

**Voluntary Emissions Reductions Reports (VERR)
2003 Ozone Season: 06/16 - 09/15 = 91 Summer Days**

Date: 12/19/2003

SUMMARY: Voluntary Emission Reduction Reports

The goal of the "Voluntary Emission Reduction Plan" prepared by Greater Louisville, Inc. (GLI) indicated that local business and industry could voluntarily reduce ozone precursor emissions by approximately 5,675.3 lbs per summer day (pp/sd). On June 18, 2003, the Louisville Metro Air Pollution Control Board adopted a resolution requiring stationary sources to submit a Voluntary Emission Reduction Report (VERR) to the Louisville Metro Air Pollution Control District (LMAPCD) documenting and quantifying their voluntary emissions reductions. This data is summarized below:

Total number of Title V-permitted facilities subject to the voluntary emission reduction reporting (VERR) requirement:	43
Total number of FEDOOP-permitted facilities subject to the voluntary emission reduction reporting (VERR) requirement:	110
Total number of Minor Source-permitted facilities subject to the voluntary emission reduction reporting (VERR) requirement:	<u>1</u>
Total number of permitted facilities subject to the voluntary emission reduction reporting (VERR) requirement:	154
Total number of permitted facilities who submitted voluntary emission reduction reports (VERR):	143 92.9%
Total number of permitted facilities who did not submit voluntary emission reduction reports (VERR):	<u>11 7.1%</u>
Total number of voluntary emission reduction reports (VERR) that should have been submitted:	154
Total number of permitted facilities who implemented emission reduction strategies during the 2003 Ozone Season:	99
Total number of permitted facilities who did not implement emission reduction strategies during the 2003 Ozone Season:	45
Accomplished daily reduction of VOC emissions achieved by emission reduction strategies (pounds per summer day):	3,710.0
Accomplished daily reduction of NOx emissions achieved by emission reduction strategies (pounds per summer day):	<u>7,916.5</u>
Total accomplished daily estimated reduction of ozone precursors (pounds per summer day):	11,626.5
Accomplished total reduction of VOC emissions achieved by emission reduction strategies (tons during the Ozone Season):	148.8
Accomplished total reduction of NOx emissions achieved by emission reduction strategies (tons during the Ozone Season):	<u>444.7</u>
Total accomplished total estimated reduction of ozone precursors (tons during the Ozone Season):	593.5
Accomplished daily reduction of VOC emissions achieved due to decreased production (pounds per summer day):	860.1
Accomplished daily reduction of NOx emissions achieved due to decreased production (pounds per summer day):	<u>61.6</u>
Total accomplished daily estimated reduction of ozone precursors due to decreased production (pounds per summer day):	921.8
(Note: Not all facilities provided information on emissions reduction attributable to decreased production due to the economy.)	
Accomplished total reduction of VOC emissions achieved due to decreased production (tons during the Ozone Season):	34.7
Accomplished total reduction of NOx emissions achieved due to decreased production (tons during the Ozone Season):	<u>2.1</u>
Total accomplished total estimated reduction of ozone precursors due to decreased production (tons during the Ozone Season):	36.8
(Note: Not all facilities provided information on emissions reduction attributable to decreased production due to the economy.)	

Largest Total Voluntary Emission Reductions	
Company	VOC (tons)
Ford - Louisville Assembly Plant	30.2
Carbide Industries	27.8
American Synthetic Rubber Company	18.9
Reynolds Metals Company - Foil Plant	14.6
Du Pont Dow Elastomers	9.1

Largest Total Voluntary Emission Reductions	
Company	NOx (tons)
LG&E - Cane Run Station	206.0
Kosmos Cement	146.9
LG&E - Mill Creek Station	26.0
American Synthetic Rubber Company	24.4
United Parcel Service	24.0

