



San Francisco Bay Regional Water Quality Control Board

January 18, 2024

GeoTracker ID: <u>L10009838494</u> (FY)

City of Albany
Department of Public Works
Attn: David Lam
1000 San Pablo Avenue
Albany, CA 94706

Sent via email only: Dlam@albanyca.org

Subject: Albany Landfill, Albany, Alameda County – Requirement for

Technical Reports Pursuant to Water Code Section 13267

Dear Mr. Lam:

This letter requires the City of Albany to submit technical reports regarding the Albany Landfill (Landfill) due to our recent discovery of information suggesting the Landfill may have accepted industrial waste materials that could present a risk to water quality, human health, and the environment. Pursuant to Water Code section 13267, this letter requires the City of Albany to submit a Work Plan by April 1, 2024, and a Completion Report within 90 days of implementation of an approved Work Plan. The requirements and basis for them are explained below.

Background

The Landfill is an approximately 75-acre site located at the end of Buchanan Street on the east shore of the San Francisco Bay in the City of Albany, California. The City of Albany's Landfill is regulated by waste discharge requirements (WDRs; Order R2-1999-0068). The Landfill operated intermittently from the 1940s until waste acceptance ceased in 1983. Over the course of its operation, the Landfill primarily received inert construction and demolition debris, along with other non-hazardous solid waste.

Recently, the Department of Toxic Substances Control (DTSC) provided us information indicating that industrial waste materials were deposited at the Albany Landfill (see attached letter from Stauffer Chemical Company). Table 1 contains a summary of industrial wastes generated by the Stauffer Chemical Company at its plant in Richmond (later known as Zeneca) and disposed at nearby landfills, including the Albany Landfill. This summary indicates that 11,100 tons of industrial waste from the Zeneca Richmond plant were disposed of at the Albany Landfill.

The letter from Stauffer Chemical indicates that this waste from the Zeneca Richmond plant contained a substantial amount of "alum mud," which is a sludge left over from the

Jayne Battey, chair | Eileen M. White, executive officer

processing of aluminum from bauxite ore. The primary waste constituents in alum mud include heavy metals and trace metals including iron, manganese, magnesium, zinc, cadmium, copper, trivalent chromium, and lead.

Alum mud also typically contains certain radionuclides that are naturally present in bauxite. During aluminum processing, these radionuclides become concentrated and are known as "technologically enhanced naturally occurring radioactive material" or TENORM. Some of these radionuclides, especially thorium-232, uranium-238, and uranium-235, and their breakdown products, have been detected at the Blair Southern Pacific Landfill in Richmond, which also received alum mud from the Zeneca plant in Richmond. Pesticides were also produced at the Zeneca Richmond plant and have been detected at the Blair Landfill. As shown in Table 1, the Albany Landfill also accepted a significant volume of wastes from the Zeneca plant, so it is reasonable to suspect that the chemicals that have been detected at the Blair Landfill may also be present at the Albany Landfill.

Table 1. Wastes Generated at Zeneca Plant in Richmond

Locations of Alum Mud Disposal	Total Waste Disposal Timeframe	Total Waste Disposal Weight				
South End of Richmond Plant (Richmond, CA)	1900 to 1958	18,700 tons				
Albany Landfill Co. (Albany, CA)	1960 to 1971	11,100 tons				
Berkeley Landfill Co. (Berkeley, CA)	1960 to 1971	11,100 tons				
Blair Southern Pacific Landfill (Richmond, CA)	1971	6,200 tons (all alum mud)				
IT Environmental (Benicia, CA)	1975 to 1979	3,700 tons				

The Landfill's 1999 WDRs state that "[s]ome metals have been detected in the leachate at levels exceeding EPA or Basin Plan objectives." The 1999 WDRs also state that "[m]etals have been detected in the adjacent waters at levels commonly found in Bay waters, and the evidence suggests that the landfill is not the source of these metals." Significantly, Finding 9 of the 1999 WDRs concludes that "there is not a water quality

threat from the Albany Landfill in its current state." Finding 10 of the WDRs states that "[g]iven the lack of a water quality threat to the surrounding Bay and lagoons, regrading and capping the landfill do not appear warranted and maintenance of the site as a wildlife or recreational area is acceptable."

The documented disposal of 11,100 tons of industrial waste (presumably including alum mud) from the Zeneca Richmond plant was not known at the time the 1999 WDRs were adopted for the Albany Landfill. Nor was the presence of radionuclides in alum mud understood by the Water Board at that time. The documentation of alum mud disposal at the Landfill, and the confirmation of radionuclides and pesticides present at the Blair Southern Pacific Landfill, suggest that the wastes contained within the Albany Landfill have not been thoroughly characterized for all potential contaminants that may be present.

Requirement for Work Plan and Completion Report

By April 1, 2024, the City of Albany is required to submit a Work Plan that proposes to perform an initial, one-time representative sampling of soil and water from within the Landfill. The collected samples shall be analyzed for the following: metals; radionuclides (including, but not limited to, thorium-232, uranium-238, and uranium-235); and pesticides (including, but not limited to, 4-4'-DDT and dieldrin).

Within 90 days of implementation of an approved Work Plan, the City of Albany is required to submit a Completion Report that summarizes the results of the sampling and analysis. Depending upon the results of the soil and groundwater characterization, additional work may be required.

Basis for Requirement

This requirement for reports is made pursuant to Water Code section 13267, which allows the Water Board to require technical or monitoring program reports from any person who has discharged, discharges, proposes to discharge, or is suspected of discharging waste that could affect water quality. The attachment provides additional information about Section 13267 requirements.

The reports required by this letter are necessary to assess the presence of suspected contaminants at the Landfill and to assess any immediate threats to water quality, human health, and the environment. The City of Albany is required to submit the reports because information recently received indicates that it may have accepted hazardous or toxic materials at the Landfill that could discharge into waters of the state. The burden, including costs, of the reports bears a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. The estimated cost of preparing the reports is from \$80,000 to \$160,000. Given the potential threats to waters of the state, human health, and the environment, the need for the reports is high. The benefits to be obtained from the reports include understanding the potential threats to human health, water quality, and the environment so that any unacceptable threats can

be appropriately addressed. The evidence that supports requiring the reports is contained in the file for this matter.

Electronic Reporting

The City of Albany is required to submit all reports and data in electronic format to the State Water Resources Control Board's GeoTracker database, pursuant to California Code of Regulations, title 23, sections 3890–3895. See <u>Electronic Submittal of Information</u> for guidance on submitting documents to GeoTracker. This requirement includes all analytical data, monitoring well information (latitudes, longitudes, elevations, depth and length of screened interval, and water depth), site maps, and boring logs. Analytical data must be submitted in Electronic Deliverable Format (EDF) and be in accordance with the <u>GeoTracker Guidance Letter on Reporting of Estimated Results in EDF</u>.

If you have any questions, please contact Fangli Yin of my staff at (510) 622-2406 or fangli.yin@waterboards.ca.gov.

Sincerely,

Elsen M. White

Eileen M. White, P.E. Executive Officer

Attachments:

Stauffer Chemical Company letter dated March 20, 1980 Water Code Section 13267 Fact Sheet

AGRICULTURAL CHEMICAL DIVISION



Stauffer Chemical Company

1415 South 47th Street / Richmond, California 94804 / Tel. (415) 233-9361

March 28, 1980

Department of Health Services
Hazardous Materials Management Section
714/744 "P" Street
Sacramento CA 95814



Gentlemen:

This is in response to your March 4 request for information on hazardous waste disposals. We are enclosing the information supplied to the House Subcommittee on Oversight and Investigations for the Stauffer Chemical Company plant located at 1415 South 47th Street, Richmond California.

Very Truly Yours,

Elwood G. Trimpey

Enclosure as stated

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		Richmon	nd CA,	94804		
•	` -	City	State	Zip Code		
N	ame of Person	Completing	Form: Lee E. E	rickson	 :	
P	osition:	Plant Mana	iger	· • • • • • • • • • • • • • • • • • • •		
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pickling liquor [2] (31)

metal plating waste [2] (12)

circuit etchings [2] (13)

inorganic acid manufacture [2] (14)

organic acid manufacture [2] (15)

Base solutions, with pl 2 [2] (16)

caustic soda manufacture [2] (17)

nylon and similar polymer generation [2] (18)

scrubber residual [2] (19) scrubber residual

Heavy metals & trace metals (bonded organically & inorganically)

arsenic, selenium, antimony

mercury

[2] (19)

[2] (21) iron, manganese, magnesium

iron, manganese, magnesium

iii (23)

zinc, cadmium, copper, chromium (trivalent)

chromium (hexavalent)

lead

iii (26) insectides & intermediates [2] (35)
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LUTION ANY ATTN M. S. O.CONNOR DINE + ANY LABELING & REGISTRATION DEPT. TABLE SULFUR COMABLE SEED PROTECTANT SULFUR 15-35 DUST SULFUR 15-35 DUST SULFUR 15-36 DUST SULFUR 15-36 DUST SULFUR 15-36 DUST SULFUR 15-60 DUST AMAN'S CHLORINE RINATED CLEANER RIMATED CLEANER WHANUFACTURING CONCENTRATE F DORNAMENTAL B P ORNAMENTAL B NACAL NICAL
SURGICAL SUPPLY CO. GERMICIDAL SOLUTION CLENESCO NOVADINE + CLENESCO NOVADINE + CLENESCO NOVADINE + CLENESCO NOVADINE + BETASAN 12.5 G 6 6 73 AN 12.5 G 6 7 7 AN 12
STAUFER STAUFFER STAUFFER STAUFFER
· · · · · · · · · · · · · · · · · · ·
38659 3 00004 3 00004 3 00004 5 00219 6 002122 6 01956
38659 00283 0000 33402 00052 0021 000476 0021 000476 0191

