

Air Sample Summary

	Baseline 11/19/2012	Test Burn 11/28/2012
Number of Sample Locations	8	8
Number of Samples Submitted for Analysis* (including metals, PAHs, VOCs)	27	27
Metals: Number of Compounds Analyzed in Each Sample	24	24
PAHs: Number of Compounds Analyzed in Each Sample	23	23
VOCs: Number of Compounds Analyzed in Each Sample	55	55
Total Number of Sample Analyses Exceeding Screening Levels	0	0

*1 sample was collected per location per analyte class (excluding field and trip blanks). Additionally a collocated sample was collected at 1 location per event per class of analytes: (8 locations + 1 collocated) x 3 analyte classes = 27samples per event.

Data Summary of Samples with Detections

Sample Location	Parameter	Region 2 Screening Value ($\mu\text{g}/\text{m}^3$)	Baseline 11/19/2012 ($\mu\text{g}/\text{m}^3$)	Test Burn Result 11/28/2012 ($\mu\text{g}/\text{m}^3$)
FBF-01	Acetone	322000	7.99 J	4.27
FBF-01	Benzene	28.75	0.873	0.677
FBF-01	Carbon Tetrachloride	1040	0.494	0.432
FBF-01	Chloromethane	939	1.16	0.978
FBF-01	Cyclohexane	62600	0.164	0.137
FBF-01	Dichlorodifluoromethane	1040	1.76	1.45
FBF-01	Ethyl Acetate	1400000	1.14	0.313
FBF-01	Ethylbenzene	2920	0.359	0.212
FBF-01	Heptane, N-	350000	0.321	0.264
FBF-01	Hexane, N-	7300	0.619	0.561
FBF-01	Isobutyl Alcohol	980000	1.56	0.989
FBF-01	Methyl Ethyl Ketone (2-Butanone)	52100	0.729	0.545
FBF-01	Methylene Chloride	6260	0.464	0.48
FBF-01	Propylene	31300	1.32	1.09
FBF-01	Tetrachloroethylene	417	0.504	0.341
FBF-01	Tetrahydrofuran	20900	ND	0.211
FBF-01	Toluene	52100	2.11	2.4
FBF-01	Trichloro-1,2,2-trifluoroethane, 1,1,2-	313000	0.628	0.532
FBF-01	Trichlorofluoromethane	7300	1.5	1.25
FBF-01	Trimethylbenzene, 1,2,4-	73	ND	0.258
FBF-01	Vinyl Acetate	2090	0.386	0.344
FBF-01	Xylene, m & p	1040	1.01	0.612
FBF-01	Xylene, o-	1040	0.423	0.23
FBF-02	Acetone	322000	8.17 J	6.62

Sample Location	Parameter	Region 2 Screening Value (µg/m3)	Baseline 11/19/2012 (µg/m ³)	Test Burn Result 11/28/2012 (µg/m ³)
FBF-02	Benzene	28.75	0.755	0.692
FBF-02	Carbon Tetrachloride	1040	0.513	0.428
FBF-02	Chloromethane	939	1.06	0.964
FBF-02	Cyclohexane	62600	0.141	0.139
FBF-02	Dichlorodifluoromethane	1040	1.42	1.5
FBF-02	Ethyl Acetate	1400000	0.65	0.331
FBF-02	Ethylbenzene	2920	0.299	0.201
FBF-02	Heptane, N-	350000	0.246	0.292
FBF-02	Hexane, N-	7300	0.505	0.558
FBF-02	Isobutyl Alcohol	980000	ND	11.1
FBF-02	Methyl Ethyl Ketone (2-Butanone)	52100	0.702	0.8
FBF-02	Methylene Chloride	6260	0.397	0.481
FBF-02	Propylene	31300	1.15	1.17
FBF-02	Sodium	NSL	5.88	ND
FBF-02	Tetrachloroethylene	417	0.46	0.289
FBF-02	Tetrahydrofuran	20900	ND	0.16
FBF-02	Toluene	52100	1.63	2.72
FBF-02	Trichloro-1,2,2-trifluoroethane, 1,1,2-	313000	0.614	0.551
FBF-02	Trichlorofluoromethane	7300	1.46	1.26
FBF-02	Trimethylbenzene, 1,2,4-	73	ND	0.275
FBF-02	Vinyl Acetate	2090	0.599	0.369
FBF-02	Xylene, m & p	1040	0.779	0.601
FBF-02	Xylene, o-	1040	0.328	0.231
FBF-03	Acetone	322000	11.3 J	ND
FBF-03	Benzene	28.75	0.848	0.7
FBF-03	Carbon Tetrachloride	1040	0.469	0.434
FBF-03	Chloromethane	939	1.04	0.919