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ID	Company Name	APCD Plant ID	Permit Class	Date Received	Did Company Reduce Emissions?		Average Daily Accomplished Voluntary Emission Reductions		Total Accomplished Voluntary Emission Reductions		Emission Reduction Strategy	Average Daily Emission Reductions Attributed to Decreased Production		Total Emission Reductions Attributed to Decreased Production	
					Yes	No	VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)		VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)
1	Action Graphics, Inc.	0439	FEDOOP	11/25/03	Yes						Raw material substitution. Emission reduction strategies already in place.				
2	Akzo Nobel Resins	0185	TITLE V	11/17/03		No									
3	A. L. Hansen Paint & Metal Shop	1034	FEDOOP	10/13/03	Yes						Employee awareness and training				
4	Alcan Aluminum Corporation	0014	TITLE V	10/23/03	Yes							121.0	4.4	5.60	0.27
5	Algood Food Company	1440	FEDOOP	11/21/03	Yes		45.1		1.47		Raw material substitution.				
6	Allied Drum Services	0002	TITLE V	11/25/03	Yes		24.1		0.78		Raw material substitution.				
7	Allied Ready Mix (Washington Street)	0004	MINOR	11/26/03	Yes			TBD		TBD	Process modification. Boiler optimization.				
8	American Bluegrass Marble Company	0437	TITLE V	11/24/03	Yes						Raw material substitution.				
9	American Synthetic Rubber	0011	TITLE V	05/25/03	Yes		416.3	537.2	18.94	24.44	Process shutdown. Employee awareness & training.				
10	Anson Industries, LLC	1406	FEDOOP	11/26/03		No						2.5		0.081	
11	Applied Surface Technologies, Inc.	0294	FEDOOP	12/02/03	Yes		12.9		0.42						
12	Applied Surface Technologies, Inc.	1338	FEDOOP	12/02/03	Yes		12.9		0.42						
13	Applied Surface Technologies, Inc.	1448	FEDOOP	12/02/03	Yes		6.5		0.21						
14	Art Etc., Inc.	1299	FEDOOP	11/18/03	Yes		TBD				Raw material substitution. Process modification.				
15	Ashland Chemical Inc.	0246	FEDOOP	07/07/03		No					Emission reduction strategies already in place.				
16	Atkemix Ten Inc. (AstraZeneca)	1225	FEDOOP	11/20/03		No									
17	ATOFINA Chemicals	1294	TITLE V	12/01/03	Yes		2.0		0.09		Implement Leak Detection and Repair (LDAR) Program.				
18	Auto, Truck, & Fiberglass	1006	FEDOOP	11/20/03		No					Process modification.				
19	B. P. Amoco	0084	FEDOOP	11/05/03		No					Emissions are already low. Performed VOC emission test on vapor recovery unit to determine collection efficiency.				
20	Baptist Hospital East	0716	FEDOOP	12/01/03	Yes		TBD	TBD	TBD	TBD	Install energy efficient light fixtures. Optimize boiler operation.				
21	Beechmont Press, Inc.	0299	FEDOOP	12/01/03	Yes		TBD				Company emissions already low.				
22	Bill Collins Ford, Inc.	1061	FEDOOP	07/07/03		No					Modify production schedule.				
23	Blatz Paint Company, Inc.	0025	FEDOOP	11/25/03	Yes						Raw material substitution. Emission reduction strategies already in place.				
24	Blue Grass Cooperage (Brown-Forman)	0026	TITLE V	12/02/03		No					Modified production schedule.				
25	Bohn Fiberglass Industries, Inc.	0386	FEDOOP	12/01/03		No					Reduced production schedule.				
26	Borden Chemical, Inc.	0028	TITLE V	07/16/03	Yes		18.7	6.6	0.85	0.30	Process shutdown.				
27	Brown-Cullen Company	0495	FEDOOP	11/19/03	Yes		TBD				Modified production schedule. Employee awareness & training.				

