

Lake Charles VCM Plant

CERTIFIED MAIL #8094958
RETURN RECEIPT REQUESTED

Conoco Chemicals Company
A Division of Conoco Inc.
P.O. Box 605
Westlake, Louisiana 70669
(318) 491-5211

RECEIVED
JAN 27 1982

January 19, 1982

file: LCVCM

Gus VonBodungen
Office of Environmental Affairs
Department of Natural Resources
P O Box 60630
New Orleans, LA 70160

Dear Mr. VonBodungen:

Enclosed are the corrected Emissions Inventory Survey/Point Source (EIS/PS) printouts requested in your letter of December 7, 1981. Three EIS/PS printouts are included; the baseline inventory, the current inventory, and the future inventory.

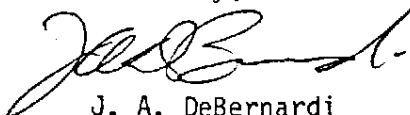
The baseline EIS shows pre-1975 emissions. Several point sources not included in the original printout were added. The data used to verify and correct the survey came from our 7/10/74 EIQ and our 5/28/76 EIQ.

The current EIS shows emissions in 1980. The data used to verify and correct this survey came from our 8/23/79 EIQ (Permit #1243T).

The future EIS shows the emissions permitted by our most recent EIQ (8/6/81, Permit #1603T). The "EIS/PS Current Inventory" sent by the DNR shows the sources permitted by the 8/6/81 EIQ. However, the 8/6/81 EIQ reflects emissions after completion of the oxy revamp and plant expansion. Specifically, the differences in current emissions and emissions after the expansion are from point source VA (Vent Incinerator) and point source IVA (C-500 Main Plant Vent Stack) which will be effective by 5/1/83 and from point source IIC (Cracking Furnace Stack) which will be effective by 5/1/85. The difference in hydrocarbon emissions between the current EIS and the future EIS is in accordance with the hydrocarbon banking agreement submitted to the state on May 22, 1979 and subsequently revised on December 22, 1980.

Also enclosed is the Contact and Certification form requested. If you have any questions, please contact Gary Foshee, Chief Process Engineer, at (318) 491-5062.

Sincerely,



J. A. DeBernardi
Plant Manager

br
bcc w/attach: MGH-BIR-JCL-MJM
bcc w/o attach: CRH-GLF-PLF-DLD-JWW

VVC 000013605

CONTACT AND CERTIFICATION FORM

Person to contact concerning changes to the emission inventory system:

Name: Gary Foshee

Title: Chief Process Engineer

Firm (if prepared by a consultant) _____

Company (if prepared in house): Conoco Chemicals VCM Plant

Street address/P.O. Box: P O Box 605

City, state, ZIP : Westlake, LA 70669

Area code, telephone #, extension (318) 491-5062

CERTIFICATION: I certify, under the provisions in Louisiana and United States law which specify criminal penalties for false statements, that this emission inventory, including all attachments thereto, contains information which is true and correct to the best of my knowledge and belief.

J. A. DeBernardi
(signature of manager or other company agent)

J. A. DeBernardi Plant Manager
(printed or typed name and title of person above)

Jan. 20, 1982
(date signed)

VVC 000013606

EIS/PS FUTURE INVENTORY

PAGE 1

STATE COUNTY AQCR PLANT ID

<u>DATE</u> <u>YEAR</u>	<u>DAY</u>	<u>SEGMENT</u> <u>TYPE</u>	<u>CONTROL</u> <u>REGION</u>	<u>LOCAL</u> <u>CONTROL</u>	<u>PLANT ID</u>	<u>CITY</u>	<u>UTM ZONE</u>	<u>OWNER</u>	<u>CONTACT</u>	<u>TELEPHONE</u>	<u>PRINCIPAL</u> <u>PRODUCT</u>
82	015	0				3180	15	P	Foshee, Gary L.	318-491-5062	VCM

<u>ESTABLISHMENT NAME AND ADDRESS</u>	<u>ZIP</u>	<u>NUMBER OF</u> <u>EMPLOYEES</u>	<u>PROPERTY</u> <u>AREA</u>	<u>MAILING ADDRESS</u>
Conoco Chemicals VCM Plant P.O. Box 605 Westlake, LA	70669	122	43.7	Conoco

P7 PLANT COMMENT

Data from Permit #1603T, August 6, 1981

VVC 000013607

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES HORIZONTAL	VERTICAL	LATITUDE DEG MIN SEC	LONGITUDE DEG MIN SEC	ANNUAL THRU PUT DEC MAR JUN SEP	NORMAL OPERATING HR/D D/WK WK/YR
82	015	1	01	11A	2869	472.9	3346.5			25 25 25 25	24 7 49
BOILER SPACE S T A C K D A T A											
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME PNTS	COMP	COMP SCHED YEAR MONTH	COMP STATUS YEAR MONTH	DAY ECAP
00059	00.0	0120	04.5	0550	0017607	01110					0 0021 0024 0022

P7 POINT COMMENT

11A Cracking Furnace Stack

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL EQUIP PRI SEC	ESTM CNL EFFICIENCY	E M I S S I O N S ESTIMATE MEASURED ALLOWABLE POTENTIAL	UNITS METHOD	ESTM BASELINE CHANGES
05	TSP	000		00.0	0000002	0000002	3
	SO ₂	000		00.0	0000005	0000005	2
	NO _x	000		00.0	0000036	0000036	3
	HC	000		00.0	0000001	0000001	3
	CO	000		00.0	0000003	0000003	3

VVC 000013608

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	01	1	02	007	99	00		0000405	0000.049	00.02	00.0	1208	1	P

P7 SCC COMMENT

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Fuel #1	F	05	TSP	000010.000			0000003
Refinery Fuel Gas			SO ₂		S		
			NOX	000180.000			0000048
			HC	000003.000			0000000
			CO	000017.000			0000003

VVC 000013609

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	01	1	02	006	02	000		000000	000000	00.0	00.0	1208	1	P

P7 SCC COMMENT

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Fuel #2	F	05	TSP	000010.000			0000003
Natural Gas			SO2	000000.600			
			NOX	000180.000			0000048
			HC	000003.000			0000000
			CO	000017.000			0000003

VVC 000013610

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES IPP HORIZONTAL	VERTICAL	LATITUDE DEG MIN SEC	LONGITUDE DEG MIN SEC	ANNUAL THRUPUT DEC MAR JUN SEP	NORMAL OPERATING HR/D D/WK WK/YR	
82	015	2	02	118	2869	472.9	3346.5			25 25 25 25	24 7 49	
BOILER CAPACITY	SPACE HEAT	S T A	HEIGHT DIAM	TEMP C	K FLOW RATE	D VELOCITY	A T A PLUME PNTS	COMP YEAR	SCHED MONTH	COMP STATUS YEAR MONTH	DAY ECAP	CONTROL REGULATION REG 1 REG 2 REG 3
00059	00.0	0120	04.5	0550	017607	01110		1			0	0021 0024 0022

P7 POINT COMMENT

118 Cracking Furnace Stack

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNL EFFICIENCY	E M I S S I O N S ESTIMATE MEASURED ALLOWABLE	POTENTIAL UNITS	ESTM BASELINE METHOD CHANGES
05	TSP	000	000		00.0	0000002	0000002	3
	SO ₂	000	000		00.0	0000005	0000005	2
	NOX	000	000		00.0	0000036	0000036	3
	HC	000	000		00.0	0000001	0000001	3
	CO	000	000		00.0	0000003	0000003	3

