

October 20, 1981

cc: J. A. Pearson
D. J. Snyder
R. G. Rose
A. L. Hewitt
D. T. Gerasimowicz

To: Mr. S. H. Kernaghan
Technical Superintendent

From: W. C. Toner

Subject: VCM in Air While Dumping Scalper.

NOTE: 15 Minute Carbon Tubes were Used for Sampling.

<u>DATE</u>	<u>NAME</u>	<u>VCM PPM</u>
October 2, 1981	D. Dien	2.0
October 3, 1981	R. Pallaci	7.7
October 4, 1981	R. Ward	3.9
October 4, 1981	A. Fracassi	14.1 *
October 5, 1981	D. Bedard	0.7
October 6, 1981	P. Kukulka	1.2
October 7, 1981	J. Pullano	0.4
October 8, 1981	C. Messing	6.8
October 8, 1981	P. Kukulka	1.8
October 10, 1981	F. Gallia	3.0
October 12, 1981	D. Zellonis	0.3

*Scalper was not stripped when they started to dump it. A degassing valve was not opened.

Submitted for approval 10/14/81.
Submitted for typing 10/14/81.

W. C. Toner
W. C. Toner
Process Engineer

WCT:mr

400183

To MR Kernagh: ✓

VCM-15 min

10-1-81

Subject: VCM in air and water from scalper

after spec change

Date	VCM in air PPM	VCM in water PPM
9-22	—	126.
	15min Tube	
9-28	9.1 E. Sprankle	46.
9-29	11.8 R. Pallaci	127.

New spec for Dumping Scalper

15min Tube

10-1 2.9 J. Pullano Dumping water to sewer

10-1 5.1 J. Pullano Dumping Berries

Water not Tested.

cc: DFS
RGR
MG
HCB

M. Toner

PERSONNEL MONITORING SCHEDULE
DEPARTMENT 145 FMCC TUBES
(15 MINUTE READINGS)

SHIC

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9-6-81*

9-13-81*

9-20-81*

9-27-81*

LOCATION	SHIFT	WEEK 1	PPM	WEEK 2	PPM	WEEK 3	PPM	WEEK 4	PPM	WEEK 5	PPM
ANALYTICAL LAB	8-4	D. Dobberten	<0.5	W. Evans	0.1	T. Harbridge	0.1	D. Dobberten	0.1		
I.C. LAB	8-4	J. Hamick	<0.5	G. Doerner	2.1	L. Wilson	0.3	S. Felder	0.2		
E-2 TRANSFER SOUTH	12-8			R. Pallaci	0.1			H. Sigismundi	1.4		
	8-4			S. Boback	1.2	D. Cummings	1.2	R. Pallaci	0.2		
M.S.P. TRANSFER	12-8	D. Zelonis	<0.5	P. Kukulka	0.4	D. Zelonis	0.1	F. Galla	0.6		
	4-12	F. Galla	0.4	M. Moreland	0.2	P. Kukulka	0.3	J. Pullano	0.4		
E-2 TRANSFER NORTH	8-4	R. Pallaci	0.7	E. Campana	0.2	D. Boback	0.1	R. Pallaci	0.2		
	4-12	J. Pallaci	0.7	J. Woods	0.1	D. Boback	0.8	R. Pallaci	0.2		
REACTOR AREA "M" & WO	12-8	D. Borowicz	0.1	A. Khorsandian	0.1	W. Schwam	<0.5	H. Sigismundi	0.5		
	8-4	E. Sprankle	0.3	L. Prosser	0.1	S. Boback	0.2	R. Myers	0.2		
REACTOR AREA M.S.P.	12-8	J. Pullano	<0.5	R. Ward	0.1	D. Bedard	<0.5	A. Fracassi	0.2		
	4-12	D. Zelonis	0.4	F. Galla	0.3	J. Pullano	<0.5	P. Kukulka	0.1		
CONTROL ROOM "M" & WO	12-8	D. Cummings	0.1	A. Seward	<0.5	E. Campana	0.3	D. Smith	<0.5		
CONTROL ROOM M.S.P.	4-12	D. Bedard	<0.5	Jim Pallaci	5.6	D. Cirilla	0.1	J. Pullano	<0.5		
VC TANK CAR	4-12					A. Adamus	0.1	L. Danni	0.7		
EXTRAS	12-8	A. Stearns Plant Sievers	0.1	W. Ex. Reactor m's 5000 Hamm	0.2	R. X Reactor Udy	0.1	R. Lab Udy	<0.5		
	8-4	J. WORKING ON CONDENSER Pullano E-4	0.8	J. PLS DRYN Wallace	0.2						
	4-12	R. Ex Reactor Udy	0.2	F. Lab Brenovz	<0.5	J. Lab Hamick	<0.5	D. E-2 Bldg. Nowatzki	<0.5		

