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Site Name (Subject): SMITH FARM COLFAX #3

Site ID (Document ID): NCD980503114

Document Name (DocType): Correspondence (C)

Report Segment:

Description: General Correspondence, 1980 - 1995

Date of Document: 8/22/1995

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Access Level: PUBLIC

Division: WASTE MANAGEMENT

Section: SUPERFUND

Program (Document Group): SERB (SERB)

Document Category: FACILITY

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**EPA DID NOT MAIL
TO FACILITY**

DATE: August 22, 1995
SUBJECT: REMOVAL FROM EPA'S CERCLIS INVENTORY
FROM: Matthew J. Robbins, Brownfields Coordinator
Waste Management Division, Region IV

TO: SMITH FARM COLFAX #3
RT 2
COLFAX
NC 27235

EPA has identified the Brownfields Initiative as one of the Agency's top priorities. The term "brownfields" refers to previously used properties that may lie vacant because potential contamination makes them unmarketable to the private sector. EPA has recently announced a comprehensive Brownfields strategy, including Pilot grants to municipalities, to stimulate economic revitalization.

One part of the strategy has been for EPA to review its complete inventory of Superfund sites. These sites have been screened and determined to require no remedial action under the Federal Superfund Program based on information available as well as on conditions and policies that currently exist. This is to notify you that EPA has removed your facility from EPA's computer inventory known as CERCLIS. THIS DOES NOT INDICATE THAT THE STATE HAS MADE A SIMILAR DETERMINATION.

If you have any questions, please call me at 404/347-5059 ext. 6214.

cc: State Agency

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION IV

To: NC ✓

Site Name: Smith Farm Colfax #3

EPA ID#: NCD 980 503 114

Alias Site Names: _____

PRINTED
OCT 21 1994
SUPERFUND SECTION

City: Colfax

County or Parish: Guilford

State: NC

Refer to Report Dated: July 5, 1994

Report type: SIP

Report developed by: Corry T. Platt, BVWS

DECISION:

1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:

1a. Site does not qualify for further remedial site assessment under CERCLA
(No Further Remedial Action Planned - NFRAP)

1b. Site may qualify for further action, but is deferred to: RCRA NRC

2. Further Assessment Needed Under CERCLA: 2a. (optional) Priority: Higher Lower

2b. Activity Type: PA SI ESI HRS evaluation

Other: _____

DISCUSSION/RATIONALE: The contaminant associated with this site is calcium hydroxide, which is not a CERCLA eligible contaminant. Therefore, a disposition of no further action was assigned.

Report Reviewed and Approved by: Cynthia K. Gurley Signature: Cynthia Gurley Date: 09/23/94

Site Decision Made by: Cynthia K. Gurley Signature: Cynthia Gurley Date: 09/23/94



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

OCT 19 1994

OCT 21 1994

4WD-WPB

Ms. Pat DeRosa, Head
CERCLA Branch
North Carolina Department of Environment,
Health and Natural Resources
Division of Solid Waste Management
P.O. Box 27687
Raleigh, North Carolina 27611-7687

Dear Ms. DeRosa:

The following reports have recently been reviewed and accepted by EPA - Region IV Site Assessment Section:

Preliminary Assessments

Pinewood Dump Site
Wayne County
NCD 986 188 043

No Further Remedial Action
Planned (NFRAP).

Site Inspections

Old Mount Holly Road PCE Site
Mecklenburg County
NCD 986 172 518

Further Action (FA).

Spann Property
Henderson County
NCD 986 180 917

NFRAP

Site Inspection Prioritizations (SIPs)

Athol Manufacturing Corp.
Granville County
NCD 072 003 635

NFRAP

Gulf Oil Corporation
Guilford County
NCD 067 437 400

NFRAP

H & S Processors, Inc. Lincoln County NCD 049 772 023	NFRAP
Helena Chemical Company Halifax County NCD 980 483 275	NFRAP
Hope Mills Landfill Cumberland County NCD 980 502 983	NFRAP
Kaiser Fertilizer Plant Columbus County NCD 980 842 470	NFRAP
Rhoder Drive Wells Union County NCD 986 176 030	NFRAP
Rowland Landfill Wake County NCD 065 300 113	NFRAP
Smith Farm Colfax #3 Guilford County NCD 980 503 114	NFRAP
Waxhaw Storage Tanks Union County NCD 981 030 836	NFRAP

Expanded Site Inspections

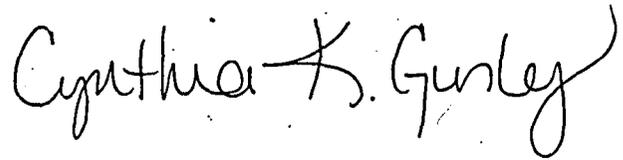
Davis Park Road TCE Site Gaston County NCD 986 175 644	FA
--------------------------------------------------------------	----

Enclosed please find the Remedial Site Assessment Decision Forms for each report generated by the North Carolina Superfund program and a copy of the actual report generated by the EPA Contractor.

In addition, I have enclosed a copy of the CERCLA Site Status Report for North Carolina.

If you have any questions concerning these site decisions,
please call me at (404) 347-5059, Extension 6150.

Sincerely,

A handwritten signature in cursive script that reads "Cynthia K. Gurley". The signature is written in dark ink and is positioned to the right of the typed name.

Cynthia K. Gurley
North Carolina, PO

Enclosures

TQ: NC



BLACK & VEATCH Waste Science, Inc.

The Curtis Center, Suite 705, 601 Walnut Street, Philadelphia, Pennsylvania 19106-3307, (215) 928-0700, Fax: (215) 928-1780

U.S. Environmental Protection Agency
Smith Farm Colfax #3

RECEIVED
OCT 21 1994
SUPERFUND RECORD

BVWS Project 52012.230
BVWS File D
July 5, 1994

Mr. Narindar Kumar
Chief, Site Assessment Section
U.S. Environmental Protection Agency
345 Courtland Street, N.E.
Atlanta, Georgia 30365

SEP 30 1994

DATE REPORT ACCEPTED 9-23-94
DISPOSITION WFRAP
SAM SIGNATURE Cynthia Guseley

Subject: Site Inspection Prioritization
Smith Farm Colfax #3
Colfax, Guilford County, NC
EPA ID. No. NCD980503114

Dear Mr. Kumar:

BLACK & VEATCH Waste Science, Inc. has been tasked by the U.S. Environmental Protection Agency (EPA), to conduct a Site Inspection Prioritization at the Smith Farm Colfax #3 (EPA ID. No. NCD980503114) site located on Rt. 2, Colfax, Guilford County, North Carolina.

The Smith Farm Colfax #3 site is located in a rural area of Guilford County. A 0.5 acre holding pond onsite was used between 1973 to 1979 for disposal of a calcium hydroxide slurry (10% calcium hydroxide and 90% water) from Air Products Company in Greensboro, NC. This waste was generated as a byproduct of acetylene production. The pond was reportedly closed in 1979. No known environmental samples have been collected from this site. Information available in the site file did not suggest the presence of CERCLA eligible contaminants onsite. The contaminant associated with this site, calcium hydroxide, is not a CERCLA eligible contaminant; therefore, a waste source can not be established.

No further action is recommended for the Smith Farm Colfax #3 site, as there are no CERCLA eligible contaminants associated with the site.

Very truly yours,

BLACK & VEATCH Waste Science, Inc.

Corry T. Platt
Corry T. Platt
Site Manager

cc: Mr. Victor Blix, BVWS-Atlanta

BLACK & VEATCH Waste Science, Inc.
Philadelphia Office

TELEPHONE MEMORANDUM

U.S. EPA - Region IV
Smith Farm Colfax #3
Guidance on Smith Farm Colfax #3

B&V Project 52012.230
B&V File C
June 14, 1994
1500h

To: Craig Benedikt
Company: U.S. EPA
Phone No.: (404)347-5065 x6150

Recorded by: Corry T. Platt *CTP*

I called Craig to discuss the Smith Farm Colfax #3 site. I explained that the site file included only a Preliminary Assessment and that this report stated that a pond onsite was used to deposit calcium hydroxide, a non-CERCLA eligible contaminant, between 1973 and 1979. It is believed that the pond has since been closed and no samples have been collected from this site. The PA recommended that either sampling of the site be conducted and CERCLA eligible contaminants hopefully be detected, or that a no further action decision be given to this site.

I asked Craig what my next step should be. He said that we should write a letter report for this site, summarizing site activities and stating that no known CERCLA eligible contaminants are associated with this site, and submit the letter as the deliverable.

Site Name: Smith Farm Colfax #3
 Site Number: NCD 980 503 114
 Site Location: Colfax, N.C.
 Guilford County
 Latitude: 36 07 49.0
 Longitude: 80 00 16.5
 Date: July 06, 1992

Calculation Results

Distance from Site Location	Population		Number of Households	
	Per Ring	Cumulative	Per Ring	Cumulative
0 to 1/4 mile	34	34	14	14
>1/4 to 1/2 mile	87	121	35	49
>1/2 to 1 mile	328	449	124	173
>1 to 2 miles	1,354	1,803	513	686
>2 to 3 miles	3,368	5,171	1,295	1,981
>3 to 4 miles	8,597	13,768	3,437	5,418

Note: The populations and number of households within specified target distance rings were calculated for the NC Superfund Section by the NC State Center for Geographic Information and Analysis using the 1990 US Census data. These values were calculated by summing the population and the number of households data for each census block located within each target ring. For census blocks lying only partially within the ring, the per cent area of the block within the ring was multiplied by the population and household densities of the block.

LATITUDE AND LONGITUDE CALCULATION WORKSHEET #2
LI USING ENGINEER'S SCALE (1/60)

SITE NAME: Smith Farm Colfax #3 CERCLIS #: UCD.980503114

AKA: NA SSID: NA

ADDRESS: Rt. 2

CITY: Colfax STATE: N.C. ZIP CODE: 27235

SITE REFERENCE POINT: Center of pond

USGS QUAD MAP NAME: Belews Creek TOWNSHIP: - N/S RANGE: - E/W

SCALE: 1:24,000 MAP DATE: 1986 SECTION: - 1/4 - 1/4 - 1/4

MAP DATUM: (1927) 1983 (CIRCLE ONE) MERIDIAN: -

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 7.5' MAP (attach photocopy):

LONGITUDE: 80° 00' 00" LATITUDE: 36° 07' 30"

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 2.5' GRID CELL:

LONGITUDE: 80° 00' 00" LATITUDE: 36° 07' 30"

CALCULATIONS: LATITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM LATITUDE GRID LINE TO SITE REF POINT: 57

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

$$A \times 0.3304 = \underline{18.83"}$$

C) EXPRESS IN MINUTES AND SECONDS (1' = 60"): 0° 18' 83"

D) ADD TO STARTING LATITUDE: 36° 07' 30.0" + 0° 19' 0" =

SITE LATITUDE: 36° 07' 49.0"

CALCULATIONS: LONGITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM RIGHT LONGITUDE LINE TO SITE REF POINT: 50

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

$$A \times 0.3304 = \underline{16.52"}$$

C) EXPRESS IN MINUTES AND SECONDS (1' = 60"): 0° 16' 52"

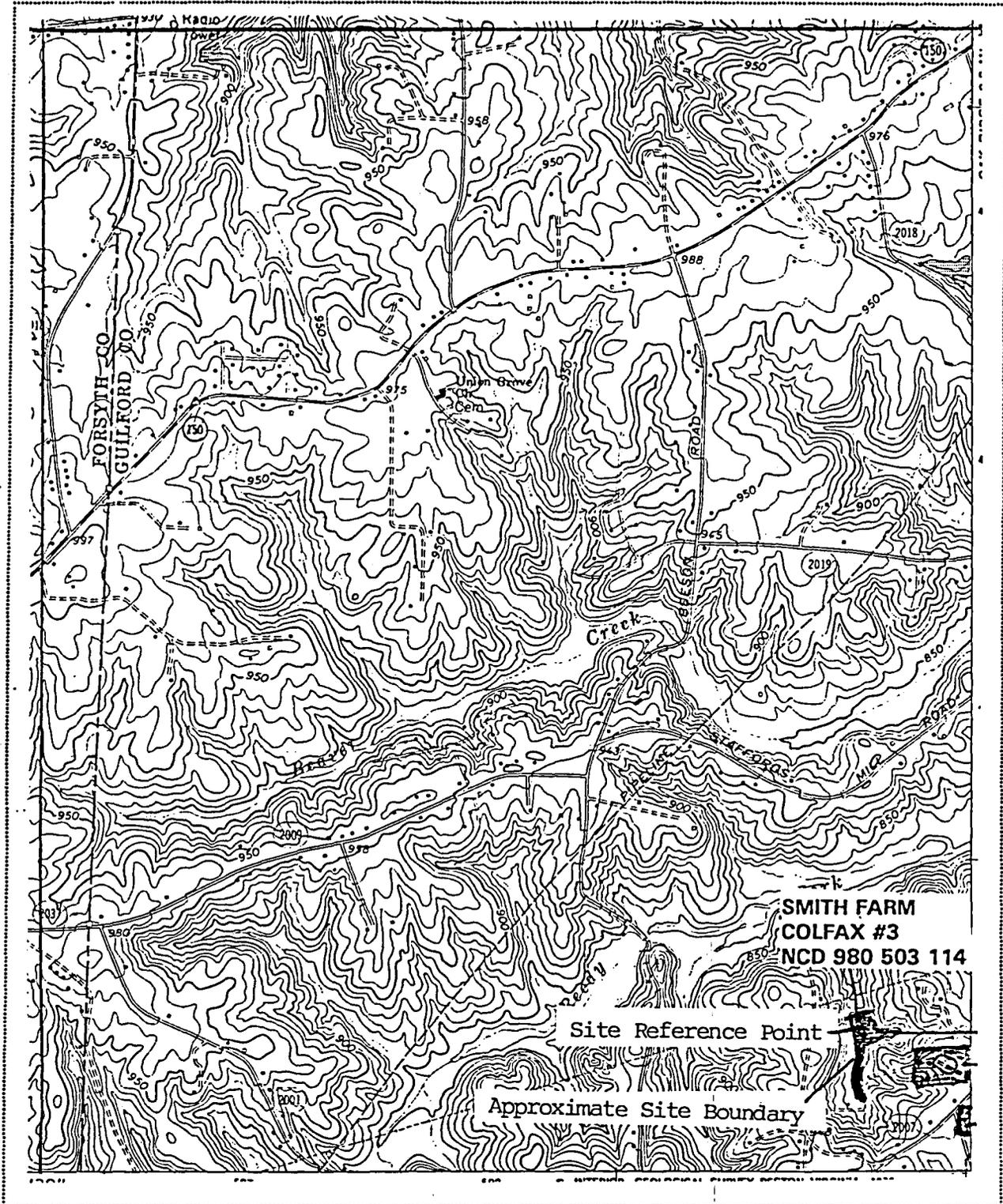
D) ADD TO STARTING LONGITUDE: 80° 00' 00.0" + 0° 16' 5" =

SITE LONGITUDE: 80° 00' 16.5"

INVESTIGATOR: Jack Butler DATE: 13 May 1992

SITE NAME: Smith Farm Colfax #3

NUMBER: NCD 980503114



TOPOGRAPHIC MAP QUADRANGLE NAME: Belews Creek

SCALE: 1:24,000

COORDINATES OF LOWER RIGHT-HAND CORNER OF 2.5-MINUTE GRID:

LATITUDE: 36° 07' 30" LONGITUDE: 80° 00' 00"

Carolina CLIPPING SERVICE
1115 HILLSBORO
RALEIGH, NC 27603
TEL. (919) 833-2079

MORNING STAR
WILMINGTON, N. C.

FEB 25-89

Parkway route must veer to avoid waste

By James Drew
and Janet Olson
Staff Writers

Environmental tests have confirmed the presence of hazardous wastes in the proposed path of the Smith Creek Parkway, so state highway planners say they must consider shifting the route south.

That means planners must go back to trying to snake the \$72.5 million project through a narrow corridor bounded by neighborhoods, businesses and Smith Creek.

The shift would move the parkway closer to N.C. Film Studios and the Love Grove and Brooklyn neighborhoods.

"At the landfill site, the DOT design staff has worked out an alternative route that avoids the largest landfill," City Manager Bill Farris wrote in a memo to City Council members. "... If it is cost-effective, the route will be changed. ... Obviously, consideration of the impact of the highway on the movie studio site will again be an issue as alternatives are sought."

Burton M. Bassett, an engineer with the Raleigh firm conducting the parkway's supplemental environmental impact statement, said the southern route will be analyzed and compared with the current proposed path through the former city landfill, which is roughly bounded by Smith Creek to the north, a railroad track to the south and east, and McRae Street to the west.