VVC 000013611

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	III	IV	SCC NBR	SCC SEG NBR	BEC ID	FUEL - PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	02	1	02	007	99	00			0000405	0000.049	00.02	00.0	1208	1	P

P7 SCC COMMENT

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Fuel #1 Refinery Fuel Gas	F	05	TSP	000010.000	S		0000003
			SO2	000180.000			0000048
			NOX	000003.000			0000000
			HC	000017.000			0000003
			CO				

VVC 000013612

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	02	1	02	007	99	00		000000	000.00	00.00	00.0		1	P

P7 SCC COMMENT

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Fuel #2	F	05	TSP	000010.000			0000003
Natural Gas			SO ₂	000000.600			
			NO _x	000180.000			0000048
			HC	000003.000			0000000
			CO	000017.000			0000003

VVC 000013613

DATE		SEGMENT	POINT	USER	UTM COORDINATES			LATITUDE			LONGITUDE			ANNUAL THRUPT				NORMAL OPERATING			
YEAR	DAY	TYPE	ID	POINT ID	SIC	IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK	WK/YR
82	015	1	03	IIC	2869	01	472.9	3346.5							25	25	25	25	24	7	49

BOILER	SPACE	S	T	A	C	K	D	A	T	A	COMP	SCHED	COMP	STATUS	DAY	ECAP	CONTROL	REGULATION	REG 1	REG 2	REG 3
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW	RATE	VELOCITY	PLUME	PNTS	YEAR	MONTH	YEAR	MONTH	DAY	ECAP	CONTROL	REG 1	REG 2	REG 3		
00062	00.0	0120	06.0	0550	0029270		01038									0	0021	0024	0022		

P7 POINT COMMENT

IIC Cracking Furnace Stack

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTL EFFICIENCY	E M I S S I O N S				ESTM BASELINE METHOD CHANGES
						ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL	
05	TSP		000		00.0	0000004		0000004		3 3
	SO ₂		000		00.0	0000057		0000057		3 3
	NO _x		000		00.0	0000026		0000026		5 3
	HC		000		00.0	0000002		0000002		3 3
	CO		000		00.0	0000009		0000009		3 3

VVC 000013614

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	03	1	02	005	01	00		0003173	0000.385	00.25	00.0	00127	1	P

P7 SCC COMMENTPermitted for 56.32 tons/yr of SO₂ emissions

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Fuel #1	F	05	TSP	000002.000			0000003
#2 Fuel 011			SO ₂	000142.000	S		0000058
			NOX	000013.000			
			HC	000001.000			0000058
			CO	000005.000			0000008

VVC 000013615

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	SCC I	II	III	IV	SCC SEG NR	BEC NR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	03	1	02	007	99	00		000090	000.011	00.02	00.0	1208	1	P

P7 SCC COMMENT

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Fuel #2 Refinery Fuel Gas	F	05	TSP	000010.000	S		
			SO2	000080.900			
			NOX	000003.000			
			HC	000017.000			
			CO				

VVC 000013616

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	03	1	02	007	99	00		000000	00.00	00.00	00.0		1	P

P7 SCC COMMENT

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Fuel #3	F	05	TSP	000010.000			0000003
Natural Gas			SO ₂	000000.600			
			NOX	000180.000			0000048
			HC	000003.000			0000000
			CO	000017.000			0000003

VVC 000013617

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPUT				NORMAL OPERATING		
						HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK	WK/YR
82	015	1	04	VA	2869	472.9	3346.5							25	25	25	25	24	7	52
BOILER CAPACITY	SPACE HEAT	S T	A A	C TEMP	K FLOW RATE	D VELOCITY	A PLUME PNTS	COMP	COMP SCHED			COMP STATUS						CONTROL REGULATION		
00000	00.0	0145	03.0	0125	0028817	04074			YEAR	MONTH	YEAR	MONTH	DAY	ECAP	REG 1	REG 2	REG 3			
																		0		

P2 POINT COMMENT

VA Vent Incinerator

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNL EFFICIENCY	E M I S S I O N S ESTIMATE MEASURED ALLOWABLE	POTENTIAL UNITS	ESTM BASELINE METHOD CHANGES
07	TSP		022		00.0	0000076	0000000	4 3
	SO2		022		00.0	0000002	0000000	4 3
	NOX		022		00.0	0000122	0000000	4 3
	CO		022		00.0	0000002	0000392	4 3
	43101		022		00.0	0000013	0026477	4 3
	43860		022		00.0	0000011	0003896	4 3
	42800		022		00.0	0000002	0020662	4 3
	42302		022		00.0	0000000	0002536	4 3

VVC 000013618

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL' - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	04	3	01	900	99	00							1	P

P7 SCC COMMENT

<u>SOURCE DESCRIPTION</u>	<u>E F SOURCE</u>	<u>NUMBER OF EMSN FCTR</u>	<u>POLLUTANT ID</u>	<u>EMISSION FACTOR</u>	<u>ASH / SULFUR</u>	<u>FACTOR UNITS</u>	<u>EMISSIONS APPORT</u>
Vent Incinerator							

VVC 000013619

SEGMENT TYPE	POINT ID	SEQ NBR
3	04	01

DATE		LINE	EIS	COMMENT
YR	DAY	NBR	FL 30	
82	015	001		Vent Gases and by product liquids are burned
82	015	002		43101 Total hydrocarbons
82	015	003		43860 Vinyl Chloride
82	015	004		42800 Miscellaneous Hydrocarbons
82	015	005		42302 Hydrogen Chloride

VVC 000013620

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES IPP HORIZONTAL	VERTICAL	LATITUDE DEG MIN SEC	LONGITUDE DEG MIN SEC	ANNUAL THRUPUT DEC MAR JUN SEP	NORMAL HR/D	OPERATING D/WK	WK/YR
82	015	1	05	IVJ	2869	00	472.9	3346.5		25 25 25 25	24	7	52

BOILER CAPACITY	SPACE HEAT	S HEIGHT	T DIAM	A TEMP	C FLOW RATE	K VELOCITY	D PLUME	A PNTS	COMP YEAR	SCHED MONTH	COMP YEAR	STATUS MONTH	DAY	ECAP	CONTROL REG 1	REGULATION REG 2	REG 3
00000	00.0	0035	00.8	0084	0000005	00010			1					0	0022		

P7 POINT COMMENT

IVJ Dock EDC Tank (T-415)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTL EFFICIENCY	E M I S S I O N S				ESTM BASELINE		
						ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL	UNITS	METHOD	CHANGES
03	43101		000		00.0	0000009		0000007	0000007	4		
	43815		000		00.0	0000009		0000007	0000007	4		
	42800		000		00.0	0000000		0000000	0000000	4		
	42302		000		00.0	0000000		0000000	0000000	4		

VVC 000013621

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	SCC I II III	SCC IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF SOURCE
82	015	2	05	4	03 010	97	01						1 P

P7 SCC COMMENT

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
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Breathing Losses 7.95 Tons

VVC 000013622

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	SCC I II III IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	05	4	03	010	99	00				1	P

P7 SCC COMMENT

The projected annual throughput for T-415 is 60,000,000 lbs. of EDC.

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF ENSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Working losses 1.52 Tons							

SEGMENT TYPE	POINT ID	SEQ NBR	
3	05	01	
DATE YR DAY	LINE NBR	EIS FL 30	COMMENT
82 015	001		43101 Total Hydrocarbons
82 015	002		43815 1,2-Dichloroethane
82 015	003		42800 Miscellaneous Hydrocarbons
82 015	004		42302 Hydrogen Chloride
82 015	005		The "estimate" emission for 42800 is 0.143 Tons/Yr.
82 015	006		The "allowable" and "potential" emissions for 42800 are 0.28 Tons/Yr.
82 015	007		The "estimate" emission for 42302 is negligible (≤ 0.01 Tons/Yr.)
82 015	008		The "allowable" and "potential" emissions for 42302 are 0.19 Tons/Yr.
82 015	009		The allowable emissions for point source IVJ will be changed in a resubmitted EIQ.