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					Yes	No	VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)		VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)
28	Brown-Forman Distillery (Howard St.)	0031	FEDOOP	12/02/03		No					Modified production schedule.				
29	Brown-Forman Distillery (Early Times)	0244	TITLE V	12/02/03		No					Modified production schedule.	433.2		19.71	
30	Builders Metal Supply	0335	FEDOOP	10/29/03		No									
31	C&O Precision Collision Center	1408	FEDOOP	12/01/03	Yes		TBD				Company emissions already low. Employee awareness & training.				
32	Caldwell Tanks	0034	TITLE V	12/12/03		No					Emission reduction strategies already in place.	46.0		1.50	
33	Carbide Industries LLC	0001	TITLE V	12/01/03	Yes		611.0	2.6	27.80	0.12	Process shutdown. Raw material substitution. Reduced lawncare activities. Employee awareness & training.				
34	Cardinal Kitchens, Inc.	0460	FEDOOP	12/01/03		No					Emission reduction strategies already in place.				
35	Caritas Medical Center	760	FEDOOP	12/01/03	Yes		TBD	TBD	TBD	TBD	Install E2 light fixtures. Optimize boiler operation. Postpone maintenance activities. Modify/increase building insulation.				
36	Challenger Lifts	0233	FEDOOP	12/01/03		No									
37	Chemcentral/Louisville	0059	FEDOOP	11/21/03		No									
38	Chevron USA (Bells Lane Facility)	0214	FEDOOP	11/26/03	Yes		12.8		0.58		Postpone AST painting projects until after ozone season. Optimize performance of Vapor Recovery Unit. Reduced lawncare activities.				
39	CITGO Petroleum Corporation	0225	FEDOOP	07/08/03		No					Emission reduction strategies already in place.				
40	Clifford's, Inc.	0434	FEDOOP	12/03/03	Yes						Modified production schedule. Optimized production efficiency.				
41	Color Corporation of America	0152	FEDOOP												
42	Commercial Pavers	0290	FEDOOP	11/26/03	Yes						Employee awareness & training. Process modification. Modified production schedule.				
43	Component Finishing Unlimited	0322	FEDOOP	11/26/03	Yes						Company has and continues to pursue use of low-VOC coatings.				
44	CONCO, Inc.	0047	TITLE V	07/15/03		No									
45	Cone Solvents, Inc.	0740	FEDOOP	12/01/03		No									
46	Corhart Refractories	0051	TITLE V	11/17/03		No						0.2	0.0	0.01	0.00
47	Courier-Journal	0053	FEDOOP	11/26/03	Yes			0.01		0.00	Optimize boiler operation. Switch boiler fuel from diesel to natural gas.				
48	Covenant Industries, Inc.	1365	FEDOOP	12/01/03	Yes		2.0		0.07		Raw material substitution. Process optimization.				

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					Yes	No	VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)		VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)
49	D.D. Williamson Company	0808	FEDOOP	12/01/03	Yes						Postpone maintenance activities.				
50	DuPont Dow Elastomers, LLC	1259	TITLE V	11/03/03	Yes		196.8		9.05		Process modification. Process shutdown.				
51	E I du Pont de Nemours & Co.	0062	TITLE V	12/01/03	Yes		23.0	1.5	1.05	0.07	Process shutdown. Employee awareness & training.	20.0			
52	Eckart Aluminum L.P.	0187	TITLE V	11/21/03	Yes		185.0		6.38		Process equipment modification.				
53	Engelhard Corp. (Harshaw Chemical)	0086	FEDOOP	11/20/03	Yes		2.5		0.08		Raw material substitution. Product reformulation.				
54	Fabricated Metals Inc.	1404	FEDOOP	12/01/03	Yes						Raw material substitution.				
55	FIBA Technologies, Inc.	0363	FEDOOP	10/14/03	Yes						Raw material substitution. Process optimization.				
56	Florida Distillers Company	0461	FEDOOP	12/04/03		No									
57	Flynn Brothers Contracting	0415	FEDOOP	12/17/03	Yes		TBD	TBD	TBD	TBD	Reduce the temperature of the asphalt mix during production.				
58	Ford Motor Co. (KY Truck Plant)	0073	TITLE V	11/24/03	Yes		147.3		6.70		Raw material substitution. Process modification Employee awareness & training. Process shutdown.				
59	Ford Motor Co. (Lou. Assembly Plant)	0072	TITLE V	11/21/03	Yes		929.2		30.20		Raw material substitution. Process/equipment modification. Employee awareness & training.				
60	Forth Technologies, Inc.	1231	FEDOOP	12/01/03	Yes		3.0		0.10		Raw material substitution. Process modification Employee awareness & training.				
61	Gateway Press, Inc.	0617	FEDOOP	11/19/03		No									
62	GE Appliances	0870	TITLE V	11/24/03	Yes		31.2		1.03		Process shutdown.				
63	General Shale Products, LLC	0079	TITLE V	12/01/03	Yes			1.4		0.06	Implement E2 projects associated with the production process.				
64	Gohmann Asphalt & Construction of KY	0628	FEDOOP	11/25/03	Yes			241.3		1.50	Supplement natural gas usage with landfill gas. Process shutdown.				
65	Golden Foods, LLC	0291	FEDOOP	11/24/03		No									
66	Griffin & Company, Inc.	0328	FEDOOP	11/25/03	Yes		1.9		0.06		Raw material substitution.	1.9		0.06	
67	Hall's Collision Center	1012	FEDOOP				TBD				Raw material substitution.	TBD			
68	Heaven Hill Distilleries, Inc.	0243	FEDOOP	11/25/03	Yes						Reduced boiler operation.				
69	Hesco Parts	0317	FEDOOP	12/01/03	Yes							110.6		3.65	
70	Hoffman Trailer Company, Inc.	0519	FEDOOP	07/14/03	Yes		TBD				Raw material substitution.	TBD			
71	HyKlas Paints	0094	FEDOOP	11/21/03	Yes		23.6		0.77		Postpone resealing facility roof until after the ozone season.				
72	Independent Concrete Pipe Company	0107	FEDOOP	11/26/03		No					Company emissions already low.				