The 7.7-mile, four-lane parkway from downtown Wilmington to Eastwood Road is designed to relieve congestion on Market Street and handle Interstate 40 traffic.

Planners already shifted the route one year ago to move the parkway away from Corning Glass Works on North College Road and the film studios on North 23rd Street. The parent company of the studios, the De Laurentiis Entertainment Group, had said construction of the parkway would force the studios to leave Wilmington. Noise from construction and traffic would disrupt filming at the studios, DEG said.

But now that hazardous wastes have been found along the route, state planners say the parkway will have to be moved south again.

An engineering firm studied soil samples from three waste sites on the route: an underground storage tank and a covered drainage lagoon at the former Caro-Knit textile plant on North 23rd Street, the old city dump and another former dump directly west of Burnt Mill Creek that belonged to a factory.

Groundwater samples from the dumps show contamination by lead, chromium, cadmium, mercury, phenolics and cyanide.

The engineering firm, Law Environmental, has recommended that the hazardous

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Wilmington city manager

waste at the Caro-Knit plant be left undisturbed, said William G. Marley, assistant highway administrator for the state Department of Transportation.

Highway planners think they can move the parkway south, which would put it between the Caro-Knit plant and the film studio. Marley said he is unsure how the move would affect the studio.

"Whether we are increasing the involvement of DEG or not, I don't know," he said. "... We feel like we can get through there. ... We can do something to shield the studio from noise and traffic."

Planners do not think they can shift the parkway away from the abandoned factory dump site, Marley said, because there is not enough distance for a realignment between the dump site and the Caro-Knit plant. Engineers are trying to find "an innovative design" that would enable them to route the parkway directly over the dump, he said.

At the third waste site, the old city dump, planners are studying two alternatives — routing the parkway either directly over or south of the dump, Marley said.

A design that would take the parkway over the dumps probably would include a combination of building bridges and "compacting the landfill in place without digging it out," Marley said.

Engineers are expected to complete their routing study by mid-summer, Marley said, and state officials will then determine how much the changes will add to the parkway's cost.

State Transportation Board member Tommy Pollard, who represents Wilmington, has said the parkway's cost might at some point exceed its benefit.

But state officials say they are not ready to abandon the project.

Because of the delays in routing the parkway, right-of-way purchases are about six months behind schedule. But once a route is chosen, Marley said, he thinks DOT officials can make up that time so that construction of the parkway — scheduled to start in 1992 — would not be delayed.

Greensboro News & Record

Robert D. Benson, President and Publisher

Ben J. Bowers, Vice President and Executive Editor

John R. Alexander, Editorial Page Editor

Ned Cline, Managing Editor

Sunday, February 19, 1989

E2

Editorials

Return of the Blob

If Hollywood were to make a movie of North Carolina's hazardous waste travails, it would have to be a grade-B flick named something like "Return of the Blob." Subtitle: "Can they stop this deadly mess before it oozes out of control?" Featuring: Gov. Jim "Let me do it" Martin, a cast of frustrated legislators, wary environmentalists and angry townspeople. Special cameo appearance by South Carolina Gov. Carroll Campbell.

To be accurate, such a movie would have to flop, as North Carolina's attempts to handle its hazardous waste have flopped. A decade after Love Canal first drew attention to the dangers of toxic waste — and five years after North Carolina created a commission to address the state's problem — a solution is nowhere in sight. Citizen protests halted the Hazardous Waste Treatment Commission's attempt to find a site for a treatment plant last year, and no progress has been made since.

Tar Heel companies ship about 100 million pounds of hazardous waste each year to a landfill in Pinewood, S.C. But South Carolina is growing understandably tired of being dumped on, and Governor Campbell has threatened to stop accepting North Carolina's waste shipments March 1. Since such a ban is probably unconstitutional, the threat amounts to a strong kick in the pants — which North Carolina undoubtedly deserves.

Gov. Jim Martin has seized the moment and proposed legislation giving himself the authority to site a waste facility. Such an arrangement has the advantage of placing responsibility squarely on the shoulders of an elected official, who could then be held accountable. But it also has dangers: Martin could decide to punish a particular Democratic official by choosing to put the plant in his or her county.

Hazardous waste

Legislators need time to study this and other proposals, which is why it would be wrong to panic under pressure. The answer to North Carolina's hazardous waste problem may not be a multimillion dollar comprehensive treatment plant, and it would be foolish to commit money before studying alternatives. These include:

- **Expanding waste prevention and reduction programs.** The state's first priority should be preventing and reducing hazardous waste, and there are some highly successful new technologies for doing both. But in this year's budget Governor Martin recommends no additional money for these programs.

- **Agreements with other states.** Many nearby states are in the same boat as North Carolina, and might agree to take on a segment of the waste treatment/disposal process. One state could have responsibility for incineration, for example, another for treatment. The Environmental Protection Agency says every state does not need a comprehensive facility, and if North Carolina builds one, we could end up with other states' wastes.

- **Land disposal.** North Carolina certainly doesn't want a toxic landfill like South Carolina's, but waste could perhaps be safely stored in retrievable containers above or below ground. A committee of the Governor's Waste Management Board recommended such an approach last week, and it's worth a closer look.

Hazardous waste is an inevitable by-product of our industrial society and can be managed safely. So far, North Carolina hasn't faced up to that responsibility. Legislators should move deliberately, without delay, to tame "the Blob" this session.

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STATE & LOCAL

Rutherford Says No to Offer of Hazardous-Waste Plant

By Terry Martin
JOURNAL RALEIGH BUREAU

RUTHERFORDTON

The answer was: "Scram."
In little more than five minutes, the Rutherford County Board of Commissioners ended last night a five-month courtship with North Carolina in the search for a county to accept a hazardous-waste treatment plant.

Despite projections that a willing county would receive up to \$36 million in taxes and incentives, a crowd of close to 300 people successfully urged the board to reject the

suitor and end all deliberations. They came, with babes in their arms and green ribbons of protest pinned to their lapels and sweaters, lined the walls, crouched on the carpeted floor and overflowed from a room with 64 seats into the halls and lobby of the County Office Building.

In short order, and with no deliberation, the commissioners agreed — in a move that all but assures the failure of North Carolina's search for a volunteer county to accept a plant and incinerator to treat 90 million pounds of waste a year.

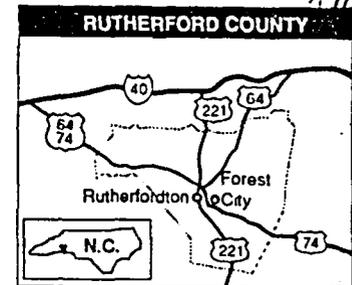
Commissioner Harvey "Windy" Powell, newly elected, moved the crowd to a standing ovation as he said, "I make a motion that we just forget this thing; let the man in Raleigh have it and carry it somewhere else."

The motion was formally to have addressed whether Rutherford County cared to receive any additional information about the project, Powell's fellow board members reminded him. "I don't want no information to come in the county, and I don't want no hazardous waste to come in the county," Powell responded.

Deluged in the past two weeks by calls and letters from people across the state, and presented with petitions last night that were said to bring to 6,500 the number of people who signed in opposition the project, three of the commissioners agreed.

Commissioner Edward A. Parker Sr., another new member, declined.

"I can never vote to stop or suppress any information from anybody — and if I did I



See REJECTED, Page 16

Rutherford was offered incentives.

REJECTED

Continued from Page 11

would not be in this seat," Parker explained.

But Parker, noting that Rutherford County ranks eighth in the state in hazardous waste that must be shipped off site — 6.8 million pounds last year — added a caveat.

"I hope none of you will leave this meeting feeling you have won the fight," Parker said, "but I do hope you will leave feeling your fight has just started."

Anthony J. Napoli, an organizer of Citizens for a Healthy Environment, which led the opposition, said that the principal concerns against the project were the focus on the money it would bring and the little attention given to health and environmental hazards.

"It was a slick PR campaign," Napoli said before the meeting, as the local newspaper distributed the day's editions which included two of his ads bearing skulls and crossbones. "YOU NEED TO BE THERE!" the ads read.

Napoli said, "The county officials say they are working for information, but the county has already bought it."

Earl G. Culbertson, the plant manager of Emeresco Co. of Spindale, disagreed.

The company, with 420 workers making brass valves, is the county's largest producer of hazardous waste, with 5.6 million pounds shipped to a landfill in South Carolina in 1988.

"When you talk about hazardous waste, people just don't know what they're talking about," he said. "They just panic."

M. Darrell Hinnant, the prime recruiter of a host county in his role as executive director of the N.C. Hazardous Waste Treatment Commission, was abject.

"To be honest with you, Rutherford County was our best shot," Hinnant said in a telephone interview after the meeting.

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87-154

Former city dump threatens proposed parkway

By Janet Olson and James Drew
Staff Writers

The future of the proposed \$63.5 million Smith Creek Parkway is in question again, this time because of an old city dump site that lies under the proposed route.

The dump might contain hazardous waste, state officials fear, and that possibility stands to add millions of dollars in cleanup expense to the project's cost and poses liability problems for the state.

State officials say they might have to consider scrapping the project if building the parkway requires a costly cleanup. But those same officials say they are far from throwing in the towel.

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Dump

Continued from 1A

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Plans call for the 7.7-mile, four-lane parkway to run from downtown Wilmington to Eastwood Road. Construction on the roadway — designed to relieve congestion on Market Street and handle Interstate 40 traffic — is scheduled to start in 1992, with completion in 1995.

The parkway has been plagued with problems throughout its planning stages, while state officials tried to snake its route through a narrow corridor bounded by neighborhoods, large businesses and Smith Creek.

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Tommy Pollard who represents New Hanover County on the state transportation board, said he remains committed to the project. But if the cleanup cost rises above \$5 million, it would force the state to make a decision about whether the cost of the project exceeded its benefit, Pollard said.

City officials say DOT has not told them the project is in jeopardy. DOT officials will meet Dec. 19 in Raleigh to discuss the environmental problems and possible changes to the route. City Manager Bill Farris said he plans to attend the meeting or send a repre-

The city leased the property for the dump from about the late 1960s until the early 1970s, said Robert F. Coleman Jr., a former city public works director who retired this year.

State officials say another old dump site, which belonged to an old factory, also lies in the parkway's path. City officials, however, said they know of only one dump — the old city dump — that would interfere with the parkway plans.

In either case, the contents of the dumps are a mystery.

"Everybody brought all of their garbage there," said William D. Bingham, an engineering geologist with the state Department of Transportation. "That means there could be factory waste. There could be anything... There could be some pretty heavy contamination."

Plans call for the parkway to be built about 20 feet above the ground across the old dump, Farris said. But state officials now say the former dump, which is 20 feet deep in some areas, won't support the four-lane, divided highway and the fill

dirt needed to elevate it above the ground.

Officials with the state's solid and hazardous waste branch want the state to route the parkway around the dump.

"We would always recommend that sites like this be left alone," said Terry Dover, eastern regional supervisor for the state branch.

The city sealed off its dump in early 1971, Dover said, and since then, it has caused no obvious health or environmental problems. Nearby neighborhoods are on the city water system, so they do not use groundwater near the dump.

Unsealing the dump could create problems, Dover said.

"If there's not a choice, then there should be a design for that highway that would have the least impact and effect on the old disposal site," Dover said.

State officials are considering building a bridge across the site, which would cause minimal disturbance, Bingham said. But that still leaves the state with a liability problem.

"There is the liability of owning a hazardous waste site," he said. "It's not something you want to go out and buy."

At this point, state officials anticipate it would cost at least \$2 million or \$3 million to clean up the dump sites and a potential hazardous waste site in the parkway's path at an abandoned textile plant near

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MORNING STAR
WILMINGTON, N.C.

DEC 09 88

23rd Street. They stress, however, that the sites must be studied before accurate figures are known.

Wells said it will be two or three months before the department "has a feel for" the cost and six months before it knows. Meanwhile, Wells said, planning for the parkway will continue on a normal course.

But Farris said the parkway's supplemental environmental impact statement, which must be completed before right-of-way acquisition begins, is on hold until DOT studies the recently discovered environmental problems and possible alternatives to the proposed route.

The city paid the \$200,000 cost of the supplemental environmental impact statement.

Ultimately, Pollard said, state officials will have to decide at what point the parkway project becomes too costly. Already, cost estimates have soared from \$35 million in the late 1970s to almost \$70 million today.

"Any project that we do there has to be a point of diminishing returns," Pollard said. "... It's hard to put a figure on it. I'd say if it escalates the price much over \$5 million, you'd sort of have to take a very serious look at it. Anything under \$5 million I think would be within normal tolerance of a project of this magnitude."

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that high, the state would have to determine "the point of diminishing returns."

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Pollard said if projected Parkway costs rose much more it would trigger increased support for the proposed Northern Outer Loop instead of a downtown parkway.

"There's already a lot of interest in the outer loop anyway," he said.

The loop, which city officials say is not needed until early next century, would connect U.S. 17 and U.S. 421.

State Highway Administrator George Wells said the parkway's problems are "serious" but not insurmountable.

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Raleigh Bureau Chief John Wood contributed to this report.

Smith Creek Pkwy.

87-22-154

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The parkway has been plagued with problems throughout its planning stages, while state officials tried to snake its route through a narrow corridor bounded by neighborhoods, large businesses and Smith Creek.

The latest problem, state officials say, is that no one knows what is buried beneath the proposed route. Plans call for about 1,500 feet of the parkway to cross a former city dump, which is roughly bounded by Smith Creek to the north, a railroad track to the south and east, and McRae Street to the west. The property is owned by CSX Transportation Inc.

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Raleigh Bureau Chief John Wood contributed to this report.

STATE & LOCAL

Rutherford Says No to Offer of Hazardous-Waste Plant

By Terry Martin
JOURNAL RALEIGH BUREAU

RUTHERFORDTON

The answer was: "Scram."
In little more than five minutes, the Rutherford County Board of Commissioners ended last night a five-month courtship with North Carolina in the search for a county to accept a hazardous-waste treatment plant.

Despite projections that a willing county would receive up to \$36 million in taxes and incentives, a crowd of close to 300 people successfully urged the board to reject the

suitor and end all deliberations. They came, with babes in their arms and green ribbons of protest pinned to their lapels and sweaters, lined the walls, crouched on the carpeted floor and overflowed from a room with 64 seats into the halls and lobby of the County Office Building.

In short order, and with no deliberation, the commissioners agreed — in a move that all but assures the failure of North Carolina's search for a volunteer county to accept a plant and incinerator to treat 90 million pounds of waste a year.

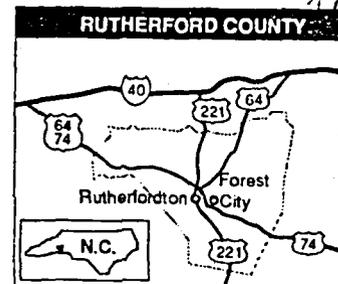
Commissioner Harvey "Windy" Powell, newly elected, moved the crowd to a standing ovation as he said, "I make a motion that we just forget this thing; let the man in Raleigh have it and carry it somewhere else."

The motion was formally to have addressed whether Rutherford County cared to receive any additional information about the project. Powell's fellow board members reminded him. "I don't want no information to come in the county, and I don't want no hazardous waste to come in the county," Powell responded.

Deluged in the past two weeks by calls and letters from people across the state, and presented with petitions last night that were said to bring to 6,500 the number of people who signed in opposition to the project, three of the commissioners agreed.

Commissioner Edward A. Parker Sr., another new member, declined.

"I can never vote to stop or suppress any information from anybody — and if I did I



JOURNAL GRAPHIC BY JIM STANLEY

See REJECTED, Page 16 Rutherford was offered incentives.

REJECTED

Continued from Page 11

would not be in this seat," Parker explained.

But Parker, noting that Rutherford County ranks eighth in the state in hazardous waste that must be shipped off site — 6.8 million pounds last year — added a caveat.

"I hope none of you will leave this meeting feeling you have won the fight," Parker said. "but I do hope you will leave feeling your fight has just started."

Anthony J. Napoli, an organizer of Citizens for a Healthy Environment, which led the opposition, said that the principal concerns against the project were the focus on the money it would bring and the little attention given to health and environmental hazards.

"It was a slick PR campaign," Napoli said before the meeting, as the local newspaper distributed the day's editions which included two of his ads bearing skulls and crossbones. "YOU NEED TO BE THERE!" the ads read.

Napoli said, "The county officials say they are working for information, but the county has already bought it."

Earl G. Culbertson, the plant manager of Enerco Co. of Spindale, disagreed.

The company, with 420 workers making brass valves, is the county's largest producer of hazardous waste, with 5.6 million pounds shipped to a landfill in South Carolina in 1986.

"When you talk about hazardous waste, people just don't know what they're talking about," he said. "They just panic."