VVC 000013624

P7 POINT COMMENT

IVK Deck VCM Vent Recovery

VVC 000013625

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	06	3	01	999	99	00							1	P

P7 SCC COMMENT

SOURCE DESCRIPTION

Activated Carbon
Adsorption

E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
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VVC 000013626

SEGMENT TYPE	POINT ID	SEQ NBR
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3	06	01
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DATE		LINE	EIS	COMMENT
YR	DAY	NBR	FL 30	

82	015	001		43101 Total Hydrocarbons
----	-----	-----	--	--------------------------

82	015	002		43860 Vinyl Chloride
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82	015	003		The "estimate" and "allowable" emissions for 43101 are <0.1 Tons/Yr.
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82	015	004		The "estimate" and "allowable" emissions for 43860 are <0.1 Tons/Yr.
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VVC 000013627

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES IPP HORIZONTAL	VERTICAL	LATITUDE DEG MIN SEC	LONGITUDE DEG MIN SEC	ANNUAL THRUPT DEC MAR JUN SEP	NORMAL OPERATING HR/D D/WK WK/YR
82	015	1	B1	IYA	2869	472.9	3346.5			0 0 0 0 0 0	0
BOILER SPACE S T A C K D A T A											
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME PNTS	COMP	YEAR	MONTH	STATUS
0000	00.0	0148	03.0	000	0000000	00000		1			

P7 POINT COMMENT

IYA C-500 (Main Plant Vent Stack)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNL EFFICIENCY	E M I S S I O N S ESTIMATE MEASURED ALLOWABLE	POTENTIAL	UNITS	ESTM BASELINE METHOD CHANGES
07	43101					0000000	0000000	7	2
	43860					0000000	0000000	7	2
	43203					0000000	0000000	7	2
	43202					0000000	0000000	7	2
	43201					0000000	0000000	7	2
	42800					0000000	0000000	7	2
	42215					0000000	0000000	7	2
	42302					0000000	0000000	7	2

VVC 000013628

SEGMENT TYPE	POINT ID	SEQ NBR
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3	B1	01
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DATE		LINE	EIS	COMMENT
YR	DAY	NBR	FL 30	

82	015	001		43101 Total Hydrocarbons
82	015	002		43860 Vinyl Chloride
82	015	003		43203 Ethylene
82	015	004		43202 Ethane
82	015	005		43201 Methane
82	015	006		42800 Miscellaneous Hydrocarbons
82	015	007		42215 Chlorine
82	015	008		42302 Hydrogen Chloride
82	015	009		

Upon completion of the oxy revamp, the oxy chlorination vent stream will be burned in the incinerator. The difference between the current B1 emissions and the future B1 emissions is in accordance with the hydrocarbon banking agreement submitted to the state on May 22, 1979 and subsequently revised on December 22, 1980. C-500 vent stack will remain in the plant. It will have no normal vent flow. It will, however, vent emergency releases from relief valves and rupture discs and bypasses of the incinerator.

VVC 000013629

<u>STATE</u>		<u>COUNTY</u>	<u>ACCR</u>	<u>PLANT ID</u>		
19		0520	106	0012		
<u>DATE</u>	<u>SEGMENT</u>	<u>CONTROL</u>	<u>LOCAL</u>	<u>PLANT ID</u>	<u>CITY</u>	<u>UTM ZONE</u>
<u>YEAR</u>	<u>DAY</u>	<u>TYPE</u>	<u>REGION</u>	<u>CONTROL</u>	<u>OWNER</u>	<u>CONTACT</u>
75	006	0			3180	15
					P	Foshee, Gary L.
						318-491-5062
						VCN
						PRINCIPAL PRODUCT

<u>ESTABLISHMENT NAME AND ADDRESS</u>	<u>ZIP</u>	<u>NUMBER OF EMPLOYEES</u>	<u>PROPERTY AREA</u>	<u>MAILING ADDRESS</u>
Conoco Chemicals VCM Plant P.O. Box 605 Westlake, LA 70669	100	43.7		Conoco

P7 PLANT COMMENT

Data From 7/10/74 EIQ for point ID 06, B1, B2
 Data From 5/28/76 EIQ for point ID 01, 02, 05, B3, 07, 08, 09, 10, 11, 12, 13, 14, 15

VVC 000013630

SEGMENT	POINT	SEQ
TYPE	ID	NBR
03	01	01
DATE	LINE	EIS
YR DAY	NBR	FL 30
75 006	001	
75 006	002	

COMMENT

The "estimate" emission for SO₂ is 0.120 Tons/Yr.
The "allowable" emission for SO₂ is 0.123 Tons/Yr.

VVC 000013632

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES HORIZONTAL	VERTICAL	LATITUDE DEG MIN SEC	LONGITUDE DEG MIN SEC	ANNUAL THRUPT DEC MAR JUN SEP	NORMAL OPERATING HR/D D/WK WK/YR
75	006	1	02	IIB	2869	00	479.2	3346.5		25 25 25 25	24 7 49
0052	00.0	012	04.5	0550	17607	1110		1		0	0021 0024 0022

P7 POINT COMMENT

IIB Cracking Furnace Stack

Natural gas usage by point source IIB in 1974 was 413MM SCF.
This is 97.6% of the maximum operating rate.

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTRL EFFICIENCY	E M I S S I O N S ESTIMATE MEASURED ALLOWABLE	POTENTIAL UNITS	ESTM BASELINE METHOD CHANGES
05	TSP	000	000		00.0	0000004		3
	SO ₂	000	000		00.0	0000000		2
	NOX	000	000		00.0	0000048		3
	HC	000	000		00.0	0000001		3
	CO	000	000		00.0	0000004		3

VVC 000013633

SEGMENT TYPE	POINT ID	SEQ NBR
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03	02	01
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DATE YR DAY	LINE NBR	EIS FL 30
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75 006	001	
75 006	002	

COMMENT

The "estimate" emission for SO₂ is .120 Tons/Yr.
The "allowable" emission for SO₂ is .123 Tons/Yr.

VVC 000013634

DATE		SEGMENT		POINT	USER	SIC	UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPTUT				NORMAL OPERATING		
YEAR	DAY	TYPE	ID	POINT ID			IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK
75	006	1	05	IVJ	2869	00	472.9	3346.5							25	25	25	25	24	7	52

BOILER	SPACE	S	T	A	C	K	D	A	T	A	COMP	COMP	SCHED	COMP	STATUS	DAY	ECAP	CONTROL	REGULATION	
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME	PNTS	YEAR	MONTH	YEAR	MONTH	YEAR	MONTH	DAY	ECAP	REG 1	REG 2	REG 3	
00000	00.0	0035	00.8	0084	0000005	00010	0000	1								0	0022			

P7 POINT COMMENT

IVJ Dock EDC Tank (T-415)

The annual throughput in 1974 was 1,452,525 lbs. of EDC.