1 JUM B: DISPOSAL SITE INFORMATION

(DO NOT USE) (1-	L	1	l XO	J L NOT			(1-8
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COMPLETE THIS FORM FOR EWERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

C	ompany Name:	Stauffer Ch	emical (Co.					
	acility Name:	Richmond Ag			•				-
N.	ame of Site: 🗀			g Disposa	1	`			
٨	ddress of Site:	1415 South	47th St	reet			•		
		no.	street			,	,		
		_Richmond		C.N	0.44	204			
		city		<u>CA</u> state		804 <u>. </u>	•		
		•		,					
Na	ame of Owner (w)	nile used by fa	cility):	Stauffer	Chemica	al Co.			
, Ac	ldress:	1415 South	<u>47th</u>		•				
		no.	street		•				
		Richmond		CA.	948	R04 ·			
		city	_	state		code			
Cr	rrent Owner (if	different from	Maroda m		•				
Ād	ldress:	divididite tho	in above,	<u> </u>	 ,		=". · · · ·	= '-' -	1
	 -	no.	street	•					
				•	•				
	· -	city		state	710	code			
	•			3 Catt		code			
	Location (1=	·		•					
4. 5. 6.	Company owner Current statu IF (Year first use Year last use still in use) Total amount of Specify type(s	ed for process a for process wast	ownership = still: / year cle waste from raste from the thousar hundred thousar method(s) in use;	p) in use; 9=cosed on this faci nis facilit nd gallons i tons d cubic ya used at s 2=no longe	don't know cility (entry dispose cy dispose rds	der "79" i d at site	195 195 f 195 : 195 thod	191	(12) (13-14) (15-16) (17-18) (19-26) (27-33) (34-41)
8.		site (l=this f	landfil landfil landfil pits/po deep we land fa inciner treatme reproce other (2=this fac	ndustrial waste al refuso s on utralizin	waste co-dispo	sed	121	(45) (44) (45) (46) (47) (48) (50) (51)
	facilities onl	y; 3=this comp D ADDRESSES OF	any and o	thers; 9=de	on't kno.:)		111	(53)

B - Page 2

for Chemical Co.

Company Name: Stauffer Chemical Co.

Pacility Name: Richmond Ag Plant

Site Name: CS₂ Retort and Slag Disposal

9. Components (or characteristics) of process waste from this facility disposed at site: (1-present in waste; 2-not present in waste; 9-don't know)

FILL IN EVERY BLOCK SPACE

	• :	
Acid solutions, with pH < 3		121 (10)
pickling liquor		污污污
packs along August 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		[등] 등장
metal plating waste	• • • • • • •	그의 당신
circuit etchings		$\lfloor 2 \rfloor (15)$
inorganic acid manufacture		121 (14)
organic acid manufacture		37 ass
Page addition of the olds.		불 등
Base solutions, with pll> 12		(4) (40)
caustic soda manufacture		12 ₁ (17)
nylon and similar polymer generationscrubber residual		121 (18)
condition regularity	F 700 - 1 - 1 - 1	121 (10)
Heavy metals & trace metals (bonded organically & inorganically)		
neavy metals a trace metals (bonded organically a morganically)		[1] [20]
arsenic, selenium, antimony		19 (21)
mercury		191 (22)
iron, manganese, magnesium		17 625
- Theory inclination of inclination of the state of the s		里 288
zinc, cadmium, copper, chromium (trivalent)		193 (4±)
chromium (hexavalent)		[9] (25)
lead		191 (26)
Radioactive residues, >3 pico curies/liter		121 (27)
uranium residuals & residuals for UF6 recycling		景 25%
didition residents a residents for one recycling	• • • • • • •	141 720
lathanide series elements and rare earth salts		12 (44)
phosphate slag		$\{2,1,(30)\}$
thorium		121 (31)
radium		124 (52)
other alpha, beta & gamma emitters		12 777
Outer albur, bera d Buima cultures	• • • • • • •	멸덩광
Organics		[2] (34)
insectides & intermediates		12 (35)
herbicides & intermediates		121 (35)
fungicides & intermediates		
and other and a second at the		14.1 7.7
rodonticides & intermediates		[5] (39)
· halogenated aliphatics	••••	[2] (39)
halogenated aromatics		(21 (40)
acrylates & latex emulsions		in (41)
PCB/PBB's		(2) (42)
midde bulken fuller		K1 (12)
amides, amines, imides		121 (45)
plastizers		12 (44)
resins		121 (45)
elastomoris		5 (46)
solvents polar (except water)		5 25
carbontetrachloride	• • • • • • •	
Carbonic Identification	* * * * * * * *	121 (1997)
trichloroethylene		[2] (49)
other solvents nonpolar		12 (50)
solvents halogenated aliphatic		51 (51)
solvents halogenated aromatic		E 1835
oils and oil sludges		발생님
OLIS and OIL Stanges		21 (2)
esters and others		[2] (54)
alcohols		12 (55)
ketones & aldehydes		12 (56)
dioxins		岩流
Inorganies		뙲
Anorganics activities activities and activities and activities and activities and activities activities and activities and activities and activities and activities activities and activities and activities activities activities activities and activities activi		11 (30)
salts		\mathbf{L}_{1} (59)
morcaptans		12 (60)
Misc		12.1(61)
pharmaceutical wastes		5 7.55
paints & pigments		뜆끊
products of frequently experience or extra experience of the contract of the c		[<u>4] (na)</u>
catalysts (eg. vonadium, platinum, palladium)		12 (64)
asbestos		2 (165)
Shock sensitive wastes (eq. nitrared tolienes)		12 (66)
mir water reactive wastes (eg. P4. aluminum chlorid wastes with flash point below 1000 F		5122
Mercho with Chall write by Long 1000 B		医月光法
mineron multi assemt from the reason and Private every regresses	المعتدية والمتاريخ	图 (68)

11:1	_1_1_	1.1		(1-8)
T(IX) NOT	USI)	

TORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

	mpany Namo:	Stauffer Che	mical Co.	<u> </u>	-	-
	:ility Namo:	Richmond Ag			_ , ``	
	né of Site:	Evaporation		 	-	,
Nac	lress of Site:		treet		-	,
	**	no. s	Liter			• •
		Richmond	· CA	94804		
		city	state	zip code		
Man		illa wood by Toa	ility): Stauffer	· Chemical Co		
	mess: iress:	1415 South_4		. CHEMICAL CO.	-	
			treet	,		
				0.400.4	_	
		Richmond	CA state	94804 zip code	•	
	. Et la	city	in the second of the control of		n	
		f different from	above):			
Add	ress:	70	trect		-	
		no. s	tiedt .	•		
٠.	· <u></u>			· · · · · · · · · · · · · · · · · · ·		•
	•	city	state	zip code		•
				•		
1.	Location (1=	the property on	which facility is	located; 2= off	-site)[1 (10)
2.	Ownership at	time of use (1=	company ownership	; 2≕private but	not .	
	company owner	ship) 3-public	ownership)	1		<u> </u>
3.	Current stati	is (i= closed; Z	= still in use; 9= year closed	don't know)	10kg	<u>21 (14)</u> 67 (13-17
4.	II' Year first nee'	ed for mocess	vaste from this fa	cility	19.61	nı (15 -10
5	Year last use	d for process w	aste from this fac	ility (enter "79	"if	<u>01</u> (
-	still in use)				19:61	6 (17-18
6.	Total amount	of process waste	e from this facili	ty disposed at s	ite:	
			thousand gallons	· · · · · · · · · · · · · · · · · · ·		[[19 - 26
			. hundred tons thousand cubic y	anga t		1 (3/-3)
7	Specific type	(s) of disposal a	nethod(s) used at	site and whether	method	يه ۱۹۰۱ کين
٠.	is still in u	ise (l=currently	in use; 2=no long	er in use: 3=nev	er used:	
	9=don't know)			,	,	•
٠				ndustrial waste		3] (42)
	•		landfill, mixed			
			landfill, drumme	d waste	L	3 (44)
•		• •	<pre>landfill, munici pits/ponds/lagoo</pre>	pai reguse co-di ne	sposed	3 (45) 2 (46)
•		٠.	deep well inject	ion		3 (47)
			land farming			3 (48)
	.*	-				3((49)
			treatment (eg. n	eutralizing)····		<u>3</u> (50) -
				yeling		31 (51)
0	Harris of this	osta flumbia G	other (specify)_ cility; 2=this fa	of the my contract	t	3 (52)
8.,	facilities on	auco (l≖UHIS I) Avi Kathis comm	noility; zethis id my and others; 9=	examplicate officer. Jonath Janovij	, сопрату	1 (53)
	THUTTIES OF	ay, andras compa	ny tala others, 5*	dent c mindy ****	[±1 (2.7)
	LIST NAMES A	ND ADDRESSES OF	OTHER KNOWN USERS	DELOW	•	

* Used as evaporation ponds only since 1966.