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					Yes	No	VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)		VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)
73	Industrial Fiberglass Systems	0377	FEDOOP	11/18/03		No	4.6		0.15		Already implemented emission reduction/pollution prevention measures in the past and have purchased another low VOC chopper gun.	10.7		0.35	
74	Instant Products	1127	FEDOOP								Company emissions already low.				
75	Ivy Hill Corporation	0531	FEDOOP	11/19/03		No					Emission reduction strategies already in place.				
76	Kelley Technical Coatings	0103	FEDOOP												
77	Kent Feeds, Inc.	0019	FEDOOP												
78	Kentucky Manufacturing Corporation	0109	TITLE V												
79	Kentucky Metal Products	0110	FEDOOP	12/01/03		No					Emission reduction strategies already in place.				
80	Kindred Hospital - Louisville	0191	FEDOOP	11/19/03	Yes			TBD			Optimize boiler efficiency.		TBD		
81	Kosmos Cement Co	0060	TITLE V	12/01/03	Yes			3228.0		146.87	Process modification. Process optimization. Employee awareness & training.				
82	Lanning Chemical Company	0276	FEDOOP	12/01/03	Yes		2.7		0.09		Raw material substitution. Product reformulation.	2.7		0.09	
83	Lan Tech Industries	0556	FEDOOP	12/01/03	Yes						Emission reduction strategies already in place.				
84	Louisville & Jefferson County Riverport	0296	FEDOOP	12/01/03		No					Emissions are already low.				
85	Louisville Gas & Electric, Cane Run	0126	TITLE V	11/19/03	Yes			2692.8		206.00	Installation of low NOx burners in Unit CR5.				
86	Louisville Gas & Electric, Mill Creek	0127	TITLE V	11/19/03	Yes			339.9		26.00	Installation of Selective Catalytic Reactors (SCR) on Units MC3 and MC4.				
87	Louisville Gas & Electric, Paddy's Run	0125	TITLE V	11/19/03		No					Employee awareness & training.				
88	Louisville Gas & Electric, Waterside	0668	TITLE V	11/19/03		No					Employee awareness & training.				
89	Louisville Gas & Electric, Zorn	1248	TITLE V	11/19/03		No					Employee awareness & training.				
90	Louisville Lumber & Millwork	0132	FEDOOP	12/01/03	Yes						Postponed maintenance activities.				
91	Louisville Medical Center Steam Plant	0148	TITLE V	11/26/03	Yes			101.0		4.60	Optimize boiler efficiency.				
92	Louisville Paving	0133	FEDOOP	11/26/03	Yes						Employee awareness & training. Process modification. Modified production schedule.				
93	Manning Equipment	1402	FEDOOP	11/24/03	Yes						Raw material substitution.				
94	Marathon Ashland, Kramers Terminal	0143	FEDOOP	11/24/03		No					Emission reduction strategies already in place.				
95	Marathon Ashland, Algonquin Terminal	0741	TITLE V	11/24/03		No					Emission reduction strategies already in place.				
96	Marcus Paint Company	0144	FEDOOP	11/17/03	Yes		TBD	TBD	TBD	TBD	Product reformulation. Raw material substitution. Energy efficiency.	TBD	TBD	TBD	TBD

