

WEEKLY SUMMARY

24501001

VCL Ambient Vapor Concentrations

BFG31488

AVON LAKE GENERAL CHEMICAL

Week Ending	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27
451-1	6.2	8.0	6.0	12.0	7.0	89.6	83.7	89.6	81.5	85.2	1.1	6.3	3.1	4.9	5.0	0.1	1.8	0.9	3.0	2.3
-2	8.0	10.0	11.0	14.0	12.0	76.8	72.8	78.7	60.7	67.4	6.8	7.8	10.0	12.8	8.5	1.4	3.0	3.1	6.7	2.3
-3	13.2	15.0	17.0	17.0	17.0	60.3	56.6	51.5	50.6	44.1	13.0	15.0	17.8	19.6	20.1	4.6	4.2	6.5	8.5	8.1
Avg.	9.1	11.0	11.3	14.3	12.0	75.5	71.0	73.2	64.2	65.5	6.9	9.7	10.3	12.4	11.2	2.0	3.0	3.5	6.0	4.2
461-1	13.5	11.0	13.0	13.0	12.0	52.5	69.6	65.2	70.9	63.5	11.4	7.7	8.5	11.6	9.3	3.7	2.3	4.8	5.8	1.5
-2	14.5	10.0	17.0	14.0	19.0	55.0	72.6	48.7	61.9	35.6	14.1	4.7	16.4	11.6	22.0	5.9	1.7	6.7	6.1	6.2
-3	25.2	16.0	23.0	18.0	19.0	22.7	44.0	21.3	45.8	23.2	31.3	11.9	26.2	19.3	29.4	11.7	5.3	6.0	5.8	8.5
Avg.	17.7	12.3	17.6	15.0	16.6	43.4	62.0	45.0	59.5	40.7	18.9	8.1	17.0	14.1	20.2	7.1	3.1	5.8	5.9	5.4
464-1	4.0	4.0	3.0	9.0	4.0	90.7	95.1	97.9	85.7	91.6	4.3	4.8	2.0	10.7	4.1	1.1	2.4	0.0	7.1	2.0
-2	8.7	5.0	4.0	10.0	7.0	80.7	89.0	94.7	80.3	82.2	7.6	2.4	3.1	12.5	6.2	4.2	1.2	0.0	7.1	4.1
-3	15.0	13.0	8.0	8.0	14.0	67.2	73.1	76.3	75.0	71.9	14.6	13.0	5.5	13.0	12.5	8.0	7.3	3.4	5.9	8.3
Avg.	9.2	7.3	5.0	9.0	8.3	79.5	85.7	89.6	80.3	82.9	8.8	6.7	3.5	12.0	7.6	4.4	3.6	1.1	6.7	4.8
463-1	4.5	7.0	8.0	6.0	9.0	93.4	86.8	86.9	93.5	81.0	2.3	3.1	5.5	1.6	4.7	1.0	1.0	1.8	0.9	3.0
-2	6.7	13.0	15.0	8.0	13.0	86.2	65.2	64.1	84.8	71.6	3.4	12.0	11.5	1.9	9.9	1.0	4.2	6.7	0.3	6.0
Avg.	5.6	10.0	11.5	7.0	11.0	89.8	76.0	75.5	89.1	70.8	2.8	7.5	8.5	1.7	7.3	1.0	2.6	4.2	0.6	4.5
PLANT AVG.	10.4	10.1	11.3	11.3	11.9	72.0	73.6	70.8	73.2	66.9	9.3	8.0	9.8	10.0	11.5	3.6	3.0	3.6	4.8	4.7