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTL EFFICIENCY	E M I S S I O N S				ESTM BASELINE METHOD CHANGES
						ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL UNITS	
03	43101		000		00.0	0000008		0000007		4
	43815		000		00.0	0000008		0000007		4
	42800		000		00.0	0000000		0000000		4
	42302		000		00.0	0000000		0000000		4

VVC 000013635

SEGMENT TYPE	POINT ID	SEQ NBR
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3	05	01
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DATE		LINE	EIS
YR	DAY	NBR	FL 30

COMMENT

75	006	001	43101	Total Hydrocarbons
75	006	002	43815	1,2-Dichloroethane
75	006	003	42800	Miscellaneous Hydrocarbons
75	006	004	42302	Hydrogen Chloride
75	006	005		The "estimate" emission for 42800 is 0.12 Tons/Yr.
75	006	006		The "allowable" emission for 42800 is 0.28 Tons/Yr.
75	006	007		The "estimate" emission for 42302 is negligible (<0.01 Tons/Yr.)
75	006	008		The "allowable" emission for 42302 is 0.19 Tons/Yr.

VVC 000013636

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES HORIZONTAL	VERTICAL	LATITUDE DEG	MIN	SEC	LONGITUDE DEG	MIN	SEC	ANNUAL THRUPUT DEC	MAR	JUN	SEP	NORMAL OPERATING HR/D	D/WK	WK/YR
75	006	1	06	IVK	2869	472.9	3346.5							25	25	25	25	1.1	5	52

BOILER CAPACITY	SPACE HEAT	S HEIGHT	T DIAM	A TEMP	C FLOW RATE	K VELOCITY	D PLUME PNTS	A COMP	YEAR	MONTH	COMP STATUS YEAR	MONTH	DAY	ECAP	CONTROL REGULATION REG 1	REG 2	REG 3
00000	00.0	050	0.2	0075	00327	10396		3			75	12	1	0			

VVC 000013637

P7 POINT COMMENT

IVK Dock VCM Vent Recovery

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTRL EFFICIENCY	E M I S S I O N S ESTIMATE MEASURED	ALLOWABLE POTENTIAL	UNITS	ESTM BASELINE METHOD CHANGES
01	43101 43860		047 047		00.0 00.0	0000397 0000397	0000397 0000397		4 4

VVC 000013638

SEGMENT TYPE	POINT ID	SEQ NBR
3	06	01

DATE		LINE NBR	EIS		COMMENT
YR	DAY		FL	30	
75	006	001			43101 Total Hydrocarbons
75	006	002			43860 Vinyl Chloride

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES HORIZONTAL	VERTICAL	LATITUDE DEG MIN SEC	LONGITUDE DEG MIN SEC	ANNUAL THRUPT DEC MAR JUN SEP	NORMAL OPERATING HR/D O/MK WK/YR	
75	006	1	81	IVA	2869	472.9	3346.5			25 25 25 25	24 7 52	
BOILER CAPACITY	SPACE HEAT	S HEIGHT	T DIAM	C TEMP	K FLOW RATE	D VELOCITY	A PLUME PNTS	A COMP	COMP SCHED YEAR MONTH	COMP STATUS YEAR MONTH DAY	ECAP	CONTROL REGULATION REG 1 REG 2 REG 3
00000	00.0	0148	03.0	0090	0011573	01638	0000 0000	3		75 8 6		

P7 POINT COMMENT

IVA C-500 (Main Plant Vent Stack)

The annual production of VCM in 1974 was 671,058,527 lbs.
This is 91.9% of the maximum production rate.

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP ESTIM SEC	ESTM CNL EFFICIENCY	E M I S S I O N S MEASURED ALLOWABLE	POTENTIAL UNITS	ESTM BASELINE METHOD CHANGES
10	43101	000	000	00.0	00.0	0007330	0007977	1
	43815	000	000	00.0	00.0	0002023	0002202	1
	43812	000	000	00.0	00.0	0001704	0001854	1
	43860	000	000	00.0	00.0	0000459	0000499	1
	43203	000	000	00.0	00.0	0001662	0001809	1
	43202	000	000	00.0	00.0	0000019	0000021	1
	43201	000	000	00.0	00.0	0000594	0000647	1
	42800	000	000	00.0	00.0	0000869	0000945	1
	42215	000	000	00.0	00.0	0000466	0000507	1
	42302	000	000	00.0	00.0	0000305	0000332	1
	CO	000	000	00.0	00.0	0001786	0001944	1

VVC 000013640

SEGMENT TYPE	POINT ID	SEQ NBR
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3	B1	01
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DATE		LINE	EIS		COMMENT
YR	DAY	NBR	FL	30	

75	006	001			43101 Total Hydrocarbons
75	006	002			43815 1,2-Dichloroethane
75	006	003			43812 Ethyl Chloride
75	006	004			43860 Vinyl Chloride
75	006	005			43203 Ethylene
75	006	006			43202 Ethane
75	006	007			43201 Methane
75	006	008			42800 Miscellaneous Hydrocarbons
75	006	009			42215 Chlorine
75	006	010			42302 Hydrogen Chloride

DATE		SEGMENT	POINT	USER	SIC	UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPT				NORMAL	OPERATING	
YEAR	DAY	TYPE	ID	POINT ID		1PP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK
75	006	1	B2	IVB	2869	472.9	3346.5							25	25	25	25	1.1	7	52

BOILER	SPACE	S	T	A	C	K	D	A	T	A	COMP	COMP SCHED	COMP	STATUS	DAY	ECAP	CONTROL	REGULATION		
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME	PNTS	COMP	YEAR	MONTH	YEAR	MONTH	REG 1			REG 2	REG 3		
00000	00.0	0025	00.2	0070	00199	06334	0000	0000	3			75	12	1						

VVC 000013641

P7 POINT COMMENT

IVB Tank Car Vent Recovery

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTL EFFICIENCY	E M I S S I O N S			ESTM BASELINE METHOD CHANGES
						ESTIMATE	MEASURED	ALLOWABLE	
01	43101		047		00.0	0000303	0000303	0000303	4
	43860		047		00.0	0000303	0000303	0000303	4

SEGMENT TYPE	POINT ID	SEQ NBR
3	B2	01

DATE		LINE NBR	EIS		COMMENT
YR	DAY		FL	30	
75	006	001			43101 Total Hydrocarbons
75	006	002			43860 Vinyl Chloride

VVC 000013642

DATE		SEGMENT POINT		USER	SIC	UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPUT				NORMAL OPERATING		
YEAR	DAY	TYPE	ID	POINT ID		IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK
75	006	1	B3	IVC		472.9	3346.5							25	25	25	25	24	7	49

BOILER	SPACE	S	T	A	C	K	D	A	T	A	COMP	SCHED	COMP	STATUS	CONTROL REGULATION			
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME	PNTS	COMP	YEAR	MONTH	YEAR	MONTH	DAY	ECAP	REG 1	REG 2	REG 3
00000	00.0	0120	00.7	0075	000002	000007	0000	0000										

P7 POINT COMMENT

IVC BL-501 Propylene Vent

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL EQUIP PRI SEC	ESTM CNTRL EFFICIENCY	E M I S S I O N S				ESTM BASELINE METHOD CHANGES
					ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL	
01	43101		.047	00.0	0000060	0000060			2
	43205		047	00.0	0000060	0000060			2

VVC 000013643

SEGMENT		POINT	SEQ	
TYPE		ID	NBR	
3		B3	01	
DATE		LINE	EIS	COMMENT
YR	DAY	NBR	FL 30	
75	006	001		43101 Total Hydrocarbons
75	006	002		43205 Propylene

VVC 000013644

EIS/PS BASELINE INVENTORY

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DATE		SEGMENT	POINT	USER	SIC	UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPUT				NORMAL OPERATING		
YEAR	DAY	TYPE	ID	POINT ID		IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK
75	006	1	07	IVD		472.9	3346.5							25	25	25	25	24	7	52