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					Yes	No	VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)		VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)	
97	Matsuda, Inc.	1200	FEDOOP	11/19/03		No										
98	Multi-Metals Div (Vermont American)	0754	FEDOOP	11/26/03	Yes						Postponed maintenance activities. Reduced lawncare activities Introduction of energy efficiency measures.					
99	National Products Inc.	0160	FEDOOP	11/18/03		No										
100	National Tobacco Co.	0119	FEDOOP	12/01/03	Yes			1.0		0.04	Optimize boiler efficiency. Reduce boiler operation.	4.3		0.14		
101	Nelson B. Boone Company	0440	FEDOOP	12/01/03	Yes		1.4		0.05		Reduced production schedule. Increased production efficiency.	1.4		0.05		
102	Niemco Fabricators	1148	FEDOOP	11/26/03	Yes		TBD	TBD			Introduction of energy efficiency measures. Modified production schedule.					
103	Noveon, Inc.	0082	TITLE V	12/04/03	Yes		0.5	0.2	0.02	0.01	Employee training & awareness. Raw material substitution. Reduced lawn maintenance.					
104	Outer Loop Recycling & Disp	0532	TITLE V	12/03/03	Yes		82.4		3.75		Modified production schedule.					
105	Oxy Vinyls LP	1333	TITLE V	11/26/03	Yes		1.6	218.5	0.07	9.94	Raw material substitution. Modified production schedule. Modified maintenance schedule. Optimize boiler efficiency. Employee awareness & training. Reduced lawncare activities.					
106	Palmer Products	0711	FEDOOP	12/01/03	Yes		40.0		1.3		Production shutdown. Immediately "lid" containers upon filling.					
107	Papa John's Support Services	1146	FEDOOP	12/02/03	Yes						Emission reduction strategies already in place.					
108	Papercone Corporation	1354	FEDOOP	11/24/03	Yes						Emission reduction strategies already in place.					
109	Plastech Engineered Products	1373	FEDOOP	12/01/03	Yes						Process modification. Process optimization. Employee awareness & training.					
110	PolyOne	0459	TITLE V	11/24/03	Yes		0.2	0.2	0.01	0.01	Raw material substitution. Reduced production schedule. Reduced landscaping activities. Employee awareness & training.	TBD				
111	Powerscreen	0553	FEDOOP	12/09/03	Yes		TBD		TBD		Modified production schedule (will not paint on OADs). Employee awareness & training.					
112	PPG Arch. Fin./Olympic Stain ("Louisville Stain")	0168	FEDOOP	11/24/03	Yes						Process modification Employee awareness & training.	TBD				

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					Yes	No	VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)		VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)
113	PPG Architectural Finishes ("Louisville Paint")	0175	FEDDOOP	11/24/03	Yes						Process modification Employee awareness & training.	TBD			
114	Premium Foil Products	0775	FEDDOOP	11/21/03	Yes						Process modification. Reduced production schedule.				
115	Progress Paint	0179	FEDDOOP	11/25/03	Yes						Raw material substitution. Emission reduction strategies already in place.				
116	Protein Technologies International (Du Pont Soy Polymers)	0622	FEDDOOP	11/18/03		No									
117	Puritan Uniform Rental	0984	FEDDOOP	12/01/03	Yes						Raw material substitution. Modified production schedule. Employee awareness & training.				
118	Quikrete - Kentucky	0020	FEDDOOP	12/01/03	Yes			2.5		0.08	Reduce unnecessary truck idling. Use an electric blower rather than diesel-powered blower to blow cement into silo.				
119	Reynolds Metals Co., Laminating Plant	0015	TITLE V	12/01/03	Yes		22.5		0.72		Raw material substitution. Product reformulation. Modify production schedule.				
120	Reynolds Metals Co., Foil Plant	0186	TITLE V	12/01/03	Yes		320.8	0.1	14.60	0.01	Process shutdown.				
121	River Road Terminal	0785	FEDDOOP	12/01/03	Yes						Employee awareness & training.				
122	Riverside Paving Plant #1	0150	FEDDOOP	11/17/03	Yes							57.2		1.86	
123	RJF International - Louisville	1173	FEDDOOP	11/13/03	Yes		46.0		1.98		Raw material substitution. Product reformulation.				
124	Rohm & Haas Kentucky, Inc	0189	TITLE V	12/01/03	Yes		50.1	0.0	2.28	0.00	Process modification. Reduced lawncare activities. Employee awareness & training.				
125	Sam Meyers Formal Wear	0989	TITLE V	11/26/03		No					Potential process modification.				
126	Schuler Machine and Tool Company	0338	FEDDOOP												
127	Service Welding and Machine Co.	0481	FEDDOOP	12/01/03		No					Employee awareness & training.	90.9		2.95	
128	Shorewood Packaging Corporation	0885	FEDDOOP	12/04/03	Yes						Raw material substitution. Process modification. Employee awareness & training.				
129	SportPaint, Inc. (Plant 1)	1381	FEDDOOP	12/12/03	Yes						Process shutdown				
	SportPaint, Inc. (Plant 2)	1381		12/12/03	Yes		54.1		1.86		Raw material substitution. Process shutdown.				
130	SportPaint, Inc. (Plant 3)	1401	FEDDOOP	12/12/03	Yes		194.9		6.53		Raw material substitution. Process shutdown.				