M. Darrell Hinnant, the prime recruiter of a host county in his role as executive director of the N.C. Hazardous Waste Treatment Commission, was abject.

"To be honest with you, Rutherford County was our best shot," Hinnant said in a telephone interview after the meeting.

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North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

12 January 1989

Mr. H. Franklin Vick, P.E.
Project Engineer
State of North Carolina
Department of Transportation
Post Office Box 25201
Raleigh, NC 27611-5201

RE: Smith Creek Parkway
I-40 Site near Wilmington

Dear Mr. Vick:

The Division of Health Services Environmental Epidemiology Branch has provided an evaluation of the health risk associated with phthalates and naphthalene present at the referenced sites. A copy of Ted Taylor's evaluation is enclosed.

If you have additional questions about the Superfund program and how it may impact upon your project, please do not hesitate to contact Jack Butler or me at 733-2801.

Sincerely,

Lee Crosby
Lee Crosby, Head
Superfund Branch

LC/acr

Enclosure



North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

January 9, 1989

MEMORANDUM

TO: Lee Crosby, Head
Superfund Branch

FROM: Ted Taylor, Ph.D., Toxicologist ^{TT}
Environmental Epidemiology Branch

SUBJECT: Health Assessment for Phthalates and Napthalene at I-40 Site
Near Wilmington

Without knowing more details about the contamination of soil at the former textile facility, this memorandum will serve as a brief response to your inquiry. Bis(2-ethylhexylphthalate) (DEHP) is a widely used plasticiser that is detected frequently in environmental samples and/or is a frequent laboratory contaminant. However, since it produced tumors in laboratory animals, it has received considerable scientific attention over the past few years. The levels present (2 ppm) do not appear to represent a significant public health concern, especially when DEHP is compared in potency to other animal carcinogens.

Napthalene is a fused ring aromatic compound that can be found in gasoline and coal tar products in general and I believe that it still can be purchased as moth balls. A literature search utilizing the Hazardous Substance Data Base indicated that no relevant data on the potential carcinogenicity of napthalene was available. At high exposure levels, which is not the case in this situation (1.5 ppm), napthalene can cause damage to the liver, lungs, and possibly the red blood cells. At the levels present at this site, I do not believe that a significant health risk exists.

In summary, the levels of diethyl hexyl phthalate and napthalene present in the soil do not appear to represent a significant health risk. This conclusion includes a caveat that the analysis data was very limited and that no groundwater sampling has been performed, i.e. additional data indicating more extensive contamination could lead to a modification of this conclusion.

If you have any questions or need further information, please call me at 3410.

TT:lp

HNTB

HOWARD NEEDLES TAMMEN & BERGENDOFF

SMITH CREEK PARKWAY SEIS
SANITARY LANDFILL & CARO-NIT SITE FINDINGS REVIEW MEETING
NOVEMBER 22, 1988
MEETING NOTES

Attending: Terry F. Dover	Eastern Area Supervisor	Solid Waste Branch
✓ Jack Butler	Superfund Branch	NCDHR/DHS
Roy Shelton	District Engineer	FHWA
Bob Scott	ROW	FHWA
Cathie Gee	Realty Specialist	FHWA
Frank Vick	Planning & Research	NCDOT
Tom Shearin	Roadway Design	NCDOT
W.D. Bingham	Geotechnical Unit	NCDOT
V. Charles Bruton	Planning & Research	NCDOT
D.E. Howey	Planning & Research	NCDOT
Jimmy Norris	Roadway Design	NCDOT
Jay Bennett	Roadway	NCDOT
R.C. Leach	Law Environmental	
Ellen Pulaski	Law Environmental	
Burt Bassett	HNTB	

Ref: NCDOT letter of November 4, 1988 to Mr. W. L. Meyer, Chief,
Solid Hazardous Waste Branch
North Carolina Department of Human Resources

1. BACKGROUND

The above November 22, 1988 findings review meeting was requested by NCDOT (Ref. 1) to discuss the abandoned sanitary landfills on the proposed Smith Creek Parkway alignment, east of McRae Street and west of Burnt Mill Creek in Wilmington and more particularly the possible need for an assessment of the landfills by the DHR Solid Waste Management Section. The purpose of this assessment would be to confirm the presence or absence of hazardous materials in the landfills which would require special handling and disposal methods.

As a second item on the agenda added later, the preliminary findings of HNTB's investigation of the Caro-nit site were presented by HNTB's subconsultant, Law Environmental.

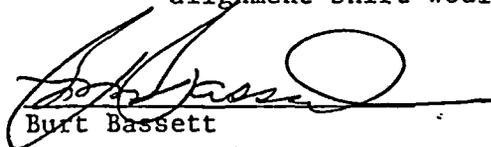
2. SANITARY LANDFILL DISCUSSION POINTS

- a. It was the consensus of the meeting that it may not be possible to develop a landfill testing program that would conclusively establish the absence of hazardous materials in the landfill, since such materials could exist in "pockets."
- b. The unregulated nature of the original landfill operation suggests the extreme likelihood that hazardous materials have been deposited in the landfill.

- c. Should excavation of the landfill be undertaken, as a part of the Smith Creek Parkway construction, and should hazardous materials be encountered, such materials could not be re-deposited in the landfill. Removal and hauling to an approved hazardous waste disposal area would be required. Under this circumstance, it is possible that NCDOT would be considered as a "generator" of hazardous materials and, if so, a permit for the removal could be required.
- d. Should bridging of the landfills be undertaken, there is a potential risk that the driven piles could penetrate an existing impervious strata (if such exists) separating the contaminated ground water zone from the underlying Castle Hayne Aquifer. Should this happen, contamination of the aquifer could result. Special pile driving techniques could minimize but not positively eliminate this risk.
- e. While not presently included on the State Superfund List, it is possible that the landfill could receive this designation in the future. Should a clean-up of the site be implemented under the Superfund Program, it is possible that sanitary waste deposits within the Smith Creek Parkway right-of-way would require removal even if the roadway was already constructed. Mr. Butler felt it would be within the authority of EPA to require removal of Smith Creek Parkway, if this were required to accomplish such a clean-up.
- f. Even though it was recognized that testing of the landfill and groundwater would not be an acceptable basis to prove or disprove the presence of hazardous materials in the landfill, it was decided that a groundwater testing program at the landfill sites should be undertaken to give some indication of the magnitude of the groundwater contamination. To this end, Law Environmental agreed to submit their proposal for 5 groundwater tests at each of the two landfill sites. This proposal will be submitted to Frank Vick. It was envisioned that the testing would be undertaken under NCDOT Work Order to Law Environmental.
- g. In light of the potentially serious risks involved in crossing the landfills with Smith Creek Parkway, even on structure, there was some discussion of alternative alignments for Smith Creek Parkway in the vicinity of the landfills. The possibility of a Smith Creek Parkway alignment north of Smith Creek which would cross wetland areas on structure was discussed as one tentative means to avoid the landfills.

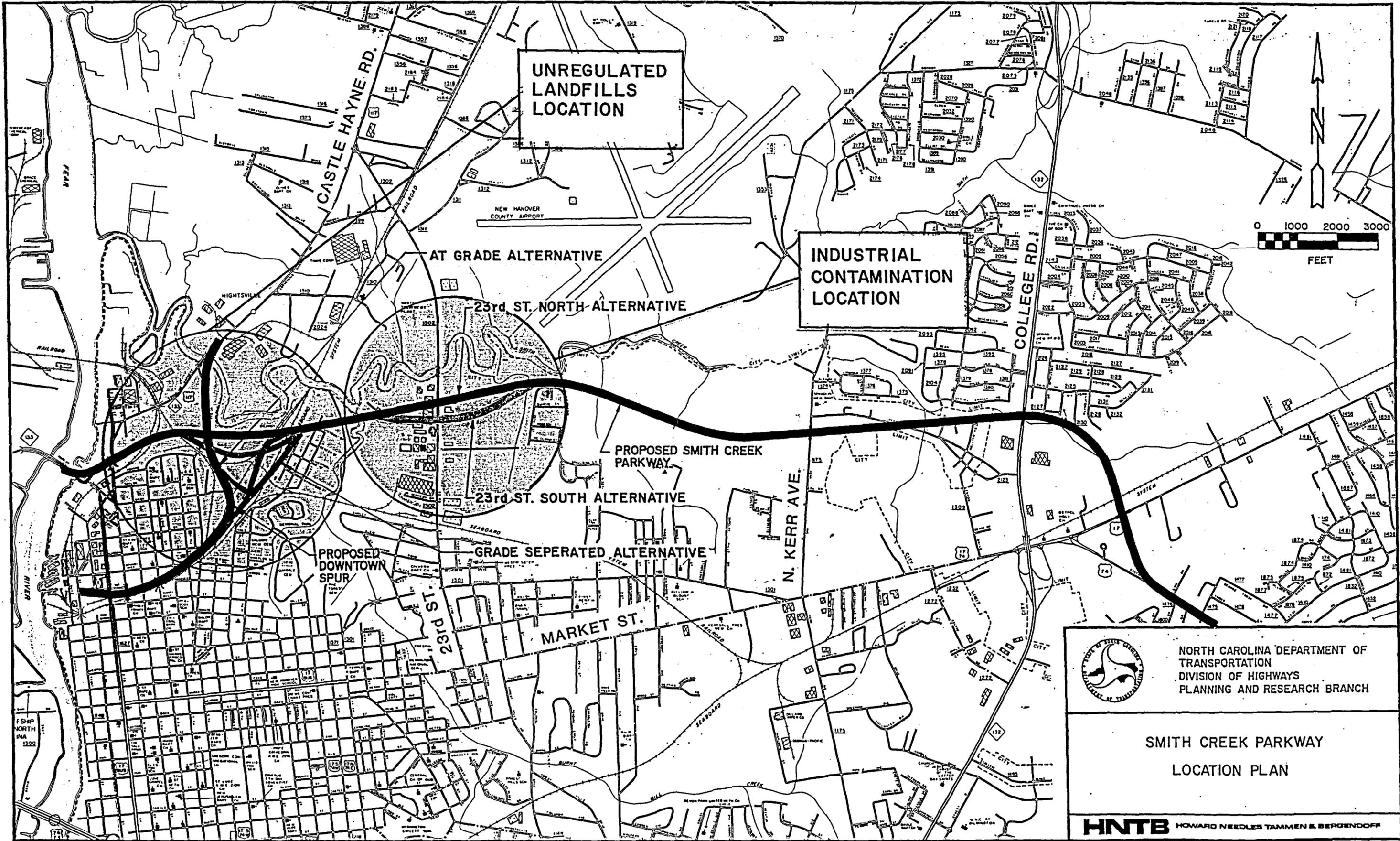
3. CARO-NIT HAZARDOUS WASTE INVESTIGATION DISCUSSION POINTS

- a. HNTB's subconsultant, Law Environmental, has essentially completed their studies, and their report has been prepared in draft form. Certain cost factors are still being weighed.
- b. Contaminated soil and groundwater conditions and also unconfined asbestos, all of which would require clean-up, have been positively identified.
- c. Provided on-site "landfarming" techniques could be used to treat contaminated soils, clean-up costs have been tentatively approximated at about \$1 million. The cost includes approximately 6 years of pumping and processing the groundwater at the site.
- d. Comments at the meeting by Mr. Butler suggested "landfarming" may not be an acceptable method to treat contaminated soils. The alternative of hauling off the contaminated soils to an approved disposal site, which would be considerably more costly, is currently being studied by Law.
- e. It appears possible that the contaminated portion of the Caro-nit property could be avoided if the Smith Creek Parkway alignment were shifted south to the originally proposed alignment which was closer to the DEG Film Studios. Law Environmental is assisting Dave Bingham in obtaining further soil and groundwater samples to confirm whether or not this alignment shift would avoid the contaminated materials.


Burt Bassett

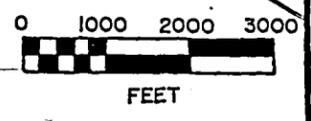
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CC: Attendees



UNREGULATED
LANDFILLS
LOCATION

INDUSTRIAL
CONTAMINATION
LOCATION



AT GRADE ALTERNATIVE

23rd ST. NORTH ALTERNATIVE

PROPOSED SMITH CREEK
PARKWAY

23rd ST. SOUTH ALTERNATIVE

GRADE SEPERATED ALTERNATIVE

PROPOSED
DOWNTOWN
SPUR

MARKET ST.

23rd ST.



NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION
DIVISION OF HIGHWAYS
PLANNING AND RESEARCH BRANCH

SMITH CREEK PARKWAY
LOCATION PLAN

HNTB HOWARD NEEDLES TAMMEN & BERENDOFF



North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
Phillip J. Kirk, Jr., Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director
919/733-3446

4 June 1986

Ms. Denise Bland
EPA NC CERCLA Project Officer
Air and Hazardous Material Division
345 Courtland Street, N.E.
Atlanta, GA 30365

Dear Ms. Bland:

SUBJECT: Preliminary Assessment Report
Smith Farm Colfax #3 NC D980503114
Route 2
Colfax, Guilford County, NC 27235

Enclosed please find the Preliminary Assessment report for the subject site. This priority is based on review of available data.

A one half acre holding pond, located at Paul Smith's farm in Colfax, NC, was used for disposal of calcium hydroxide sludge from 1973 until 1979. Calcium hydroxide was trucked to the site as a slurry of 90% water and 10% calcium hydroxide from Air Products Company in Greensboro, NC. Air Products generated this waste as a byproduct of acetylene production. The waste is believed to have been disposed at Smith Farm at a rate of 8000 gallons per day.

Smith Farm is situated in Greensboro's watershed within one mile of Reedy Fork Creek. Residents living in this sparsely populated area are believed to use ground water as a primary drinking source. Containment of on-site wastes is believed to be such that leaching and run-off could occur, especially if the holding pond was never de-watered and capped. Therefore, the site poses a potential threat to surface water and ground water quality. Access to the site is believed to be unrestricted.

Calcium hydroxide is not listed as a hazardous substance under CERCLA. However, waste samples have never been collected from the site for chemical analysis; therefore, it has not been confirmed that listed hazardous substances do not also exist on-site.

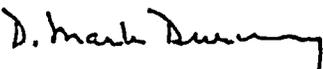
Ms. Denise Bland
4 June 1986
Page 2

The available data pertaining to this site suggests that on-site wastes are non-hazardous, and therefore do not pose an immediate threat to the few residents living in the site vicinity. However, waste samples need to be taken before it can be concluded that this site does not pose a threat to health or the environment. Priority assigned for inspection is Low.

On 2 June 1986, this Preliminary Assessment was reviewed by CERCLA Unit personnel and by the following representatives from the North Carolina Department of Natural Resources and Community Development, Division of Environmental Management: Glenn Ross, Air Quality Section; Vince Schneider and Howard Bryant, Water Quality Section.

If you have any questions, please call me at (919) 733-2801.

Sincerely,



D. Mark Durway, Geologist
Solid and Hazardous Waste Management Branch
Environmental Health Section

DMD/tb/0175b

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART I - INFORMATION AND ASSESSMENT

II. IDENTIFICATION

01 STATE NC	02 SITE NUMBER D980503114
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III. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Smith Farm Colfax #3	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER Route 2
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03 CITY Colfax	04 STATE NC	05 ZIP CODE 27235	06 COUNTY Guilford	07 COUNTY CODE 41	08 CONG DIST 06
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09 COORDINATES: LATITUDE 36° 07' 40" LONGITUDE 80° 00' 00"

10 DIRECTIONS TO SITE (Starting from nearest public road) Travel north from Colfax, NC, on Bunker Hill Rd. (SR 2007) for approx. 1 mile. The site is located north of, and within 0.25 miles of, the intersection of SR 2007 and Marshall-Smith Road (SR 1843).

III RESPONSIBLE PARTIES

01 OWNER (if known) Unknown	02 STREET (Business, mailing, residential)
--------------------------------	--------------------------------------------

03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
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07 OPERATOR (if known and different from owner) Paul Smith	08 STREET (Business, mailing, residential) Route 2
---------------------------------------------------------------	-------------------------------------------------------

09 CITY Colfax	10 STATE NC	11 ZIP CODE 27235	12 TELEPHONE NUMBER Unknown
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13 TYPE OF OWNERSHIP (Check one)

A. PRIVATE B. FEDERAL: _____ (Agency) C. STATE D. COUNTY E. MUNICIPAL
 F. OTHER: _____ (Specify) G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) (CERCLA 103c)

Reported to Eckhardt Comm. c 1978, by Air Products Inc. Greensboro.