BFG31489

WEEKLY SUMMARY

VCI Ambient Vapor Concentrations

24501002

HENRY AND LONG BEACH

Week Ending	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27
<u>HENRY</u>																				
Pzn-1	7.7	6.0	4.0	7.0	7.0	85.6	88.9	94.4	88.9	88.1	5.5	3.9	0.3	4.8	6.5	2.9	2.4	0.0	3.3	2.1
-2	8.0	7.0	5.0	5.0	7.0	84.7	88.4	91.9	90.9	89.3	4.5	4.5	1.9	3.0	4.5	1.7	2.4	0.6	0.6	0.9
-3	7.7	9.0	6.0	5.0	9.0	79.9	78.3	87.6	94.9	80.7	4.9	7.1	4.3	1.8	7.1	1.3	3.0	0.6	1.5	2.1
PLANT AVG.	7.8	7.3	5.0	5.6	7.6	83.4	85.2	91.3	91.5	86.0	4.9	5.1	2.1	3.2	6.0	1.9	2.6	0.4	1.8	1.7
<u>LONG BEACH</u>																				
Pzn-1	10.3	6.6	9.5	5.1	4.7	74.7	85.1	81.1	90.4	83.3	8.1	2.6	8.9	2.9	2.4	2.9	1.1	4.4	1.4	1.5
-2	6.9	5.9	6.6	6.0	4.1	84.9	89.2	82.6	85.3	91.0	3.7	2.9	3.9	3.7	2.2	1.5	1.3	1.4	1.5	1.2
Roof	4.7	5.9	6.1	4.1	3.4	90.4	87.5	83.2	88.6	91.6	2.1	2.9	1.2	0.6	2.4	0.6	1.1	0.6	0.6	0.6
PLANT AVG.	7.3	6.1	7.4	5.0	4.0	83.3	87.3	82.3	88.1	90.9	4.6	2.8	4.6	2.4	2.3	1.6	1.2	2.1	1.1	1.1

WEEKLY SUMMARY

VCI Ambient Vapor Concentrations

24501003

LOUISVILLE

Week Ending	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27
1-1	3.2	4.0	4.0	4.0	6.0	94.4	93.5	95.5	95.2	95.6	1.9	1.5	0.6	0.6	3.3	0.9	0.6	0.0	0.3	3.3
-2	4.2	5.0	2.0	1.0	3.0	91.0	88.6	97.9	98.8	97.0	3.0	3.0	0.6	0.0	2.4	1.8	1.2	0.0	0.0	1.5
-3	5.0	4.0	4.0	4.0	6.0	89.3	91.7	93.5	91.6	87.3	3.2	2.5	1.8	2.4	3.9	1.2	0.6	0.0	1.2	1.2
Avg.	4.1	4.3	3.3	3.0	5.0	91.5	91.2	95.6	95.2	93.3	2.7	2.3	1.0	1.0	3.2	1.3	0.8	0.0	0.5	2.0
15-1	5.0	1.0	2.0	4.0	4.0	88.1	98.2	97.0	95.8	90.5	4.0	0.0	1.2	3.6	1.2	1.0	0.0	0.6	3.0	0.6
-2	10.5	4.0	5.0	7.0	9.0	71.0	92.9	86.9	83.3	75.9	8.6	2.4	2.7	6.0	6.8	2.3	0.6	1.5	1.8	0.9
-3	7.2	6.0	5.0	6.0	9.0	80.8	88.9	88.5	89.5	76.6	4.0	4.0	2.2	2.8	5.2	1.5	1.8	1.4	1.8	1.8
Avg.	7.5	3.6	4.0	5.6	7.3	79.9	93.3	90.8	89.5	81.0	5.5	2.1	2.0	4.1	4.4	1.6	0.8	1.1	2.2	1.1
111-1	3.5	2.0	3.0	4.0	2.0	95.7	91.1	96.4	90.9	97.0	2.7	0.0	0.6	1.8	0.6	2.1	0.0	0.0	0.6	0.0
-2	3.0	3.0	4.0	3.0	2.0	94.4	92.2	93.5	95.4	96.7	0.9	3.3	2.1	1.5	0.9	0.5	0.0	0.9	0.9	0.0
-3	6.0	7.0	8.0	8.0	5.0	85.8	85.9	81.5	78.2	91.7	4.2	4.4	6.3	6.5	3.8	1.5	2.2	1.8	2.2	1.4
Avg.	4.1	4.0	5.0	5.0	3.0	91.9	89.7	90.4	88.1	95.1	2.6	2.5	3.0	3.2	1.7	1.3	0.7	0.9	1.2	0.4
*115-2	25.2	24.0	20.0	19.0	16.0	18.1	10.3	18.1	35.0	36.9	32.7	36.4	15.8	12.3	9.0	6.7	2.1	4.2	4.5	3.1
Avg.	25.2	24.0	20.0	19.0	16.0	18.1	10.3	18.1	35.0	36.9	32.7	36.4	15.8	12.3	9.0	6.7	2.1	4.2	4.5	3.1
121-1	3.5	6.0	4.0	5.0	4.0	93.6	86.5	95.5	90.7	92.6	2.2	6.2	2.1	5.2	3.6	0.7	2.7	1.8	1.9	2.4
-2	3.5	4.0	4.0	6.0	3.0	92.4	92.6	91.4	85.8	94.3	2.1	2.7	3.0	6.5	2.7	0.8	1.5	1.2	2.5	0.3
-3	7.0	8.0	6.0	7.0	4.0	81.2	80.1	86.6	84.3	93.8	3.7	3.3	2.4	4.4	1.5	0.5	1.5	1.2	2.2	0.9
Avg.	4.6	6.0	4.6	6.0	3.6	89.0	86.4	91.1	86.9	93.5	2.6	4.0	2.5	5.3	2.6	0.6	1.9	1.4	2.2	1.2
PLANT AVG.	9.1	8.3	7.3	7.7	6.9	74.0	74.1	77.2	78.9	79.9	9.2	9.4	4.8	5.1	4.1	2.3	1.2	1.5	2.1	1.5