* No cause found

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PERSONNEL MONITORING SCHEDULE
DEPARTMENT 145 PMCC TUBES
(15 MINUTE READINGS)

		8-9-81 ^K		8-16-81 ^K		8-23-81 ^K		8-30-81 ^K			
LOCATION	SHIFT	WEEK 1	PPM	WEEK 2	PPM	WEEK 3	PPM	WEEK 4	PPM	WEEK 5	PPM
ANALYTICAL LAB	8-4	T. Harbridge	0.1	R. Dobbertean	<.05	W. Evans	0.2	R. Baer	<.05		
J.C. LAB	8-4	S. Felder	0.1	R. Zimmerman	<.05	R. Zimmerman	0.5				
E-2 TRANSFER SOUTH	12-8										
	8-4					A. Fracassi	0.2				
M.S.P. TRANSFER	12-8	D. Cirillo	0.4								
	4-12	E. Sprinkle	0.2					W. Bridgeman	0.5		
E-2 TRANSFER NORTH	8-4	R. Word	0.9	L. Prosser	0.2			D. Boback	0.1		
	4-12	H. Weist	0.1	J. Woods	0.1			D. Borowicz	<.05		
REACTOR AREA "M" & WO	12-8					H. Weist	0.6	S. Boback	0.1		
	8-4	H. Weist	0.3	H. Weist	0.3						
REACTOR AREA M.S.P.	12-8					D. Zelonis	1.1	F. Galla	0.1		
	4-12	D. Bedard	<.05	Jim Pallaci	0.2			D. Zelonis	0.1		
CONTROL ROOM "M" & WO	12-8	S. Boback	0.1	H. Weist	0.1	D. Borowicz	<.05	W. Frey	0.1		
CONTROL ROOM M.S.P.	4-12	Zelonis	0.1	F. Galla	<.05	R. Ward	0.1	D. Bedard	0.1		
VC TANK CAR	4-12	S. Litwin	0.3								
EXTRAS	12-8	area 8+9 Reactor	0.1								
	8-4	area m + wo Cont. Rm	<.05								
	4-12										

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PERSONNEL MONITORING SCHEDULE
DEPARTMENT 145 FMCC TUBES
(15 MINUTE READINGS)

LOCATION	SHIFT	7-5-81*		7-12-81*		7-19-81*		7-26-81*		7-2-81*	
		WEEK 1	PPM	WEEK 2	PPM	WEEK 3	PPM	WEEK 4	PPM	WEEK 5	PPM
ANALYTICAL LAB	8-4	R. Dobbertan	0.1	W. Evans	0.1	VINYL PLANT					
C. LAB	8-4	R. Zimmerman	0.2	S. Felder	0.1						
2-2 TRANSFER SOUTH	12-8					SHUT DOWN					N. Sigismandi 0.2
	8-4			R. Pallaci	0.1						
M.S.P. TRANSFER	12-8	F. Galla	0.1								F. Galla 0.2
	4-12	D. Zellonis	1.0								J. Pullano 2.7
2-2 TRANSFER NORTH	8-4										R. M.S.P. TRANS 0.1
	4-12										M.S.P. REA 4000 0.4
REACTOR AREA "M" & WO	12-8	N. Sigismandi	1.05								S. Boback 0.1
	8-4	N. Bullis	0.1	R. Myees	0.1						AREA 0.3
REACTOR AREA M.S.P.	12-8	A. Francassi	1.05								AREA 0.8
	4-12										AREA 0.2
CONTROL ROOM "M" & WO	12-8	D. Smith	1.05								N. Sigismandi 1.05
CONTROL ROOM M.S.P.	4-12	W. Bridgeman	0.9	W. Bridgeman	0.3						D. Cummings 0.2
VC TANK CAR	4-12										
	12-8										AREA M.S.P. SELEC. 0.1
EXTRAS	8-4			L. Plastisol Lab Ridley	1.5						AREA M.S.P. SELEC. 1.2
	4-12										AREA M.S.P. SELEC. 0.1