Company Namo: Stauffer Chemical Co. Facility Name: Richmond Ag Plant Evaporation Ponds Site Name: Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9≈don¹t know) FILL IN EVERY BLOCK SPACE

 Acid solutions, with pH<3.</td>
 [2] (10)

 pickling liquor
 [2] (11)

 metal plating waste
 [2] (12)

 circuit etchings
 [2] (13)

 inorganic acid manufacture
 [1] (14)

 organic acid manufacture
 [2] (15)

 Base solutions, with pH > 12 [2] (16) | 2 | (31) | radium | 2 | (32) | (32) | other alpha, beta & gamma emitters | 2 | (33) | (35) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) | (36) halogenated ariginatics
halogenated aromatics
2 (40)
acrylates ξ latex emulsions
2 (41)
PCB/PEB's
2 (42) | 2 (48)
| trichloroothylene | 2 (49)
| other solvents nonpolar | 2 (50)
| solvents halogenated aliphatic | 2 (51) solvents halogenated aliphatic. [2] (51)
solvents halogenated aromatic [2] (52)
oils and oil sludges [2] (53)
esters and others [2] (54)
alcohols [2] (55) | 1 | (59) | | (59) | | (60) | | (61) | | (61) | | (62) | | (62) | | (62) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) | | (63) |

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 (IX)	NOT	US	IJ) ¯		

FORM B: DYSPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Co	mpany Name:	Stauffer Che	mical Company	· ·		•
	cility Name:	Richmond Ag	Plant .			
	mo of Site:	Filled Settl			-	
Add	dress of Site:				_	
		no. s	street	•	•	
	•	Richmond	CA	94804		
		city	state	zip code	-	
			ì	•	•	•
Nan	ne of Owner (w		ility); <u>Stauffer</u>	Chemical Co.		
Add	lress:	1415 South		 		
•		no. s	treet	• •		
		Richmond	CA	94804		
		city	state		-	•
Cur	rent Owner (it	different from	abova) ·	zip code	of the contractive	400000
	iress:		. 45010)		- • •	
		no. s	treet .		-	
		•	•			
	'. 	city	state	zip code		· . ·
		O. C.	50200	zip code		•
	•			•		
1.	Location (1=	the property on	which facility is	: located; 2= off	-site) [1]	(10)
2.	Ownership at	time of usc (1=	company ownership	o; 2=private but	not	
-	company owner	ship) 3=public (ownership)		[1]	(11)
٥.	Current statu	is (1= closed; Z:	= still in use; 9= year closed	don't know)		(12)
4.	Voor first us	cousin, specify	year closed waste from this fa		10:646	(15-14) (15-14)
5.	Year last use	ed for process w	waste from this fac	ility (enter 170	72 <u>69}9</u>	(12-10)
۵.		a ioi piocess we		action (order 72	197131	(17-18)
6.			e from this facili	ty disposed at s	ite:	(=, =,0)
•	•	,	thousand gallons	·	1111111	(19-26)
	•		hundred tons		1 1 1 1 1 15/11	(27-33)
_			 thousand cubic y 	ards!		(34-41)
7.	Specify type(s) of disposal m	method(s) used at	site and whether	method	
			in use; 2=no long	er in use; <i>3</i> ≃nev	er used;	
	9=don't know)		landfill mono i	ndustrial waste	4.21	(42)
			landfill, mixed	industrial waste		(42) (43) ·
			landfill, dramme	d waste	131	(44)
	•		landfill, munici	pal refuse co-di	sposed 3	(45)
			pits/ponds/lagoo	ns		(46)
				ion		(47)
	. •		land farming			(48)
			incinamatian			
			inclusiation		13	(49)
		•	treatment (eg. n	eutralizing)	····· [3]	(49) (50)
			treatment (eg. n reprocessing/rec			(49) (50) (51)
R	Hears of this	sita (lethic fo	treatment (eg. n reprocessing/rec other (specify)	eutralizing)		(49) (50)
8.	Users of this facilities on	site (lethis fo	treatment (eg. n reprocessing/rec other (specify) cility; 2=this fa	eutralizing) yeling		(49) (50) (51) (52)
8.	Users of this facilities on	site (l=this fo ly; 3=this compo	treatment (eg. n reprocessing/rec other (specify)	eutralizing) yeling		(49) (50) (51)

· · · · · · · · · · · · · · · · · · ·	· •		'	
j B - Page 2		(LLIDOROT	1 (1-8)
Company Namo: _	Stauffer Chemical Co	ompany		
Facility Name:	Richmond Ag Plant	,		
Site Name:	Filled Settling Pond	ls	- m-q - 1 was	
9. Components (disposed at 9=don't know	or characteristics). of presite: (l=present in waste	ocess waste from t ; 2=not present in	his facility waste;	· · · · · · · · · · · · · · · · · · ·
FILL IN EVER	Y BLOCK SPACE			:
pickling metal pl circuit inorgani organic Base solutio	ns, with pH<3 liquor ating waste etchings acid manufacture acid manufacture as, with pH> 12		***************************************	(2) (11) (2) (12) (2) (13) (1) (14) (2) (15)
caustic nylon an scrubber	oda manufacture l similar polymer generati residual f trace metals (bonded or	on	• • • • • • • • • • • • • • •	[2] (17) [2] (18)
arsenic, mercury iron, mar zinc, cae	ganese, magnesium mium, copper, chromium (t (hexavalent)	rivalent	· · · · · · · · · · · · · · · · · · ·	[2] (21) [2] (22) [1] (23)
Radioactive ruranium rational	esidues,>3 pico curies/1 esiduals & residuals for U series elements and rare	iter		[9] (26) [2] (27) [2] (28) [2] (29)
thorium radium other alp	siag ha, beta & gamma cmitters	• • • • • • • • • • • • • • • • • • • •	************	[2] (30) [2] (31) [2] (32)
insectide herbicide fungicide rodentici	s & intermediates s & intermediates s & intermediates s & intermediates			[2] (34) [2] (35) [2] (36) [2] (37)
halogenat halogenat acrylates PCB/PBB's	ed aliphatics ed aromatics g latex emulsions mines, imides	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •	[2] (39) [2] (40) [2] (41)
resins elastomore solvents	olar (except water)		· · · · · · · · · · · · · · · · · · ·	[2] (44) [2] (45) [2] (46)
trichloros other solv solvents l	achloride thylene ents nonpolar alogenated aliphatic alogenated aromatic	***************************************	• • • • • • • • • • • • • • • • • • •	[2] (48) [2] (49) [2] (50)
oils and o	il sludges	************		·· [4] [94] ·· [2] (53)

dioxins	2 (57)
Inorganies	1 (58)
salts	1 (59)
mercaptans	2 (60)
Misc	2 (61)
pharmaceutical wastes	2 (62)
paints ξ pigments	2 (63)
catalysts (eg. vanadium, platinum, palladium)	2 (64)
asbestos	2 (65)
shock sensitive wastes (eg. nitrated toluenes)	2 (66)
air water reactive wastes (eg. Pa. aluminum chloride)	2 (66)
air water reactive wastes (eg. Pa. aluminum chloride)	2 (66)
air water reactive wastes (eg. Pa. aluminum chloride)	2 (66)

FORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS PACHLITY AS ONE SITE) USED FOR THE DESPOSAL OF PROCESS WASTES GENERATED BY THIS PACTLITY SINCE 1950.

	ity Name: Rich	<u>mond Aq Pla</u>	nt .				
	of Site: Sout	h End of Pl	ant at San Fra	ncisco Bay Ed	ge		
Adare	22 of 21th: 1412	South 47th	Street				•
		str	,	•*	•		
	Ri	chmond	CA	94804			
	cit	У	CA state	zip code	• •		
			•		•		
Name of	of Owner (while i	used by facil:	ity): <u>Stauffer (</u>	Chemical Co.			
Addres	ss: <u>1415</u>	South 47th	Street				
	no.	stre	et .		*		
	Rich	nond	C7	9.4.90.4			
	City	,	CA state	zip code			•
'n	•			•			·
Addres	it Owner (ir dir)	erent from at	oove):	·* ,	Ashtropers		Section 1991
Muures	no.	stre	vo#		•		
	110,	, Stre	ier.				٠.
. ,							
•	city	, "	state	zip code			
1. Lo			1-1 C111400 1- 1		•		• • •
2. Ow	marchin (1- the p	of was (1- co	ich facility is 1	ocated; Z= ofr-	site)	[<u>]</u> (.	IU)
2. CN	mersurp at time	or use (1= co	mpany ownership;	z=private out n	эτ	12.0	
3. Cu	mpany ownersnap) rrent status (1=	closed: 2= s	ership)till in use; 9=do	ntr Imoul	• • • • • • • • • •	분분	LJ.) 12)
J	IF CLOSE	ii specify ve	ar closed	ir c Miow)	1025	불분분	1.4 J 1 77 A
4. Ye	ar first used fo	r process was	te from this faci	lity	19 <u>0</u>	131	15-16
5. Ye	ar Tast used for	process wast	e from this facil	ity (enter "79"	if	101	
st	ill in use)				1945	518 f (]	L7-18
6. To	tal amount of pr	ocess waste f	rom this facility	idisposed at si	te:		
		t	housand gallons .	<u> </u>			19-26
		. h	undred tons	1	1 1 13 18	17 1 (2	27-33
		· t	nousand cubic yar	ds		\prod (54-41
7. Spo	ccity type(s) or	disposal met.	hod(s) used at si	te and whether i	aethod		
15	still in use (1	currently in	use; 2=no longer	in use; 3=neve:	r used;	٠,	
9=(don't know)	1.				.3	
٠.	٠,	1:	andfill, mono ind	ustrial waste .		[3] (4	/Z)
		14	andfill, mixed inc	MISTITAL WASTE .			
		1:	andfill, drummed i andfill, municipal	vaste	ancad .	<u>13</u> 1 (4	14 J.
		η.	its/ponds/lagoons	r retuse co-ursi	Josea	별성	(8) (5)
		de de	cep well injection		*****	3 /	:U) [7]
	•	1:	and farming	· · · · · · · · · · · · · · · · · · ·		뭠	81
		iı	ncineration		· • • • • • • • • • • • • • • • • • • •	믦	(9)
	•	t	reatment (eg. neut	ralizion)		3 6	.ດາ
		ro	eprocessing/recycl	ling		131 6	i) "
		01	ther (specify)			9 (§	2)
8. Use	ers of this site	(l=this facil	lity: 2=this facil	Lity and other c	Variance	<u>ب</u> ۲۰	
fac	cilities only; 3	this company	and others; 9=der	i't knew)		[1] (5	3)
					- *	'	
1,1,1	ION CUAN CURVIA ICI	JUBSSUS OF OIL	IER KNOWN USERS BI	SLOW I -			