BOILER	SPACE	S	T	A	C	K	D	A	T	A	COMP	COMP	SCHED	COMP	STATUS	DAY	ECAP	CONTROL	REGULATION	
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME	PNTS			YEAR	MONTH	YEAR	MONTH			REG 1	REG 2	REG 3	
00000	00.0	050	0.5	084	0.07	0.4					1									

P7 POINT COMMENT

IVD Dry Crude EDC Tank (T-450)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNL EFFICIENCY	E M I S S I O N S				UNITS	ESTM BASELINE METHOD CHANGES
						ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL		
02	43101		053		00.0	0000000		0000000		4	
	43815		053		00.0	0000000		0000000		4	
	42302		053		00.0	0000000		0000000		4	

VVC 000013645

SEGMENT TYPE	POINT ID	SEQ NBR
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3	07	01
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DATE		LINE	EIS	COMMENT
YR	DAY	NBR	FL 30	

75	006	001		43101 Total Hydrocarbons
75	006	002		43815 1,2-Dichloroethane
75	006	003		42302 Hydrogen Chloride
75	006	004		The "estimate" and "allowable" emissions for 43101 and 43815 are 0.13 Tons/Yr.
75	006	005		The "estimate" and "allowable" emissions for 42302 are 0.04 Tons/Yr.

VVC 000013646

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES HORIZONTAL	VERTICAL	LATITUDE DEG MIN SEC	LONGITUDE DEG MIN SEC	ANNUAL THRU PUT DEC MAR JUN SEP	NORMAL OPERATING HR/D D/WK WK/YR			
75	006	1	08	IVE	2869	472.9	3346.5			25 25 25 25 24 7 52				
BOILER CAPACITY	SPACE HEAT	S HEIGHT	T DIAM	A TEMP	C FLOW RATE	D VELOCITY	A PLUME PNTS	T COMP	A YEAR	SCHED MONTH	COMP STATUS YEAR MONTH	DAY	ECAP	CONTROL REGULATION REG 1 REG 2 REG 3
00000	00.0	050	0.5	084	000002	000013		1						

P7 POINT COMMENT

IVE Pure EDC Tank (T-451)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTRL EFFICIENCY	E M I S S I O N S ESTIMATE MEASURED ALLOWABLE	POTENTIAL UNITS	ESTM BASELINE METHOD CHANGES
03	43101	000	000		00.0	0000003	0000003	4
	43815	000	000		00.0	0000003	0000000	4
	42800	000	000		00.0	0000000	0000000	4
	42302	000	000		00.0	0000000	0000000	4

VVC 000013647

SEGMENT	POINT	SEQ
TYPE	ID	NBR
3	08	01
DATE	LINE	EIS
YR DAY	NDR	FL 30
75 006	001	
75 006	002	43101 Total Hydrocarbons
75 006	003	43815 1,2-Dichloroethane
75 006	004	42800 Miscellaneous Hydrocarbons
75 006	005	42302 Hydrogen Chloride
75 006	006	The "estimate" and "allowable" emissions for 42800 are 0.13 Tons/Yr. The "estimate" and "allowable" emissions for 42302 are 0.09 Tons/Yr.

VVC 000013648

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES IPP HORIZONTAL	VERTICAL	LATITUDE DEG MIN SEC	LONGITUDE DEG MIN SEC	ANNUAL THRUPUT DEC MAR JUN SEP	NORMAL OPERATING HR/D D/WK WK/YR
75	006	1	09	IVF	2869	472.9	3346.5			25 25 25 25	24 7 52
BOILER SPACE S T A C K D A T A CAPACITY HEAT HEIGHT DIAM TEMP FLOW RATE VELOCITY PLUME PNTS COMP 00000 00.0 025 0.5 084 000007 000035 1 COMP SCHED COMP STATUS YEAR MONTH YEAR MONTH DAY ECAP CONTROL REGULATION REG 1 REG 2 REG 3											

P7 POINT COMMENT

IVF Sales EDC Tank (T-452)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNL EFFICIENCY	E M I S S I O N S ESTIMATE MEASURED ALLOWABLE	POTENTIAL UNITS	ESTM BASELINE METHOD CHANGES
03	43101	000	000		00.0	0000003		4
	43815	000	000		00.0	0000003		4
	42800	000	000		00.0	0000000		4
	42302	000	000		00.0	0000000		4

SEGMENT TYPE	POINT ID	SEQ NBR
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3	09	01
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DATE YR DAY	LINE NBR	EIS FL 30	COMMENT
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75	006	001	43101 Total Hydrocarbons
75	006	002	43815 1,2-Dichloroethane
75	006	003	42800 Miscellaneous Hydrocarbons
75	006	004	42302 Hydrogen Chloride
75	006	005	The "estimate" and "allowable" emissions for 42800 are 0.18 Tons/Yr.
75	006	006	The "estimate" and "allowable" emissions for 42302 are 0.09 Tons/Yr.

0591000
VVC

DATE		SEGMENT POINT		USER		UTM COORDINATES			LATITUDE			LONGITUDE			ANNUAL THRUPUT				NORMAL OPERATING		
YEAR	DAY	TYPE	ID	POINT ID	SIC	IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK	WK/YR
75	006	1	10	IVG	2869		472.9	3346.5							25	25	25	25	24	7	52

BOILER	SPACE	S	T	A	C	K	D	A	T	A	COMP	COMP SCHED	COMP STATUS	CONTROL REGULATION				
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME	PNTS	COMP	YEAR	MONTH	YEAR	MONTH	DAY	ECAP	REG 1	REG 2	REG 3
00000	00.0	025	0.5	084	000000	000000					1							

P7 POINT COMMENT

IVG Slops EDC Tank (T-460)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTL EFFICIENCY	E M I S S I O N S				ESTM BASELINE METHOD CHANGES
						ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL	
03	43101		000		00.0	0000000		0000000		4
	43815		000		00.0	0000000		0000000		4
	43860		000		00.0	0000000		0000000		4
	42302		000		00.0	0000000		0000000		4

VVC 000013651

SEGMENT TYPE	POINT ID	SEQ NBR	
3	10	01	
DATE YR DAY	LINE NBR	EIS FL 30	COMMENT
75 006	001		43101 Total Hydrocarbons
75 006	002		43815 1,2-Dichloroethane
75 006	003		43860 Vinyl Chloride
75 006	004		42302 Hydrogen Chloride
75 006	005		The "estimate" and "allowable" emissions for 43101 are <0.2 Tons/Yr.
75 006	006		The "estimate" and "allowable" emissions for 43815 are <0.1 Tons/Yr.
75 006	007		The "estimate" and "allowable" emissions for 43860 are <0.1 Tons/Yr.
75 006	008		The "estimate" and "allowable" emissions for 42302 are <0.1 Tons/Yr.