* 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

24501004

VCl Ambient Vapor Concentrations

BFG31491

PEDRICKTOWN

Week Ending	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27
513-2	6.4	5.6	4.9	4.7	4.5	92.0	90.7	92.9	91.9	92.4	5.2	2.5	2.4	2.6	2.6	2.0	1.0	0.8	1.2	0.9
-3	10.3	7.9	6.5	9.5	7.0	81.3	81.8	86.8	76.6	82.1	12.1	4.0	2.4	10.3	5.0	5.3	0.7	0.8	2.3	1.2
Avg.	8.3	6.7	5.7	7.1	5.7	86.6	86.2	89.8	84.2	87.2	8.6	3.2	2.4	6.4	3.8	3.6	0.8	0.8	1.7	1.0
512-1	8.0	3.4	3.8	5.5	3.2	86.8	94.7	94.2	90.0	95.3	7.4	1.6	0.3	2.2	1.4	2.5	0.8	0.0	1.2	0.5
-2	14.6	6.3	5.3	5.6	7.7	71.1	86.8	87.5	87.6	84.4	16.5	4.2	0.7	1.8	7.1	5.9	2.1	0.1	0.5	3.8
-Avg.	11.3	4.8	4.5	5.5	5.4	78.9	90.7	90.8	88.8	89.8	11.9	2.9	0.5	2.0	4.2	4.2	1.4	0.05	0.8	2.1
PLANT AVG.	9.8	5.7	5.1	6.3	5.5	82.7	88.4	90.3	86.5	88.5	10.2	3.0	1.4	4.2	4.0	3.9	1.1	0.4	1.2	1.5