Production of the second of the second	,
4 B - Page 2	(IX) N(II USE) (1-8)
Company Name: Stauffer Chemical Co.	(JO NOT GOLD)
Fucility Name: Richmond Ag Plant	
South End of Plant at	*
Site Nume: San Francisco Bay Edge	
9. Components (or characteristics) of process waste f disposed at site: (1=present in waste; 2=not prese 9=don't know)	from this facility - ant in waste;
FILL IN EVERY BLOCK SPACE	•
Acid solutions, with pIF(3. pickling liquor metal plating waste circuit etchings inorganic acid manufacture Base solutions, with pII> 12. caustic soda manufacture nylon and similar polymer generation scrubber residual Heavy metals & trace metals (bonded organically & arsenic, solenium, antimony mercury iron, manganese, magnesium zinc, cadmium, copper, chromium (trivalent) chromium (hexavalent) lead Radioactive residues, >3 pico curies/liter uranium residuals & residuals for UF6 recycling lathanide series elements and rare earth salts phosphate slag thorium radium other alpha, beta & gumma emitters Organics. insectides & intermediates herbicides & intermediates herbicides & intermediates halogenated aliphatics halogenated aliphatics halogenated aromatics acrylates & latex emulsions PCB/PBB's amides, amines, imides plastizer's resins elastomers solvents polar (except water) carbontetrachloride trichloroethylene other solvents nonpolar solvents halogenated aliphatic solvents halogenated aliphatic solvents halogenated aromatic oils and oil sludges esters and ethers alcohols ketones & aldehydes dioxins Inorganics salts mercaptans Misc	[2] (11) [2] (12) [2] (13) [1] (14) [2] (15) [2] (16) [2] (16) [2] (17) [2] (17) [2] (18) [1] (19) [1] (20) * [1] (21) * [2] (22) * [1] (23) * [1] (24) * [2] (25) * [1] (26) * [2] (27) [2] (31) [2] (32) [2] (33) [2] (34) [2] (35) [2] (35) [2] (35) [2] (35) [2] (35) [2] (36) [2] (37) [2] (38) [2] (39) [2] (40) [2] (41) [2] (42) [2] (43) [2] (44) [2] (45) [2] (45) [2] (46) [2] (47) [2] (48) [2] (48) [2] (49) [2] (49) [2] (50) [2] (55) [2] (55) [2] (55) [2] (55) [2] (55) [2] (55) [2] (57
pharmaceutical wastes paints & pigments catalysts (eg. yangding Mathym, pallading)	
entalmeter for semadium discharm malladium	THE PARTY (A) 25 (27)

asbestos
shock sensitive wastes (eg. nitrated toluenes)
air water reactive wastes (eg. P4, aluminum chloride)
wastes with flash point below 100° P. | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (07) | 12 (1% - 2% 30 ppm 5 - 10 ppm 200ppm 170 ppm 40 ppm Zinc Asbestos

Iron

Copper

···· 121 (65) *

	•		(1 1 1 1 1	(1-8)
1 B:	DISPOSAL SITE INFO				NO NO	JI USIA)	(1 0)
					•		
OMPT D	THE THESE FORM FOR TH	/ERY STIE CON	WOLLIOTING THE	TOYOUTON OR		•	2

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

		,			
	ompany Name: Stauffer Chemical	L Co.			
F	icility Name: Richmond Ag Plant			•	-
	unc of Site: Blair Southern Pa	cific Land	fill	•	
A	ldress of Site: Foot of South 51s	t Street			•
	no, street		,		
	Richmond		0.400.4		
	city	CA	94804		
	City	state	zip code		
Na	me of Owner (while used by facility)	Southern	Pacific Land	:	
Ac	dross: 1 Market Stree	+ w Tubrone	ement Co.		
•	no. street				
•		٠.	•		
	San Francisco	CA			•
	city	state	zip code.	•	
. C u	rrent Owner (if different from above)) :	1		
··Λd	dress:	, ·	***************************************		a
	no. street	• •			
			•	•	,
					
	city	state	zip code		
	•				
1.	Location (1= the property on which	facility is	loopted: 2- nee	ا دمهند	1 (10)
2.	Ownership at time of use (1= compan	nachity is	2-pw-ress by -	Site)[2	(10)
	company ownership) 3=public ownersh	ry ownership;	z=private but n	ot	
3.	Current status (1= closed; 2= still	in use 9-d	••••••••••••••••••••••	····· <u>12</u>	(11)
	IF CLOSED, specify year c	. In use, s-u	on c know)	10)	[(12) - (17 78
4.	Year first used for process waste f	rom this fac		10/741	(15-14 (15-14
5.	Year last used for process waste fr	om this facil	lity (enter 1701	±3 <u>1/ ±</u>	(12-10
	still in use)		rately folicos is	191711	E/17-18
6.	Total amount of process waste from	this facility	v disposed at si	tei	(17 10
	thous	and gallons		111111	(19-26
	hundr	ed tons		1 1 1 1612	(27-33
_	thous	and cubic var	ൻം		(34-41
7.	specify type(s) or disposal method(sl used at si	ite and whother i	method:	(*
	is still in use (I=currently in use	; 2=no longer	in use; 3≔neve	r used:	
	'9=don't know)	,'		,	
	landf:	ill, mono ind	lustrial waste .		(42)
	landf	ill, mixed in	dustrial waste	91	(43)
	Landr	ill, drummed	waste	131	(44)
	landf	ill, municipa	ıl refuse co-dis	posed igi	(45)
	pits/j	ponds/lagoons	· • • • • • • • • • • • • • • • • • • •		(46)
	deep v	well injectio	n		(47)
	land i	farming			(48)
	incine	eration			(49)
	treati	ment (eg. neu	tralizing)		(50)
	reproc	cessing/recyc	ling	$\overline{9}$	(51)
8.	other	ISDECLIVE CL	lass z Landtii	1 171	(52)
ο,	Users of this site (1=this facility;	Z=this faci	lity and other o	company	
	facilities only; 3=this company and	others; 9=do	n't know)		(53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

MB - Page 2 Company Name: Stauffer Chemical Co. Facility Name: Richmond Ag Plant Site Name: Blair Southern Pacific Landfill Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know) FILL IN EVERY BLOCK SPACE Acid solutions, with pH < 3. [9] (10)

pickling liquor [2] (11)

metal plating waste [2] (12) circuit etchings [2] (13)
inorganic acid manufacture . [2] (14)

 organic acid manufacture
 [2] (15)

 Base solutions, with pH> 12
 [2] (16)

 Heavy metals & trace metals (bonded organically & inorganically)(1) (20) | 1 (22)
| iron, manganese, magnesium | 2 (22)
| iron, manganese, magnesium | 1 (23)
| zinc, cadmium, copper, chromium (trivalent) | 1 (24)
| chromium (hexavalent) | 2 (25)
| lead | 1 (26)

insectides & intermediates [2] (35)
herbicides & intermediates [2] (36) rungicides & intermediates
rodenticides & intermediates
halogenated aliphatics
| 21 (38)
halogenated aromatics
| 22 (39)
| 39 (40) PCB/PBB's [2] (42)
amides, amines, imides [2] (43) resins [2] (45) elastomers [2] (46) solvents polar (except water) [2] (47)

 oils and oil studges
 [2] (54)

 esters and ethers
 [2] (54)

 alcohols
 [2] (55)

 ketones & aldehydes
 [2] (56)

 | Companies | Comp

Iron 1% Manganese 200 ppm Copper 30 ppm Chromium +3 14.5 ppm Lead 100-200 ppm Chromium +6 \langle 0.1 ppm Asbestos (prior to 8/76) 40 ppm

