

1974

VC1 Ambient Vapor Concentrations

DISTRIBUTION

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23609001

BFG26532

WEEKLY SUMMARY

VC1 Ambient Vapor Concentrations

AVON LAKE GENERAL CHEMICAL

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

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WEEKLY SUMMARYVCI Ambient Vapor ConcentrationsHENRY AND LONG BEACH

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

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WEEKLY SUMMARY

VCI Ambient Vapor Concentrations

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	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			94.4	93.5	95.5	95.2		1.9	1.5	0.6	0.6		0.9	0.6	0.0	0.3				
-2	4.2	5.0	2.0	1.0			91.0	88.6	97.9	98.8		3.0	3.0	0.6	0.0		1.8	1.2	0.0	0.0				
-3	5.0	4.0	4.0	4.0			89.3	91.7	93.5	91.6		3.2	2.5	1.8	2.4		1.2	0.6	0.0	1.2				
Avg.	4.1	4.3	3.3	3.0			91.5	91.2	95.6	95.2		2.7	2.3	1.0	1.0		1.3	0.8	0.0	0.5				
15-1	5.0	1.0	2.0	4.0			88.1	98.2	97.0	95.8		4.0	0.0	1.2	3.6		1.0	0.0	0.6	3.0				
-2	10.5	4.0	5.0	7.0			71.0	92.9	86.9	83.3		8.6	2.4	2.7	6.0		2.3	0.6	1.5	1.8				
-3	7.2	6.0	5.0	6.0			80.8	88.9	88.5	89.5		4.0	4.0	2.2	2.8		1.5	1.8	1.4	1.8				
Avg.	7.5	3.6	4.0	5.6			79.9	93.3	90.8	89.5		5.5	2.1	2.0	4.1		1.6	0.8	1.1	2.2				
111-1	3.5	2.0	3.0	4.0			95.7	91.1	96.4	90.9		2.7	0.0	0.6	1.8		2.1	0.0	0.0	0.6				
-2	3.0	3.0	4.0	3.0			94.4	92.2	93.5	95.4		0.9	3.3	2.1	1.5		0.5	0.0	0.9	0.9				
-3	6.0	7.0	8.0	8.0			85.8	85.9	81.5	78.2		4.2	4.4	6.3	6.5		1.5	2.2	1.8	2.2				
Avg.	4.1	4.0	5.0	5.0			91.9	89.7	90.4	88.1		2.6	2.5	3.0	3.2		1.3	0.7	0.9	1.2				
115-2	25.2	24.0	20.0	19.0			18.1	10.3	18.1	35.0		32.7	36.4	15.8	12.3		6.7	2.1	4.2	4.5				
Avg.	25.2	24.0	20.0	19.0			18.1	10.3	18.1	35.0		32.7	36.4	15.8	12.3		6.7	2.1	4.2	4.5				
121-1	3.5	6.0	4.0	5.0			93.6	86.5	95.5	90.7		2.2	6.2	2.1	5.2		0.7	2.7	1.8	1.9				
-2	3.5	4.0	4.0	6.0			92.4	92.6	91.4	85.8		2.1	2.7	3.0	6.5		0.8	1.5	1.2	2.5				
-3	7.0	8.0	6.0	7.0			81.2	80.1	86.6	84.3		3.7	3.3	2.4	4.4		0.5	1.5	1.2	2.2				
Avg.	4.6	6.0	4.6	6.0			89.0	86.4	91.1	86.9		2.6	4.0	2.5	5.3		0.6	1.9	1.4	2.2				
PLANT AVG.	9.1	8.3	7.3	7.7			74.0	74.1	77.2	78.9		9.2	9.4	4.8	5.1		2.3	1.2	1.5	2.1				

BFG26535

23609004

WEEKLY SUMMARY

VCL Ambient Vapor Concentrations

PEDRICKTOWN

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

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WEEKLY SUMMARY

VCL Ambient Vapor Concentrations

AVON LAKE TECHNICAL CENTER

Week Ending	AVERAGE						Z READING < 10 PPM						Z READING > 25 PPM						Z 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	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			81.1	98.0	97.1	100.0		1.5	0.0	0.0	0.0		0.8	0.0	0.0	0.0		0.8	0.0	0.0	0.0	
-2	8.9	7.6	7.8	7.8			81.9	99.0	99.0	93.0		0.0	0.0	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			58.1	83.6	95.9	94.0		3.1	0.0	0.0	0.0		1.6	0.0	0.0	0.0		1.6	0.0	0.0	0.0	
Avg.	9.6	7.6	8.1	7.9			73.7	93.5	97.3	95.6		1.5	0.0	0.0	0.0		0.8	0.0	0.0	0.0		0.8	0.0	0.0	0.0	
E414-1	8.0	6.9	8.3	8.3			76.3	100.0	64.2	95.0		0.0	0.0	1.4	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	
-2	8.9	6.7	8.8	9.0			69.5	100.0	83.0	77.8		3.2	0.0	0.0	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			51.5	89.4	75.9	65.6		0.9	0.0	0.0	9.2		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	
Avg.	9.0	7.1	8.6	10.1			65.7	96.4	74.3	79.4		1.3	0.0	0.4	3.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	
413	8.0	7.1	8.0	7.4			79.8	99.0	99.3	96.3		0.2	0.0	0.0	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			79.8	99.0	99.3	96.3		0.2	0.0	0.0	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			73.0	96.3	90.3	90.4		1.0	0.0	0.1	1.0		0.2	0.0	0.0	0.0		0.2	0.0	0.0	0.0	
HYDRIN																										
417-1	10.9	9.4	9.4	11.4			60.9	75.0	76.9	53.0		3.0	0.0	14.1	0.0		0.0	0.0	0.0	0.0		0.0	0.0	3.2	0.0	
-2	19.2	10.5	10.2	14.4			49.9	25.1	66.0	39.5		14.6	0.0	0.0	4.2		8.1	0.0	0.0	0.0		8.1	0.0	0.0	0.0	
-3	21.2	17.5	14.5	20.1			44.6	29.1	24.3	19.3		12.1	13.0	5.5	18.5		1.1	0.5	0.0	0.0		1.1	0.5	0.0	0.0	
Avg.	17.1	12.4	11.3	15.3			51.8	43.0	55.7	37.2		9.9	4.3	6.5	7.5		3.0	0.1	1.0	0.0		3.0	0.1	1.0	0.0	

900609E2

COMPANY CONFIDENTIAL

WEEKLY SUMMARY

Ambient Organic Vapor Concentrations

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

cc: CLWoods
JJSchonarts
CEEvens
RASpurlock
GDSchaaf
HMalteme

NOTE:

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.

BFG26538

23609007