COMMONWEALTH of VIRGINIA

Department of Health
Richmond, Va. 23219

JAMES B. KENLEY, M.D.
COMMISSIONER

Preliminary Assessment of
Swift Agricultural Chemical Company
Virginia Site 66

prepared for

U. S. Environmental Protection Agency, Region III
Sixth and Walnut Streets
Philadephia, Pennsylvania 19106

prepared by

Bureau of Solid Waste Management
Virginia State Health Department
Richmond, Virginia

April, 1984

VDH
Virginia Department of Health

ORIGINAL
(Red)

COMMONWEALTH of VIRGINIA

Department of Health
Richmond, Va. 23219

JAMES B. KENLEY, M.D.
COMMISSIONER

April 9, 1984

Darius C. Ostrauskas
Environmental Scientist
USEPA - Region III
Sixth and Walnut Streets
Philadelphia, PA 19106

Dear Darius:

Attached is a draft of our report, "Preliminary Assessment of Swift Agricultural Chemical Company, Virginia Site 66."

If you have any questions or comments regarding the contents of this report, please call.

Sincerely,

Berry F. Wright, Jr., P.E.
Acting Director
Bureau of Solid Waste Management

BFW/RCW/KLG/mcw

Attachment

VDH
Virginia Department of Health

ORIGINAL
(Red)

COMMONWEALTH of VIRGINIA

Department of Health
Richmond, Va. 23219

JAMES B. KENLEY, M.D.
COMMISSIONER

April 9, 1984

Darius C. Ostrauskas
Environmental Scientist
USEPA - Region III
Curtis Building
Sixth and Walnut Streets
Philadelphia, PA 19106

Dear Darius:

After a review of available federal and State files and conducting a facility visit on April 2, 1984, and in consideration of information gained from a conversation with the Operations Manager of the facility, Mr. Burke Craver, recommendation is made to withdraw Swift Agricultural Chemical Company (Virginia Site 66) from the ERRIS listing and classify this site for "No Further Action."

Since many of the parameters required for an in-depth Preliminary Assessment such as reported hazardous wastes, possible offsite migration pathways, and population and resources that could be affected did not apply to Swift Agricultural Chemical Company, we have not developed a full preliminary assessment report. We have attached the EPA Preliminary Assessment Form (2070-2) to ensure consistency of approach and to provide a medium for documenting your decision on proceeding to the "No Further Action" status.

The site is presently owned by Estech, Inc., based in Chicago, Illinois. Estech, Inc. is owned by the Esmark Corporation based also in Chicago, Illinois. Swift Agricultural Chemical Company was purchased by Estech, Inc. in 1978. The facility, both in the past and present, is a manufacturer of pelletized fertilizer. Data information was not listed on either NOTIS or ERRIS for this facility. Eckhardt notification stated presence of an on-site lagoon holding waste inorganic salts. This lagoon has been upgraded to a cement-lined tank. This upgrading is not reflected in the aerial photo on page 7. Mr. Craver stated that at no time in the past or present has the facility generated hazardous waste.

If you have any questions or comments regarding the contents of this report, please advise.

Sincerely,

Berry F. Wright, Jr., P.E.
Acting Director
Bureau of Solid Waste Management

BFW/RCW/KLG/mcw
Attachment

VDH
Virginia Department of Health

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EPA

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION	SITE NUMBER (to be assigned by Hq)
III	VA-66

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II *(Preliminary Assessment)*. File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force *(EN-335)*; 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME: Swift Agricultural Chemical Company

B. STREET *(or other identifier)*: P. O. Box 1609

C. CITY: Suffolk

D. STATE: VA

E. ZIP CODE: 23234

F. COUNTY NAME: Nansemond

G. OWNER/OPERATOR *(if known)*

1. NAME: Esmark Corporation, 55 E. Monroe St., Chicago, IL 60603

2. TELEPHONE NUMBER: (312) 322-8308

H. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

I. SITE DESCRIPTION

Active fertilizer manufacturing plant.