B: DISPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Comp	any Nume: _	Stauffer C	hemical	Co		·		
	lity Name: [Richmond A						_
	of Site:	I.T. Envir	onmenta.	l of Contra	Costa Cour	nty		
Addr	ess of Site	East End A	rthur Ro	oad				
		no.	street		· · · · · ·		٠,	
	•	Mandalman		C 2	0.4550			
		<u>Martinez</u> city	· · · · · · · · · · · · · · · · · · ·	CA state	94553 zip code	 '.		
	•	CIC		State.	zip code			
Namo	of Owner (h	hile used by f	acility):	I.T. Corpo	oration			
Addro	oss:	4575 Pache	co Blvd.			_		
•		no.	street			- ·		
			ŕ					
		<u> Martinez</u>		CA	<u>94553</u>			
		city		state	zip code			
Curre	ent Owner (i	f different fr	om abóve)	:			٠.	
Addre	ess:							1 2 -
		no.	street					٠
			• •	•	•			
•	•	city		state	zip code	_		
		,	-	0 1200	p oou	*		
	•			:	•	:		
1. I	ocation (1=	the property	on Which	facility is 1	ocated; 2= of	ff-site)	. [2] (10)
2, 0	wnership at	time of use (l= compan	v ownershin:	2=private but	t not		
7 0	ompany owner	rship) 3=public	c ownersh	ip)			· [2] (11)
3. C	urrent stati	us (1= closed; CLOSED, specif	2= still	in use; 9=do	n't know)		. (2) (12)
4. Y	H. torid man	cluses, specia	ty year c.	losed	134	19	ک لیا	13-14).
, v	ear last us	sed for processed for process	s waste II	rom this raci	lity	704 25	7161	15-16)
	till in use),	waste III	Jii CIIIS IACII.	ity (enter)	19	in at C	17 101
6. T	otal amount	of process was	te from 1	this facility	distanced at	eita.	71910	17-10)
		process	thousa	and gallons .	arsposed at		110	19~26)
		* *	. hundre	ed tons			-{- }}	27 - 33)
	•	•	thousa	and cubic yard	ds	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		34 - 41)
7. S	pecify type:	(s) of disposal	. method(s	s) used at si	te and whethe	er method		
i	s still in i	use (1=current1	y in use;	. 2=no longer	in use; 3=ne	ver used;	٠,	:
9:	≃don't know)	,			•	·		100
			landfi	ill, mono indu	ustrial waste		[9] (4	42) `
	• .		landfi	ill, mixed inc	dustrial wast	e	11 (
	1		landfi	ill, drummed 1	vaste		191 (4	44)
. *			landfi	III, municipa	l refuse co-d	isposed		
			pits/p	onds/lugoons			[1] (4	16)
			deep w	cll injection	n	• • • • • • • • • • •	(4	
		•	jana 1	arming		* * * * * * * * * * *	<u>')</u> [9]	18)
			incine	ration	• • • • • • • • • • • • •	* * * * * * * * * * * * * * * * *		
			FLOSICI	ment (eg. neut	ralizing)	* * * * * * * * * * * *	_LLI (§	5U) F1S
	•		nthor	cssing/recycl (specify)	Ling			31) :2)
8. Us	sors of this	site (1=this	facility	-copourry - 2=thie focil	lity and otho	· · · ·	[9] (5	24.J.C
fa	cilities on	ly; 3=this com	pany and	others: 9=der	i ti kuno)	r company	[3] (5	53)
							G1 (-	رد.
Ti	LIST NAMES A	ND ADDRESSES O	F OTHER K	NOWN USERS IN	" VOLE	•	-	

Company Namo: Stauffer Chemical Co

Facility Name: Richmond Ag Plant
I.T. Environmental
Site Name: of Contra Costa County

Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

	PILI, IN BYERT BLOCK SPACE		
٠.	Acid solutions, with pH<3	t = t	(10)
	Acid solutions, with pHS3	H	(10)
	pickling liquor	[2]	(TT)
	metal plating waste	$\lfloor 2 \rfloor$	(3.2)
	circuit etchines	121	(1.3)
	inorganic acid manufacture	121	(14)
	organic acid manufacture	17	(15)
	Base solutions, with pH> 12	급	(16)
	caustic soda manufacture	片	(17)
	caustic soda manufacture	띘	(1/)
	nylon and similar polymor generation	[2]	(10)
	scrubber residual	Ш	(78)
	Heavy metals & trace metals (bonded organically & inorganically)	[2]	(20)
	arsenic, selenium, ontimony	[2]	(21)
	mercury	121	(22)
	iron, manganese, magnesium	121	(23)
•	zinc, cadmium, copper, chromium (trivalent)	님	(24)
	chromium (hexavalent)	121	(25)
	lead	(4)	(26)
	lead	[2]	(20)
	Radioactive residues, >3 pico curies/liter	[2]	(4/)
	uranium residuals & residuals for UF6 recycling	2	(28)
•	lathanide series elements and rare earth salts	2	(29)
	phosphate slag	121	(30)
	thorium	121	(31)
	radium	121	(32)
٠.	other alpha, beta & gamma emitters	21	(33)
	Organics	111	(34)
	insectides & intermediates	ادا	(35)
	herbicides & intermediates	لكا	(36)
	nerbicides 6 intermediates	ш	(22)
	fungicides & intermediates	121	(20)
	rodenticides & intermediates	[2]	(30)
	halogenated aliphatics	$\lfloor 2 \rfloor$	(33)
	halogenated aromatics	2	
	acrylates & latex emulsions		(41)
	PCB/PBB's	2	(42)
	amides, amines, imides	$\overline{\Pi}$	(43)
	plastizers	$\tilde{1}^2\tilde{1}$	(44)
	resins	121	(45)
	elastoners		(46)
	solvents polar (except water)	12	
	carbontotrachloride	121	(48)
	trichloroothylene	141	2407
	Erichtoroethytens	121	(50)
1	other solvents nonpolar	1	
	solvents halogenated aliminatic	121	(21)
	solvents halogenated aromatic		
	oils and oil sludges	2	
	esters and others		(54)
	alcohols	121	(55)
	ketones & aldehydes	121	(50)
	dioxins	12.1	(57)
	Inorganics	111	(58)
	5alts	121	ζ59Ý
	mercaptans	121	(60)
	Misconnections		
	pharmacoutical wastes	17.	2623
	paints & pigments	[2]	(03)
	catalysts (eg. vonadium, platinum, palladium)	12)	COUL
	asbestos	1.2	(05)
	shock sensitive wastes (eg. nitrated toluenes)	121	(411)
	air water reactive wastes (eg. Pa, aluminum chloride)	121	(67)
	wastes with flash point below 1000 P	11	(63)
		. —	

B: DISPOSAL SITE INFORMATION	1.	(IX) NOT USE) (1-8
D: HUSTYOME STOR THEOMETICAL	•	(IO NOI Gais) .