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PERSONNEL MONITORING SCHEDULE
DEPARTMENT 145 FMCC TUBES

(15 MINUTE READINGS)

LOCATION	SHIFT	6-7-81*		6-14-81*		6-21-81*		6-28-81*			
		WEEK 1	PPM	WEEK 2	PPM	WEEK 3	PPM	WEEK 4	PPM	WEEK 5	PPM
ANALYTICAL LAB	8-4	R. Baer	0.1	R. Zimmerman	0.1	W. Evans	0.1	T. Harbridge	0.1		
I.C. LAB	8-4	C. Mateson	0.2	S. Felder	1.05	D. Nowatzki	0.6	L. Wilson	0.1		
E-2 TRANSFER SOUTH	12-8							S. Baback	0.2		
	8-4										
M.S.P. TRANSFER	12-8	J. Pallaci	0.5			W. Bridgeman	0.2	F. Galla	0.1		
	4-12	D. Bedard	1.0	Jim Pallaci	1.2	Jim Pallaci	0.8				
E-2 TRANSFER NORTH	8-4			D. Borowicz	0.1						
	4-12	D. Borowicz	0.3	John Pallaci	0.3	N. Sigismonti	0.1				
REACTOR AREA "M" & WO	12-8					H. Weist	0.1	D. Borowicz	0.1		
	8-4	J. Woods	0.1	T. Dombrowski	0.3	T. Dombrowski	1.05	D. Diem	0.2		
REACTOR AREA M.S.P.	12-8	F. Galla	0.2			D. Borowicz	4.6	W. Bridgeman	0.1		
	4-12	Demarco	0.4	W. Bridgeman	0.2			C. Messing	0.2		
CONTROL ROOM "M" & WO	12-8	S. Baback	0.1					H. Weist	0.1		
CONTROL ROOM M.S.P.	4-12	R. Ward	0.1	D. Bedard	1.05	F. Galla	0.1	P. Kukukla	1.05		
VC TANK CAR	4-12										
EXTRAS	12-8										
	8-4										
	4-12	A. Brusek	1.05								

* No Known
CAU

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PERSONNEL MONITORING SCHEDULE
DEPARTMENT 145 PMCC TUBES

(15 MINUTE READINGS)