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					131	Smurfit-Stone Container Corp.	0193	FEDOOP	11/25/03	Yes			0.1	0.0	0.00
132	Sud-Chemie - South Plant	0042	FEDOOP	11/25/03	Yes			13.9		0.63	Modified production process. Employee awareness & training. Reduced lawncare activities.				
133	Sud-Chemie - West Plant	0036	FEDOOP		Yes			TBD			Modified production schedule. Employee awareness & training. Reduced lawncare activities.		TBD		
134	Superior Solvents & Chemicals	0631	TITLE V	11/24/03	Yes						Modified production/loading schedule. Limit vehicular idling. Employee awareness & training. Reduced lawncare activities.				
135	Swift & Company	0115	FEDOOP	07/15/03	Yes			TBD			Implement E2 projects associated with the production process.		TBD		
136	TBell Development Company Inc.	0712	FEDOOP	12/01/03		No					Process modification. Reduced production schedule.	14.7		0.48	
137	Texas Gas Transmission Corp	0223	TITLE V	11/25/03		No					Emission reduction strategies already in place.				
138	Thornton Transportation, Inc.	0220	FEDOOP	11/26/03	Yes		18.3		0.83		Modified loading schedule.				
139	Transflo Terminal Services	1374	FEDOOP	12/04/03	Yes						More efficient product transfer operations resulting in less volatilization and spillage of product during loading/unloading operations.				
140	U of L, Belknap Campus	0852	FEDOOP	11/25/03	Yes		0.0		0.00		Raw material substitution.				
141	Ulrich Chemical	0221	FEDOOP								Emission reduction strategies already in place.				
142	United Defense, Louisville Plant	1216	TITLE V								Process modification.				
143	United Distillers Inc. (Old Fitzgerald)	0167	FEDOOP	11/21/03	Yes		2.4		0.08		Not anticipating receiving product from other plants; hence, no production, bottling, or use of storage tanks (breathing and spilling losses).				
144	United Parcel Service	0564	TITLE V	12/01/03	Yes			527.5		24.00	Minimized/reduced operation and/or testing backup generators during the ozone season.				
145	Universal Minerals International, Inc.	0465	FEDOOP	11/24/03		No									
146	G&K Services, Inc. (formerly Universal Uniforms Inc.)	0529	FEDOOP				TBD	TBD			Optimize boiler efficiency. Process modification. Modified production schedule.	TBD	TBD		

Voluntary Emissions Reductions Reports (VERR)
2003 Ozone Season: 06/16 - 09/15 = 91 Summer Days

Date: 12/19/2003

	Company Name	APCD Plant ID	Permit Class	Date Received	Did Company Reduce Emissions?		Average Daily Accomplished Voluntary Emission Reductions		Total Accomplished Voluntary Emission Reductions		Emission Reduction Strategy	Average Daily Emission Reductions Attributed to Decreased Production		Total Emission Reductions Attributed to Decreased Production	
					Yes	No	VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)		VOC (lb/sd)	NOx (lb/sd)	VOC (tons)	NOx (tons)
147	V. G. Reed & Sons	0333	FEDOOP				TBD				Raw material substitution. Employee awareness & training.	TBD			
148	Veterans Admin Med Center	0853	TITLE V	12/01/03		No					Emission reduction strategies already in place.				
149	Weyerhaeuser CSC	1239	FEDOOP	11/19/03		No					Company emissions already low.				
150	Whayne Supply	0662	FEDOOP	12/05/03	Yes		6.3	0.3	0.29	0.02	Raw material substitution. Altered production schedule. Reduced lawncare activities. Employee awareness & training.				
151	Wirecrafters, LLC	0288	FEDOOP	11/20/03	Yes						Raw material substitution. Process modification.				
152	Zeochem	1264	FEDOOP	12/01/03		No									
153	Zeon Chemicals, LLP	0283	TITLE V	11/17/03	Yes		153.4		7.13		Process shutdown. Employee awareness & training. Reduced lawncare activities.				
154	Zoeller Co	0776	FEDOOP	07/07/03		No									

Abbreviations: TBD = To Be Determined, P2 = Pollution Prevention, E2 = Energy Efficiency
 AST = Aboveground Storage Tank, OAD = Ozone Action Day

File Name: VERR Log - December, 2003 - BF.xls, Strategies and Reductions