J. HOW IDENTIFIED *(i.e., citizen's complaints, OSHA citations, etc.)*

Virginia State First Priority Preliminary Assessments List

K. DATE IDENTIFIED *(mo., day, & yr.)*: "N/A"

L. PRINCIPAL STATE CONTACT

1. NAME: B. F. Wright, Jr., Va. State Health Dept., Solid Waste Mgt.

2. TELEPHONE NUMBER: (804) 225-2822

II. PRELIMINARY ASSESSMENT *(complete this section last)*

A. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☐ 2. MEDIUM ☐ 3. LOW ☒ 4. NONE ☐ 5. UNKNOWN

B. RECOMMENDATION

☒ 1. NO ACTION NEEDED *(no hazard)*

☐ 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR: _____
b. WILL BE PERFORMED BY: _____

☐ 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR: _____
b. WILL BE PERFORMED BY: _____

☐ 4. SITE INSPECTION NEEDED *(low priority)*

C. PREPARER INFORMATION

1. NAME: R. C. Wichser, K. L. Greene

2. TELEPHONE NUMBER: (804) 225-2835, (804) 225-2802

3. DATE *(mo., day, & yr.)*: April, 1984

III. SITE INFORMATION

A. SITE STATUS

☒ 1. ACTIVE *(Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)*

☐ 2. INACTIVE *(Those sites which no longer receive wastes.)*

☐ 3. OTHER *(specify)*: _____ *(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)*

B. IS GENERATOR ON SITE?

☒ 1. NO ☐ 2. YES *(specify generator's four-digit SIC Code)*: _____

C. AREA OF SITE *(in acres)*: 2.1 acres

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES

1. LATITUDE *(deg.-min.-sec.)*: 42°30'45"

2. LONGITUDE *(deg.-min.-sec.)*: 76°35'29"

E. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO ☒ 2. YES *(specify)*: Refer to photographs.

T2070-2 (10-79)

Continue On Reverse

ORIGINAL (Red)

Continued Front

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

'X'	A. TRANSPORTER	'X'	B. STORER	'X'	C. TREATER	'X'	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION		1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS. TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
	"N/A"		"N/A"		7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		"N/A"
					"N/A"		

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

Facility is an active manufacturer of pelletized fertilizer.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☐ 2. LIQUID ☐ 3. SOLID ☐ 4. SLUDGE ☐ 5. GAS "N/A"

B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☐ 2. CORROSIVE ☐ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE
☐ 6. TOXIC ☐ 7. REACTIVE ☐ 8. INERT ☐ 9. FLAMMABLE

☐ 10. OTHER (specify): "N/A"

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

"N/A"

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
'X' (1) PAINT, PIGMENTS	'X' (1) OILY WASTES	'X' (1) HALOGENATED SOLVENTS	'X' (1) ACIDS	'X' (1) FLYASH	'X' (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW	"N/A"	(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE		"N/A"	(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
"N/A"			(6) CYANIDE	(6) OTHER (specify):	"N/A"
			(7) PHENOLS	"N/A"	
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify)		
			"N/A"		

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(Red)

V. WASTE RELATED INFORMATION *(continued)*

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE *(place in descending order of hazard)*.

"N/A"

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

"N/A"

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD *(mark 'X')*	C. ALLEGED INCIDENT *(mark 'X')*	D. DATE OF INCIDENT *(mo., day, yr.)*	E. REMARKS
1. NO HAZARD	XXXX			
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER *(specify)*:				

Continue On Reverse

Continued From Front

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VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- [ ] 1. NPDES PERMIT
- [ ] 2. SPCC PLAN
- [x] 3. STATE PERMIT (specify): SWCB No Discharge Permit
- [ ] 4. AIR PERMITS
- [ ] 5. LOCAL PERMIT
- [ ] 6. RCRA TRANSPORTER
- [ ] 7. RCRA STORER
- [ ] 8. RCRA TREATER
- [ ] 9. RCRA DISPOSER
- [ ] 10. OTHER (specify):

B. IN COMPLIANCE?

- [ ] 1. YES
- [ ] 2. NO
- [x] 3. UNKNOWN
- 4. WITH RESPECT TO (list regulation name & number):

VIII. PAST REGULATORY ACTIONS

- [x] A. NONE
- [ ] B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

- [ ] A. NONE
- [x] B. YES (complete items 1,2,3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Superfund	April 1984	State - VA	Assess Potential Hazardous Waste Site.

X. REMEDIAL ACTIVITY (past or on-going)

- [x] A. NONE
- [ ] B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment *(Section II)* information on the first page of this form.