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE STIE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name:	Stauffer Che				
Pacility Name:	Richmond Ag	Plant		-	•
Name of Site: Nddress of Site:		mental, Solano C	County	_	
widioss of offe.	nake	Herman Road		_	
	ло., s	treet	•	•	
,	Benicia'	CA	94510	• •	,
	city	state	zip code	-	
		i	-		
ame of Owner (w ddress:	hile used by fact 4575 Pacheco	ility): I.T. Corp	oration	-	
udi (35.		treet .		-	
	110, 31	. ,	•	•	
	Martinez	CA	94553		
	cíty	state	zip code	-	
urrent Owner (i:	f different from	abovel:			
dress:					- fii lian.
	no. st	reet .		- •	
ř		•	·		
, ,	city	state	Tin Tollo		1
•	City	State	zip code		•
				i.	
Company owner Current statu IF Year first use Year Tast use	time of use (1= ship) 3=public ous (1= closed; 2= CLOSED, specify ed for process was d for process was	which facility is I company ownership; wnership)still in use; 9=do year closedaste from this facilite from this facilite from this facilite.	2=private but pon't know)	not 19[19] ' if	2 (11) 2 (12) 1 (13-1 75 (15-1
Company owner Current statu From Year first us Year Tast use still in use) Total amount	time of use (1= ship) 3=public ous (1= closed; 2= CLOSED, specify sed for process was defor process was to process was to process was to the proce	company ownership; whership)	2=private but n't know) lity ity (enter "79"	190 190 190 191 111 112:	[2] (11) [2] (12) [13-: 715] (15-: 719] (17-: [] (19-: 3]7] (27-:
Company owner Current statu IF Year first us Year Last use still in use) Total amount Specify type(is still in u	time of use (1= ship) 3=public ous (1= closed; 2= CLOSED, specify sed for process was defor process was to process was to for process was to show the process was the process which the process was to show the process was the process which the proc	company ownership; whership)	2=private but n't know) lity ity (enter "79" disposed at s: ds te and whether	190 190 190 190 190 190 190 190 190 190	[2] (11) [2] (12) [13-1] [15-1] [15-1] [17-1] [19-2] [17-1]
Company owner Current statu IF Year first us Year last use still in use) Total amount Specify type(time of use (1= ship) 3=public ous (1= closed; 2= CLOSED, specify sed for process was defor process was to process was to for process was to show the process was the process which the process was to show the process was the process which the proc	company ownership; whership)	2=private but month it know) lity lity (enter "79" disposed at since and whether in use; 3=nevel ustrial waste dustrial waste waste refuse co-dis	19g 19g 'if 19g ite: method pr used;	[2] (11) [2] (12) [13-: 715] (15-: 719] (17-: [] (19-: 3]7] (27-:
Ownership at company owner Current statu From Year first us Year Tast use still in use) Total amount Specify type(is still in u	time of use (1= ship) 3=public ous (1= closed; 2= CLOSED, specify sed for process was defor process was to process was to for process was to show the process was the process which the process was to show the process was the process which the proc	company ownership; whership)	2=private but non't know) lity lity (enter "79" disposed at since and whether in use; 3=neve ustrial waste dustrial waste waste l refuse co-dis	19g 19g if 19g ite: method pr used;	[2] (11) [2] (12) [] (13-7) [75] (15-7) [7] (17-1] [] (19-2] [] (34-4] [] (42) [] (43) [] (44)
Company owner Current statu From Year first use Year Tast use still in use) Total amount Specify type(is still in u	time of use (1= ship) 3=public ous (1= closed; 2= CLOSED, specify sed for process was defor process was to process was to for process was to show the process was the process which the process was to show the process was the process which the proc	company ownership; whership)	2=private but not know) lity lity (enter "79" disposed at site and whether in use; 3=nevel dustrial waste waste l refuse co-dis	19t 19t if 19t ite: method pr used;	2 (11) 2 (12) 1 (13-715 (15-1715 (17-17
Company owner Current statu From Year first us Year Tast use still in use) Total amount Specify type(is still in u	time of use (1= ship) 3=public ous (1= closed; 2= CLOSED, specify sed for process was defor process was to process was to for process was to show the process was the process which the process was to show the process was the process which the proc	company ownership; whership)	2=private but not know) lity	19g 19g if 19g ite: method pr used;	2 (11) 2 (12) (13-7)5 (15-7)5 (15-7)9 (17-1) (19-2) (34-2) (42) (43) (44) (45) (45) (46) (47) (48)
Company owner Current statu From Year first us Year Tast use still in use) Total amount Specify type(is still in u	time of use (1= ship) 3=public ous (1= closed; 2= CLOSED, specify sed for process was defor process was to process was to for process was to show the process was the process which the process was to show the process was the process which the proc	company ownership; whership)	2=private but not know) lity lity (enter "79" disposed at site and whether in use; 3=neve dustrial waste dustrial waste waste 1 refuse co-dis	190 195 ite: methoder used;	2 (11) 2 (12) (13-7)5 (15-7)5 (15-7)9 (17-1) 3 7 (27-1) 4 (34-4) 4 (43) 9 (44) 9 (45) 9 (45) 9 (48) 9 (48) 9 (49)
Ownership at company owner Current statu From Year first us Year Tast use still in use) Total amount Specify type(is still in u	time of use (1= ship) 3=public ous (1= closed; 2= CLOSED, specify sed for process was defor process was to process was to for process was to show the process was the process which the process was to show the process was the process which the proc	company ownership; whership)	2=private but not know) lity lity (enter "79" disposed at site and whether in use; 3=neve dustrial waste dustrial waste waste l refuse co-distribute)	19[19] if 19] ite: method er used;	2 (11) 2 (12) 1 (13-715 (15-719 (17-12) 1 (19-12) 317 (27-12) 1 (34-42) 44) 9 (42) 1 (43) 9 (44) 9 (45) 1 (46) 9 (47) 9 (48) 9 (49) 9 (49) 9 (50)
Company owner Current statu From Year first us Year Tast use still in use) Total amount Specify type(is still in u	time of use (1= rship) 3=public o ss (1= closed; 2= CLOSED, specify led for process wa d for process was of process waste s) of disposal make (1=currently in	company ownership; whership)	2=private but not know) lity lity (enter "79" disposed at site and whether in use; 3=neve dustrial waste dustrial waste waste l refuse co-distribute)	19[19] if 19] ite: method er used;	2 (11) 2 (12) 1 (13-715 (15-719 (17-12) 3 7 (27-12) 3 7 (27-12) 4 7 (34-42) 4 8 (44) 9 (44) 9 (45) 9 (48) 9 (48) 9 (49) 9 (50) 9 (51)
Ownership at company owner Current statu IF Year first use Year last use still in use) Total amount Specify type(is still in u 9=don't know)	time of use (1= rship) 3=public o us (1= closed; 2= CLOSED, specify ed for process wa d for process was of process waste s) of disposal m se (1=currently i	company ownership; whership)	2=private but on t know) lity lity (enter "79" disposed at site and whether in use; 3=neve ustrial waste dustrial waste waste l refuse co-distralizing) ling	19g 19g if 19g ite: method or used;	2 (11) 2 (12) (13-5) (15-5) (17-1) (19-2) (34-4) (43) (44) (45) (46) (47) (48) (49) (49) (9) (49) (9) (50)
Ownership at company owner Current statu IF Year first use Year last use still in use) Total amount Specify type(is still in u 9=don't know) Users of this	time of use (1= rship) 3=public o us (1= closed; 2= CLOSED, specify ed for process wa d for process was of process waste s) of disposal m se (1=currently i	company ownership; whership)	2=private but not have a continued and whether in use; 3=neve ustrial waste dustrial waste waste 1 refuse co-districting ling	ite: 19th 1	2 (11) 2 (12) 1 (13-7) 715 (15-7) 1 (19-2) 317 (27-3) 1 (34-4) 9 (44) 9 (44) 9 (45) 1 (46) 9 (47) 9 (48) 9 (49) 9 (50) 9 (51)

4 B - Pago 2	. [1-8]
Company Namo: Stauffer Chemical Co.	" (DO NOT USE)
Pacility Name: Richmond Ag Plant	
Site Name: I.T. Environmental, Solano County	The second secon
 Components (or characteristics) of process waste fr disposed at site: (1=present in waste; 2=not presen 9=don't know) 	om this facility t in waste;
FILL IN EVERY BLOCK SPACE	
Acid solutions, with pl < 3. pickling liquor metal plating waste circuit etchings inorganic acid manufacture organic acid manufacture Base solutions, with pl > 12. caustic soda manufacture nylon and similar polymer generation	[2] (11) [2] (12) [2] (15) [2] (14) [2] (15) [2] (16) [2] (17) [2] (18)
scrubber residual	
iron, manganese, magnesium zinc, cadmium, copper, chromium (trivalent)	
chromium (hexavalent) lead Radioactive residues, >3 pico curies/liter uranium residuals & residuals for UF6 recycling lathanide series elements and rare earth salts	2 (25) *
thorium radium other alpha, beta & gamma emitters	
Organics insectides & intermediates herbicides & intermediates	$\cdots \qquad \qquad$
rodonticides & intermediates rodonticides & intermediates halogenated aliphatics halogenated aromatics acrylates & latex emulsions	
amides, amines, imides plastizers resins clastomers	
solvents polar (except water) carbontetrachloride trichloroethylene other solvents nonpolar solvents halogenated alliphatic	
solvents halogenated aromatic oils and oil sludges esters and others alcohols ketones & aldehydes dioxins	
salts mercaptans Misc	
paints & pigments catalysts (eg. vanadium, platinum, palladium) asbestos shock sensitive wastes (eg. nitrated toluenes) air water reactive wastes (eg. Pa. alumium chlow	
wastes with flash point below 1000 F * Dry Alum Mud Insoluble	1 (68)
Iron 18 Manganese Copper 30 ppm Chromium + Lead 100-200 ppm Chromium + Asbestos (prior to 8/76) 40 ppm	200 ppm 3 14.5 ppm 6 < 0.1 ppm
The state of the s	121(80)

	. 77 -	DESCRIPTION	CTHTZ	INFORMATION
٠,	A 134	THEORIGINA	OL HIL	TREORGETTERA

(DO NOT USE) (1-8)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

	ompany Namo:	Stauffer	Chemical	Co			_ ·		• •
	cility Name: _	<u>Richmond</u>							
Na A J	me of Site:	<u>Berkeley</u>	Landfill	Co.					
Ad	ldress of Site:	Foot of U	<u>niversity</u>	<u>Avenue</u>		·- ·	_		
		no.	street			•	•		
		Berkeley		CA					
		city		state	•	zip code	_		
		•				•	•	•	
	me of Owner (w	ile used by	facility):	City of	Berke	ley			
Ad	dress:	2180 Milv			. '				
		no.	street		. '				
		Berkeley		CA .					
		city		state		zip code	-	7	
Ov	rrant Omer lit	•				DIP COUC			
- Δα	rrent Owner (if dress:	different	rom above):		a e egine jeda		_		
JALIK		по.	street			<u>.</u> .	-		
	•		Street	• •	200		No.		
				·			_		
		city		state		zip code			
			•		100				4
1.	Location (1=	the property	on which f	Cacility i	c locat	od: 2- o€	المحقمات	101	(20)
2.	Ownership at	time of use	()= COMMON	actitty i	s iocat	du, z- or	r-site)	••• 2	[10]
	company owner	ship) 3=publ	ic ownershi	n)	12, 4-121.	TAUCC DUT	1100	131	(11)
3.	company owner Current statu	s (l= closed	: 2= still	in use: 9	=don t	know)	* * * * * * * * * * * * * * * * * * *	12	(12)
	111	ulubii. Spec	irv vear ci	osed		_		101	(13.17
4.	rear first us	ed for proce	ss waste fr	om this fa	acility			19 6 0	(15-10
5.	Year last use	d for proces	s waste fro	m this fac	cility	(enter 117)	9^{11} if		
_	still in use) Total amount							19 <u>[7</u>]1.	(17-18
6.	iotal amount	or process w	aste from t	his facil:	ity disp	posed at a	site:		
			hmdas	nd gallon:	5	· · · · · · · · · · <u>·</u>			(19-26
	•	•	andice:	d tons	rorde	• • • • • • • •		1111	(27-3.
7.	Specify type(s) of dispos	al method(s	nd cubic y	raius , site ar	id what has	method		ξ34÷4;
	is still in ù	se (l=curren	tly in use:	2=no lone	er in 1	ise: 3 e ne	meenod.		
	9=don't know)	•	,,			2017 0 110	or acco,	100	
			landfi	11, mono i	industri	ial waste		. 191	(42)
			' landfi	ll, mixed	industr	rial wasto		. [2]	(43)
			. landfi	ll, drumme	ed waste	3		9	(44)
			landfi	ll, munici	ipal ref	luse co-di	sposed .	. [9]	(45)
	•		pits/p	onds/lagoç	ms			(9)	(46)
			deep w	ell inject	ion		*******		(47)
		. •	land fa	arming	• • • • • •	*****			(48).
			tuctio:	ration				[9]	(49)
•			r renroce	ent (eg. n	eutrali	z_{1} n, \cdots	•••••	· [2]	(50)
	•		other	essing/rec (specify)_	String.	2 Tand4	· · · · · · · · · · · · · · · · · · ·	··별	(51)
8.	Users of this	site (1=this	incility:	2≈this fa	cility.	and other	COUNTRAIN		(52)
-	facilities onl	y; S=tlis co	ompany and c	- c5 10 others: 9=	don't k	now)	Company	. 13 1	(53)
									(33)