VVC 000013652

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES IPP HORIZONTAL	VERTICAL	LATITUDE DEG MIN SEC	LONGITUDE DEG MIN SEC	ANNUAL THRUPUT DEC MAR JUN SEP	NORMAL OPERATING HR/D D/WK WK/YR
75	006	1	11	IVH	2869	472.9	3346.5			25 25 25 25	24 7 52
BOILER SPACE S T A C K D A T A											
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME PNTS	COMP YEAR MONTH	COMP STATUS YEAR MONTH	DAY	ECAP REG 1 REG 2 REG 3
00000	00.0	025	0.5	135	000001	000004		1			

P7 POINT COMMENT

IVH Tars Tank (T-405)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL EQUIP PRI SEC	ESTM CNTL EFFICIENCY	E M I S S I O N S ESTIMATE MEASURED ALLOWABLE	POTENTIAL UNITS	ESTM BASELINE METHOD CHANGES
01	43101 43815		000 000	00.0 00.0	0000000 0000000		4 4

SEGMENT TYPE	POINT ID	SEQ NBR
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3	11	01
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DATE		LINE	EIS	
YR	DAY	NBR	FL	30

COMMENT

75	006	001	43101 Total Hydrocarbons	
75	006	002	43815 1,2-Dichloroethane	
75	006	003	The "estimate" and "allowable" emissions for 43101 are 0.44 Tons/Yr.	
75	006	004	The "estimate" and "allowable" emissions for 43815 are 0.44 Tons/Yr.	

VVC 000013654

DATE		SEGMENT		POINT		USER		UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPUT				NORMAL OPERATING		
YEAR	DAY	TYPE	ID	POINT ID	SIC	IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK	WK/YR	
75	006	1	12	IVI	2869		472.9	3346.5							25	25	25	25	24	7	52	

BOILER	SPACE	S	T	A	C	K	D	A	T	A	COMP	COMP SCHED	COMP STATUS	CONTROL	REGULATION			
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME	PNTS	COMP	YEAR	MONTH	YEAR	MONTH	DAY	ECAP	REG 1	REG 2	REG 3
00000	00.0	050	0.5	120	000004	000019				1								

P7 POINT COMMENT

IV 1 Wet Crude EDC Tank (T-453)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNL EFFICIENCY	E M I S S I O N S				ESTM BASELINE METHOD CHANGES
						ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL	
05	43101		000		00.0	0000003		0000003		4
	43201		000		00.0	0000000		0000000		4
	43815		000		00.0	0000003		0000003		4
	43860		000		00.0	0000000		0000000		4
	42800		000		00.0	0000000		0000000		4
	42302		000		00.0	0000000		0000000		4

VVC 000013655

SEGMENT TYPE	POINT ID	SEQ NBR
3	12	01

DATE		LINE	EIS	COMMENT
YR	DAY	NBR	FL 30	
75	006	001		43101 Total Hydrocarbons
75	006	002		43201 Methane
75	006	003		43815 1,2-Dichloroethane
75	006	004		43860 Vinyl Chloride
75	006	005		42800 Miscellaneous Hydrocarbons
75	006	006		42302 Hydrogen Chloride
75	006	007		The "estimate" and "allowable" emissions for 43201 are 0.09 Tons/Yr.
75	006	008		The "estimate" and "allowable" emissions for 43860 are 0.04 Tons/Yr.
75	006	009		The "estimate" and "allowable" emissions for 42800 are 0.22 Tons/Yr.
75	006	010		The "estimate" and "allowable" emissions for 42302 are 0.09 Tons/Yr.

VVC 000013656

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPUT				NORMAL		OPERATING	
						IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK	WK/YR
75	006	1	13	IVL	2869		472.9	3346.5							25	25	25	25	24	7	49

BOILER CAPACITY	SPACE HEAT	S HEIGHT	T DIAM	A TEMP	C FLOW RATE	K VELOCITY	D PLUME	A PNTS	COMP	SCHED		STATUS		DAY	ECAP	CONTROL REGULATION		
										YEAR	MONTH	YEAR	MONTH			REG 1	REG 2	REG 3
00000	00.0	043	0.3	100	000005	000062			1									

P7 POINT COMMENT

IVL EDC Acid Wash Tank Vent (T-103)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTRL EFFICIENCY	E M I S S I O N S				UNITS	ESTM BASELINE	
						ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL		METHOD	CHANGES
06	43101		000		00.0	0000015		0000015		1		
	43201		000		00.0	0000003		0000003		1		
	43860		000		00.0	0000001		0000001		1		
	43203		000		00.0	0000000		0000000		1		
	43202		000		00.0	0000001		0000001		1		
	42800		000		00.0	0000010		0000010		1		
	CO		000		00.0	0000001		0000001		1		

VVC 000013657

SEGMENT TYPE	POINT ID	SEQ NBR	
3	13	01	
DATE YR DAY	LINE NBR	EIS FL 30	COMMENT
75 006	001		43101 Total Hydrocarbons
75 006	002		43201 Methane
75 006	003		43860 Vinyl Chloride
75 006	004		43203 Ethylene
75 006	005		43202 Ethane
75 006	006		42800 Miscellaneous Hydrocarbons
75 006	007		The "estimate" and "allowable" emissions for 43203 are 0.16 Tons/Yr.

B 000013658 JVA

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	USER POINT ID	SIC	UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPUT				NORMAL OPERATING			
						IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK	WK/YR
75	006	1	14	IVM	2869		472.9	3346.5							25	25	25	25	24	7	49

BOILER CAPACITY	SPACE HEAT	S HEIGHT	T DIAM	A TEMP	C FLOW RATE	K	D VELOCITY	A PLUME	T PNTS	A	COMP	COMP SCHED YEAR MONTH	COMP STATUS YEAR MONTH	DAY	ECAP	CONTROL REG 1	REGULATION REG 2	REG 3	
00000	00.0	043	0.3	100	000005	000060					1								

P7 POINT COMMENT

IVM Wash Water Neutralization Pit Vent (T-252)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTL EFFICIENCY	E M I S S I O N S				ESTM BASELINE		
						ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL	UNITS	METHOD	CHANGES
06	43101		000		00.0	0000016		0000016		1		
	43201		000		00.0	0000001		0000001		1		
	43202		000		00.0	0000000		0000000		1		
	43203		000		00.0	0000001		0000001		1		
	43860		000		00.0	0000001		0000001		1		
	42800		000		00.0	0000013		0000013		1		
	CO		000		00.0	0000000		0000000		1		

VVC 000013659

SEGMENT TYPE	POINT ID	SEQ NBR
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3	14	01
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DATE YR DAY	LINE NRR	EIS FL 30
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COMMENT

75	006	001	43101	Total Hydrocarbons
75	006	002	43201	Methane
75	006	003	43202	Ethane
75	006	004	43203	Ehtylene
75	006	005	43860	Vinyl Chloride
75	006	006	42800	Miscellaneous Hydrocarbons
75	006	007	The "estimate" and "allowable" emissions for 43202 are 0.008 Tons/Yr.	
75	006	008	The "estimate" and "allowable" emissions for C0 are 0.16 Tons/Yr.	

VVC 000013660

DATE		SEGMENT	POINT	USER	SIC	UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPUT				NORMAL OPERATING		
YEAR	DAY	TYPE	ID	POINT ID		IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK
75	006	1	15	IVN	2869	472.9	3346.5							25	25	25	25	24	7	52

BOILER	SPACE	S	T	A	C	K	D	A	T	A	COMP	COMP	SCHED	COMP	STATUS	CONTROL	REGULATION	
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME	PNTS	COMP	YEAR	MONTH	YEAR	MONTH	DAY	ECAP	REG 1	REG 2	REG 3
00000	00.0	030	0.5	084	000002	000010				1								

P7 POINT COMMENT

IVN Light Ends Storage Tank (T-402)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTRL EFFICIENCY	E M I S S I O N S				ESTM BASELINE METHOD CHANGES
						ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL	
04	43101		000		00.0	0000011		0000011		4
	43815		000		00.0	0000000		0000000		4
	43860		000		00.0	0000002		0000002		4
	42800		000		00.0	0000009		0000009		4
	42302		000		00.0	0000000		0000000		4

VVC 000013661

SEGMENT TYPE	POINT ID	SEQ NBR
3	15	01

DATE YR DAY	LINE NBR	EIS FL 30	COMMENT
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75	006	001	43101 Total Hydrocarbons
75	006	002	43815 1,2-Dichloroethane
75	006	003	43860 Vinyl Chloride
75	006	004	42800 Miscellaneous Hydrocarbons
75	006	005	42302 Hydrogen Chloride
75	006	006	The "estimate" and "allowable" emissions for 43815 are 0.48 Tons/Yr.
75	006	007	The "estimate" and "allowable" emissions for 42302 are 0.04 Tons/Yr.