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(Red)

FIELD TRIP SUMMARY REPORT

This summary should be prepared in conjunction with the Preliminary Assessment Form, (EPA Form T2070-2), so that a proper site rating can be assigned.

Name of Site Swift Agricultural Chemical Company

EPA Case Number VA-66

I. If site is active, has owner/operator notified EPA in accordance with Section 3010 of RCRA. Yes _____ No XX

If Yes: a) Note EPA I.D. No. _____

b) Is the site a generator, storer, treater or disposer of hazardous waste? (CIRCLE ONE).

II. If the answers submitted in Part VI (Hazard Description) of EPA Form T2070-2 or observations warrant a more thorough site investigation/sampling, please attach a sketch map showing those areas of concern. (i.e.: lagoons, leachate seeps, drum storage, monitoring wells, etc.).

III. Please list site contacts and accompanying inspectors; include name, title and phone numbers.

Mr. Burke Craver, Operations Manager, (804) 539-1567

Mr. Kevin Greene, Hazardous Waste Inspector, (804) 225-2802

Mr. Robert Wichser, Hazardous Waste Inspector, (804) 225-2835

IV. Site observations: (attach a topo map).

A. Population within 1000 ft. of the site is (CHECK ONE)

✓ 1. 0-10 people
2. 10-100 people
3. greater than 100 people

B. List surrounding land use: (woodlot, agricultrual, playground, industrial,etc.)

North: woodlot

South: cemetary

East: woodlot

West: woodlot

ORIGINAL (Red)

FIELD TRIP SUMMARY REPORT

C. Water supply for area. (CHECK ONE) "N/A"

1. Surface intakes (locate on attached map)
2. Municipal wells (locate on attached map)
3. Domestic wells:

a. Approximate number within ¼ mile. _____

b. Locate a minimum of 3 wells on attached map and list below:

Property owner	_____	_____	_____
Address	_____	_____	_____
Phone No.	_____	_____	_____
Well records	YES___ NO___	YES___ NO___	YES___ NO___
Odor problems	YES___ NO___	YES___ NO___	YES___ NO___
Taste problems	YES___ NO___	YES___ NO___	YES___ NO___

c. If odor or taste problems are reported please elaborate: _____

_____

_____

D. Are surface or subsurface, (leachate), drainage areas from site apparent? YES____ NO XX . If yes:

1. Were unusual odors or stains noted? YES____ NO XX
2. Was stressed vegetation noted? YES____ NO XX

a. If yes please note area on map.

E. Are streams or receiving waters adjacent to site? YES____ NO XX
If yes, list observations: (i.e.-change in benthic community, change in plant density/diversity, change in color, siltation, etc.). _____

_____

_____

_____

F. Site topography: (i.e.-plateau, strip mine ravines, etc.). Flat.

_____

G. Other observations: (i.e.-erosion, located in flood plain, etc.). "N/A"

_____

_____

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(Red)

FIELD TRIP SUMMARY REPORT

V. Were photographs taken? YES XX NO ____
If yes: Who has custody of photos?

Name: Bureau of Solid and Hazardous Waste Management

Agency: Virginia State Dept. of Health

Phone No.: (804) 225-2802

VI. Is a hydrogeological survey for this site attached? YES ____ NO XX
If no, Section III D of EPA Form T2070-2 must be completed.

VII. Please attach pertinent copies of reports or data reviewed by inspector:
(i.e.-State monitoring data, consultant reports, etc.).