Sample Location	Parameter	Region 2 Screening Value (µg/m3)	Baseline 11/19/2012 (µg/m ³)	Test Burn Result 11/28/2012 (µg/m ³)
FBF-03	Cyclohexane	62600	0.168	0.131
FBF-03	Dichlorodifluoromethane	1040	1.55	1.43
FBF-03	Ethyl Acetate	1400000	0.808	0.321
FBF-03	Ethylbenzene	2920	0.306	0.201
FBF-03	Heptane, N-	350000	0.304	0.262
FBF-03	Hexane, N-	7300	0.617	0.496
FBF-03	Isobutyl Alcohol	980000	1.4	2.86
FBF-03	Methyl Ethyl Ketone (2-Butanone)	52100	0.994	0.495
FBF-03	Methylene Chloride	6260	0.428	0.431
FBF-03	Propylene	31300	1.44	1.12
FBF-03	Tetrachloroethylene	417	0.417	0.268
FBF-03	Tetrahydrofuran	20900	ND	0.0918
FBF-03	Toluene	52100	1.97	1.18
FBF-03	Trichloro-1,2,2-trifluoroethane, 1,1,2-	313000	0.562	0.521
FBF-03	Trichlorofluoromethane	7300	1.4	1.19
FBF-03	Trimethylbenzene, 1,2,4-	73	ND	0.279
FBF-03	Vinyl Acetate	2090	0.561	ND
FBF-03	Xylene, m & p	1040	0.876	0.589
FBF-03	Xylene, o-	1040	0.36	0.231
FBF-04	Acetone	322000	8.64 J	5.27
FBF-04	Benzene	28.75	0.754	0.637
FBF-04	Carbon Tetrachloride	1040	0.475	0.425
FBF-04	Chloromethane	939	1.03	0.919
FBF-04	Cyclohexane	62600	0.146	0.119
FBF-04	Dichlorodifluoromethane	1040	1.45	1.44
FBF-04	Ethyl Acetate	1400000	1.17	0.305
FBF-04	Ethylbenzene	2920	0.27	0.179

Sample Location	Parameter	Region 2 Screening Value (µg/m3)	Baseline 11/19/2012 (µg/m ³)	Test Burn Result 11/28/2012 (µg/m ³)
FBF-04	Heptane, N-	350000	0.245	0.236
FBF-04	Hexane, N-	7300	0.551	0.475
FBF-04	Isobutyl Alcohol	980000	ND	0.884
FBF-04	Methyl Ethyl Ketone (2-Butanone)	52100	0.925	0.513
FBF-04	Methylene Chloride	6260	0.421	0.426
FBF-04	Propylene	31300	1.22	1.05
FBF-04	Tetrachloroethylene	417	0.422	0.244
FBF-04	Toluene	52100	1.71	2.39
FBF-04	Trichloro-1,2,2-trifluoroethane, 1,1,2-	313000	0.593	0.516
FBF-04	Trichlorofluoromethane	7300	1.45	1.17
FBF-04	Trimethylbenzene, 1,2,4-	73	ND	0.235
FBF-04	Vinyl Acetate	2090	0.515	0.303
FBF-04	Xylene, m & p	1040	0.783	0.507
FBF-04	Xylene, o-	1040	0.32	0.204
FBF-05	Acetone	322000	ND	8
FBF-05	Benzene	28.75	0.832	0.688
FBF-05	Carbon Tetrachloride	1040	0.478	0.417
FBF-05	Chloromethane	939	1.1	0.91
FBF-05	Cyclohexane	62600	0.166	0.126
FBF-05	Dichlorodifluoromethane	1040	1.84	1.43
FBF-05	Dichloroethylene, 1,2-cis-	790	ND	0.126
FBF-05	Ethyl Acetate	1400000	3.47	0.341
FBF-05	Ethylbenzene	2920	0.346	0.188
FBF-05	Heptane, N-	350000	0.292	0.235
FBF-05	Hexane, N-	7300	0.545	0.428
FBF-05	Isobutyl Alcohol	980000	ND	1.9
FBF-05	Methyl Ethyl Ketone (2-Butanone)	52100	1.94	0.905

Sample Location	Parameter	Region 2 Screening Value (µg/m3)	Baseline 11/19/2012 (µg/m ³)	Test Burn Result 11/28/2012 (µg/m ³)
FBF-05	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	31300	ND	1.8
FBF-05	Methylene Chloride	6260	0.42	0.418
FBF-05	Propylene	31300	1.35	1.21
FBF-05	Styrene	10400	0.128	ND
FBF-05	Tetrachloroethylene	417	0.885	0.264
FBF-05	Toluene	52100	1.9	1.09
FBF-05	Trichloro-1,2,2-trifluoroethane, 1,1,2-	313000	0.581	0.477
FBF-05	Trichlorofluoromethane	7300	1.43	1.14
FBF-05	Trimethylbenzene, 1,2,4-	73	ND	0.255
FBF-05	Vinyl Acetate	2090	0.503	0.601
FBF-05	Xylene, m & p	1040	1.07	0.536
FBF-05	Xylene, o-	1040	0.422	0.211
FBF-06	Acetone	322000	11.9	5.61
FBF-06	Benzene	28.75	0.931	0.848
FBF-06	Carbon Tetrachloride	1040	0.471	0.417
FBF-06	Chloromethane	939	1.04	0.929
FBF-06	Cyclohexane	62600	ND	0.154
FBF-06	Dichlorodifluoromethane	1040	1.58	1.43
FBF-06	Ethyl Acetate	1400000	0.885	0.363
FBF-06	Ethylbenzene	2920	0.351	0.232
FBF-06	Heptane, N-	350000	0.372	0.325
FBF-06	Hexane, N-	7300	0.79	0.631
FBF-06	Isobutyl Alcohol	980000	ND	1.16
FBF-06	Methyl Ethyl Ketone (2-Butanone)	52100	0.748	0.666
FBF-06	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	31300	ND	1.21