VVC 000013662

EIS/PS CURRENT INVENTORY

PAGE 1

<u>STATE</u>	<u>COUNTY</u>	<u>AQCR</u>	<u>PLANT ID</u>								
19	0520	106	0012								
<u>DATE</u> <u>YEAR</u>	<u>DAY</u>	<u>SEGMENT</u> <u>TYPE</u>	<u>CONTROL</u> <u>REGION</u>	<u>LOCAL</u> <u>CONTROL</u>	<u>PLANT ID</u>	<u>CITY</u>	<u>UTM</u> <u>ZONE</u>	<u>OWNER</u>	<u>CONTACT</u>	<u>TELEPHONE</u>	<u>PRINCIPAL</u> <u>PRODUCT</u>
B2	015	0				3180	15	P	Foshee, Gary. L.	318-491-5062	VCM

<u>ESTABLISHMENT NAME AND ADDRESS</u>	<u>ZIP</u>	<u>NUMBER OF</u> <u>EMPLOYEES</u>	<u>PROPERTY</u> <u>AREA</u>	<u>MAILING ADDRESS</u>
Conoco Chemicals VCM Plant P.O. Box 605 Westlake, LA 70669		114	43.7	Conoco

P7 PLANT COMMENT

Data From Permit #1243T, October 2, 1979

VVC 000013663

DATE		SEGMENT POINT		USER		UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPT				NORMAL OPERATING			
YEAR	DAY	TYPE	ID	POINT ID	SIC	IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK	WK/YR
82	015	1	01	IIA	2869		472.9	3346.5							25	25	25	25	24	7	49

BOILER	SPACE	S	T	A	C	K	D	A	T	A	COMP	COMP SCHED	COMP	STATUS	DAY	ECAP	CONTROL	REGULATION	
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME	PNTS	COMP	YEAR	MONTH	YEAR	MONTH	DAY	ECAP	REG 1	REG 2	REG 3	
0059	00.0	0120	04.5	0550	017607	01110				1						0	0021	0024	0022

P7 POINT COMMENT

IIA Cracking Furnace Stack

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTL EFFICIENCY	E M I S S I O N S				ESTM BASELINE METHOD CHANGES
						ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL	
05	TSP		000		00.0	0000002		0000002		3
	SO ₂		000		00.0	0000000		0000005		2
	NOX		000		00.0	0000034		0000036		3
	HC		000		00.0	0000001		0000001		3
	CO		000		00.0	0000003		0000003		3

VVC 000013664

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	01	1	02	007	99	00		000405	0000.049		00.0	1208	1	P

P7 SCC COMMENT

Natural Gas usage by point source IIA in 1980 was 376.86 MMSCF.
This is 93% of the maximum operating rate.
No refinery fuel gas was burned in 1980.

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Fuel #1	F	05	TSP	000010.000			0000003
Refinery Fuel Gas			SO ₂		S		
			NO _x	000180.000			0000048
			HC	000003.000			0000000
			CO	000017.000			0000003

VVC 000013665

DATE YFAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	01	1	02	006	02	00		000000	000.000	00.02	00.0	1208	1	P

P7 SCC COMMENT

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Fuel #2	F	05	TSP	000010.000			0000003
Natural Gas			SO ₂	000000.600			
			NOX	000180.000			0000048
			HC	000003.000			0000000
			CO	000017.000			0000003

VVC 000013666

SEGMENT TYPE	POINT ID	SEQ NBR	
3	01	01	
DATE YR DAY	LINE NBR	EIS FL 30	COMMENT
82 015	001		The "estimate" emission for SO ₂ is 0.113 Tons/Yr.

VVC 000013667

DATE		SEGMENT POINT		USER		UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPUT				NORMAL OPERATING			
YEAR	DAY	TYPE	ID	POINT ID	SIC	IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK	WK/YR
82	015	1	02	IIB	2869		472.9	3346.5							25	25	25	25	24	7	49

BOILER	SPACE	S	T	A	C	K	D	A	T	A	COMP	SCHED	COMP	STATUS	DAY	ECAP	CONTROL	REGULATION	
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME	PNTS	COMP	YEAR	MONTH	YEAR	MONTH	DAY	ECAP	REG 1	REG 2	REG 3	
0059	00.0	0120	04.5	0550	017607	01110										0	0021	0024	0022

P7 POINT COMMENT

IIB Cracking Furnace Stack

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNL EFFICIENCY	E M I S S I O N S				ESTM BASELINE METHOD CHANGES
						ESTIMATE	MEASURED	ALLOWABLE	POTENTIAL UNITS	
05	TSP		000		00.0	0000002		0000002		3
	SO ₂		000		00.0	0000000		0000005		2
	NOX		000		00.0	0000034		0000036		3
	HC		000		00.0	0000001		0000001		3
	CO		000		00.0	0000003		0000003		3

VVC 000013668

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	02	1	02	007	99	00		0000405	0000.049	00.02	00.0	1208	1	P

P7 SCC COMMENT

Natural gas usage by point source IIB in 1980 was 376.86 MMSCF.
This is 93% of the maximum operating rate.
No refinery fuel gas was burned in 1980.

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Refinery Fuel Gas	F	05	TSP	000010.000			0000003
			SO ₂		S		
			NOX	000180.000			0000048
			HC	000003.000			0000000
			CO	000017.000			0000003

VVC 000013669

DATE YEAR DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82 015	2	02	1	02	007	99	00		000000	00.00	00.00	00.0		1	P

P7 SCC COMMENT

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Fuel #2	F	05	TSP	000010.000			0000003
Natural Gas			SO ₂	000000.600			
			NO _x	000180.000			0000048
			HC	000003.000			0000000
			CO	000017.000			0000003

VVC 000013670

SEGMENT TYPE	POINT ID	SEQ NBR	
3	02	01	
DATE	LINE	EIS	COMMENT
YR DAY	NBR	FL	
82 015	001		The "estimate" emission for SO ₂ is 0.113 Tons/Yr.

VVC 000013671

VVC 000013672

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	04	3	01	900	99	00							1	P

P7 SCC COMMENT

The annual production of VCM in 1980 was 608,191,939 lbs. This is 88% of the maximum production rate. However, this does not include the burning of light ends and heavy ends liquid by-products. Only a minimal amount of liquids were burned in 1980 for testing purposes.

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
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Vent Gas Incinerator

VVC 000013673

SEGMENT TYPE	POINT ID	SEQ NBR	
3	04	01	
DATE YR DAY	LINE NBR	EIS FL 30	COMMENT
82 015	001		Vent gases and by-product liquids are burned.
82 015	002		43101 Total Hydrocarbons
82 015	003		43860 Vinyl Chloride
82 015	004		42800 Miscellaneous Hydrocarbons
82 015	005		42215 Chlorine
82 015	006		42302 Hydrogen Chloride
82 015	007		The "estimate" emission for SO ₂ is 0.102 Tons/Yr.
82 015	008		The "allowable" emission for SO ₂ is 0.116 Tons/Yr.