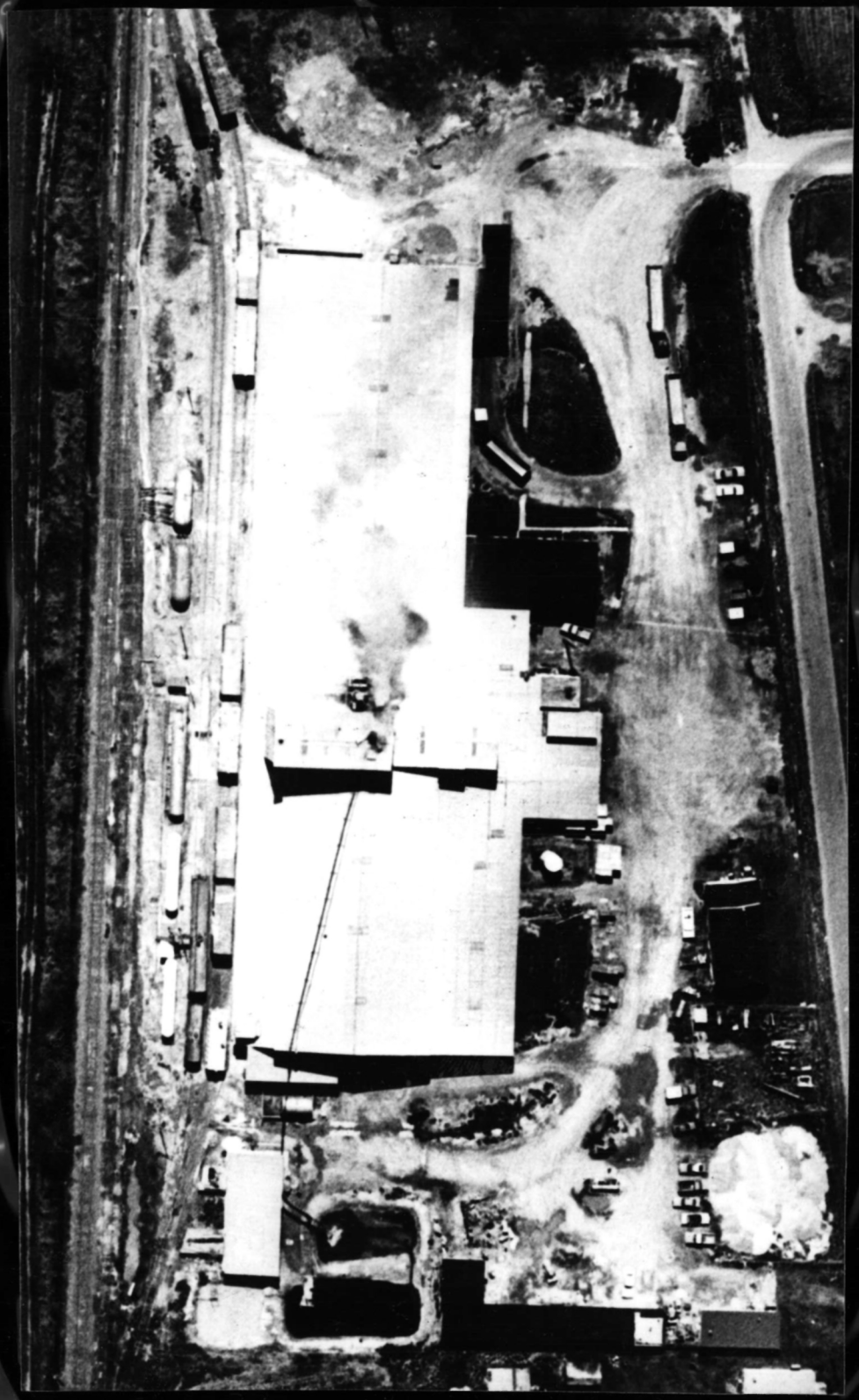
VIII. Name of Inspector: K. Greene, R. C. Wichser

Agency: Va. State Dept. of Health, Bur. of Solid & Hazardous Waste Mngt.

Phone No.: (804) 225-2835/2802

Time on Site: 9:30 a.m. - 12:00 noon; April 2, 1984

Weather Conditions: Sunny and cool.



Swift Agricultural
Chemical Company
VA-66
aerial view

ORIGINAL
(Red)

Smith UA-66

VIRGINIA DEPARTMENT OF HIGHWAYS AND TRANSPORTATION

Enl. Scale 1" = 100' Approx.

Date Flown 3-27-80

Neg. No. 5-133-633-(396)

Neg. Scale 1" = 1000' Approx.

Swift Agricultural
Chemical Company
VA-66
Front of Plant

ORIGINAL (Red)

Swift Agricultural
Chemical Company
VA-66
Receiving Area

ORIGINAL (Red)

