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INDIVIDUAL LOCATION REPORT

WATER

(Strictly Confidential to MCA)

WATER POLLUTION CONTROL IN THE CHEMICAL INDUSTRY

	Location (city and state) Newark, N	iem nerbed	
	If manufacturing is carried out at this location, check here and 🔀 disregard other function categories.	If this is a non-production function: Research and/or develon Warehouse and storage Packaging, including cy Blending or compoundin Other (specify)	linder filling
	With regard to surface waters, this location	adjoins:	
	A. Fresh water - name of river, stream	m, lake, etc.	
	B. Brackish water — name of river estuar	ry Passaic River	
	C. Salt water - name of occur or sa		
9.	If more than one of the above applies, water and wastewater discharges Total number of employees (at this location)	, indicate which receives	
	. Normal operating schedule24		7days/week
	Number of chemical production processes: (For this purpose, a "process" is arbitrari integrated group of equipment. It may yic tancously or at different times. Disregard A. Processes without water-home waste d	ily defined as a set of unit op eld one product, or a number o sanitary waste handling.)	erations carried out in an f kindred products, simul-
	B. Processes with water-borne waste discharges to a public sewer system C. Processes with water-borne waste discharges to surface waters, either with or without waste treatment.		2)One process dis-
)charges both to)sewer and to 4)river.
	D. Processes with underground disposal o		0
	E. Processes with water-borne wastes (specify how):	s otherwise disposed of	0
		Total number of processes	9

5.	Wet	ter withdrawals-for all purposes-average gallons per operating	day:			
	A.	From public supplies		63,00	gp	ď
	В.	From private supplies:		2,160,00	gp	d
		From wells	860,000	gpd		
		From surface waters (streams, ponds, etc.)	1,300,000	gpd		
		Other (specify)	- 0 -	gpd		
		Total withdrawals (Sum of A	and B)	2,223,00	XO gp	od
	G.	Estimate daily requirement of water if none of it was recircula otherwise re-used (to indicate extent of water re-use)	ted or	2,223,00	00 gp	ьd
6.		iter and wastewater discharges— erage gallons per operating day:	Discharged to surface waters	Discharged to public sewers	Other dispose (identif	al
	۸.	Once-through cooling water	1,960,000 _{gpd}	187,000 gpd	O Bb	ьd
		Discharged separately from other wastewater? Yes E	xcept \(\text{No} \) to public sewe	er.		
	otal C. D	 Effluent requiring no treatment under existing control requirements Treated effluent meeting all existing control requirements What percent of this volume is now scheduled for improvement? Untreated effluent not meeting all existing requirements What percent of this volume is now scheduled for improvement? Untreated effluent not meeting all existing requirements What percent of this volume is now scheduled for improvement? Process wastewater effluent Sub-total of once-through cooling water plus process wasternamely total volume of water and wastewater discharges accordingly. Water consumed or lost (i.e., volume evaporated, shipped in that it is not released to surface waters to become available for if this grand total differs from the water withdrawals total (1) Condensate not fed to process is sent to rive 	- 0 - gpd - 0 - gpd N/A % 12,800 gpd 0 % 27,300 gpd water effluent (sum inted for products or otherwise or downstream use) entered under item 5, yer(2) unknown 1	- 0 - gpd N/A % 13,200 gpd of A and B), 2, e removed so 2,3	- 0 - gF - 0 - gF N/A % - 0 - gF N/A % - 0 - gF 187,500 gF	od od pd pd
7.	A C D	mitary waste is: (Check either A or B, and others as applicable Combined with plant waste or B. Kept separate from Given in-plant treatment Delivered to public sewer system Other (specify)				
8.	N	ype and net quantity of water-borne waste constituents discharge ote: Deduct amounts of inorganics and organics received in the inregard nanitary wante if delivered neparately.	ed-pounds per day: influent water.			

		To surface waters	To public sewer system	Other disposal (identify)
A. Inorganics (dry w	eight):			
(n) Dissolved		8,700 lb/day	17,090 lb/day	1b/day
(b) Undissolved		-0- "	*	
	Total .	8,700 "	17,090 -	-0-
B. Organics (dry wei	ght):			
(a) Dinnalvad		1,780 lb/day	2,800 lb/day	O _ lb/day
(b) Undissolved		-0- "	340 •	-0- "
	Total _	1,780	3,140 "	-0-
C. Oxygen demand of ics waste dischu- pounds oxygen pe	ged-			
COD (Chemical O Demand)	ygen <u>U</u> r	nknown lb/day	<u>Unknown</u> lb/day	<u>Unknown</u> lb/day
BOD (5-day Biocher Oxygen Demand)	nical Un	ıknown "	77-1	Jnknown *
9. Waste treatment me	thods employe	d:		
☐ Lagooning ☐ Settling			☐ Biologica	loxidation
☐ Neutralization ☐ Incineration			☐ Chemical	ctreatment oxidation or reduction
☐ Floration			Treatment Treatment	in public (e.g., Sanitary Com
Subsurface disp	osul (deep wel	1)	种模型元璋民	A) facilities mission ecify)
A. Estimate of dry treatment were r	weight basis c not employed (p	of water-borne waste	constituents that would b	e discharged if waste
Inorganies				4,920 lb/day

10. Capital investment in facilities in present use for water pollution control, including both waste treatment and reduction of waste volume by modification of operating processes and equipment. Also include capital cost of sewers, lagoons, or settling basins and waste beds necessary thereto, facilities for subsurface disposal, incineration (liquid wastes only), etc. (at this location only):

A. Total to end of 1966	g 23,000	
B. Five-year sub-total for 1962-1966, inclusive	g 1,000	
C. Additional projected for next five years, 1967-1971, inclusive	s 2,250	
il. Annual operating and maintenance cost (current rate) of water pollution control facilities, including applicable salaries and overheads for plant. Inhoratory, engineering, and supervisory personnel; materials and utilities; and other direct costs (at this location only):	s ¹ 4,1400	per yea
12. Annual manpower requirements in man-days for water pollution control (ou this location on	Per yen
A. Technical, including supervision	80	
B. Operating and maintenance	30	mun-days
C. Laboratory, excluding research and development	-0-	man-day s
D. Other (specify) (e.g., contracted)	-0-	man-days
Total	110	man-days
13. Economic incentives:		man-days
A. Is statutory tax relief available for water pollution abatement facilities with respect to:		
County and/or local taxes?	☐ Yes ☐ Yes	No R No
B. Have you benefited from tax exemption?	☐ Yes	☑ No
C. Would you favor such exemption(s)? If so, specify which type(s) would exert the greatest incentive:	X Yes	□ No
Date March 24, 1967		
Date March 24, 1967 Company DIAMOND ALK	CALI COMPANY	
NEWARK, NEW	JERSEY	
By F. GORDON	Alica d STEWARD)	······································

Please append any clarification or supplementary information you would like taken into account in connection with the information given.

THANK YOU FOR YOUR COOPERATION