VVC 000013674

DATE		SEGMENT POINT		USER		UTM COORDINATES		LATITUDE		LONGITUDE		ANNUAL THRUPUT		NORMAL OPERATING							
YEAR	DAY	TYPE	ID	POINT ID	SIC	IPP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK	WK/YR
82	015	1	05	IVJ	2869		472.9	3346.5				25	25	25	25	24	7	52			
BOILER SPACE S T A C K D A T A CAPACITY HEAT HEIGHT DIAM TEMP FLOW RATE VELOCITY PLUME PNTS COMP YEAR MONTH YEAR MONTH DAY ECAP 00000 00.0 0035 00.8 0084 000005 00960 1 0000007 0000007 0000007 0000000 0000000 0000000 0022																					

P7 POINT COMMENT

IVJ Dock EDC Tank (T-415)

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL EQUIP ESTM CNTL		E M I S S I O N S		ESTM BASELINE METHOD CHANGES
			PRI	SEC	ESTIMATE MEASURED	ALLOWABLE POTENTIAL	
03	43101	000	00.0	0000008	0000007	0000007	4
	43815	000	00.0	0000008	0000007	0000007	4
	42800	000	00.0	0000000	0000000	0000000	4
	42302	000	00.0	0000000	0000000	0000000	4

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	05	4	03	010	97	01								1 P

P7 SCC COMMENT

<u>SOURCE DESCRIPTION</u>	<u>E F SOURCE</u>	<u>NUMBER OF EMSN FCTR</u>	<u>POLLUTANT ID</u>	<u>EMISSION FACTOR</u>	<u>ASH / SULFUR</u>	<u>FACTOR UNITS</u>	<u>EMISSIONS APPORT</u>
Breathing Losses 7.95 Tons							

VVC 000013676

DATE YEAR DAY	SEGMENT TYPE	POINT ID	SCC I II III IV	SCC SEG NDR	BEC NDR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF SOURCE
82 015	2	05	4 03 010 99	00							1 P

P7 SCC COMMENT

The annual throughput in 1980 was 0 lbs. of EDC.

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Working Losses	0 Tons						

VVC 000013677

SEGMENT TYPE	POINT ID	SEQ NBR
3	05	01

DATE		LINE	EIS		COMMENT
YR	DAY	NBR	FL	30	

82	015	001	43101	Total Hydrocarbons
82	015	002	43815	1,2-Dichloroethane
82	015	003	42800	Miscellaneous Hydrocarbons
82	015	004	42302	Hydrogen Chloride
82	015	005	The "estimate" emission for 42800 is 0.12 Tons/Yr.	
82	015	006	The "allowable" and "potential" emissions for 42800 are 0.28 Tons/Yr.	
82	015	007	The "estimate" emission for 42302 is negligible (<0.01 Tons/Yr.)	
82	015	008	The "allowable" and "potential" emissions for 42302 are 0.19 Tons/Yr.	

VVC 000013678

DATE		SEGMENT POINT		USER		UTM COORDINATES		LATITUDE		LONGITUDE		ANNUAL THRUPUT			NORMAL OPERATING					
YEAR	DAY	TYPE	ID	POINT ID	SIC	IPP HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK	WK/YR
82	015	1	06	IVK	2869	472.9	3346.5							25	25	25	25	03	1	52
BOILER SPACE S T A C K D A T A CAPACITY HEAT HEIGHT DIAM TEMP FLOW RATE VELOCITY PLUME PNTS COMP YEAR MONTH YEAR MONTH DAY ECAP 0000 00.0 0148 01.0 0075 000316 00402 1																				

P7 POINT COMMENT

IVK Dock VCM Vent Recovery

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNL EFFICIENCY	E M I S S I O N S	ESTIMATE MEASURED ALLOWABLE	POTENTIAL	UNITS	ESTM BASELINE METHOD CHANGES
01	43101 43860		048 048		00.0 00.0	0000000 0000000	0000000 0000000	0000397 0000397	4 4	2 2

DATE YEAR	DAY	SEGMENT TYPE	POINT ID	I	II	SCC III	IV	SCC SEG NBR	BEC NBR ID	FUEL - UNITS PROCESS	MAX DESIGN RATE	SULFUR CONTENT	ASH CONTENT	HEAT CONTENT	CONF	SOURCE
82	015	2	06	3	01	999	99	00								I P

P7 SCC COMMENT

SOURCE DESCRIPTION	E F SOURCE	NUMBER OF EMSN FCTR	POLLUTANT ID	EMISSION FACTOR	ASH / SULFUR	FACTOR UNITS	EMISSIONS APPORT
Activated Carbon Adsorption							19052

VVC 000013680

SEGMENT TYPE	POINT ID	SEQ NBR
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3	06	01
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DATE		LINE	EIS	COMMENT
YR	DAY	NBR	FL 30	

82	015	001		43101 Total Hydrocarbons
82	015	002		43860 Vinyl Chloride
82	015	003		The "estimate" and "allowable" emissions for 43101 are <0.1 Tons/Yr.
82	015	004		The "estimate" and "allowable" emissions for 43860 are <0.1 Tons/Yr.

VVC 000013681

DATE		SEGMENT POINT		USER		UTM COORDINATES		LATITUDE			LONGITUDE			ANNUAL THRUPUT				NORMAL OPERATING			
YEAR	DAY	TYPE	ID	POINT ID	SIC	1PP	HORIZONTAL	VERTICAL	DEG	MIN	SEC	DEG	MIN	SEC	DEC	MAR	JUN	SEP	HR/D	D/WK	WK/YR
82	015	1	B1	IVA			472.9	3346.5							25	25	25	25	24	7	49

BOILER	SPACE	S	T	A	C	K	D	A	T	A	COMP	COMP SCHED	COMP STATUS	CONTROL	REGULATION			
CAPACITY	HEAT	HEIGHT	DIAM	TEMP	FLOW RATE	VELOCITY	PLUME	PNTS	COMP	YEAR	MONTH	YEAR	MONTH	DAY	ECAP	REG 1	REG 2	REG 3
0000	00.0	0148	03.0	100	10565	01500					1							

P7 POINT COMMENT

IVA C-500 (Main Plant Vent Stack)

The annual production of VCM in 1980 was 608,191,939 lbs.
This is 88% of the maximum production rate.

NUMBER OF POLLUTANTS	POLLUTANT ID	CONTROL COST	CONTROL PRI	EQUIP SEC	ESTM CNTL EFFICIENCY	E M I S S I O N S		ESTM BASELINE METHOD CHANGES
						ESTIMATE	MEASURED	
08	43101		003		00.0	0004057	0004610	0007977
	43860		003		00.0	0000049	0000056	0000499
	43203		003		00.0	0000422	0000479	0001809
	43202		003		00.0	0000018	0000020	0000021
	43201		003		00.0	0000151	0000172	0000647
	42800		003		00.0	0003417	0003883	0005001
	42215		003		00.0	0000026	0000030	0000507
	42302		003		00.0	0000216	0000245	0000332
	CO		003		00.0	0001563	0001776	0001944

VVC 000013682

SEGMENT TYPE	POINT ID	SEQ NBR	DATE YR DAY	LINE NBR	EIS FL 30	COMMENT
3	B1	01				
82 015	001					43101 Total Hydrocarbons
82 015	002					43860 Vinyl Chloride
82 015	003					43203 Ethylene
82 015	004					43202 Ethane
82 015	005					43201 Methane
82 015	006					42800 Miscellaneous Hydrocarbons
82 015	007					42215 Chlorine
82 015	008					42302 Hydrogen Chloride

VVC 000013683