A. RCRA 3001 DATE RECEIVED: B. UNCONTROLLED WASTE SITE DATE RECEIVED C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION BY (Check all that apply)
 YES DATE A. EPA B. EPA CONTRACTOR C. STATE D. OTHER CONTRACTOR
 E. LOCAL HEALTH OFFICIAL F. OTHER: _____

NO CONTRACTOR NAME(S): _____

02 SITE STATUS (Check one)

<input type="checkbox"/> A. ACTIVE	<input checked="" type="checkbox"/> B. INACTIVE	<input type="checkbox"/> C. UNKNOWN
------------------------------------	-------------------------------------------------	-------------------------------------

03 YEARS OF OPERATION		
1973		1979
BEGINNING YEAR		ENDING YEAR

UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT. KNOWN, OR ALLEGED A slurry of 90% water and 10% calcium hydroxide was disposed at a rate of 8000 gpd in a 0.5 acre holding pond located on Smith's Farm. James Coleman transported this waste to the site from Air Products Co. of Greensboro. Air Products generated calcium hydroxide waste as a

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION byproduct of acetylene production. It is unknown whether or not this waste contained haz. impurities. Calcium hydroxide is NOT listed as a haz. subst. under CERCLA; this subst. is, however, a skin irritant, and could be harmful if inhaled. The site is located in an area of low pop. density where groundwater is the primary drinking source, and is situated in Greensboro's watershed within one mile of Reedy Fork Creek. It is unknown whether or not the holding pond was dewatered and covered once on-site operations ceased. No monitoring wells.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

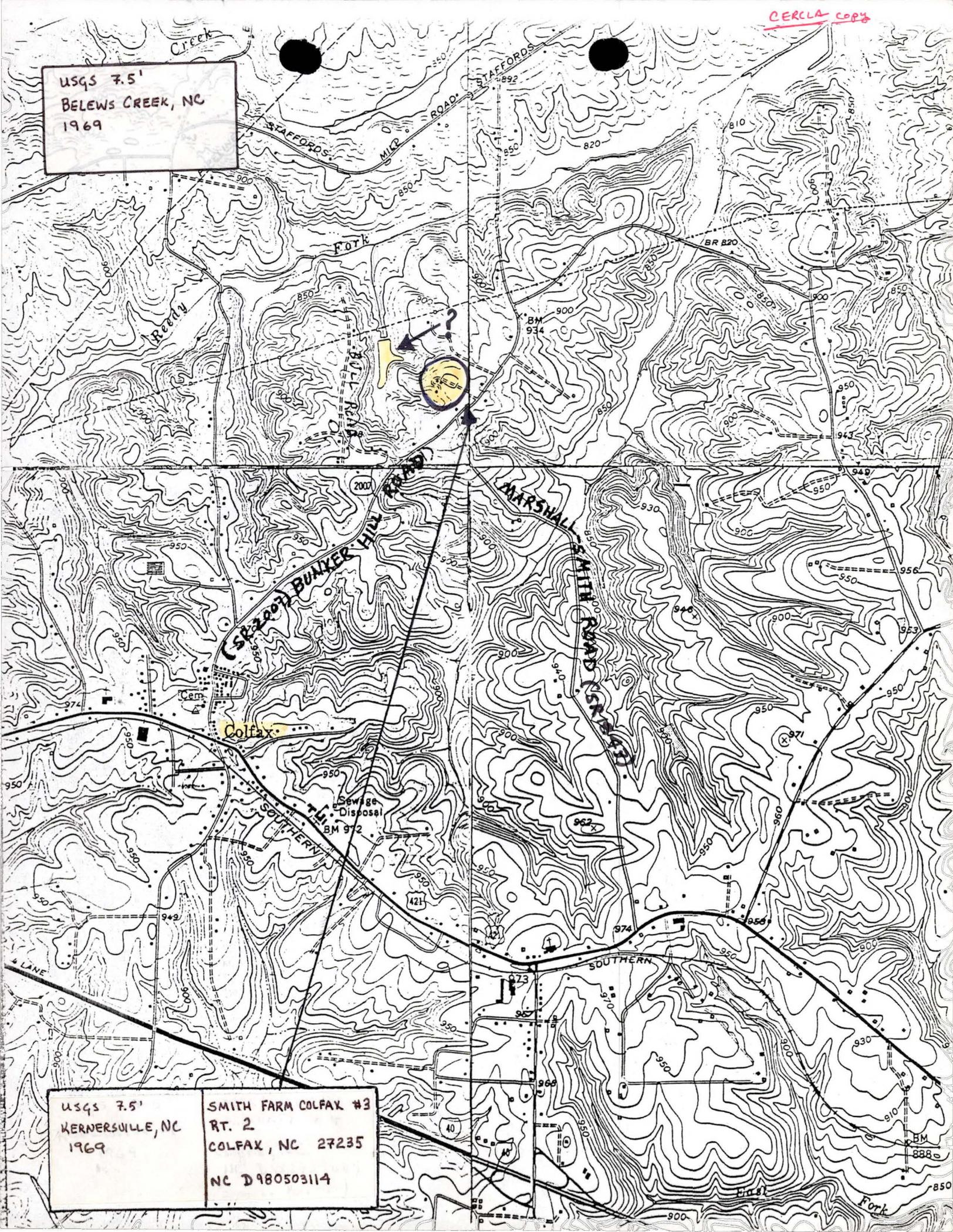
<input type="checkbox"/> A. HIGH (Inspection required promptly)	<input type="checkbox"/> B. MEDIUM (Inspection required)	<input checked="" type="checkbox"/> C. LOW (Inspection on time available basis)	<input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)
--------------------------------------------------------------------	-------------------------------------------------------------	------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------

VI. INFORMATION AVAILABLE FROM

01 CONTACT Paul Smith	02 OF (Agency/Organization) property owner, Colfax, NC	03 TELEPHONE NUMBER Unknown
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02 PERSON RESPONSIBLE FOR ASSESSMENT D. Mark Durway/Pat DeRosa	05 AGENCY ORGANIZATION NC DHR/DHS SHW Mgmt. Br.	03 TELEPHONE NUMBER (919) 733-2801	08 DATE 04/21/86
-------------------------------------------------------------------	----------------------------------------------------	---------------------------------------	---------------------

USGS 7.5'
BELEWS CREEK, NC
1969



USGS 7.5'
KERNERSVILLE, NC
1969

SMITH FARM COLFAX #3
RT. 2
COLFAX, NC 27235
NC D980503114



80

36 07 40

10
10

10

TO: FILE

FROM: D. MARK DURWAY

DATE: 5-5-86

RE: SMITH FARM COLFAX #3 (NC D980503114), Colfax, NC.

The following information was compiled at the time that a RCRA 3012 Preliminary Assessment was being completed for the Hubert Atkins Property (NC D980729669). This information is included in the Smith Farm #3 (NC D980503114) Preliminary Assessment for the reason that the ^{two} sites are nearly identical in nature.

DMD.

5-5-86.

25 March 1986

TO: File

FROM: D. Mark Durway *DMD*

RE: Smith Farm Colfax #3 (NC D980503114)

In a telephone conversation today, Steve Phibbs of the NC Solid and Hazardous Waste Mgmt. Branch regional office in Winston-Salem, NC (tel. 919/761-2390) informed me that the subject site consisted of a 0.5 acre holding pond which had been filled with calcium hydroxide sludge. Steve said that the pond was closed in about 1979.

Waste which was put into this holding pond was generated by Air Products Co. in Greensboro, NC. The calcium hydroxide was a byproduct of Air Products' acetylene production operation.

Waste is believed to have been transported to the site by James Coleman or Hubert Atkins, or both. Coleman, who lives in Colfax, NC, has an unlisted telephone number. Atkins, whose telephone number is (919) 668-7789, lives in Greensboro.

The property upon which the site is located was formerly owned by either Paul or Frank Smith. The site is located north of, and within a distance of 0.25 mile from, the intersection of Bunker Hill Road (SR 2007) and Marshall-Smith Road (SR 1843).

DMD/tb/0175b

26 March 1986

TO: File
FROM: D. Mark Durway *DMD*
RE: Smith Farm Colfax #3 (NC D980503114)

The following persons/agencies were contacted in an effort to gain information on the subject site:

1. Mr. Rule, district mgr. at Air Products Co., Greensboro, NC, tel. (919) 299-1361.
2. Mrs. Hubert Atkins, Greensboro, NC, tel (919) 668-7789.
3. Guilford County Register of Deeds, Greensboro, NC, tel. (919) 373-3253.

Mr. Rule reported that either Hubert Atkins or James Coleman, or both, had transported calcium hydroxide waste to the Smith Farm site.

Mrs. Atkins reported that the site is located just north of the intersection of Bunker Hill Road (SR 2007) and Marshall-Smith Road (SR 1843). She indicated that the site is/was owned by either Paul or Frank Smith. She said that James Coleman of Colfax, NC, had transported the waste from Air Products to the site. (It was subsequently learned that Coleman had an unlisted telephone; consequently, he could not be reached for additional information).

Register of Deeds personnel informed me that in order to identify the current site owner, it would be necessary to locate the site on maps at the Guilford County tax mapping office in Greensboro.

DMD/tb/0175b

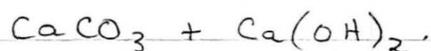
2-15-85

Hubert Atkins Property #4, NC D980729669 *

from conversation w Dr. Keith Dawson, NC SEHWgmt:

Though CaCl_2 sludge may have minor impurities, some which could foreseeably be considered hazardous, the sludge is NOT hazardous.

Sludge consists of



Despite large volume of sludge disposed of at Hubert Atkins property, health or environmental hazard does not exist, according to Dr. Dawson.

DMD

* Waste disposed at the Hubert Atkins Property was also generated at Air Products Co in Greensboro, NC. Waste types disposed at the two sites (Hubert Atkins Property and Smith Farm) is therefore thought to be identical, based on the available data.

DMD

5-11-86



ENVIRONMENTAL HAZARDOUS WASTE SITE
TENTATIVE DISPOSITION

REGION IV SITE NUMBER 1998

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 Smith Farm		B. STREET Rt. 2	
C. CITY Colfax		D. STATE N. C.	E. ZIP CODE

II. TENTATIVE DISPOSITION

Indicate the recommended action(s) and agency(ies) that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY			
		EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED -- NO HAZARD					
B. INVESTIGATIVE ACTION(S) NEEDED (If yes, complete Section III.)			X		
C. REMEDIAL ACTION NEEDED (If yes, complete Section IV.)					
D. ENFORCEMENT ACTION NEEDED (If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)					

E. RATIONALE FOR DISPOSITION

This site has not been operated for two years. Visual inspections indicated no obvious pollution problems. Water samples from adjacent stream may be desirable. Should 3 monitoring wells be installed or should site be written off.

F. INDICATE THE ESTIMATED DATE OF FINAL DISPOSITION (mo., day, & yr.)

G. IF A CASE DEVELOPMENT PLAN IS NECESSARY, INDICATE THE ESTIMATED DATE ON WHICH THE PLAN WILL BE DEVELOPED (mo., day, & yr.)

H. PREPARER INFORMATION

1. NAME Stephen E. Puhke	2. TELEPHONE NUMBER (919) 761-2390	3. DATE (mo., day, & yr.) 1/23/81
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III. INVESTIGATIVE ACTIVITY NEEDED

A. IDENTIFY ADDITIONAL INFORMATION NEEDED TO ACHIEVE A FINAL DISPOSITION.

B. PROPOSED INVESTIGATIVE ACTIVITY (Detailed Information)

1. METHOD FOR OBTAINING NEEDED ADDITIONAL INFO.	2. SCHEDULED DATE OF ACTION (mo., day, & yr.)	3. TO BE PERFORMED BY (EPA, Contractor, State, etc.)	4. ESTIMATED MANHOURS	5. REMARKS
a. TYPE OF SITE INSPECTION (1) Visual		State	1	
(2)				
(3)				
b. TYPE OF MONITORING (1)				
(2)				
c. TYPE OF SAMPLING (1) Surface Water		State	1	
(2)				



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION

SITE NUMBER (to be assigned by HQ)

IV

1998

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log file. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms 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 Smith Farm		B. STREET (or other identifier) Rt. 2	
C. CITY Colfax	D. STATE N.C.	E. ZIP CODE 27235	F. COUNTY NAME Guilford
G. SITE OPERATOR INFORMATION		2. TELEPHONE NUMBER	
1. NAME Mr. Paul Smith			
3. STREET Rt. 2	4. CITY Colfax	5. STATE N.C.	6. ZIP CODE 27235
H. REALTY OWNER INFORMATION (if different from operator of site)		2. TELEPHONE NUMBER	
1. NAME			
3. CITY		4. STATE	5. ZIP CODE
I. SITE DESCRIPTION 1/2 acre earthen pit			
J. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE			

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.)	B. APPARENT SERIOUSNESS OF PROBLEM		
	<input type="checkbox"/> 1. HIGH	<input type="checkbox"/> 2. MEDIUM	<input checked="" type="checkbox"/> 3. LOW <input type="checkbox"/> 4. NONE

C. PREPARER INFORMATION

1. NAME Stephen E. Phibbs	2. TELEPHONE NUMBER (919) 761-2390	3. DATE (mo., day, & yr.)
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III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION	
1. NAME Stephen E. Phibbs	2. TITLE District Sanitarian
3. ORGANIZATION North Carolina Solid and Hazardous Waste Branch	4. TELEPHONE NO. (area code & no.) (919) 761-2390

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION

(type of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Air Products Inc. (919)	299-1361	W. Market St., Greensboro, NC	Calcium hydroxide (Slurry) Lime

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
Mr. Smith		Rt. 2 Colfax, N.C.	Calcium hydroxide

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS

G. DATE OF INSPECTION (mo., day, & yr.)	H. TIME OF INSPECTION	I. ACCESS GAINED BY: <i>(credentials must be shown in all cases)</i>	
		<input checked="" type="checkbox"/> 1. PERMISSION	<input type="checkbox"/> 2. WARRANT

J. WEATHER *(describe)*
 Dry and Clear

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER <i>(specify)</i>			

D. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS

- a. GROUND b. AERIAL

2. PHOTOS IN CUSTODY OF:

D. SITE MAPPED?

- YES. SPECIFY LOCATION OF MAPS:

E. COORDINATES

1. LATITUDE (deg.-min.-sec.)

2. LONGITUDE (deg.-min.-sec.)

V. 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)

1/2 acre

D. ARE THERE BUILDINGS ON THE SITE?

1. NO 2. YES (specify): _____

VI. 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
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this form.

1. STORAGE 2. INCINERATION 3. LANDFILL 4. SURFACE IMPOUNDMENT 5. DEEP WELL
6. CHEM/BIO/PHYS TREATMENT 7. LANDFARM 8. OPEN DUMP 9. TRANSPORTER 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

1. LIQUID 2. SOLID 3. SLUDGE 4. GAS

B. WASTE CHARACTERISTICS

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

9. OTHER (specify):

WASTE CATEGORIES

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

VII. WASTE RELATED INFORMATION (continued)

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	
<input checked="" type="checkbox"/>	(1) PAINT, PIGMENTS	<input checked="" type="checkbox"/>	(1) OILY WASTES	<input checked="" type="checkbox"/>	(1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/>	(1) ACIDS	<input checked="" type="checkbox"/>	(1) FLYASH	<input checked="" type="checkbox"/>	(1) LABORATORY, PHARMACEUT.
	(2) METALS SLUDGES		(2) OTHER(specify):		(2) NON-HALOGNTD. SOLVENTS		(2) PICKLING LIQUORS		(2) ASBESTOS		(2) HOSPITAL
	(3) POTW				(3) OTHER(specify):		(3) CAUSTICS		(3) MILLING/MINE TAILINGS		(3) RADIOACTIVE
	(4) ALUMINUM SLUDGE				(4) PESTICIDES		(4) FERROUS SMELTING WASTES		(4) MUNICIPAL		
	(5) OTHER(specify): Calcium hydroxide				(5) DYES/INKS		(5) NON-FERROUS SMLTG. WASTES		(5) OTHER(specify):		
					(6) CYANIDE		(6) OTHER(specify):				
					(7) PHENOLS						
			(8) HALOGENS								
			(9) PCB								
			(10) METALS								
			(11) OTHER(specify)								

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X')			3. TOXICITY (mark 'X')				4. CAS NUMBER	5. AMOUNT	5. UNIT
	a. SOLID	b. LIQ.	c. VA-POR	a. HIGH	b. MED.	c. LOW	d. NONE			
Calcium Hydroxide		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

A. HUMAN HEALTH HAZARDS

VIII. HAZARD DESCRIPTION

(inued)

H. DAMAGE TO FLORA/FAUNA

I. FISH KILL

J. CONTAMINATION OF AIR

K. NOTICEABLE ODORS

L. CONTAMINATION OF SOIL

M. PROPERTY DAMAGE

N. FIRE OR EXPLOSION

O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

P. SEWER, STORM DRAIN PROBLEMS

Q. EROSION PROBLEMS

R. INADEQUATE SECURITY

S. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)

T. MIDNIGHT DUMPING

U. OTHER (specify):

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS				
2. IN COMMERCIAL OR INDUSTRIAL AREAS				
3. IN PUBLICLY TRAVELLED AREAS				
4. PUBLIC USE AREAS (parks, schools, etc.)				