M B - Page 2 Stauffer Chemical Co. Company Namo: Richmond Ag Plant Facility Name: Berkeley City Dump Site Name: Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know) Acid solutions, with pH<3. [9] (10)
pickling liquor [2] (11)
motal plating waste [2] (12)
circuit etchings [2] (13)
inorganic acid manufacture [2] (14)
organic acid manufacture [2] (14)
organic acid manufacture [2] (16)
caustic soda manufacture [2] (16)
caustic soda manufacture [2] (17)
nylon and similar polymor generation [2] (18)
scrubber residual [2] (19)
Heavy metals & trace metals (bonded organically & inorganically) [1] (20)
arsenic, selenium, antimony [2] (21)
mercury [2] (22)
iron, manganese, magnesium [2] (22)
iron, manganese, magnesium [2] (22)
chronium (hexavalent) [2] (25)
lead [2] (26)
Radioactive residues, >3 pico curies/liter [2] (27)
uranium residuals & residuals for UF6 recycling [2] (28)
lathanide series elements and rare earth salts [2] (29)
phosphate slag [2] (30)
thorium [2] (31)
radium [2] (32) FILL IN EVERY BLOCK SPACE herbicides & intermediates
fungicides & intermediates
rodenticides & intermediates
halogenated aliphatics
halogenated aromatics
acrylates & latex emulsions
PCB/PBB's

[2] (42)
[2] (42)

 amides, amines, imides
 12 (43)

 plastizers
 12 (44)

 resins
 12 (45)

 elastomers
 12 (46)

 solvents polar (except water)
 12 (46)

 carbontetrachloride
 12 (47)

 trichloroethylene
 12 (48)

 other solvents nonpolar
 12 (50)

 solvents halogenated aliphatic
 12 (51)

 solvents halogenated aromatic
 12 (52)

 oils and oil sludges
 12 (53)

 esters and others
 12 (54)

 alcohols
 12 (55)

| dioxins | [2] (57) | Inorganics | [1] (58) | salts | [1] (59) | mercaptans | [2] (60) | Misc. | [2] (61) | (61) | | pharmaceutical wastes | 12 (62) | (62) | (63) | (63) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | (64) | Dry Alum Mud Insolubles 18 Manganese 200 ppm Copper 30 ppm Chromium +6 < 0.1 ppm 100-200 ppm Lead Chromium +3 14.5 ppm Asbestos 40 ppm

TORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Com	pany Name:	Stauffer C	hemical C		<u>.</u> .		· ·		
	ility Name: _	Richmond 1	<u>lg Plant</u>	<u>'</u>			_		*
	e of Site:	Environmer	ital Dispo	sal Ser	vices		-		
Ada	ress of Site:		street			 -	-		
•		ло.	Street			•			
		Kettleman	City	<u>CA</u>			_		
		city		state	7	zip code			-
11	e of Owner (w)	l hála sarad bsé	facility	Waste	Managen	ent. In	c.		
Add.	ress: <u>900 J</u>	orie Blud	racifficy).				-		
,3444	1033	no.	street				-		**
				. =		60503			
	Oakbr		1	L state		60521 zip code	- . ·		
		city				arp code.			
	rent Owner (i	f different f	rom_above):			 	- <i>2-2</i>	=	
Add	ress:		atmost						•
	•	no.	street	*			* *		
							_		
		city		state	2	zip code			
									•
1.	Location (1=	the property	on which f	acility	is locate	ed: 2= of:	f-site)	121	(10)
2.	Ownership at	time of use	(1= company	ownersh	ip: 2=pri	vate but	not		
	ຕາການການ ດາການາ	rehin) 3=mihi	ic ownershi	m} fa			<i></i>	[2]	(11)
3.	Current stati	is $(1 = closed)$: 2= still	in use: !	9=don't 1	arow)		12.5	(12)
	TF	CLOSED, spec	ify year cl	osed			19}	1 6	(12-74)
4.	Year first us	sed for proce	ss waste fr	om this:	facility		19 _[718	(15-10)
5.	Year last use	ed for proces	s waste fro	m this is	acility (Cent ar	9' II 101:	71 Q. E	(17-18)
ż	still in use) Total amount	of process w	neta from t	hie faci	iitv dist	nosed at s	ite:	11.2	(27 10)
6.	TOTAL SHIOTHE	or brocess w	thouse.	nd ealle	ns			1.1	(19-26)
		,							(27-33)
	•	•	thousa	nd cubic	yards	[11111		(34-41)
. 7.	Specify type	(s) of dispos	al method(s) used a	t site ar	nd whether	r method		
	is still in u	ise (1=curren	tly in use;	2=no 10	nger in u	use; 3=ne	ver used;	: ~	
	9=don't know))							é a n N
									(42)
			landfi	11, mixe	d industr	rial Vasti	e	ĬŢ,	(43)
			landri	li, drum	ned wasto			15	(44)
		•					isposed	19	(45) (46)
	•							19	(47)
٠.	•							10	(48)
	•						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10	(49)
,		•						19	(50)
								19 1	(51)
	•	,	" other	(specify) '			19 1	(52)
8.	Users of this	s site (l=thi	s facility;	2=this	facility	and othe	r company		
•	facilities or	າly, ວະໄກ່is c	ompany and '	others;	9=don 't´l	know)		13	(53)
		<u> </u>				-	•		
	LIST NAMES /	ND ADDRESSES	OF OTHER K	NOWN USE	RS BELOW	1		-	

* 9 Tons

RM B - Page 2 Stauffer Chemical Co. арапу Кало: Pacility Name: Richmond Ag Plant Site Name: ____ Environmental Disposal Services Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don¹t know) FILL IN EVERY BLOCK SPACE caustic soda manufacture [2] (17)
nylon and similar polymer generation [2] (18) mercury [2] (22)
iron, manganese, magnesium [2] (23)
zinc, cadmium, copper, chromium (trivalent) [2] (24)
chromium (hexavalent) [2] (25) lead[2] (26) insectides & intermediates [2] (35)
herbicides & intermediates [1] (36)
fungicides & intermediates [2] (37) halogenated aliphatics [2] (39)
halogenated aromatics [2] (40)
acrylates & latex emulsions [2] (41) PCS/PBB'S
amides, amines, imides
plastizers
[2] (44)
resins
[2] (45) resins

clastomers

clastomers

solvents polar (except water)

carbonte trachloride

trichloroethylene

other solvents nempolar

solvents balogenated aliphatic

solvents halogenated aromatic

clastomers

in the solvents halogenated aromatic

coils and oil sludges

esters and others

in the solvents

in the solv

| 2 | (54) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57) | (57

pharmaceutical wastes
paints & pigments
catalysts (eg. vanadium, platinum, palladium)
l21 (64)
asbestos
shock sensitive wastes (eg. nitrated toluenes)
l21 (66)

11.	1_	L J NOI		1	1	(1	-8)
(DO	NOT.	US.	E)	٠.		