Sample Location	Parameter	Region 2 Screening Value (µg/m3)	Baseline 11/19/2012 (µg/m ³)	Test Burn Result 11/28/2012 (µg/m ³)
FBF-06	Methylene Chloride	6260	0.416	0.433
FBF-06	Propylene	31300	1.53	1.45
FBF-06	Tetrachloroethylene	417	0.435	0.24
FBF-06	Toluene	52100	2.14	4.17
FBF-06	Trichloro-1,2,2-trifluoroethane, 1,1,2-	313000	0.6	0.519
FBF-06	Trichlorofluoromethane	7300	1.43	1.18
FBF-06	Trimethylbenzene, 1,2,4-	73	ND	0.346
FBF-06	Vinyl Acetate	2090	0.652	0.331
FBF-06	Xylene, m & p	1040	1.07	0.708
FBF-06	Xylene, o-	1040	0.416	0.274
FBF-07	Acetone	322000	ND	6.4
FBF-07	Benzene	28.75	0.849	0.672
FBF-07	Carbon Tetrachloride	1040	0.471	0.435
FBF-07	Chloromethane	939	1.07	0.982
FBF-07	Cyclohexane	62600	0.187	0.126
FBF-07	Dichlorodifluoromethane	1040	1.49	1.44
FBF-07	Ethyl Acetate	1400000	0.531	0.274
FBF-07	Ethylbenzene	2920	0.319	0.385
FBF-07	Heptane, N-	350000	0.317	0.247
FBF-07	Hexane, N-	7300	0.638	0.481
FBF-07	Isobutyl Alcohol	980000	ND	1.35
FBF-07	Methyl Ethyl Ketone (2-Butanone)	52100	0.644	0.936
FBF-07	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	31300	ND	1.23
FBF-07	Methylene Chloride	6260	0.438	0.432
FBF-07	Propylene	31300	1.3	1.15
FBF-07	Tetrachloroethylene	417	0.714	0.604

Sample Location	Parameter	Region 2 Screening Value (µg/m3)	Baseline 11/19/2012 (µg/m ³)	Test Burn Result 11/28/2012 (µg/m ³)
FBF-07	Tetrahydrofuran	20900	ND	0.0986
FBF-07	Toluene	52100	1.94	1.32
FBF-07	Trichloro-1,2,2-trifluoroethane, 1,1,2-	313000	0.602	0.523
FBF-07	Trichloroethylene	21	ND	0.172
FBF-07	Trichlorofluoromethane	7300	1.43	1.2
FBF-07	Trimethylbenzene, 1,2,4-	73	ND	0.212
FBF-07	Vinyl Acetate	2090	0.522	0.479
FBF-07	Xylene, m & p	1040	0.936	0.732
FBF-07	Xylene, o-	1040	0.376	0.357
FBF-08	Acetone	322000	10.9 J	ND
FBF-08	Benzene	28.75	0.879	0.591
FBF-08	Carbon Tetrachloride	1040	0.485	0.442
FBF-08	Chloromethane	939	1.11	0.907
FBF-08	Cyclohexane	62600	ND	0.124
FBF-08	Dichlorodifluoromethane	1040	1.45	1.3
FBF-08	Ethyl Acetate	1400000	0.527	0.264
FBF-08	Ethylbenzene	2920	0.332	0.161
FBF-08	Heptane, N-	350000	0.315	0.219
FBF-08	Hexane, N-	7300	0.668	0.431
FBF-08	Isobutyl Alcohol	980000	ND	1.54
FBF-08	Methyl Ethyl Ketone (2-Butanone)	52100	0.837	ND
FBF-08	Methylene Chloride	6260	0.476	0.412
FBF-08	Propylene	31300	1.49	0.922
FBF-08	Tetrachloroethylene	417	0.478	0.28
FBF-08	Toluene	52100	1.99	1.25
FBF-08	Trichloro-1,2,2-trifluoroethane, 1,1,2-	313000	0.629	0.521
FBF-08	Trichlorofluoromethane	7300	1.52	1.19

Sample Location	Parameter	Region 2 Screening Value (µg/m3)	Baseline 11/19/2012 (µg/m ³)	Test Burn Result 11/28/2012 (µg/m ³)
FBF-08	Trimethylbenzene, 1,2,4-	73	ND	0.204
FBF-08	Vinyl Acetate	2090	0.746	0.309
FBF-08	Xylene, m & p	1040	0.957	0.463
FBF-08	Xylene, o-	1040	0.387	0.185