

MEMO

NEW JERSEY STATE DEPARTMENT OF HEALTH

TO: Mr. Ernest R. Soggin

FROM: Mr. Christian T. Hoffman, Jr.

DATE: March 11, 1968

SUBJECT: Allied Chemical Corporation

100 North Avenue East

Elizabeth, New Jersey 07201

Recent inspections and samplings indicate that Allied is discharging a highly polluted effluent from its neutralization treatment plant (S-9-56-299, October 1, 1956). Monthly operating reports indicate that their monthly average flows vary between 0.7 and 1.2 mgd.

On March 7, 1968 the Elizabeth City Engineer told me that the North Avenue East wastewater sewer has been installed and will be operational upon the completion of a pumping station. He estimated that the remaining work will take about two (2) months. This wastewater sewer will service Allied Chemical Corporation.

In view of the above, I recommend that Allied be issued an Order with a 12 month or less schedule to connect their wastewater discharge to the municipal system.

Christian T. Hoffman, Jr.
Christian T. Hoffman, Jr.
Principal Public Health Engineer

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M3672

SP-12
Jan 64

NEW JERSEY STATE DEPARTMENT OF HEALTH
STREAM POLLUTION CONTROL PROGRAM
SURVEILLANCE REPORT

44-55

Valley: A.C.B. (); Del. (); Hack. (); I.S.C. (✓); Pas. (); Rar. ().

Municipality: Elizabeth

County: Union

Plant Name: Allied Chemical (New Chemical)

Location: North Ave (Mum & Bay)

Owner: Same as above

Licensed Operator: Herbert Albrecht

Person Interviewed: H Albrecht

Signature

H. J. Albrecht

Name of Treatment Process:

Neutralization

* Unit	Type	Remarks
Screening:		
Primary Sedimentation:	<u>Neutralization tanks</u>	
Oxidation:	<u>Line neutralizer</u>	
Sec. Sedimentation:	<u>None</u>	
Sep. Sludge Digestion:		
Sludge Handling:		
Chlorination:		
Residual	Sample #1 3-2-346 Sample #2 3-2-347	Immediate Feed 5 Minute

Evaluation of Plant Maintenance: Good

Average Daily Flow:

BAA000011

Effluent into:

Visual observation of Receiving Stream:

Special Remarks:

Treatment plant not open adequate
Due to filling of ditch will have to dig
new ditch

Revised plans submitted for changes in
treatment and enlargement of lagoons

Inspected By: H. J. Albrecht

Date: 3/1/65

* Items checked (✓) should be corrected as soon as possible and this office advised of said correction within 2 weeks of date of this report. Laboratory results will not be routinely forwarded.

NEW JERSEY STATE DEPARTMENT OF HEALTH
STREAM POLLUTION CONTROL PROGRAM

SURVEILLANCE REPORT

LABORATORY ANALYSES - EFFLUENT SAMPLES

Municipality: *Elizabeth*

Plant Name: *Alkied Chemical (Non Chemical Div.)*

Treatment: *Neutralization*
Primary (✓); Secondary (); Chlorination ().

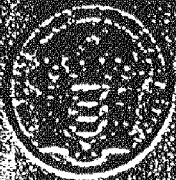
Sample No.	<i>S-21346</i>	<i>S-21347</i>	
Time Collected	<i>1.00</i>	<i>1.45</i>	
Suspended Solids	<i>340</i>	<i>518</i>	
Suspended Ash	<i>250</i>	<i>278</i>	
Suspended Volatile	<i>90</i>	<i>240</i>	
pH	<i>5.8</i>	<i>6.4</i>	
B.O.D.			
Field D.O.			
Free Ammonia			
Nitrates			
Coliforms MPN/100 ml			
<i>Reaction Ph 4</i>	<i>230 Alkaline</i>	<i>600 Alkaline</i>	
<i>C.O.D</i>	<i>312</i>	<i>351</i>	
<i>Ether Sol</i>	<i>Negative</i>	<i>6.00</i>	

Special Remarks:

Samples Collected By: *H. H. Hinchman*

Date: *3 / 1 / 65*

Results expressed in p.p.m. except pH and coliforms.



