

WEEKLY SUMMARY

24485001

VC1 Ambient Vapor Concentrations

AVON LAKE GENERAL CHEMICAL

Week Ending	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20
451-1	8.8	7.7	8.8			76.3	80.2	71.4			4.1	5.5	7.0			1.3	1.5	2.4		
-2	15.2	11.0	11.2			50.5	71.5	68.0			13.5	11.0	9.8			5.0	3.1	4.8		
-3	14.8	10.4	5.6			49.9	69.7	83.2			13.2	12.0	7.8			5.1	3.7	3.8		
Avg.	12.9	9.7	8.5			58.9	73.8	74.2			10.3	9.5	8.2			3.8	2.8	3.7		
461-1	15.0	8.8	14.8			46.2	67.7	30.0			13.2	6.0	15.0			2.9	2.7	4.8		
-2	12.5	7.7	10.0			61.4	77.0	72.4			10.9	7.5	11.6			4.3	3.5	4.0		
-3	19.0	14.5	15.8			35.8	49.7	37.4			20.3	18.0	23.2			5.9	5.1	6.8		
Avg.	15.5	10.3	13.5			47.8	64.8	46.6			14.8	10.5	16.6			4.4	3.8	5.2		
464-1	4.8	3.1	6.1			92.7	92.8	94.4			5.2	0.0	2.7			2.0	0.0	2.7		
-2	5.1	2.8	5.0			92.0	98.8	91.6			3.8	1.1	2.7			2.4	0.0	2.7		
-3	10.0	7.4	7.6			75.7	90.4	78.7			9.0	4.7	0.9			4.0	3.9	0.0		
Avg.	6.6	4.4	6.2			86.8	94.0	88.2			6.0	1.9	2.1			2.8	1.3	1.8		
463-1	1.3	2.0	1.3			98.1	97.9	100.0			0.6	0.9	0.0			0.3	0.2	0.0		
-2	2.0	4.8	2.2			97.7	99.6	100.0			1.1	2.0	0.0			0.7	1.7	0.0		
Avg.	1.7	3.4	1.8			97.9	98.8	100.0			0.9	1.5	0.0			0.5	1.0	0.0		
PLANT AVG.	9.2	7.0	7.5			72.9	82.9	77.3			8.0	5.9	6.7			2.9	2.2	2.7		
READINGS LISTED BELOW OBTAINED WITH CHROMATOGRAPH																				
VC1 ₂																				
463-1	0.059	0.026	0.000			100.0	100.0	100.0			0.0	0.0	0.0			0.0	0.0	0.0		
-2	0.066	0.200	0.024			100.0	100.0	100.0			0.0	0.0	0.0			0.0	0.0	0.0		
Avg.	0.062	0.113	0.012			100.0	100.0	100.0			0.0	0.0	0.0			0.0	0.0	0.0		

BFG31406

WEEKLY SUMMARY

VCl Ambient Vapor Concentrations

24485002

HENRY AND LONG BEACH

Week Ending	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20
<u>HENRY</u>																				
Pzn-1	7.3	6.0	4.0			86.2	88.3	94.4			4.7	3.8	1.7			1.6	1.7	0.6		
-2	6.8	6.0	6.0			87.6	89.7	90.9			4.1	3.5	3.8			1.2	1.7	1.3		
-3	7.0	7.0	5.0			86.4	88.3	91.6			3.3	2.4	2.0			1.3	1.0	0.3		
PLANT AVG.	7.0	6.3	5.0			86.7	88.8	92.3			4.0	3.2	2.5			1.4	1.5	0.7		
<u>LONG BEACH</u>																				
Pzn-1	3.0	4.4	3.0			96.4	93.8	97.6			0.7	1.5	0.6			0.2	0.9	0.3		
-2	4.2	4.6	3.4			92.6	92.7	95.0			1.9	1.4	0.6			0.8	0.4	0.2		
Roof	3.3	4.3	2.9			95.8	95.2	97.6			1.7	1.2	0.0			0.9	0.6	0.0		
PLANT AVG.	3.5	4.4	3.1			94.9	93.9	96.7			1.4	1.4	0.4			0.6	0.6	0.2		

BFG31407

WEEKLY SUMMARY

24485003

VC1 Ambient Vapor Concentrations

LOUISVILLE

Week ending	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20
1-1	4.3	5.0	4.0			93.4	89.0	95.1			1.7	2.4	0.6			0.8	0.0	0.0		
-2	1.8	2.0	4.0			97.0	96.7	92.7			1.1	0.9	3.0			0.4	0.3	0.6		
-3	7.3	5.0	5.0			83.5	86.6	87.8			3.7	2.7	2.1			1.1	0.6	0.6		
Avg.	4.5	4.0	4.3			91.3	90.8	91.9			2.2	2.0	1.9			0.8	0.3	0.4		
15-1	2.5	2.0	3.0			98.1	95.8	95.8			0.3	0.6	1.2			0.0	0.0	1.2		
-2	4.8	4.0	3.0			92.9	96.7	93.4			1.8	1.5	2.1			0.8	0.6	0.3		
-3	4.3	4.0	2.0			93.7	93.0	96.4			1.3	1.2	0.8			0.6	0.6	0.2		
Avg.	3.9	3.3	2.7			94.9	95.2	95.2			1.1	1.1	1.4			0.5	0.4	0.6		
11-1	4.3	5.0	5.0			94.0	92.9	91.8			1.4	2.4	1.2			0.9	0.6	0.6		
-2	3.5	4.0	4.0			95.5	96.1	94.9			1.4	1.5	1.2			0.7	0.3	0.6		
-3	4.8	5.0	5.0			92.6	92.5	91.9			2.3	2.4	3.0			1.2	0.8	1.1		
Avg.	4.2	4.7	4.7			94.0	93.8	92.9			1.7	2.1	1.8			0.9	0.6	0.8		
15-2	15.0	12.0	12.0			30.4	63.6	65.1			8.3	4.0	4.2			0.6	2.0	2.1		
Avg.	15.0	12.0	12.0			30.4	63.6	65.1			8.3	4.0	4.2			0.6	2.0	2.1		
21-1	3.3	3.0	4.0			93.4	88.7	93.2			1.6	3.6	2.3			0.6	0.6	0.6		
-2	3.3	3.0	4.0			92.6	92.9	92.9			2.3	3.0	3.5			0.9	1.2	1.3		
-3	4.3	3.0	4.0			91.7	95.8	92.9			1.1	0.4	3.2			0.2	0.0	0.6		
Avg.	3.6	3.0	4.0			92.6	92.5	93.0			1.7	2.3	3.0			0.6	0.6	0.8		
PLANT AVG.	6.2	5.4	5.5			80.6	87.2	87.6			3.0	2.3	2.5			0.7	0.8	0.9		

