Field Data Worksheet			
Date (MM/DD/YYYY) Verify Date and Times are Accurate	6-23-2015		
Monitor Operator(s) Name (Add names in test notes when multiple field operators are being used)	Anthony Ross, Kae Trine		
Maintenance (Check Applicable Box)	**Yes**	**No**	**Comment**
Batteries Charged	✓		
Cleaned PM2.5 Impactors and Impactor Inserts (greased inserts)	✓		
Cleaned Sampling Lines	✓		
QA/QC			
Pre-Sample Flow Rate (SLPM) (Flow standard must read 1.7 SLPM +/- 5% (between 1.785 and 1.615)	**SN: 08** 1.696	**SN: 11** 1.684	**SN: 13** 1.705
Post-Sample Flow Rate (SLPM) (Flow standard must read 1.7 SLPM +/- 5% (between 1.785 and 1.615)	**SN: 08** 1.670	**SN: 11** 1.731	**SN: 13** 1.705
General Notes (Please note if it is Raining, etc.)	Presampling Conditions RH = 47%, Temp = 77°F, Wind = NNW (9 mph) Post Sampling Conditions RH = 48%, Temp = 74°F, Wind = E (7 mph)		

(9 mph)

Test 1			
(Check all that apply) Monitor SN:	SN: 08 ✓	SN: 11 ✓	SN: 13 ✓
Zero Calibration Reading (MG/M³)	SN: 08 0.000	SN: 11 0.000	SN: 13 0.000
Concourse (North or South)	Background Test		
Location (Platform #)	Jackson Route		
Start Time (Taken from Monitor(s))	15:50		
Notes			
Rae Trine (Operator)			
End Time (Taken from Monitor(s))	16:01		

Test 2			
(Check all that apply) Monitor SN:	SN: 08 ✓	SN: 11 ✓	SN: 13 ✓
Zero Calibration Reading (MG/M³)	SN: 08 0.000	SN: 11 0.000	SN: 13 0.000
Concourse (North or South)	North		
Location (Platform #)	1-3		
Start Time (Taken from Monitor(s))	16:10		

Notes

Rac Time (Operator) - Rush Hour

- 16:10 - No backup engine on Track 3 (For First time). ~~1610 A.M~~
- 16:10 - Train on Track 1 (Metra). - This is also a First since sampling began (no trains were spotted here during previous sampling)
- 16:22 - Metra arrives on track ~~1~~ A.M. 3. (Track 3). This train arrived with passengers on board.
- 16:28 - Station is Full with trains. There is an Amtrak train on one of the tracks closest to river, all other trains are Metra trains. Most Metra train engines appear to be Running.
- Values for PM2.5 are highest closest to both engines.
- 16:49 - Metra on track 1 departs.
- 16:54 - Metra arrives on track 1.

End Time (Taken from Monitor(s))	17:02

Test 3			
(Check all that apply) Monitor SN:	SN: 08 ✓	SN: 11 ✓	SN: 13 ✓
Zero Calibration Reading (MG/M³)	SN: 08 0.000	SN: 11 0.001	SN: 13 0.000
Concourse (North or South)	North		
Location (Platform #)	13-15		
Start Time (Taken from Monitor(s))	17:10		

Notes

Rae Trime (Operator) - Rush Hour

- 17:10 - Metra Trains on Tracks 13 and 15.
- 17:12 - Metra on Track 15 departs.
- 17:15 - Metra arrives on track 15.
- 17:15 - I no longer see Amtrak on Track closest to river.
- 17:17 - Metra train on Track 13 departs.

metra - 1723 - Train arrives on Track 13

metra - 1727 Train departs Track 15 - train delayed at North end idling / depart 1730

@ 1728 Amtrak train ~~fr~~ track 17

17:40 - Higher readings near concourse due to Track 17 Amtrak engine emissions near concourse (double engines). Both engines are running.

17:52 - Metra departs from track 13.

17:55 - Amtrak on track 17 ~~still~~ engines are still running.

End Time (Taken from Monitor(s))	17:56

Test 4			
(Check all that apply) Monitor SN:	SN: 08 ✓	SN: 11 ✓	SN: 13 ✓
Zero Calibration Reading (MG/M³)	SN: 08 0.000	SN: 11 0.000	SN: 13 0.000
Concourse (North or South)	North		
Location (Platform #)	5-7 (5-7)		
Start Time (Taken from Monitor(s))	18:04 (18:04)		

Notes

Anthony (operator)

- 18:04 (18:04) No Trains on Tracks 5-7. Amtrak still running engines on track 17. High reading near Concourse. There is a Metra train on track 9.
- 18:11 - Metra on Track 9 departed. Metra arrives on Track 5.
- 18:18 - Near Concourse values are really high. AmTrak on Track 17 continues to Idle.
- 18:21 - Metra departs from track 5.
- 18:26 - On Far end of platform (madison exit), readings are below 0.050 mg/m³.
- 18:29 - Metra arrives on platform/Track 11. Amtrak on Track 17 leaves station (north platform at least).
- 18:39 - Metra arrives on track 15. Metra on track 11 continues to idle.

End Time (Taken from Monitor(s))	1900

18:42 - Metra on track 11 departs. (departs).
18:45 - Concentration now below 0.100 mg/m³ near Concourse.
18:47 - Metra arrives on Track 5.
18:56 - Metra on track 15 departs. - 1900 Metra departs from track 5.

Test 5			
(Check all that apply) Monitor SN:	SN: 08 ✓	SN: 11 ✓	SN: 13 ✓
Zero Calibration Reading (MG/M³)	SN: 08 0.000	SN: 11 0.000	SN: 13 0.000
Concourse (North or South)	Background data		
Location (Platform #)	Adams Route		
Start Time (Taken from Monitor(s))	19:05		

Notes

Anthony (operator)

End Time (Taken from Monitor(s))	19:13

Test 6			
(Check all that apply) Monitor SN:	SN: 08 ✓	SN: 11 ✓	SN: 13 ✓
Zero Calibration Reading (MG/M³)	SN: 08 _____	SN: 11 _____	SN: 13 _____
Concourse (North or South)	Post Sample Zero test		
Location (Platform #)	Zero Route - Post sample Zero test Route		
Start Time (Taken from Monitor(s))	19:14		

Notes

Post Sample Zero Test.

Anthony (Operator).

End Time (Taken from Monitor(s))	19:18

Test 7			
(Check all that apply) Monitor SN:	SN: 08 _____	SN: 11 _____	SN: 13 _____
Zero Calibration Reading (MG/M^3)	SN: 08 _____	SN: 11 _____	SN: 13 _____
Concourse (North or South)			
Location (Platform #)			
Start Time (Taken from Monitor(s))			
Notes			
End Time (Taken from Monitor(s))			