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit)	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
D. POTENTIAL YIELD OF AQUIFER	E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure)	F. DIRECTION TO DRINKING WATER SUPPLY
G. TYPE OF DRINKING WATER SUPPLY		
<input type="checkbox"/> 1. NON-COMMUNITY < 15 CONNECTIONS* <input type="checkbox"/> 2. COMMUNITY (specify town): _____ <input checked="" type="checkbox"/> 3. SURFACE WATER <input type="checkbox"/> 4. WELL		

X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COMMUNITY (mark 'X')	5. COMMUNITY (mark 'X')

I. RECEIVING WATER

1. NAME

2. SEWERS

3. STREAMS/RIVERS

4. LAKES/RESERVOIRS

5. OTHER (specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

XI. SOIL AND VEGETATION DATA

LOCATION OF SITE IS IN:

A. KNOWN FAULT ZONE

B. KARST ZONE

C. 100 YEAR FLOOD PLAIN

D. WETLAND

E. A REGULATED FLOODWAY

F. CRITICAL HABITAT

G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

*X	A. OVERBURDEN	*X	B. BEDROCK (specify below)	*X	C. OTHER (specify below)
1. SAND					
2. CLAY					
3. GRAVEL					

XIII. SOIL PERMEABILITY

A. UNKNOWN

B. VERY HIGH (100,000 to 1000 cm/sec.)

C. HIGH (1000 to 10 cm/sec.)

D. MODERATE (10 to .1 cm/sec.)

E. LOW (.1 to .001 cm/sec.)

F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

1. YES

2. NO

3. COMMENTS:

H. DISCHARGE AREA

1. YES

2. NO

3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.

J. OTHER GEOLOGICAL DATA

SITE: NUMBER 1998 PAGE 1 FOR THIS SITE
SHITH FARM COLFAX #3
RT-2
COLFAX, NC 27235

Steve
Phibbs

Gulfport city

COMPANY: COMPANY-FACILITY NUMBER 1087
AIR PRODUCTS & CHEMICALS
X----

FIRST YEAR USED: 1973
LAST YEAR USED: 1974

HUNDRED TONS: 5
THOUSAND CUBIC YDS.: .
THOUSAND GALLONS: .

Steve
Phibbs

GREENSBORO
115 SOUTHERN OXYGEN DR.
GREENSBORO, NC 27409

Gulfport city

COMPOSITION OF WASTE:

BASE1
HEAVY1
INORG1 INORG2
GEN salts
INORG

BASE1
HEAVY1
INORG1 INORG2
GEN salts
INORG

IRON, Manganese, Magnesium
HEAVY4



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION IV	SITE NUMBER (to be assigned by HQ) 1998
--------------	--------------------------------------------

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log file. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms 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 Smith Farm		B. STREET (or other identifier) Rt. 2	
C. CITY Colfax	D. STATE N.C.	E. ZIP CODE 27235	F. COUNTY NAME Guilford
G. SITE OPERATOR INFORMATION		2. TELEPHONE NUMBER	
1. NAME Mr. Paul Smith			
3. STREET Rt. 2	4. CITY Colfax	B. STATE N.C.	6. ZIP CODE 27235
H. REALTY OWNER INFORMATION (if different from operator of site)		2. TELEPHONE NUMBER	
1. NAME			
3. CITY		4. STATE	6. ZIP CODE

I. SITE DESCRIPTION
1/2 acre earthen pit

J. TYPE OF OWNERSHIP
 1. FEDERAL 2. STATE 3. COUNTY 4. MUNICIPAL 5. PRIVATE

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr).	B. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input checked="" type="checkbox"/> 3. LOW <input type="checkbox"/> 4. NONE
-------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

C. PREPARER INFORMATION

1. NAME Stephen E. Phibbs	2. TELEPHONE NUMBER (919) 761-2390	3. DATE (mo., day, & yr.)
------------------------------	---------------------------------------	---------------------------

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION	
1. NAME Stephen E. Phibbs	2. TITLE District Sanitarian
3. ORGANIZATION North Carolina Solid and Hazardous Waste Branch (919) 761-2390	

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (sources of waste)

1. NAME	2. TEL. NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Air Products Inc. (919)	299-1361	W. Market St., Greensboro, NC	Calcium hydroxide (Slurry) Lime

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
Mr. Smith		Rt. 2 Colfax, N.C.	Calcium hydroxide

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS

G. DATE OF INSPECTION (mo., day, & yr.)	H. TIME OF INSPECTION	I. ACCESS GAINED BY: (credentials must be shown in all cases) <input checked="" type="checkbox"/> 1. PERMISSION <input type="checkbox"/> 2. WARRANT
---------------------------------------------------	------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------

J. WEATHER (describe)
 Dry and Clear

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER (specify)			

D. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS
 a. GROUND b. AERIAL

2. PHOTOS IN CUSTODY OF:

3. SITE MAPPED?
 YES. SPECIFY LOCATION OF MAPS:

E. COORDINATES

1. LATITUDE (deg.-min.-sec.)

2. LONGITUDE (deg.-min.-sec.)

V. SITE INFORMATION

1. 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.)

3. IS GENERATOR ON SITE?
 1. NO 2. YES (specify generator's four-digit SIC Code): _____

4. AREA OF SITE (in acres)
 1/2 acre

D. ARE THERE BUILDINGS ON THE SITE?
 1. NO 2. YES (specify): _____

VI. CHARACTERIZATION OF SITE ACTIVITY

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

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
<input checked="" type="checkbox"/> 4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		<input checked="" type="checkbox"/> 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
				7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
				8. SOLVENT RECOVERY		8. OTHER (specify):
				9. OTHER (specify):		

SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

1. STORAGE 2. INCINERATION 3. LANDFILL 4. SURFACE IMPOUNDMENT 5. DEEP WELL

6. CHEM/BIO/PHYS TREATMENT 7. LANDFARM 8. OPEN DUMP 9. TRANSPORTER 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

1. WASTE TYPE

1. LIQUID 2. SOLID 3. SLUDGE 4. GAS

2. WASTE CHARACTERISTICS

1. CORROSIVE 2. IGNITABLE 3. RADIOACTIVE 4. HIGHLY VOLATILE

5. TOXIC 6. REACTIVE 7. INERT 8. FLAMMABLE

9. OTHER (specify):

WASTE CATEGORIES

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

II. WASTE RELATED INFORMATION (continued)

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	
<input checked="" type="checkbox"/>	(1) PAINT, PIGMENTS	<input checked="" type="checkbox"/>	(1) OILY WASTES	<input checked="" type="checkbox"/>	(1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/>	(1) ACIDS	<input checked="" type="checkbox"/>	(1) FLYASH	<input checked="" type="checkbox"/>	(1) LABORATORY, PHARMACEUT.
	(2) METALS SLUDGES	<input type="checkbox"/>	(2) OTHER(specify):		(2) NON-HALOGNTD. SOLVENTS		(2) PICKLING LIQUORS		(2) ASBESTOS		(2) HOSPITAL
	(3) POTW				(3) OTHER(specify):		(3) CAUSTICS		(3) MILLING/MINE TAILINGS		(3) RADIOACTIVE
	(4) ALUMINUM SLUDGE				(4) PESTICIDES		(4) FERROUS SMELTING WASTES		(4) MUNICIPAL		
<input checked="" type="checkbox"/>	(5) OTHER(specify): Calcium hydroxide				(5) DYES/INKS		(5) NON-FERROUS SMLTG. WASTES		(5) OTHER(specify):		
					(6) CYANIDE		(6) OTHER(specify):				
			(7) PHENOLS								
			(8) HALOGENS								
			(9) PCB								
			(10) METALS								
			(11) OTHER(specify)								

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X')			3. TOXICITY (mark 'X')				4. CAS NUMBER	5. AMOUNT	6. UNIT
	a. SOLID	b. LIQ.	c. VAPOR	a. HIGH	b. MED.	c. LOW	d. NONE			
Calcium Hydroxide		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

A. HUMAN HEALTH HAZARDS



REGIONAL HAZARDOUS WASTE SITE
TENTATIVE DISPOSITION

REGION IV SITE NUMBER 1998

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 Smith Farm	B. STREET Rt. 2
C. CITY Colfax	D. STATE N. C.
E. ZIP CODE	

II. TENTATIVE DISPOSITION

Indicate the recommended action(s) and agency(ies) that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY			
		EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED - NO HAZARD					
B. INVESTIGATIVE ACTION(S) NEEDED (If yes, complete Section III.)			X		
C. REMEDIAL ACTION NEEDED (If yes, complete Section IV.)					
D. ENFORCEMENT ACTION NEEDED (If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)					

E. RATIONALE FOR DISPOSITION

This site has not been operated for two years. Visual inspections indicated no obvious pollution problems. Water samples from adjacent stream may be desirable. should 3 monitoring wells be installed or should site be written off.

F. INDICATE THE ESTIMATED DATE OF FINAL DISPOSITION (mo., day, & yr.)

G. IF A CASE DEVELOPMENT PLAN IS NECESSARY, INDICATE THE ESTIMATED DATE ON WHICH THE PLAN WILL BE DEVELOPED (mo., day, & yr.)

H. PREPARER INFORMATION

1. NAME Stephen E. Pugh	2. TELEPHONE NUMBER (919) 761-2390	3. DATE (mo., day, & yr.) 1/25/81
----------------------------	---------------------------------------	--------------------------------------

III. INVESTIGATIVE ACTIVITY NEEDED

A. IDENTIFY ADDITIONAL INFORMATION NEEDED TO ACHIEVE A FINAL DISPOSITION.

B. PROPOSED INVESTIGATIVE ACTIVITY (Detailed Information)

1. METHOD FOR OBTAINING NEEDED ADDITIONAL INFO.	2. SCHEDULED DATE OF ACTION (mo., day, & yr)	3. TO BE PERFORMED BY (EPA, Contractor, State, etc.)	4. ESTIMATED MANHOURS	5. REMARKS
a. TYPE OF SITE INSPECTION				
(1) Visual		State	1	
(2)				
(3)				
b. TYPE OF MONITORING				
(1)				
(2)				
c. TYPE OF SAMPLING				
(1) Surface Water		State	1	
(2)				

III. INVESTIGATIVE ACTIVITY NEEDED and PART B-PROPOSED IN INVESTIGATIVE ACTIVITY (Continued)	
d. TYPE OF LAB ANALYSIS (1) <u>PH, INORGANICS</u>	<u>State</u>
(2)	
e. OTHER (specify)	
(1)	
(2)	

C. ELABORATE ON ANY OF THE INFORMATION PROVIDED IN PART B (on front & above) AS NEEDED TO IDENTIFY ADDITIONAL INVESTIGATIVE WORK.

D. ESTIMATED MANHOURS BY ACTION AGENCY			
1. ACTION AGENCY	2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES	1. ACTION AGENCY	2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES
a. EPA		b. STATE	2
c. EPA CONTRACTOR		d. OTHER (specify)	

IV. REMEDIAL ACTIONS

A. SHORT TERM/EMERGENCY STRATEGY (On Site & Off-Site): List all emergency actions needed to bring site under immediate control, e.g., restrict access, provide alternate water supply, etc. See instructions for a list of Key Words for each of the actions to be used in the space below.

1. ACTION	2. EST. START DATE (mo, day, & yr)	3. EST. END DATE (mo, day, & yr)	4. ACTION AGENCY (EPA, State, Private Party)	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION; INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	

B. LONG TERM STRATEGY (On Site & Off-Site): List all long term solutions, e.g., excavation, removal, ground water monitoring wells, etc. See instructions for a list of Key Words for each of the actions to be used in the spaces below.

1. ACTION	2. EST. START DATE (mo, day, & yr)	3. EST. END DATE (mo, day, & yr)	4. ACTION AGENCY (EPA, State, Private Party)	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION; INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	

C. ESTIMATED MANHOURS AND COST BY ACTION AGENCY					
1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES	1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES
a. EPA			b. STATE		
c. PRIVATE PARTIES			d. OTHER (specify)		

SITE: NUMBER 2023 PAGE 1 FOR THIS SITE
#1 GREENSBORO PLANT LAGOON
115 SOUTHERN OXYGEN ROAD
GREENSBORO, NC 27409

Guilford Cty

COMPANY: COMPANY-FACILITY NUMBER 1087
AIR PRODUCTS & CHEMICALS
X----
GREENSBORO
115 SOUTHERN OXYGEN DR.
GREENSBORO, NC 27409

COMPOSITION OF WASTE:
Basic Soln. pH > 12
H.M. & T.M. BASE1 HEAVY1

G. Inorg.
INORG1

Salts
INORG2

FIRST YEAR USED: 1948
LAST YEAR USED: 1969

HUNDRED TONS: 100
THOUSAND CUBIC YDS.:
THOUSAND GALLONS:

Fe, Mn, Mg
HEAVY4

LEGEND: IF LISTED, THEN PRESENT IN WASTED. IF NOT LISTED, THEN ITEM NOT PRESENT, NOT KNOWN IF PRESENT, OR DATA MISSING.

R check 12/18/80 A - original site

EPA POTENTIAL HAZARDOUS WASTE SITE TENTATIVE DISPOSITION REGION IV SITE NUMBER 2028A

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. ORIGINAL SITE IDENTIFICATION

A. SITE NAME: *Smith Farm* B. STREET: *Across the road*
for Airco Waste H. 2

C. CITY: *Colfax* D. STATE: *N.C.* E. ZIP CODE: *27235*
Co (OH) from CHECH. Mfg

II. TENTATIVE DISPOSITION

Indicate the recommended action(s) and agency(ies) that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY			
		EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED -- NO HAZARD	X				
B. INVESTIGATIVE ACTION(S) NEEDED (If yes, complete Section III.)					
C. REMEDIAL ACTION NEEDED (If yes, complete Section IV.)					
D. ENFORCEMENT ACTION NEEDED (If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)					

E. RATIONALE FOR DISPOSITION

Surface Impoundment was once used for the disposal of calcium hydroxide. Site has not been used for two years. May require owner/operator to completely cover material.

F. INDICATE THE ESTIMATED DATE OF FINAL DISPOSITION (mo., day, & yr.)

G. IF A CASE DEVELOPMENT PLAN IS NECESSARY, INDICATE THE ESTIMATED DATE ON WHICH THE PLAN WILL BE DEVELOPED (mo., day, & yr.)

H. PREPARER INFORMATION

1. NAME: *Stephen C. Puhbo* 2. TELEPHONE NUMBER: *(919) 761-2390* 3. DATE (mo., day, & yr.): *11/7/80*

III. INVESTIGATIVE ACTIVITY NEEDED

A. IDENTIFY ADDITIONAL INFORMATION NEEDED TO ACHIEVE A FINAL DISPOSITION.

B. PROPOSED INVESTIGATIVE ACTIVITY (Detailed Information)

1. METHOD FOR OBTAINING NEEDED ADDITIONAL INFO.	2. SCHEDULED DATE OF ACTION (mo, day, & yr)	3. TO BE PERFORMED BY (EPA, Contractor, State, etc.)	4. ESTIMATED MANHOURS	5. REMARKS
a. TYPE OF SITE INSPECTION				
(1)				
(2)				
(3)				
b. TYPE OF MONITORING				
(1)				
(2)				
c. TYPE OF SAMPLING				
(1)				
(2)				



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION IV
SITE NUMBER (to be assigned by HQ) 2028A

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log file. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms 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 Smith Farm		B. STREET (or other identifier) Rt. 2	
C. CITY Colfax	D. STATE N.C.	E. ZIP CODE 27235	F. COUNTY NAME Guilford
G. SITE OPERATOR INFORMATION		2. TELEPHONE NUMBER	
1. NAME Mr. Smith			
3. STREET Rt. 2	4. CITY Colfax	5. STATE N.C.	6. ZIP CODE
H. REALTY OWNER INFORMATION (if different from operator of site)		2. TELEPHONE NUMBER	
1. NAME			
3. CITY		4. STATE	5. ZIP CODE

I. SITE DESCRIPTION
Surface impoundment, approx. 1/4 acre

J. TYPE OF OWNERSHIP
 1. FEDERAL 2. STATE 3. COUNTY 4. MUNICIPAL 5. PRIVATE

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.)	B. APPARENT SERIOUSNESS OF PROBLEM		
	<input type="checkbox"/> 1. HIGH	<input type="checkbox"/> 2. MEDIUM	<input type="checkbox"/> 3. LOW <input checked="" type="checkbox"/> 4. NONE
C. PREPARER INFORMATION		2. TELEPHONE NUMBER	3. DATE (mo., day, & yr.)
1. NAME Stephen E. Phibbs		(919) 761-2390	10-3-80

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION		2. TITLE	
1. NAME Stephen E. Phibbs		District Sanitarian	
3. ORGANIZATION N.C. Solid and Hazardous Waste Branch		4. TELEPHONE NO. (area code & no.) (919) 761-2390	

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)		
1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (source of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Air Products	(919) 292-1361	Greensboro, N.C.	Calcium hydroxide

E. TRANSPORTER/HALER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
James Coleman	—	—	calcium hydroxide

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
Hubert Atkins Property	(919) 293-5560 668-7789	Rt. 9 Box 463 Greensboro, N.C.