LOCATION	SHIFT	5-3-81x		5-10-81x		5-17-81x		5-24-81x		5-31-81x	
		WEEK 1	PPM	WEEK 2	PPM	WEEK 3	PPM	WEEK 4	PPM	WEEK 5	PPM
ANALYTICAL LAB	8-4	R. Dobbertean	1.05	R. Santoro	0.5	T. Harbridge	1.05	R. Dobbertean	0.1	T. Harbridge	0.1
LOC. LAB	8-4	R. Zimmerman	1.05	L. Storms	0.1	T. Harms	1.05	D. Nowatki	1.05	L. Wilson	1.05
3-2 TRANSFER SOUTH	12-8	L. Prosser	0.7								
	8-4	S. Litwin	1.0			D. Cirillo	0.1	L. Prosser	0.8		
M.S.P. TRANSFER	12-8	D. Bedard	0.9	D. Diem	0.4						
	4-12			H. Sackees	0.7	D. Zellonis	0.1	James Pallaci	5.0 ^③		
3-2 TRANSFER NORTH	8-4			D. Boback	6.6	H. Weiss	0.1	N. Sigismundi	0.5	E. Sprankle	0.1
	4-12			L. Prosser	0.3	W. Schwalm	0.1	J. Woods	0.5	R. Myers	0.2
REACTOR AREA "M" & WO	12-8	D. Brenwicz	1.05	W. Frey	0.1	A. Bergeron	0.1	J. Raab	0.1	D. Borowicz	1.05
	8-4	J. Raab	0.1	F. Galla	0.2	R. Myers	0.1	D. Borowicz	0.1	N. Sigismundi	1.05
REACTOR AREA M.S.P.	12-8	R. Udy	1.05	Jim Pallaci	0.3	D. Boback	1.05	R. Ward	0.1	D. Bedard	0.1
	4-12	R. Ward	0.1	F. Behreuz	0.3	R. Udy	0.2	John Pallaci	0.9	D. Cirillo	0.3
CONTROL ROOM "M" & WO	12-8	R. Hyla	1.05			D. Moreland	0.1	C. Shephard	0.1	Bridgeman	0.2
CONTROL ROOM M.S.P.	4-12	P. Kukulka	0.1	P. Kukulka	1.05	D. Bedard	0.1	D. Smith	0.1	R. Ward	0.1
VC TANK CAR	4-12	J. Luzak	0.8	L. Danni	10.8	L. Danni	30.0				
EXTRAS	12-8	D. Brewer	0.5							G R2 Hillman	0.2
	8-4					E. Sanders	0.1				
	4-12	J. Spray Dryer Bell	0.2	A. Spray Plant Brusek	0.1	A. S. Plant Sievers	0.1				

① Sampling Batch going
 To Receiver.
 Sample not to
 of sample box.

② Air line
 out mask worn

③ Transfer box
 foaming over

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1/11/80

PERSONNEL MONITORING SCHEDULE

DEPARTMENT 145 FMCC TUBES

(15 MINUTE READINGS)

4-5-81*

4-12-81*

4-19-81*

4-26-81*

LOCATION	SHIFT	WEEK 1	PPM	WEEK 2	PPM	WEEK 3	PPM	WEEK 4	PPM	WEEK 5	PPM
ANALYTICAL LAB	8-4	T. Harbridge	0.1	R. Dobbertan	0.2	W. Evans	0.1	R. Baer	0.2		
I.C. LAB	8-4	R. Zimmermann	0.1	B. Brinda	1.0	R. Butera	0.1	D. Nunteki	0.1		
E-2 TRANSFER SOUTH	12-8	D. Borowicz ①	18.0	N. Sigismondi	1.8			D. Borowicz	1.3		
	8-4							W. Bridgeman	1.5		
M.S.P. TRANSFER	12-8	D. Zellonis	0.8	D. Cirillo	0.1	A. Fracassi	0.3	D. Bedard	0.2		
	4-12			D. Bedard	0.5	D. Bedard	0.6				
E-2 TRANSFER NORTH	8-4	S. Litwin	0.5	M. Moreland	0.7	F. Galla	2.9	W. Bridgeman	0.7		
	4-12	W. Frey	0.5	D. Borowicz	0.7	L. Prosser	0.2	N. Sigismondi	0.2		
REACTOR AREA "M" & WO	12-8	L. Prosser	0.2	F. Galla	0.3	N. Sigismondi	0.1	R. Ward	0.3		
	8-4	R. Hyla	1.05			R. Ward	0.9	R. Dutton	1.5		
REACTOR AREA M.S.P.	12-8	D. Cummings	0.2	A. Fracassi	0.3	Sim Pallaci	0.3	m. Demarco	0.1		
	4-12	m. Moreland	0.9			R. Udy	0.4	D. Cirillo	0.1		
CONTROL ROOM "M" & WO	12-8	D. Bedard	0.1	D. Smith	0.3	W. Frey	0.1	R. Myres	0.2		
CONTROL ROOM M.S.P.	4-12			J. Pallaci	0.1	R. Hyla	1.1	J. Pullano	0.2		
C TANK CAR	4-12			L. Danni	1.05	L. Danni ③	2.0				
	12-8	R. Round in E-bldg.	0.2	L. E-2 Wilson	0.2			R. E-2 Bldg. Udy	1.05		
EXTRAS	8-4					F. P. S. Degree Cummings	0.1	A. S. Plant Sievers	0.1		
	4-12	J. Reac. Area Slota	0.2	D. MSP CR Zellonis	0.2	A. S. Plant Sievers	0.1	W. S. Selected Frey ④	4.2		