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WATER RESOURCES

JOHN FITZ PLAZA, P. O. BOX 1250, TRENTON, N.J. 08646

ORDER

WHEREAS, the Department of Environmental Protection Act of 1970, Chapter 33, Laws of New Jersey 1970, transferred all functions, powers and duties relating to water pollution heretofore exercised by the Department of Health and the Commissioner thereof to the Department of Environmental Protection and the Commissioner thereof; and


WHEREAS, The State Department of Environmental Protection of the State of New Jersey, has found through investigations made by its representatives that the industrial wastewater treatment plant owned and operated by Allied Chemical Corporation, in the City of Elizabeth, in the County of Union and State of New Jersey, is inadequate in capacity or unit design to properly care for, treat and dispose of the industrial wastewater received therein before an effluent from the said industrial wastewater treatment plant is discharged into the waters of Newark Bay, being waters of this State, thereby causing or threatening injury to the inhabitants of this State, either in their health, comfort or property; and

WHEREAS, The State Department of Environmental Protection of the State of New Jersey, in consideration of the aforesaid findings, is of the opinion that in order for the industrial wastewater to be properly, adequately and sufficiently treated at the said industrial wastewater treatment plant before an effluent is discharged to the said waters of the State, the said industrial wastewater treatment plant must be altered, added to or improved in a manner approved by the said Department of Environmental Protection; therefore

NOTICE IS HEREBY GIVEN by the State Department of Environmental Protection of the State of New Jersey, pursuant to R.S. 58:12-2 to the Allied Chemical Corporation, in the City of Elizabeth, in the County of Union and State of New Jersey, requiring that the said Allied Chemical Corporation must and shall, prior to December 1, 1971, alter, add to or improve the industrial wastewater treatment plant owned and operated by the Allied Chemical Corporation in order that the industrial wastewater received therein shall be cared for, treated and disposed of and the effluent discharged into Newark Bay in a manner approved by the State Department of Environmental Protection of the State of New Jersey.

NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION

BAA000014


Richard J. Sullivan
Commissioner



Chre, JSB

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY
DIVISION OF ENFORCEMENT FIELD OPERATIONS
Metro Bureau of Water and Hazardous Waste Enforcement
2 Babcock Place, West Orange, N.J. 07052
(201) 669-3900

June 30, 1993

Mr. J. Thomas Eck
Allied Signal, Incorporated
10 North Avenue East
Elizabeth, NJ 07201

mla

Re: Compliance Evaluation Inspection
Allied Signal, Incorporated
Fluorine Products Division
NJPDES No. NJ0003166
Elizabeth/Union County

Dear Mr. Eck:

A Compliance Evaluation Inspection of your facility was conducted by a representative of this Bureau on June 3, 1993. A copy of the completed inspection report form is enclosed for your information.

Your facility received a rating of "UNACCEPTABLE" due to the following deficiency:

The compliance evaluation inspection revealed that Allied Signal has an unpermitted overflow pipe from the lift station to the surface waters of the state which allows bypassing of the treatment system.

The deficiency noted above has placed your facility in significant violation of the terms and conditions of your NJPDES permit and/or the Water Pollution Control Act Regulations (N.J.A.C. 7:14A-1 et seq.). You are therefore DIRECTED to institute corrective measures. A written report concerning specific details to be instituted, as well as an implementation timetable, must be submitted to this Department and USEPA, Permits Administration Branch within fourteen (14) calendar days of the date of this correspondence.

In regards to the above deficiency, N.J.A.C. 7:14A-3.10(M) allows the permittee to bypass its treatment system for essential maintenance to assure efficient operation, but the discharge must be through the permitted outfall.

BAA000032



NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
CN 029, Trenton, N.J. 08625

DISCHARGE SURVEILLANCE REPORT



PERMIT # NS0003166 NO. OF DISCHARGES 1 (D2N002) CLASS Mag - Ind
DISCHARGER Allied Signal Inc. Fluorine Products Division
OWNER Allied Signal Inc.