G. DATE OF INSPECTION H. TIME OF INSPECTION I. ACCESS GAINED BY: (credentials must be shown in all cases)

June 1980	1:30 p.m.	<input checked="" type="checkbox"/> 1. PERMISSION <input type="checkbox"/> 2. WARRANT
J. WEATHER (describe)		
Dry		

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER (specify)			

D. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS

- a. GROUND b. AERIAL

2. PHOTOS IN CUSTODY OF:

D. SITE MAPPED?

- YES. SPECIFY LOCATION OF MAPS:

E. COORDINATES

1. LATITUDE (deg.-min.-sec.)

2. LONGITUDE (deg.-min.-sec.)

V. 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)

Approx. 1/4 acre

D. ARE THERE BUILDINGS ON THE SITE?

1. NO 2. YES (specify): _____

VI. 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
X	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY	X	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
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

2. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

1. STORAGE 2. INCINERATION 3. LANDFILL 4. SURFACE IMPOUNDMENT 5. DEEP WELL
6. CHEM/BIO/PHYS TREATMENT 7. LANDFARM 8. OPEN DUMP 9. TRANSPORTER 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

1. WASTE TYPE

1. LIQUID 2. SOLID 3. SLUDGE 4. GAS

3. WASTE CHARACTERISTICS

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

9. OTHER (specify):

WASTE CATEGORIES

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

II. WASTE RELATED INFORMATION (continued)

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	
8,000 gal./day											
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS		<input checked="" type="checkbox"/> (1) OILY WASTES		<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS		<input checked="" type="checkbox"/> (1) ACIDS		<input checked="" type="checkbox"/> (1) FLYASH		<input checked="" type="checkbox"/> (1) LABORATORY, PHARMACEUT.	
(2) METALS SLUDGES		(2) OTHER(specify):		(2) NON-HALOGNTD. SOLVENTS		(2) PICKLING LIQUORS		(2) ASBESTOS		(2) HOSPITAL	
(3) POTW				(3) OTHER(specify):		(3) CAUSTICS		(3) MILLING/MINE TAILINGS		(3) RADIOACTIVE	
(4) ALUMINUM SLUDGE						(4) PESTICIDES		(4) FERROUS SMELTING WASTES		(4) MUNICIPAL	
<input checked="" type="checkbox"/> (5) OTHER(specify):						(5) DYES/INKS		(5) NON-FERROUS SMLTG. WASTES		(5) OTHER(specify):	
Calcium hydroxide						(6) CYANIDE		(6) OTHER(specify):			
					(7) PHENOLS						
					(8) HALOGENS						
					(9) PCB						
					(10) METALS						
					(11) OTHER(specify)						

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X')			3. TOXICITY (mark 'X')				4. CAS NUMBER	5. AMOUNT	5. UNIT
	a. SO-LID	b. LIQ.	c. VAPOR	a. HIGH	b. MED.	c. LOW	d. NONE			
Calcium hydroxide		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>			

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

A. HUMAN HEALTH HAZARDS

SURFACE IMPOUNDMENTS SITE INSPECTION REPORT
(Supplemental Report)

INSTRUCTION
Answer and Explain
as Necessary.

117

2025A

TYPE OF IMPOUNDMENT

Surface Impoundment

STABILITY/CONDITION OF EMBANKMENTS

EVIDENCE OF SITE INSTABILITY (Erosion, Settling, Sink Holes, etc.)

YES NO

EVIDENCE OF DISPOSAL OF IGNITABLE OR REACTIVE WASTE

YES NO

ONLY COMPATIBLE WASTES ARE STORED OR DISPOSED OF IN THE IMPOUNDMENT

YES NO

RECORDS CHECKED FOR CONTENTS AND LOCATION OF EACH SURFACE IMPOUNDMENT

YES NO

IMPOUNDMENT HAS LINER SYSTEM

YES NO

7a. INTEGRITY OF LINER SYSTEM CHECKED

YES NO

7b. FINDINGS

SOIL STRUCTURE AND SUBSTRUCTURE

MONITORING WELLS

YES NO

0. LENGTH, WIDTH, AND DEPTH

LENGTH WIDTH DEPTH

APPROX. 1/4 ACRE

1. CALCULATED VOLUMETRIC CAPACITY

2. PERCENT OF CAPACITY REMAINING

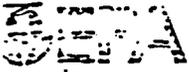
3. ESTIMATE FREEBOARD

4. SOLIDS DEPOSITION

YES NO

5. DREDGING DISPOSAL METHOD

6. OTHER EQUIPMENT



PO TENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION IV SITE NUMBER (to be assigned by HQ) 2572

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 SMITH FARM COLFAX #3		B. STREET (or other identifier) RT. 2	
CITY COLFAX	D. STATE NC.	E. ZIP CODE 27235	F. COUNTY NAME GUILFORD
OWNER/OPERATOR (if known) 1. NAME AIR PRODUCTS + CHEMICALS		2. TELEPHONE NUMBER 115 S. OXYGEN DR. GREENSBORO, N.C. 27409 (919) 299-1361	
TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			

SITE DESCRIPTION UNK		K. DATE IDENTIFIED (mo., day, & yr.)
HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.) Eck. Report		
PRINCIPAL STATE CONTACT 1. NAME BILL MEYER		2. TELEPHONE NUMBER (919) 733-2178

II. PRELIMINARY ASSESSMENT (complete this section last)

APPARENT SERIOUSNESS OF PROBLEM <input checked="" type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input type="checkbox"/> 4. NONE <input checked="" type="checkbox"/> 5. UNKNOWN	
RECOMMENDATION <input type="checkbox"/> 1. NO ACTION NEEDED (no hazard) <input type="checkbox"/> 2. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: _____ b. WILL BE PERFORMED BY: _____ <input checked="" type="checkbox"/> 3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: _____ b. WILL BE PERFORMED BY: _____ <input type="checkbox"/> 4. SITE INSPECTION NEEDED (low priority)	

PREPARER INFORMATION 1. NAME JULIAN M. FOSQUE III		2. TELEPHONE NUMBER (919) 733-2178	3. DATE (mo., day, & yr.) 3-11-1980
---------------------------------------------------------	--	---------------------------------------	----------------------------------------

III. SITE INFORMATION

SITE STATUS <input type="checkbox"/> 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if intermittently). <input checked="" type="checkbox"/> 2. INACTIVE (Those sites which no longer receive wastes). <input type="checkbox"/> 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.)	
IS GENERATOR ON SITE? <input checked="" type="checkbox"/> 1. NO <input type="checkbox"/> 2. YES (specify generator's four-digit SIC Code): _____	
AREA OF SITE (in acres) UNK	D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg.-min.-sec.) _____ 2. LONGITUDE (deg.-min.-sec.) _____
ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input type="checkbox"/> 2. YES (specify): _____	

IV. CHARACTERIZATION OF SITE ACTIVITY

Enter the major site activity(ies) and

relating to each activity by marking 'X' in

appropriate boxes.

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 UNIT
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
				7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
				8. SOLVENT RECOVERY		8. OTHER (specify):
				9. OTHER (specify):		UNK

SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

UNK

V. WASTE RELATED INFORMATION

WASTE TYPE

- 1 UNKNOWN 2 LIQUID 3 SOLID 4 SLUDGE 5 GAS

WASTE CHARACTERISTICS

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

10. OTHER (specify):

WASTE CATEGORIES

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

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
(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		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify):		

500
TONS

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

METALS, ORGANICS, BASE SOLUTIONS
+ SALTS

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

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
NO HAZARD				
HUMAN HEALTH				
NON-WORKER INJURY/EXPOSURE				
WORKER INJURY				
CONTAMINATION OF WATER SUPPLY				
CONTAMINATION OF FOOD CHAIN				
CONTAMINATION OF GROUND WATER				
CONTAMINATION OF SURFACE WATER				
DAMAGE TO FLORA/FAUNA				
FISH KILL				
CONTAMINATION OF AIR				
NOTICEABLE ODORS				
CONTAMINATION OF SOIL				
PROPERTY DAMAGE				
FIRE OR EXPLOSION				
SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
SEWER, STORM DRAIN PROBLEMS				
EROSION PROBLEMS				
INADEQUATE SECURITY				
INCOMPATIBLE WASTES				
MIDNIGHT DUMPING				
OTHER (specify):				

VII. PERMIT INFORMATION

INDICATE ALL APPLICABLE PERMITS HERE BY THE SITE.

- 1. NPDES PERMIT 2. SPCC PLAN 3. STATE PERMIT (specify): _____
- 4. AIR PERMITS 5. LOCAL PERMIT 6. RCRA TRANSPORTER _____
- 7. RCRA STORER 8. RCRA TREATER 9. RCRA DISPOSER _____

10. OTHER (specify): _____

COMPLIANCE?

- 1. YES 2. NO 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): _____

VIII. PAST REGULATORY ACTIONS

- A. NONE B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

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

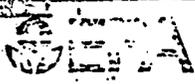
1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

X. REMEDIAL ACTIVITY (past or on-going)

- 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.



POTENTIAL HAZARDOUS WASTE SIT
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION IV SITE NUMBER (to be assigned by Hq) 2072

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: SMITH FARM COLFAX #3
 B. STREET (or other identifier): RT. 2
 C. CITY: COLFAX
 D. STATE: NC. E. ZIP CODE: 27235 F. COUNTY NAME: GUILFORD
 G. OWNER/OPERATOR (if known):
 1. NAME: AIR PRODUCTS + CHEMICALS 115 S. OXYGEN DR. GREENSBORO, N.C. 27407
 2. TELEPHONE NUMBER: (919) 299-1361
 H. TYPE OF OWNERSHIP:
 1. FEDERAL 2. STATE 3. COUNTY 4. MUNICIPAL 5. PRIVATE 6. UNKNOWN

I. SITE DESCRIPTION

UNK

J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.): ECR. REPORT
 K. DATE IDENTIFIED (mo., day, & yr.):

L. PRINCIPAL STATE CONTACT:
 1. NAME: BILL MEYER 2. TELEPHONE NUMBER: (919) 733-2178

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM:
 1. HIGH 2. MEDIUM 3. LOW 4. NONE 5. UNKNOWN
 3. RECOMMENDATION:
 1. NO ACTION NEEDED (no hazard)
 2. SITE INSPECTION NEEDED
 a. TENTATIVELY SCHEDULED FOR:
 b. WILL BE PERFORMED BY:
 3. IMMEDIATE SITE INSPECTION NEEDED
 a. TENTATIVELY SCHEDULED FOR:
 b. WILL BE PERFORMED BY:
 4. SITE INSPECTION NEEDED (low priority)

3. PREPARER INFORMATION:
 1. NAME: JULIAN M. FOSCHUE III 2. TELEPHONE NUMBER: (919) 733-2178 3. DATE (mo., day, & yr.): 3-11-1980

III. SITE INFORMATION

1. 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):
 2. IS GENERATOR ON SITE?
 1. NO 2. YES (specify generator's four-digit SIC Code):
 4. AREA OF SITE (in acres): UNK
 D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES:
 1. LATITUDE (deg.-min.-sec.):
 2. LONGITUDE (deg.-min.-sec.):
 5. ARE THERE BUILDINGS ON THE SITE?
 1. NO 2. YES (specify):

IV. CHARACTERIZATION OF SITE ACTIVITY

Identify the major site activity(ies) and its relationship to each activity by marking 'X' in the appropriate boxes.

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

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

UNK

V. WASTE RELATED INFORMATION

A. WASTE TYPE

- 1 UNKNOWN 2 LIQUID 3 SOLID 4 SLUDGE 5 GAS

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):

C. WASTE CATEGORIES

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

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	
<input checked="" type="checkbox"/>	(1) PAINT, PIGMENTS	<input checked="" type="checkbox"/>	(1) OILY WASTES	<input checked="" type="checkbox"/>	(1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/>	(1) ACIDS	<input checked="" type="checkbox"/>	(1) FLYASH	<input checked="" type="checkbox"/>	(1) LABORATORY PHARMACEUT.
	(2) METALS SLUDGES		(2) OTHER (specify):		(2) NON-HALOGNTD. SOLVENTS		(2) PICKLING LIQUORS		(2) ASBESTOS		(2) HOSPITAL
	(3) POTW				(3) OTHER (specify):		(3) CAUSTICS		(3) MILLING/ MINE TAILINGS		(3) RADIOACTIVE
	(4) ALUMINUM SLUDGE						(4) PESTICIDES		(4) FERROUS SMLTG. WASTES		(4) MUNICIPAL
	(5) OTHER (specify):						(5) DYES/INKS		(5) NON-FERROUS SMLTG. WASTES		(5) OTHER (specify):
							(6) CYANIDE		(6) OTHER (specify):		
							(7) PHENOLS				
							(8) HALOGENS				
							(9) PCB				
							(10) METALS				
							(11) OTHER (specify):				

500
TONS

V. WASTE RELATED INFORMATION (continued)

EXISTING SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (list in descending order of hazard).

METALS, ORGANICS, BASE SOLUTIONS
+ SALTS

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

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				
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				
OTHER (specify):				

VII PERMIT INFORMATION

INDICATE ALL APPLICABLE PERMITS BY THE SITE.

- 1. NPDES PERMIT
- 2. SPCC PLAN
- 3. STATE PERMIT (specify): _____
- 4. AIR PERMITS
- 5. LOCAL PERMIT
- 6. RCRA TRANSPORTER
- 7. RCRA STORER
- 8. RCRA TREATER
- 9. RCRA DISPOSER
- 10. OTHER (specify): _____

IN COMPLIANCE?

- 1. YES
- 2. NO
- 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): _____

VIII. PAST REGULATORY ACTIONS

- A. NONE
- B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

- 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

X. REMEDIAL ACTIVITY (past or on-going)

- 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.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION

SITE NUMBER (to be assigned by HQ)

IV

2025A

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log file. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms 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 Smith Farm		B. STREET (or other identifier) Rt. 2			
C. CITY Colfax	D. STATE N.C.	E. ZIP CODE 27235	F. COUNTY NAME Guilford		

G. SITE OPERATOR INFORMATION					
1. NAME Mr. Smith			2. TELEPHONE NUMBER		
3. STREET Rt. 2		4. CITY Colfax		5. STATE N.C.	6. ZIP CODE

H. REALTY OWNER INFORMATION (if different from operator of site)					
1. NAME			2. TELEPHONE NUMBER		
3. CITY		4. STATE		5. ZIP CODE	

I. SITE DESCRIPTION Surface impoundment, approx. 1/4 acre					
--------------------------------------------------------------	--	--	--	--	--

J. TYPE OF OWNERSHIP					
<input type="checkbox"/> 1. FEDERAL	<input type="checkbox"/> 2. STATE	<input type="checkbox"/> 3. COUNTY	<input type="checkbox"/> 4. MUNICIPAL	<input checked="" type="checkbox"/> 5. PRIVATE	

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.)		B. APPARENT SERIOUSNESS OF PROBLEM			
		<input type="checkbox"/> 1. HIGH	<input type="checkbox"/> 2. MEDIUM	<input type="checkbox"/> 3. LOW	<input checked="" type="checkbox"/> 4. NONE

C. PREPARER INFORMATION					
1. NAME Stephen E. Phibbs		2. TELEPHONE NUMBER (919) 761-2390		3. DATE (mo., day, & yr.) 10-3-80	

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION					
1. NAME Stephen E. Phibbs		2. TITLE District Sanitarian			
3. ORGANIZATION N.C. Solid and Hazardous Waste Branch				4. TELEPHONE NO. (area code & no.) (919) 761-2390	

B. INSPECTION PARTICIPANTS					
1. NAME		2. ORGANIZATION		3. TELEPHONE NO.	

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)					
1. NAME		2. TITLE & TELEPHONE NO.		3. ADDRESS	

II. INSPECTION INFORMATION (continue)

D. GENERATOR INFORMATION (source of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Air Products	(919) 292-1361	Greensboro, N.C.	Calcium hydroxide

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
James Coleman	—	—	calcium hydroxide

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
Hubert Atkins Property	(919) 993-5560	Rt. 9 Box 463 Greensboro, N.C.