VA-66
Front of Plant

Kevin L. Greene

KEVIN L. GREENE

4-2-84

VA-66
Receiving Area

Kevin L Greene

KEVIN L GREENE

4-2-84

Swift Agricultural
Chemical Company
VA-66
Shipping Area

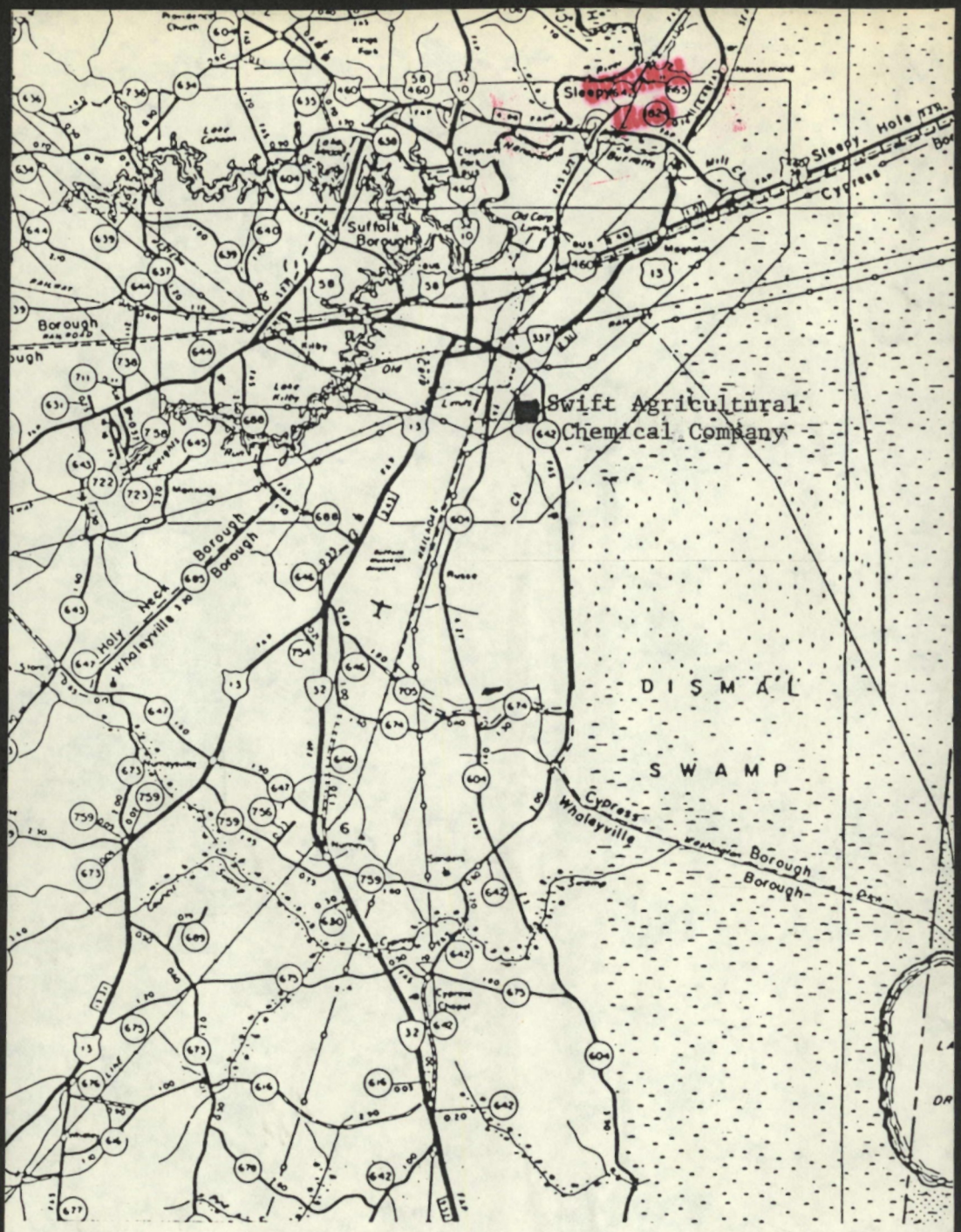
ORIGINAL (Red)

Swift Agricultural
Chemical Company
VA-66
Product Storage

ORIGINAL (Red)

VA-66
Shipping Area
Kevin L. Greene
KEVIN L GREENE
4-2-

VA-66
Product Storage
Kevin L. Greene
KEVIN L GREENE
4-2-



SCALE 1:24000

SITE LOCATION PLAN

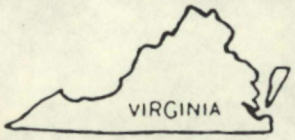
Swift Agricultural Chemical Company

Suffolk, VA

taken from

Suffolk

Virginia Quadrangle



QUADRANGLE LOCATION