MUNICIPALITY Elizabeth COUNTY Union WATERSHED CODE Newark Bay
LOCATION 10 North Ave East

RECEIVING WATERS Newark Bay STREAM CLASS TW-3

LICENSED OPERATOR & PLANT CLASS J. Thomas Eck, N-N

TRAINEE/ASSISTANT _____ OTHER INFO. (908) 558-5100
(908) 558-5140

DEFICIENCIES OR COMMENTS the facility has an unpermitted
(overflow) discharge point from the Lift
station

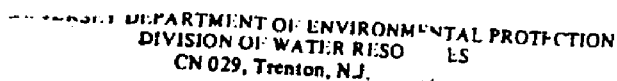
OVERALL RATING ☐ Acceptable ☐ Conditionally Acceptable ☒ Unacceptable

EVALUATOR Engr W. Garcia TITLE Sr Environmental Specialist

INFORMATION FURNISHED BY (Name) J. Thomas Eck / Geoff Sniwardena

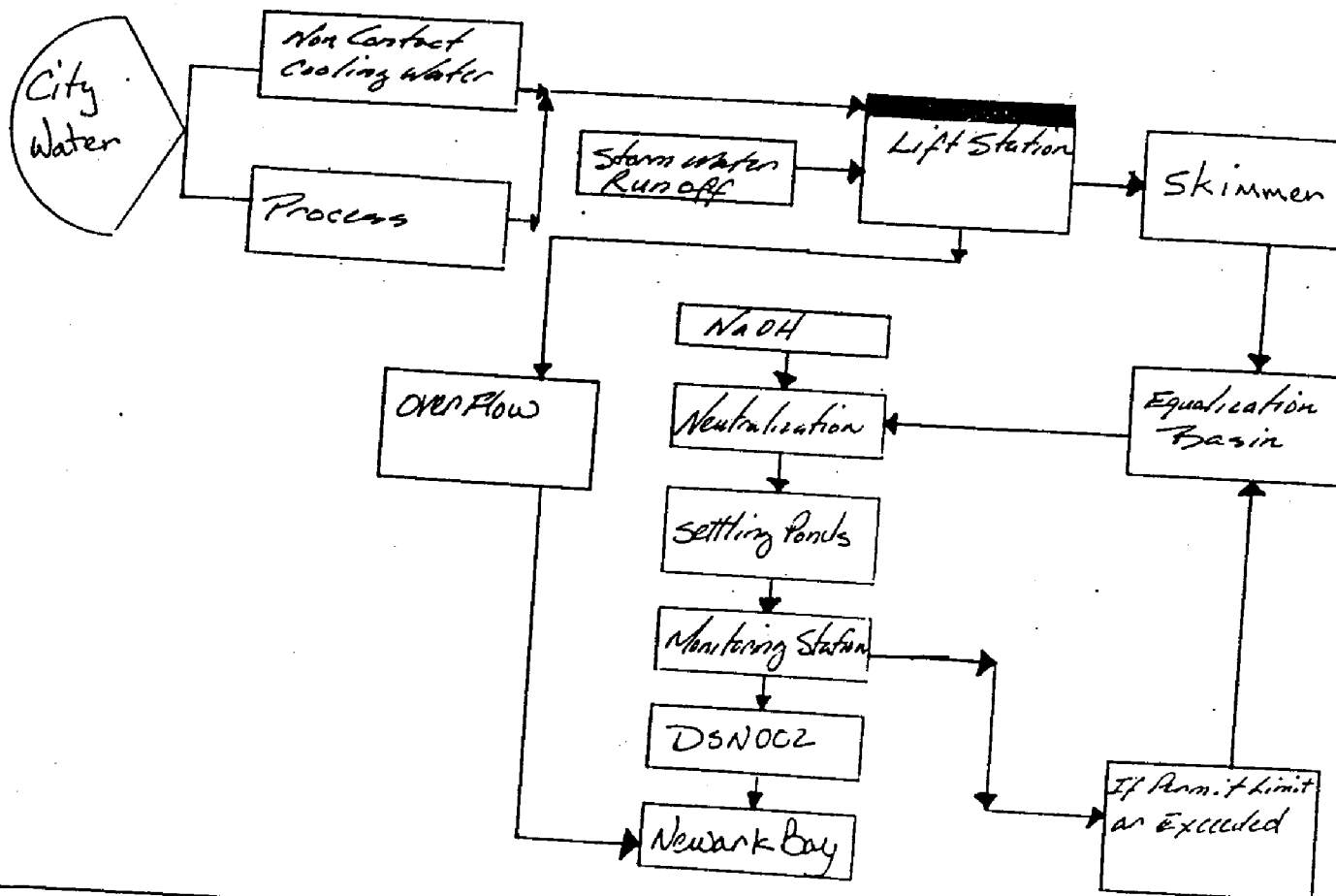
(Title) Supervisor Envtl Affairs (Organization) Allied Signal Inc.
Quality Assurance / Quality Control