G. DATE OF INSPECTION H. TIME OF INSPECTION I. ACCESS GAINED BY: (credentials must be shown in all cases)

June 1980 1:30 p.m. 1. PERMISSION 2. WARRANT

J. WEATHER (describe)

Dry

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER (specify)			

D. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS a. GROUND b. AERIAL

2. PHOTOS IN CUSTODY OF:

D. SITE MAPPED?

YES. SPECIFY LOCATION OF MAPS:

E. COORDINATES

1. LATITUDE (deg., min., sec.)

2. LONGITUDE (deg., min., sec.)

V. 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)

Approx. 1/4 acre

D. ARE THERE BUILDINGS ON THE SITE?

1. NO 2. YES (specify): _____

VI. 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
X	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY	X	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
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

1. STORAGE 2. INCINERATION 3. LANDFILL 4. SURFACE IMPOUNDMENT 5. DEEP WELL

6. CHEM/BIO/PHYS TREATMENT 7. LANDFARM 8. OPEN DUMP 9. TRANSPORTER 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

1. LIQUID 2. SOLID 3. SLUDGE 4. GAS

B. WASTE CHARACTERISTICS

1. CORROSIVE 2. IGNITABLE 3. RADIOACTIVE 4. HIGHLY VOLATILE

5. TOXIC 6. REACTIVE 7. INERT 8. FLAMMABLE

9. OTHER (specify):

WASTE CATEGORIES

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

VII. WASTE RELATED INFORMATION (continued)

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				(3) OTHER(specify):		(3) CAUSTICS		(3) MILLING/MINE TAILINGS		(3) RADIOACTIVE
	(4) ALUMINUM SLUDGE						(4) PESTICIDES		(4) FERROUS SMELTING WASTES		(4) MUNICIPAL
X	(5) OTHER(specify): Calcium hydroxide						(5) DYES/INKS		(5) NON-FERROUS SMLTG. WASTES		(5) OTHER(specify):
							(6) CYANIDE		(6) OTHER(specify):		
					(7) PHENOLS						
					(8) HALOGENS						
					(9) PCB						
					(10) METALS						
					(11) OTHER(specify):						

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X')			3. TOXICITY (mark 'X')				4. CAS NUMBER	5. AMOUNT	5. UNIT
	a. SOLID	b. LIQ.	c. VAPOR	a. HIGH	b. MED.	c. LOW	d. NONE			
Calcium hydroxide		X					X			

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

A. HUMAN HEALTH HAZARDS

VIII. HAZARD DESCRIPTION (continued)

B. NON-WORKER INJURY/EXPOSURE

C. WORKER INJURY/EXPOSURE

D. CONTAMINATION OF WATER SUPPLY

E. CONTAMINATION OF FOOD CHAIN

F. CONTAMINATION OF GROUND WATER

G. CONTAMINATION OF SURFACE WATER

VIII. HAZARD DESCRIPTION (continued)

H. DAMAGE TO FLORA/FAUNA

I. FISH KILL

J. CONTAMINATION OF AIR

K. NOTICEABLE ODORS

L. CONTAMINATION OF SOIL

M. PROPERTY DAMAGE

VIII. HAZARD DESCRIPTION (continued)

N. FIRE OR EXPLOSION

O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

P. SEWER, STORM DRAIN PROBLEMS

Q. EROSION PROBLEMS

R. INADEQUATE SECURITY

S. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)

T. MIDNIGHT DUMPING

U. OTHER (specify):

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS				
2. IN COMMERCIAL OR INDUSTRIAL AREAS				
3. IN PUBLICLY TRAVELLED AREAS				
4. PUBLIC USE AREAS (parks, schools, etc.)				

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit)	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
D. POTENTIAL YIELD OF AQUIFER	E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure)	F. DIRECTION TO DRINKING WATER SUPPLY

TYPE OF DRINKING WATER SUPPLY

1. NON-COMMUNITY < 15 CONNECTIONS*
 2. COMMUNITY (specify town): _____ > 15 CONNECTIONS
 3. SURFACE WATER
 4. WELL

X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COMMUNITY (mark 'X')	5. COMMUNITY (mark 'X')

I. RECEIVING WATER

1. NAME

2. SEWERS

3. STREAMS/RIVERS

4. LAKES/RESERVOIRS

5. OTHER (specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

XI. SOIL AND VEGETATION DATA

LOCATION OF SITE IS IN:

A. KNOWN FAULT ZONE

B. KARST ZONE

C. 100-YEAR FLOOD PLAIN

D. WETLAND

E. A REGULATED FLOODWAY

F. CRITICAL HABITAT

G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. OVERBURDEN	'X'	B. BEDROCK (specify below)	'X'	C. OTHER (specify below)
	1. SAND				
	2. CLAY				
	3. GRAVEL				

XIII. SOIL PERMEABILITY

A. UNKNOWN

B. VERY HIGH (100,000 to 1000 cm/sec.)

C. HIGH (1000 to 10 cm/sec.)

D. MODERATE (10 to .1 cm/sec.)

E. LOW (.1 to .001 cm/sec.)

F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

1. YES

2. NO

3. COMMENTS:

H. DISCHARGE AREA

1. YES

2. NO

3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE:

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.

J. OTHER GEOLOGICAL DATA

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X')		
					1. YES	2. NO	3. UNKNOWN

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

NONE YES (summarize in this space)

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition (Section II) information on the first page of this form.

SURFACE IMPOUNDMENTS SITE INSPECTION REPORT
(Supplemental Report)

INSTRUCTION
Answer and Explain
as Necessary.

17

2025A

1. TYPE OF IMPOUNDMENT

Surface Impoundment

2. STABILITY/CONDITION OF EMBANKMENTS

3. EVIDENCE OF SITE INSTABILITY (Erosion, Settling, Sink Holes, etc.)

YES NO

4. EVIDENCE OF DISPOSAL OF IGNITABLE OR REACTIVE WASTE

YES NO

5. ONLY COMPATIBLE WASTES ARE STORED OR DISPOSED OF IN THE IMPOUNDMENT

YES NO

6. RECORDS CHECKED FOR CONTENTS AND LOCATION OF EACH SURFACE IMPOUNDMENT

YES NO

7. IMPOUNDMENT HAS LINER SYSTEM

YES NO

7a. INTEGRITY OF LINER SYSTEM CHECKED

YES NO

7b. FINDINGS

8. SOIL STRUCTURE AND SUBSTRUCTURE

9. MONITORING WELLS

YES NO

10. LENGTH, WIDTH, AND DEPTH

LENGTH WIDTH DEPTH

APPROX. 1/4 ACRE

11. CALCULATED VOLUMETRIC CAPACITY

12. PERCENT OF CAPACITY REMAINING

13. ESTIMATE FREEBOARD

14. SOLIDS DEPOSITION

YES NO

15. DREDGING DISPOSAL METHOD

16. OTHER EQUIPMENT

A 2 original site

R. O. F. CK 12/18/80

	POTENTIAL HAZARDOUS WASTE SITE TENTATIVE DISPOSITION	REGION IV	SITE NUMBER 2028A
-----------------------------------------------------------------------------------	-----------------------------------------------------------------	---------------------	-----------------------------

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.

Original Site
I. SITE IDENTIFICATION

A. SITE NAME Smith Farm for Airco Waste	B. STREET Rt. 2
C. CITY COLFAX	D. STATE N.C.
E. ZIP CODE 27235	

II. TENTATIVE DISPOSITION

Indicate the recommended action(s) and agency(ies) that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY			
		EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED -- NO HAZARD	<input checked="" type="checkbox"/>				
B. INVESTIGATIVE ACTION(S) NEEDED (If yes, complete Section III.)	<input type="checkbox"/>				
C. REMEDIAL ACTION NEEDED (If yes, complete Section IV.)	<input type="checkbox"/>				
D. ENFORCEMENT ACTION NEEDED (If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)	<input type="checkbox"/>				

E. RATIONALE FOR DISPOSITION

Surface Impoundment was once used for the disposal of calcium hydroxide. Site has not been used for two years. May require owner/operator to completely cover material.

F. INDICATE THE ESTIMATED DATE OF FINAL DISPOSITION (mo., day, & yr.)	G. IF A CASE DEVELOPMENT PLAN IS NECESSARY, INDICATE THE ESTIMATED DATE ON WHICH THE PLAN WILL BE DEVELOPED (mo., day, & yr.)
-----------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

H. PREPARER INFORMATION		
1. NAME Stephen C. Fubler	2. TELEPHONE NUMBER (919) 761-2390	3. DATE (mo., day, & yr.) 11/7/80

III. INVESTIGATIVE ACTIVITY NEEDED

A. IDENTIFY ADDITIONAL INFORMATION NEEDED TO ACHIEVE A FINAL DISPOSITION.

B. PROPOSED INVESTIGATIVE ACTIVITY (Detailed Information)

1. METHOD FOR OBTAINING NEEDED ADDITIONAL INFO.	2. SCHEDULED DATE OF ACTION (mo., day, & yr)	3. TO BE PERFORMED BY (EPA, Contractor, State, etc.)	4. ESTIMATED MANHOURS	5. REMARKS
a. TYPE OF SITE INSPECTION				
(1)				
(2)				
(3)				
b. TYPE OF MONITORING				
(1)				
(2)				
c. TYPE OF SAMPLING				
(1)				
(2)				

III. INVESTIGATIVE ACTIVITY NEEDED and PART B - PROPOSED INVESTIGATIVE ACTIVITY (Continued)

d. TYPE OF LAB ANALYSIS				
(1)				
(2)				
e. OTHER (specify)				
(1)				
(2)				
C. ELABORATE ON ANY OF THE INFORMATION PROVIDED IN PART B (on front & above) AS NEEDED TO IDENTIFY ADDITIONAL INVESTIGATIVE WORK.				

D. ESTIMATED MANHOURS BY ACTION AGENCY			
1. ACTION AGENCY	2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES	1. ACTION AGENCY	2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES
a. EPA		b. STATE	
c. EPA CONTRACTOR		d. OTHER (specify)	

IV. REMEDIAL ACTIONS

A. SHORT TERM/EMERGENCY STRATEGY (On Site & Off-Site): List all emergency actions needed to bring site under immediate control, e.g., restrict access, provide alternate water supply, etc. See instructions for a list of Key Words for each of the actions to be used in the space below.

1. ACTION	2. EST. START DATE (mo, day, & yr)	3. EST. END DATE (mo, day, & yr)	4. ACTION AGENCY (EPA, State, Private Party)	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION; INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	

B. LONG TERM STRATEGY (On Site & Off-Site): List all long term solutions, e.g., excavation, removal, ground water monitoring wells, etc. See instructions for a list of Key Words for each of the actions to be used in the spaces below.

1. ACTION	2. EST. START DATE (mo, day, & yr)	3. EST. END DATE (mo, day, & yr)	4. ACTION AGENCY (EPA, State, Private Party)	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION; INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	

C. ESTIMATED MANHOURS AND COST BY ACTION AGENCY

1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES	1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES
a. EPA			b. STATE		
c. PRIVATE PARTIES			d. OTHER (specify)		

POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION IV SITE NUMBER (to be assigned by HQ) 2028

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 HUBERT ATKINS PROPERTY #4		B. STREET (or other identifier) RT 9, BOX 463	
C. CITY GREENSBORO, N.C.	D. STATE N.C.	E. ZIP CODE 27409	F. COUNTY NAME BULLFORD
G. OWNER/OPERATOR (if known) 1. NAME AIR PRODUCTS + CHEMICALS		2. TELEPHONE NUMBER 1550 DRYDEN DR. GREENSBORO N.C. 27409 (919) 299-1361	
H. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			

I. SITE DESCRIPTION
LINK

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

K. DATE IDENTIFIED (mo., day, & yr.)

L. PRINCIPAL STATE CONTACT
1. NAME
BILL MEYER

2. TELEPHONE NUMBER
(919) 733-2178

II. PRELIMINARY ASSESSMENT (complete this section last)

M. APPARENT SERIOUSNESS OF PROBLEM
 1. HIGH 2. MEDIUM 3. LOW 4. NONE 5. UNKNOWN

N. 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)

O. PREPARER INFORMATION
1. NAME
JULIAN M. FROSCUE, III

2. TELEPHONE NUMBER
(919) 733-2178

3. DATE (mo., day, & yr.)
3-11-1980

III. SITE INFORMATION

P. 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 intermittently.)
 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.)

Q. IS GENERATOR ON SITE?
 1. NO 2. YES (specify generator's four-digit SIC Code):

R. AREA OF SITE (in acres)
LINK

S. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES
 1. LATITUDE (deg.-min.-sec.)
 2. LONGITUDE (deg.-min.-sec.)

T. ARE THERE BUILDINGS ON THE SITE?
 1. NO 2. YES (specify):

IV. CHARACTERIZATION OF SITE ACTIVITY

the major site activity(ies) and its relation to each activity by marking 'X' in the appropriate boxes.

A. TRANSPORTER		B. STORER		C. TREATER		D. DISPOSER	
<input checked="" type="checkbox"/>	1. RAIL	<input checked="" type="checkbox"/>	1. PILE	<input checked="" type="checkbox"/>	1. FILTRATION	<input checked="" type="checkbox"/>	1. LANDFILL
	2. TANK		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. TREATMENT
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS. TREATMENT		5. MIDLIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY	<input checked="" type="checkbox"/>	8. OTHER (specify):
					9. OTHER (specify):		LINK

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED
 LINK

V. WASTE RELATED INFORMATION

A. WASTE TYPE
 1 UNKNOWN 2 LIQUID 3 SOLID 4 SLUDGE 5 GAS

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):

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

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
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY PHARMACEUT.
<input type="checkbox"/> (2) METALS SLUDGES	<input type="checkbox"/> (2) OTHER (specify):	<input type="checkbox"/> (2) NON-HALOGNTD. SOLVENTS	<input type="checkbox"/> (2) PICKLING LIQUORS	<input type="checkbox"/> (2) ASBESTOS	<input type="checkbox"/> (2) HOSPITAL
<input type="checkbox"/> (3) POTW		<input type="checkbox"/> (3) OTHER (specify):	<input type="checkbox"/> (3) CAUSTICS	<input type="checkbox"/> (3) MILLING/ MINE TAILINGS	<input type="checkbox"/> (3) RADIOACTIVE
<input type="checkbox"/> (4) ALUMINUM SLUDGE			<input type="checkbox"/> (4) PESTICIDES	<input type="checkbox"/> (4) FERROUS SMLTG. WASTES	<input type="checkbox"/> (4) MUNICIPAL
<input type="checkbox"/> (5) OTHER (specify):			<input type="checkbox"/> (5) DYES/INKS	<input type="checkbox"/> (5) NON-FERROUS SMLTG. WASTES	<input type="checkbox"/> (5) OTHER (specify):
			<input type="checkbox"/> (6) CYANIDE	<input type="checkbox"/> (6) OTHER (specify):	
			<input type="checkbox"/> (7) PHENOLS		
			<input type="checkbox"/> (8) HALOGENS		
			<input type="checkbox"/> (9) PCB		
			<input type="checkbox"/> (10) METALS		
			<input type="checkbox"/> (11) OTHER (specify):		

.08
HUNDRED TONS

V. WASTE RELATED INFORMATION

(continued)

OF SUBSTANCES OF GRE

AT CONCERN WHICH MAY BE ON THE SITE (pl

describing order of hazard).

BASE SOLUTIONS, METALS, INORGANICS & SLURRIES

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

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				
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				
SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUIDS				
SEWER, STORM DRAIN PROBLEMS				
EROSION PROBLEMS				
INADEQUATE SECURITY				
INCOMPATIBLE WASTES				
MIDNIGHT DUMPING				
OTHER (specify):				

VII PERMIT INFORMATION

STATE ALL APPLICABLE PERMITS BY THE S.

- 1. NPDES PERMIT
- 2. SPCC PLAN
- 3. STATE PERMIT (specify):
- 4. AIR PERMITS
- 5. LOCAL PERMIT
- 6. RCRA TRANSPORTER
- 7. RCRA STORER
- 8. RCRA TREATER
- 9. RCRA DISPOSER
- 10. OTHER (specify):

IN COMPLIANCE?

- 1. YES
- 2. NO
- 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number):

VIII. PAST REGULATORY ACTIONS

- A. NONE
- B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

- 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

X. REMEDIAL ACTIVITY (past or on-going)

- 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.

