0.000 TWA (mg/m ³): 0.000	End Time	1610	Fibers (F/cc): 0.000
Total Run Time (Min.)		527	Total Run Time (Min.)		525	Total Run Time Min=		525
Monitor Fault		N	Monitor Fault		N	Monitor Fault		N

MET Station on Site?: Yes

START-3 Signature/Date:  01-28-14

Comments:
 Local Weather: Low: 24°F; High: 53°F; Winds light to moderate at 8 - 10 mph from the northwest. Mostly clear skies.
 TWA – Time weighted Average
 * - Monitor # (S/N): See equipment log for serial numbers.
 ** - Location, Station Number and Lat/Long: See GPS and Figure 4 on file.
 - Not collected.

FAM-1



— Voltage - - - High Alarm

From:- 28 January 2014 07:41:29 To:- 28 January 2014 16:25:09