BFG31408

Workers not normally in this building all shifts -- only one man per shift and about 35% of his time is spent in building.

WEEKLY SUMMARY

24485004

VCI Ambient Vapor Concentrations

PEDRICT TOWN

Week Ending	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20	Prev. Month	11/22 11/29	11/29 12/6	12/6 12/13	12/13 12/20
513-2	3.3	1.7	2.8			95.7	97.8	96.8			1.8	0.5	1.5			0.9	0.2	1.2		
-3	5.6	6.8	14.4			87.7	85.1	59.3			3.7	4.9	17.1			1.3	2.6	5.3		
Avg.	4.5	4.3	8.6			91.7	91.5	78.1			2.8	2.7	9.3			1.1	1.4	3.3		
512-1	5.9	4.5	5.0			86.4	91.5	91.9			3.3	1.6	2.3			1.5	0.6	0.9		
-2	10.2	10.3	6.1			70.3	71.7	84.3			11.0	11.1	3.1			3.3	3.4	0.7		
Avg.	8.1	7.4	5.6			78.4	81.6	88.1			7.2	6.4	2.7			2.4	2.0	0.8		
PLANT AVG.	6.3	5.9	7.1			85.1	86.6	83.1			5.0	4.6	6.0			1.8	1.7	2.1		

BFG31409

24485005

BFG RESTRICTED

WEEKLY SUMMARY

Ambient Organic Vapor Concentrations

CALVERT CITY	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
Week Ending	Prev. Month	10/28- 11/3	11/4- 11/10	11/11- 11/17	11/18- 11/24	Prev. Month	10/28- 11/3	11/4- 11/10	11/11- 11/17	11/18- 11/24	Prev. Month	10/28- 11/3	11/4- 11/10	11/11- 11/17	11/18- 11/24	Prev. Month	10/28- 11/3	11/4- 11/10	11/11- 11/17	11/18- 11/24
Control Rooms	1	1	1	1	3	98	100	100	97	93	1	0	0	0	3	0	0	0	0	0
Chromatograph Houses	5	6	63	4	9	88	78	72	88	66	5	5	13	6	7	1	0	2	0	2
Caustic Scrubber Area	4	1	1	2	4	92	98	100	95	94	2	0	0	0	3	2	0	0	0	3
Quench Areas	4	6	5	3	13	92	100	95	89	76	2	0	2	3	18	1	0	2	0	6
VCM Column Areas	12	8	6	4	6	80	79	88	89	91	9	10	7	3	3	5	8	5	0	3
Refrigeration Machine	2	5	1	6	1	97	92	100	92	100	1	6	0	0	0	1	4	0	0	0
Tank Farm Areas	2	2	2	2	1	97	98	95	98	100	1	2	0	2	0	1	0	0	0	0
Loading Rack Areas	1	1	1	1	1	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0

cc: CLWoods
 JJSchonaerts
 GEEvens
 RASpurlock
 GDSchAAF
 HWaltemate
 JRRender

BFG31410

24485006

BFG RESTRICTED

WEEKLY SUMMARY

Ambient Organic Vapor Concentrations

CALVERT CITY	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
Week Ending	Prev. Month	11/25-12/1				Prev. Month	11/25-12/1				Prev. Month	11/25-12/1				Prev. Month	11/25-12/1			
Control Rooms		1					100					0					0			
Chromatograph Houses		14					63					13					7			
Caustic Scrubber Area		2					90					0					0			
Quench Areas		2					90					0					0			
VCM Column Areas		4					90					8					2			
Refrigeration Machine		2					94					0					0			
Tank Farm Areas		1					100					0					0			
Loading Rack Areas		2					97					1					0			

cc: CLWoods
 JJSchonaerts
 GEEvens
 RASpurlock
 GDSchaaf
 HWaltemate
 JRRender

NOTE:

Week Ending 12/1 -- The high readings this week were almost entirely the result of leaking pump seals. Extra emphasis is being given to reduce possible exposure due to this cause.

BFG31411

VCl Ambient Vapor Concentrations

DISTRIBUTION

Dave Brooks
A. W. Clements
C. B. Cooper
L. B. Crider
A. M. Fairlie
R. J. Fawcett
C. R. Flynn
E. W. Harrington
M. N. Johnson
E. B. Katzenmeyer, Jr.
R. M. Kreager
P. H. Lawrence
G. H. Metzger
J. L. Nelson
G. Pow
R. N. Rylands
G. D. Schaaf
R. D. Scott
R. W. Strassburg
A. Vittone
H. Waltemate
A. R. Webber
W. J. Wilcox
C. L. Woods
B. M. G. Zwicker
J. A. Klupar
R. A. Krueger

24485006 A

BFG31412