WEEKLY SUMMARY

24501005

VCI Ambient Vapor Concentrations

BFG31492

AVON LAKE TECHNICAL CENTER

Week Ending	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27	Prev. Month	8/30 9/6	9/6 9/13	9/13 9/20	9/20 9/27
W414-1	8.8	7.1	8.1	7.4	7.3	81.1	98.0	97.1	100.0	63.9	1.5	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0
-2	8.9	7.6	7.8	7.8	7.4	81.9	99.0	99.0	93.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-3	11.3	8.3	8.5	8.6	8.1	58.1	83.6	95.9	94.0	95.4	3.1	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0
Avg.	9.6	7.6	8.1	7.9	7.6	73.7	93.5	97.3	95.6	88.4	1.5	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0
E414-1	8.0	6.9	8.3	8.3	8.3	76.3	100.0	64.2	95.0	88.1	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-2	8.9	6.7	8.8	9.0	7.9	69.5	100.0	83.0	77.8	98.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-3	10.2	7.9	8.7	13.1	8.8	51.5	89.4	75.9	65.6	87.0	0.9	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0
Avg.	9.0	7.1	8.6	10.1	8.3	65.7	96.4	74.3	79.4	91.1	1.3	0.0	0.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0
413	8.0	7.1	8.0	7.4	7.4	79.8	99.0	99.3	96.3	100.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Avg.	8.0	7.1	8.0	7.4	7.4	79.8	99.0	99.3	96.3	100.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PLANT AVG.	8.8	7.2	8.2	8.4	7.7	73.0	96.3	90.3	90.4	93.1	1.0	0.0	0.1	1.0	0.0	0.2	0.0	0.0	0.0	0.0
HYDRIN																				
417-1	10.9	9.4	9.4	11.4	11.5	60.9	75.0	76.9	53.0	54.8	3.0	0.0	14.1	0.0	0.4	0.0	0.0	3.2	0.0	0.0
-2	19.2	10.5	10.2	14.4	11.4	49.9	25.1	66.0	39.5	49.1	14.6	0.0	0.0	4.2	0.0	8.1	0.0	0.0	0.0	0.0
-3	21.2	17.5	14.5	20.1	15.8	44.6	29.1	24.3	19.3	17.2	12.1	13.0	5.5	18.5	7.9	1.1	0.5	0.0	0.0	0.0
Avg.	17.1	12.4	11.3	15.3	12.9	51.8	43.0	55.7	37.2	40.3	9.9	4.3	6.5	7.5	2.7	3.0	0.1	1.0	0.0	0.0

24501006

BFG31493

COMPANY CONFIDENTIAL

WEEKLY SUMMARY

Ambient Organic Vapor Concentrations

CALVERT CITY	AVERAGE					% READING < 10 PPM					% READING > 25 PPM					% READING > 50 PPM				
Week Ending	Prev. Month	8/26-9/2	9/3-9/8	9/9-9/15	9/16-9/22	Prev. Month	8/26-9/2	9/3-9/8	9/9-9/15	9/16-9/22	Prev. Month	8/26-9/2	9/3-9/8	9/9-9/15	9/16-9/22	Prev. Month	8/26-9/2	9/3-9/8	9/9-9/15	9/16-9/22
Control Rooms	2	1	1	1	1		96	100	96	100	1	0	0	0	0		0	0	0	0
Chromatograph Houses	6	2	3	2	3		88	96	88	89	4	0	2	2	4		0	2	0	0
Caustic Scrubber Area	10	3	14	2	3		84	86	90	88	6	2	6	2	0		0	6	0	0
Quench Areas	3	3	2	2	2		88	94	92	97	2	4	2	2	2		0	0	0	0
VCM Column Areas	16	2	3	2	5		91	96	90	86	5	0	2	2	3		0	2	0	2
Refrigeration Machine	7	6	2	2	1		84	96	92	98	2	2	0	2	0		2	0	0	0
Tank Farm Areas	3	1	4	23	11		100	94	87	91	2	0	3	7	3		0	3	5	3
Loading Rack Areas	1	1	1	1	1		100	100	99	97	1	0	0	0	0		0	0	0	0

cc: CLWoods
 JJSchonaerts
 GEEvens
 RASpurlock
 GDSchaaf
 HWaltemate

NOTES:

Week Ending 9/15 -- The high tank farm readings were due to a bleed valve being open between leaking double block valve, for two days.

Week Ending 9/22 -- The high tank farm reading is due to leaking valve packing at loading pump.

RESIDUAL VCI CONTENT
OF FINISHED PVC PRODUCTS

DISTRIBUTION

David 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.
F. E. Krause
R. M. Kreager
P. H. Lawrence
R. W. MacCuspie
J. F. Malone
J. L. Nelson
H. R. Rex
R. N. Rylands
G. D. Schaaf
E. G. Schwaegerle
R. D. Scott
R. W. Strassburg
R. L. Toole
A. Vittone
P. J. ~~Webber~~
A. R. Webber
W. J. Wilcox
C. L. Woods
B. M. G. Zwicker
R. J. Coffey
W. M. Smith

BFG31494

24501006 A