DATE OF INSPECTION June 3, 1993



Date June 3, 196

PLANT DIAGRAM AND FLOW SEQUENCE:



SOURCE: DMR's + Lab Report.

DISCHARGE DATA

PERIOD: October 1, 1992 to April 30, 1993

DMR NUMBER	MONITORING PERIOD	VIOLATION TYPE	DSN No.	SAMPLE TYPE	PARAMETER	PERMIT LIMITS	DATA

* No Violations

RING DEFICIENCIES *None*

RING DEFICIENCIES *None*



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

AUG 24 2006

**GENERAL NOTICE LETTER
URGENT LEGAL MATTER
PROMPT REPLY NECESSARY
CERTIFIED MAIL-RETURN RECEIPT REQUESTED**

David M. Cote, Chief Executive Officer
Honeywell International, Inc.
101 Columbia Road
Morristown, New Jersey 07962

RE: Diamond Alkali Superfund Site, Newark Bay Study Area
Notice of Potential Liability

Dear Mr. Cote:

The United States Environmental Protection Agency ("EPA") is charged with responding to the release and/or threatened release of hazardous substances, pollutants, and contaminants into the environment and with enforcement responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended ("CERCLA"), 42 U.S.C. §9601 *et seq.* Based on the results of previous CERCLA remedial investigation activities and other environmental studies performed at the Diamond Alkali Superfund Site ("Site"), which includes the Lower Passaic River Study Area, EPA has decided to further expand the area of study to include Newark Bay and portions of the Hackensack River, the Arthur Kill, and the Kill Van Kull. This expanded area of the study is known as the Newark Bay Study Area. EPA has documented the release or threatened release of hazardous substances, pollutants and contaminants into the Newark Bay Study Area.

By this letter, EPA is notifying Honeywell International, Inc. of its potential liability relating to the Newark Bay Study Area of the Site pursuant to Section 107(a) of CERCLA, 42 U.S.C. §9607(a). Under CERCLA, potentially responsible parties ("PRPs") include current and past owners and operators, as well as persons who arranged for the disposal or treatment of hazardous substances, or the transport of hazardous substances. Based on information that EPA evaluated

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during the course of its investigation, EPA believes that hazardous substances were released from the former Allied Signal facility located at 10 East North Street, Elizabeth, New Jersey, into the Newark Bay Study Area. Hazardous substances, pollutants and contaminants released from the facility into the Newark Bay Study Area present a risk to the environment and the humans who may ingest contaminated fish and shellfish. Therefore, Honeywell International, Inc. may be potentially liable for response costs which the government may incur relating to the Newark Bay Study Area. In addition, responsible parties may be required to pay damages for injury to, destruction of, or loss of natural resources, including the cost of assessing such damages.