① Sampling batch

③ Air line mask worn

④ Sampling Batch

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PERSONNEL MONITORING SCHEDULE
DEPARTMENT 145 FMCC TUBES

(15 MINUTE READINGS)

3-8-81*

3-15-81*

3-22-81*

3-29-81*

LOCATION	SHIFT	WEEK 1	PPM	WEEK 2	PPM	WEEK 3	PPM	WEEK 4	PPM	WEEK 5	PPM
ANALYTICAL LAB	8-4	W. ^④ Evans	4.1	T. Hatchbridge	0.1	D. Dobberten	0.2	W. Evans	1.05		
C. LAB	8-4	T. Harms	0.3	M. Stefanski	0.2	R. Butera	0.1	B. Hewitt	0.1		
E-2 TRANSFER SOUTH	12-8	W. Bridgeman	0.1	N. Sigismondi	0.7			R. Pallaci	0.8		
	8-4	F. Galla	1.7			J. Barnett	0.7	L. Prosser	1.05		
M.S.P. TRANSFER	12-8	D. Bedard	0.2			C. ^⑤ Messing	2.9	P. Kukulka	1.2		
	4-12	P. Kukulka	0.5	D. Zellonis	0.5	D. Zellonis	0.3	J. Pallaci	0.1		
E-2 TRANSFER NORTH	8-4	N. Sigismondi	0.5	D. Boback	0.1	D. Borowicz	0.1	E. Sprankle	0.4		
	4-12	R. Myers	0.2	C. Shepherd	0.4	M. area Beheshtaein	0.6	D. ^⑦ Boback	4.0		
REACTOR AREA "M" & WO	12-8			D. Smith	0.1	D. Cummings	0.2	J. Raab	0.5		
	8-4	L. ^③ Wilson	3.5	E. Sprankle	1.5	W. Bridgeman	0.1	D. Borowicz	0.4		
REACTOR AREA M.S.P.	12-8	R. Udy	0.4	A. Fracassi	1.0	C. Messing	0.1	C. ^⑥ Messing	2.8		
	4-12	D. Boback	0.7	R. Hare	0.6	D. Bedard	0.3	J. Pallaci	0.3		
CONTROL ROOM "M" & WO	12-8	D. Zellonis	0.1	R. Ward	0.1	D. Boback	0.1	R. Ward	0.1		
CONTROL ROOM M.S.P.	4-12	C. Messing	0.1			D. Bedard	1.05	A. Fracassi	0.1		
VC TANK CAR	4-12	R. ^② Norman	6.8	L. Danni	1.05						
EXTRAS	12-8	D. ^① Bedard	110.	W. m. & wo Reol. Area Frey	0.2	J. m. & wo Harack	0.9	J. Equip. CK Harack	0.2		
	8-4			R. S. plant Bardner	0.1	K. S. D. area Barido	0.3	A. Sievers	0.1		
	4-12	J. Ex Reactor Homick	0.2			R. Amb Lab Boer	0.1				

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① Cleaning #5 Reactor

Air mask worn

② Air mask worn

③ checking Reactors
for leaks

④ setting up samples

⑤ Taking out
Beeries

⑥ Cleaning MS seed strainer - Should wear mask

⑦ Sampling m. Batch going - Receiver