FOLOR B: DISPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

	mpany Name: Lility Name:	Stauffer Ch Richmond Aq		Co	·			~
	me of Site:			ta County	Sanitary Lar	ndfill		
Ado	iress of Site:	Foot of Paa						
			street	-		• •		
		Richmond		CA	94805			
		city		state	zip code		-	
	•			,	-			
	ne of Owner (wi iress:	nile used by fa 205 41st			Sanitary Ser	vice		
			street					
								•
		Richmond		CA	94805	_	,	
		city		state	zip code			
		E different fro	m above)	\ <u></u> _		en e		1
Add	lress:				<u></u>			
	•	no.	street	•				٠
					· · · · · ·	_		_
		city		state	zip code	•		
4. 5.	Ownership at company owner Current statu IF Year first use Year last use still in use)	the property o time of use (1 ship) 3=public us (1= closed; CLOSED, specified for process d for process	= company ownersh: 2= still y year c. waste from the state of the stat	y ownership; ip) in use; 9=do losed rom this facil	2=private but n't know) ility, lity (enter "7	not	· 2 · 2 · 60	(11) (12) (13-14 (15-16
6.	lotal amount	of process was	te from t	inis racilli)	disposed at	sate:	t	(19-26
			hundre	nd garrons .	, , <u>E.</u>			
			though	nd cubic ver	rds	+	TIO	(38-31)
7.	Spacify type	s) of disposal	mothod(s	inu cubic yai	te and whethe	r method	<u>:</u>	(37 42
٠.		se (l=currently						
	9≈don't know)		y in use,	, 4-110 longer	. An use, s-ne	voi useu,		1 - 1 - 1
	3-doll t Mich)		1andfr	ill mono ind	lustrial waste		101	(42)
	•	•			dustrial wast			(43)
	•				waste		詩	(44)
			landfi	111 mimicina	l refuse co-d	isnosed		(45)
					· · · · · · · · · · · · · · · · · · ·			(46)
	•				n			(47)
•		,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			(48)
		,						(49)
	•				itralizing)···			(50)
			ireniro.	ressing /recyc	ling		2	(51)
	•		other	(specify)			اکا	(52)
8.	Hears of this	site (1=this	facility	2=this faci	Tity on other		لك	(55)
٠,		ly; 3=this com					13_1	(53)
	FITON MANAGE A	ADDITION OF THE PROPERTY OF TH	COURSO 5	WOUNT DEEDE B	in out			

Company Namo: ____ Stauffer Chemical Co

Facility Name: Richmond Ag Plant
Western Contra Costa County
Site Name: Sanitary Landfill

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3	١
pickling liquor	ί.
match in a lating in the	ζ.
metal plating waste	Ų
circuit etchings	Į
inorganic acid manufacture)
organic acid manufacture)
Base solutions, with pil> 12)
caustic soda manufacture)
nylon and similar polymer generation	ì.
scrubber residual	
Heavy metals & trace metals (bonded organically & inorganically) 121 (20)) . }-
proprie colories estimates	<i>)</i>
arsenic, selenium, antimony	١.
	ζ.
iron, manganese, magnesium	!
zinc, cadmium, copper, chromium (trivalent))
chromium (hexavalent) (25)	ļ
lead	1
Radioactive residues, >-3 pico curies/liter)
uranium residuals & residuals for UF6 recycling	}
lathanide series elements and rare earth salts	ļ
phosphate slag	
thorium	
radium	
other alpha, beta & gamma emitters	
Organics	
insectides & intermediates[1] (35)	
herbicides & intermediates	
Republisher 6 Inchmediates	
fungicides & intermediates	
rodenticides & intermediates	
halogenated aliphatics	
halogenated aromatics	
acrylates & latex emulsions[2] (41)	
PCB/PBB's [21 (42)	
amides, amines, imides	
plostizers	
resins	
elastomers	
solvents polar (except water)	
carbontetrachloride	
trichloroethylene	
other solvents nonpolar	
solvents halogenated aliphatic	
solvents halogenated arematic	
oile and oil alveloe	
oils and oil sludges	
esters and ethers	
alcohols	
ketones & aldehydes	
dioxins	
Inorganies	
salts	
mercaptans \dots 191 (60)	
Misc	
pharmiceutical wastes	
paints & pigments	
catalysts (eg. vanadium, platinum, palladium)	
asbest'es	
shock sensitive wastes (eg. nitrated toluenes)	
air water reactive wastes (eg. P _d , aluminum chloride)	
wastes with flash point below 1000 F	
100 miles with sixual point boron 200 Printers (11, (00)	

FORM C: HAULER INFORMATION

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS, INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDIARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1950.

Company Name: Stauffe: Facility Name: Richmons	 	 	- ,
Name of Firm or Contract	 ress	ICC (

	Name of Firm or Contractor	Address	(If Known)	Years Used
1.	E. L. Bibb, Inc. General Contractor	4030 Wesley Way El Sobrante, CA 94803		3
2.	Blair Excavators, Inc.	1360 So, 51st St. Richmond CA 94804		29
∵3. •	Erickson Trucking, Inc. State Liquid Waste Hauler's Registra- tion No. 19	249 Tewksbury Ave. Richmond CA .94801		ાં ાંગુ અને
4.	I.T. Transportation, Inc.	4501 Pacheco Blvd. Martinez, CA 94553		4 .
	State Liquid Waste Hauler's Reg. # 88			
5.	Knapp Excavators, Inc. State License No. 188777	63 Parr Blvd. Richmond CA		29
6.	Richmond Sanitary Ser- vice State Liquid Waste Hauler's Reg. #92	:205 41st St. Richmond CA 94805		29

OM D: SUPPLEMENTAL HAULER INFORMATION	<u> Fal</u>
	11111110-
. B. LING YOUR ENDS COMPANY THE AMERICA AND A CONTROL OF THE	(DO NOT USE)
REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION	
7	•
Company Name: Stauffer Chemical Co. Facility Name: Richmond Ag Plant	**NOT APPLICABLE
Name of Hauling Finm/Contractor:	
Address: (no.) (street)	
(city) (state) (zip code)	
1. Year first used	
2. Year last used (enter "79" if still in use)	19 (10-11)
- Inclinty:	
thousand gallons	(14-21)
hundred tons	(22-28)
4. Components (or characteristics) of process waste from this faciliat site: (1=present in waste; 2=not present in waste; 9=don't known that the process of	
FILL IN EVERY BLOCK SPACE	w):
Acid solutions, with pH<3	
picking liquor	(38)
metal plating waste	(70)
inorganic acid manuracture	
organic acid manufacture	(42)
Base solutions, with pH>10	$\cdots \qquad \qquad$
nyion and similar polymer generation	(3/6)
scrubber residual	- 1 6485
Heavy metals & trace metals (bonded organically & inorganically) arsenic, selenium, antimony	(48)
mercury	(49)
iron, manganese, magnesium zinc, cadmium, copper, chromium (trivalent)	····· <u>j (šo</u>)
Chromum (nexavalent)	(52)
read	<u></u> ∴ is 3 i
Radioactive residues, >3 pico curies/liter	}
laurantue Series elements and rare earth salts	(66)
phosphate slagthorium	(E7)
radium	· · · · · · · · · · · · · · · · ·
other alpha, beta & gamma emitters	
pesticides & intermediates	<u> </u>
herbicides & intermediates	<u> </u>
fungicides & intermediates	\dots $\Pi_{65}^{(64)}$
halogenated aliphatics	<u> </u>
halogenated aromatics	<u> </u>
Pub/PBB's	— ≥ × o ×
amides, amines, imides	<u> </u>
plastizersresins	$ \begin{array}{c} $
elastoners	2735
solvents polar (except water)	2745
tricitoroethylene	(75)
outer solvents nonpolar	777
solvents halogenated aliphaticsolvents halogenated aromatic	$\cdots \qquad \qquad$
olis and oli simges	 (10)
esters and ethers	<u> </u>
alcohols	(17)
dioxins	<u> </u>
Inorganics	$\cdots $ \square (15)
mercaptans	(1.70)
MISC	27.05
pharmaceutical wastes	(20)
catalysts (eg. vanadium, platinim, palladium)	· ;21 ;
asbestos	— > ₂₂₂ (
All Water reactive wastes feet Pa pluminum oblocidor	; <u></u> ;
wastes with flash point below 100° F.	一 (25) 2 [80]

	nd .





San Francisco Bay Regional Water Quality Control Board

Fact Sheet – Requirements for Submitting Technical Reports Under Section 13267 of the California Water Code

What does it mean when the Regional Water Board requires a technical report?

Section 13267¹ of the California Water Code provides that "...the regional board may require that any person who has discharged, discharges, or who is suspected of having discharged or discharging, or who proposes to discharge waste...that could affect the quality of waters...shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires."

This requirement for a technical report seems to mean that I am guilty of something, or at least responsible for cleaning something up. What if that is not so?

The requirement for a technical report is a tool the Regional Water Board uses to investigate water quality issues or problems. The information provided can be used by the Regional Water Board to clarify whether a given party has responsibility.

Are there limits to what the Regional Water Board can ask for?

Yes. The information required must relate to an actual or suspected or proposed discharge of waste (including discharges of waste where the initial discharge occurred many years ago), and the burden of compliance must bear a reasonable relationship to the need for the report and the benefits obtained. The Regional Water Board is required to explain the reasons for its requirement.

What if I can provide the information, but not by the date specified?

A time extension may be given for good cause. Your request should be promptly submitted in writing, giving reasons.

Are there penalties if I don't comply?

Depending on the situation, the Regional Water Board can impose a fine of up to \$5,000 per day, and a court can impose fines of up to \$25,000 per day as well as criminal penalties. A person who submits false information or fails to comply with a requirement to submit a technical report may be found guilty of a misdemeanor. For some reports, submission of false information may be a felony.

Do I have to use a consultant or attorney to comply?

There is no legal requirement for this, but as a practical matter, in most cases the specialized nature of the information required makes use of a consultant and/or attorney advisable.

What if I disagree with the 13267 requirements and the Regional Water Board staff will not change the requirement and/or date to comply?

You may ask that the Regional Water Board reconsider the requirement, and/or submit a petition to the State Water Resources Control Board. See California Water Code sections 13320 and 13321 for details. A request for reconsideration to the Regional Water Board does not affect the 30-day deadline within which to file a petition to the State Water Resources Control Board.

If I have more questions, whom do I ask? Requirements for technical reports include the name, telephone number, and email address of the Regional Water Board staff contact.

Code sections can be found by searching the California Legislative Code Section search at http://leginfo.legislature.ca.gov/faces/codes.xhtml

rev: March 2014

JAYNE BATTEY, CHAIR | EILEEN M. WHITE, EXECUTIVE OFFICER