For the first phase of the Newark Bay Study, the EPA is proceeding with a multi-year study to determine an appropriate remediation plan for the Newark Bay Study Area. The study will involve investigation of environmental impacts and pollution sources, as well as evaluation of alternative actions, leading to recommendations of environmental remediation activities.

You are also requested to preserve and retain any documents now in your Company's or its agents' possession or control, that relate in any manner to your facility or the Site or to the liability of any person under CERCLA for response actions or response costs at or in connection with the facility or the Site, regardless of any corporate document retention policy to the contrary.

Enclosed is a list of the other PRPs who have received Notice letters. This list represents EPA's findings on the identities of PRPs to date. We are continuing efforts to locate additional PRPs who have released hazardous substances, directly or indirectly, into the Newark Bay Study Area. Exclusion from the list does not constitute a final determination by EPA concerning the liability of any party for the release or threat of release of hazardous substances into the Newark Bay Study Area. Be advised that notice of your potential liability at the Site may be forwarded to all parties on this list as well as to the Natural Resource Trustees.

We request that you participate in the EPA-approved activities underway as part of the Newark Bay Study. You, along with other such parties, will be expected to both participate in and fund this CERCLA study. For those who choose not to cooperate, EPA may apply the CERCLA enforcement process, pursuant to Sections 106(a) and 107(a) of CERCLA, 42 U.S.C. §9606(a) and §9607(a) and other laws.

In February 2004, EPA signed an Administrative Order on Consent (AOC) with Occidental Chemical Corporation (OCC) to conduct a multi-year remedial investigation/feasibility study in Newark Bay pursuant to CERCLA. This study is being conducted by Tierra Solutions, Inc. with EPA oversight. Tierra Solutions, Inc. is an affiliate of the company from which Occidental purchased Diamond Shamrock Chemicals (a former owner of a chemical plant at 80 Lister Avenue in Newark, New Jersey), and is performing the work pursuant to that company's indemnity obligation to Occidental. Be advised that notice of your potential liability is being forwarded to OCC by EPA.

We strongly encourage you to contact OCC to discuss your participation. You may do so by

contacting:

Carol E. Dinkins, Esq.
Vinson & Elkins LLP
First City Tower
1001 Fannin Street, Suite 2300
Houston, TX 77002-6760
Tel. (713) 758-2528
Fax (713) 615-5311
cdinkins@velaw.com

Written notification should be provided to EPA documenting your intention to participate with OCC and settle with EPA no later than 30 calendar days from your receipt of this letter. The result of any agreement between EPA and your company will need to be memorialized in an AOC. Your written notification should be mailed to:

Amelia M. Wagner, Esq.
Assistant Regional Counsel
U.S. Environmental Protection Agency
290 Broadway, 17th Floor
New York, NY 10007-1866

Pursuant to CERCLA Section 113(k), EPA must establish an administrative record that contains documents that form the basis of EPA's decision on the selection of a response action for a site. The administrative record files along with the Site file are located at EPA's Region 2 office located at 290 Broadway, New York, NY on the 18th floor. You may call the Records Center at (212) 637-4308 to make an appointment to view the administrative record and/or the Site file for the Diamond Alkali Site, Newark Bay.

Inquiries by counsel or inquiries of a legal nature should be directed to Ms. Wagner at (212) 637-3141. Questions of a technical nature should be directed to Elizabeth Butler, Remedial Project Manager, at (212) 637-4396.

Sincerely yours,



Ray Basso, Strategic Integration Manager
Emergency and Remedial Response Division

Enclosure

cc: Peter M. Kreindler, General Counsel

PARTIES RECEIVING EPA GENERAL NOTICE LETTER

David M. Cote, Chief Executive Officer
Honeywell International, Inc.
101 Columbia Road
Morristown, New Jersey 07962

President
Prentiss, Inc.
C.B. 2000
Floral Park, New York 11001

Mr. Ralph Izzo, President
Public Service Electric & Gas
80 Park Plaza
Newark, New Jersey 07102

Daryl D. Smith, President
Troy Chemical Corporation
8 Vreeland Road
P.O. Box 955
Florham Park, New Jersey 07932