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SANITARY ENGINEERING SECTION

REPORT OF INVESTIGATION OR INSPECTION OF Solid Waste Disposal Site

Place visited J. R. Crutchfield Property Date March 18, 25, April 2 1980

Address Rt. 9, Greensboro, N. C. Time spent 1 hour

By whom Steve Phibbs, District Sanitarian, Division of Health Services
Bill Meyer, Solid and Hazardous Waste Management Branch, Raleigh, NC

Persons contacted Mr. J. R. Crutchfield, Mr. G. C. Harding, Mr. Heubert Atkins, Mr. Tom
Owens, and (Owner, agent, tenant, manager, other) Mr. Gregg Bennett

Reason for visit Complaint Investigation

Copies to: Central Files, Solid & Hazardous Waste Management Branch
Guilford County Health Department

REPORT:

On March 18, 1980, a complaint investigation was made of the J. R. Crutchfield property, Guilford County, N. C. The purpose of the visit was to investigate a solid waste disposal complaint. In conversation with Mrs. Crutchfield, it was learned that calcium carbide lime from Air Products Company, Greensboro, N. C. was being disposed of on the property of a neighbor, Mr. Heubert Atkins. Mrs. Crutchfield also stated that their well (58' deep) was suspected of being contaminated from this operation on Mr. Atkins' property. A water sample from the Crutchfield residence had been analyzed by Guilford Laboratories, Greensboro, N. C., and reported an acetylene concentration of 10 ppb. Mr. and Mrs. Crutchfield have stopped using the water from their well.

*rather, they reported < 10 ppb ACETYLENE.
DISREGARD since 10 ppb = detection limit*

On March 25, 1980, along with Mr. Gregg Bennett, Guilford County Health Department, a visit was made to Air Products Company and Mr. George Harding, Plant Superintendent discussed this situation with us. He stated that Mr. Atkins was under contract with Air Products to transport and dispose of liquid calcium carbide lime. Mr. Harding stated that Mr. Atkins was given a permit to dispose this material. The permit was issued by Mr. James Prillaman, Guilford County Inspection Department. A meeting was scheduled for April 2, 1980 to allow Mr. Atkins and Bill Meyer, Solid and Hazardous Waste Management Branch, to be present to conduct a site inspection of the disposal area.

The inspection of the Atkins property on April 2, 1980 revealed that Mr. Atkins was disposing of the liquid calcium carbide by allowing this material to drain and collect in an excavated area on his property. Mr. Atkins stated that he averages taking two loads/day to this site. Each load averaging 4,000 gallons each. A sample of the calcium carbide was collected at the Air Products Plant in order to check for maximum acetylene levels. Background and monitoring well samples may be taken to check for off-site migration.

*actually, carbide lime sludge { 90% H₂O
10% carbide lime*

A copy of the water sample analysis for J. R. Crutchfield has been received by this office from Guilford Laboratories, Greensboro, N. C. Results indicate that less than 10 ppb of acetylene were found in the sample and no contamination could be linked to the adjacent operation, at this time.

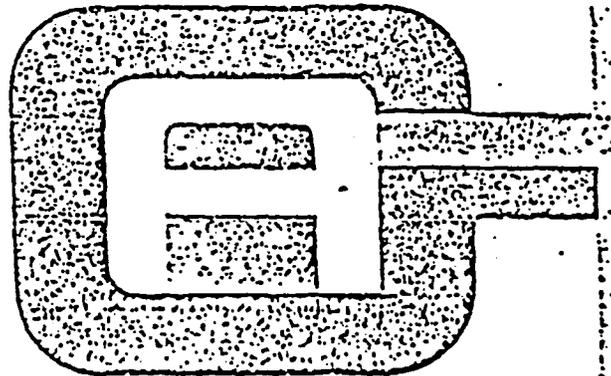
JAMES C. WATSON

Pamphlet G-1.5

**CARBIDE LIME
ITS VALUE
AND ITS USES**

*By-Product Calcium Hydrate from
Acetylene Generation
a Source of High Calcium Lime*

COMPRESSED GAS
ASSOCIATION, INC.
NEW YORK, NEW YORK



INTRODUCTION

Genesis of Carbide Lime — The Calcium Carbide-Acetylene Process

Carbide lime is a by-product obtained in the generation of acetylene from calcium carbide. It is variously referred to as carbide sludge, generator slurry, lime sludge, lime hydrate, and other such designations. Carbide lime is better described as: by-product calcium hydrate from acetylene generation, or simply, carbide lime.

By-product calcium hydrate is found wherever acetylene is produced from calcium carbide. The calcium carbide employed for the generation of acetylene is manufactured by the reduction of high quality lime by the carbon of selected coxes in the high temperatures of the carbide electric furnacing process. Production of acetylene (C_2H_2) is accomplished by the reaction of calcium carbide with water (H_2O) in properly designed acetylene generating equipment. In this process acetylene of the

highest purity is produced from the carbon (C) of the carbide and the hydrogen (H) of the water. The process also produces the subject carbide lime or by-product calcium hydrate ($Ca(OH)_2$), the latter obtaining its calcium from the carbide and its hydroxide radical from the oxygen and hydrogen of the water. The chemical equation for this reaction is:



Carbide lime is a potential top grade hydrated lime because of the high quality of the original raw materials of the process, and because of the very nature of the electric furnacing and acetylene generation steps through which the lime must pass.

By-product calcium hydrate from acetylene generation is a source of high calcium lime. Its economic and chemical usefulness is potentially comparable to that of commercial lime and hydrated lime in all fields of agriculture and farming, in building and construction, in industrial and chemical processes, and for numerous incidental purposes.

PART I

TABLE OF POTENTIAL USES

Lime and hydrated lime find use in many processes. In many instances carbide lime, or by-product hydrated lime, may be employed. The following table is suggestive of potential use or application. More detailed treatment of these applications is given in the text that follows:

FIELDS OF USES	FIELDS OF USES	FIELDS OF USES	FIELDS OF USES
Farming Soil-Conditioning Insecticide Fungicide Disinfectant Chemical Waste Treatment Pharmaceuticals Strychnine Quinine Organic Processes Lactic Acid Citric Acid Ethylene Oxide Ethylene Glycol Inorganic Processes Caustic Soda Calcium Salts Chlorinated-Hydrocarbons Trichloroethylene Perchloroethylene Bleaches Building Road Stabilization Sand-Lime Bricks Refractory Bricks Lime Mortar Lime Cement Concrete Waterproofing	Paper Waste Treatment Sulphite Process Sulphate Process Soda Process Rag Stock Strawboard De-inking Bleaching Ferrous Metals Waste Treatment Manganese Concentration Wire Mill Cleaner Casting Mold Liner Ore Reduction Non-Ferrous Metals Waste Treatment Magnesium Production Aluminum Production Cadmium Production Flotation Process Coating Cinder Pots Petroleum Waste Treatment Emulsion Breaking Heavy Greases Catalytic Cracking Washing Gases	Textile Wool Degreasing Waste Treatment Bleaching Rayon Acid Waste Soap Waste Treatment Calcium Stearate Glycerine Fatty Acids Sewage Waste Treatment Water Softening Lime Soda Process Lime Process Plastics Waste Treatment Coal & Coke Mine Waste Treatment Ammonia Recovery Gas Purification Ammonia Still Paints Water Paints Whitewash Varnish Casein Paints Linseed Oil	Meat Waste Treatment Canning Waste Treatment Citric Acid Recovery Sugar Waste Treatment Cane Refinery Beet Refinery Distilling Waste Treatment Tartrate Recovery Yeast Production Tanning Waste Treatment Hide Soaking Glue Gelatine Glass Sand Washing Lime Glass Dairy Waste Treatment

OFFICE OF WATER AND AIR RESOURCES

Water Quality Division

P. O. Box 27687

Raleigh, North Carolina 27611

REPORT OF Complaint Investigation (The disposal of Carbide Lime in Western Guilford Co.)Place visited Hubert D. Atkins Property (Western Guilford County) Date December 1, 1977Address Bunker Hill Road, Guilford County River Basin Cape FearBy Whom James C. Watson, Environmental Engineer Time Spent Eight (8) hoursPersons Contacted Mr. Hubert D. Atkins, Property Owner; Mr. Owen Braughler, Guilford County Envir. Health Dir.; Mr. James L. Prillaman, Guilford Co. Inspections Dir.; Mr. Walter L. Hannah, Attorney for Mr. Hubert D. Atkins & Mr. C. G. Harding, Plant Manager, Air Products and Chemicals, Inc.

Reason for Visit _____

Copies to: Mr. Robert A. Carter
Mr. M. W. Puette
Mr. L. P. Benton, Jr.
North Piedmont Field OfficeGroundwater Section/NPFO
Central Files

REPORT:

Mr. Carter telephoned NPFO about the above mentioned complaint of November 17, 1977. The call was taken by James C. Watson, Environmental Engineer, NPFO.

Details of the Complaint

The complaint involved the disposal of a by-product of Calcium Carbide from Air Product & Chemical, Inc. into an area near Bunker Hill Road in the Western Guilford County.

On November 21, 1977, the writer contacted Mr. Hubert D. Atkins, owner of the property upon which this by-product would be stored, to schedule a meeting. It was mutually agreed that the most opportune time for Mr. Atkins and the writer to meet would be November 25, 1977.

On November 22, 1977, the writer visited Mr. Owen Braughler, Director Guilford County Environmental Health, concerning the same disposal problem. At this time Mr. Braughler stated he had knowledge of such a request, but his department did not grant permits for such projects. He stated that a permit was issued by Mr. James L. Prillaman, Inspections Director, Inspections Department, Guilford County, North Carolina.

The writer then visited Mr. Prillaman at the County's Inspection Office and discussed same with him. Mr. Prillaman stated that he granted the permit after consulting with Mr. Owen Braughler, Director, Guilford County Environmental Health and after an investigation of the site by himself and members of his staff.

On November 25, 1977, the writer met with Mr. Hubert D. Atkins and Mr. Walter L. Hannah, Mr. Atkins' Attorney. Together we visited the proposed disposal site. The disposal site consisted of a 1-acre dry lake. Toward the lower end of the lake there was a drain pipe which would ultimately lead to a tributary to Reedy Fork Creek, however, there was a dam approximately 6 feet high, located 6 feet in front of subject drain way. (See enclosure for detailed schematic)

Chemical Break-down of Calcium Carbide by-product

On Monday November 28, 1977, the writer met with Mr. George C. Hardin, Plant Engineer Air Products company concerning the Calcium Carbide Product. Mr. Hardin produced pamphlet G-1.5 concerning carbide, lime and its usage by-product calcium hydrate from acetylene generation, a source of high calcium lime. (Please see enclosure¹⁵)

Recommendation and Conclusion

The writer recommends no further action be taken by the Division of Environmental Management. If the proposed precautions by Mr. Atkins are taken there will be no opportunity for the by-product to reach Reedy Fork Creek tributary. If the by-product should, by accident, reach the Reedy Fork Creek, there should be no adverse side effects.

Mr. Atkins proposes to truck two (2) tanker loads of carbide lime per day to a dry lake located on his property. (See map for location)

At this writing, Air Products and Chemicals, Inc., is not manufacturing acetylene from calcium carbide, therefore, Mr. Atkins service has not been required.

According to Mr. C. G. Harding, Plant Engineer, Air Products and Chemicals, Inc., the disposal was performed by Mr. James Coleman, Colfax Truck lines from 1973 to 1975. Mr. Coleman rented property from a Mr. Smith to use as a landfill for the carbide lime. (See map for location) The Smith property is across the road from the Atkins property. Mr. Harding states Mr. Atkins obtained the disposal contract with his firm because of his low bid and Mr. Coleman became bitter.

The complaint appears to be the result of a disagreement between Messrs. Harding, Coleman and Atkins.

CHARLOTTE BUDD LEE PAVING CO., 0521 HW. HOLLY ROAD

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1970 TO 1979. AT TIME OF USE, SITE WAS OWNED BY PRIVATE CONCERN OTHER THAN CHEMICAL COMPANY INCLUDED IN THIS SURVEY. SITE IS STILL BEING USED. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS. METHODS OF DISPOSAL INCLUDE MIXED INDUSTRIAL WASTE LANDFILL.

CHARLOTTE DOW CHEMICAL CORP., 92 MOOREHEAD GREEN ROAD 28219

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1962 TO 1979. AT TIME OF USE, SITE WAS OWNED BY PRIVATE CONCERN OTHER THAN CHEMICAL COMPANY INCLUDED IN THIS SURVEY. SITE IS STILL BEING USED. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS. METHODS OF DISPOSAL INCLUDE REPROCESSING AND/OR RECYCLING.

CHARLOTTE HARRISBURG PARK LANDFILL, PEACE RD

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1974 TO 1979. AT TIME OF USE, SITE WAS PUBLICLY OWNED. SITE IS STILL BEING USED. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ACID SOLUTIONS (WITH PH < 3), HEAVY METALS AND TRACE METALS (BORNED ORGANICALLY AND INORGANICALLY), ORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE MIXED INDUSTRIAL WASTE LANDFILL AND LANDFILL IN WHICH MUNICIPAL WASTE IS CO-DISPOSED.

CHARLOTTE MALLARD CREEK RD., 14700 MALLARD CREEK RD. 28213

SITE IS LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY AND IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1966 TO 1975. SITE IS NO LONGER IN USE. AMOUNT OF CHEMICAL PROCESS WASTE DISPOSED OF AT THIS SITE THROUGH 1978 WAS REPORTED AS 6 HUNDRED TONS. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE HEAVY METALS AND TRACE METALS (BORNED ORGANICALLY AND INORGANICALLY) AND ORGANICS. METHODS OF DISPOSAL INCLUDE HOMO INDUSTRIAL WASTE LANDFILL AND MIXED INDUSTRIAL WASTE LANDFILL.

CHARLOTTE MARTIN-MARIETTA AGGREGATES, AR, 11325 TEXLAND BLVD

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL DURING 1976. AT TIME OF USE, SITE WAS OWNED BY PRIVATE CONCERN OTHER THAN CHEMICAL COMPANY INCLUDED IN THIS SURVEY. SITE IS STILL BEING USED. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS. METHODS OF DISPOSAL INCLUDE UNCATEGORIZED METHODS.

CHARLOTTE MOSTELLER OIL CO., 2924 N. TRYON STREET 28206

SITE IS KNOWN TO HAVE BEEN USED FOR DISPOSAL, BUT FOR AN UNSPECIFIED PERIOD OF TIME. AT TIME OF USE, SITE WAS OWNED BY AN UNIDENTIFIED PARTY. SITE IS POSSIBLY OPEN OR CLOSED. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ACID SOLUTIONS (WITH PH < 3), BASE SOLUTIONS (WITH PH > 12), HEAVY METALS AND TRACE METALS (BORNED ORGANICALLY AND INORGANICALLY) AND ORGANICS. METHODS OF DISPOSAL ARE NOT KNOWN.

CHARLOTTE STATESVILLE ROAD LANDFILL, NORTHERN HICKLENSBURG COUNTY

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL IN 1971 AT LATEST. AT TIME OF USE, SITE WAS PUBLICLY OWNED. SITE IS NO LONGER IN USE. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS AND INORGANICS. METHODS OF DISPOSAL INCLUDE LANDFILL IN WHICH MUNICIPAL WASTE IS CO-DISPOSED.

CHARLOTTE STORY BURIAL AREAS, 6100 ORR ROAD 28213

SITE IS LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY AND IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1970 TO 1974. SITE IS NO LONGER IN USE. AMOUNT OF CHEMICAL PROCESS WASTE DISPOSED OF AT THIS SITE THROUGH 1978 WAS REPORTED AS 1 HUNDRED TONS. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS AND INORGANICS. METHODS OF DISPOSAL INCLUDE HOMO INDUSTRIAL WASTE LANDFILL AND PITS, POND AND LAGOONS.

COLFAX SMITH FARM COLFAX RD, RT-2 27235

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1973 TO 1974. AT TIME OF USE, SITE WAS OWNED BY PRIVATE CONCERN OTHER THAN CHEMICAL COMPANY INCLUDED IN THIS SURVEY. SITE IS NO LONGER IN USE. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE BASE SOLUTIONS (WITH PH > 12), HEAVY METALS AND TRACE METALS (BORNED ORGANICALLY AND INORGANICALLY) AND INORGANICS. METHODS OF DISPOSAL INCLUDE PITS, POND AND LAGOONS.

CONCORD BRET MCILAR, HWY 49 SOUTH 28025

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1969 AT LATEST. AT TIME OF USE, SITE WAS OWNED BY PRIVATE CONCERN OTHER THAN CHEMICAL COMPANY INCLUDED IN THIS SURVEY. SITE IS NO LONGER IN USE. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS, INORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE DRUMMED WASTE LANDFILL.

CONCORD CABARRUS COUNTY LANDFILL, TRISH POTATO ROAD 28025

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1969 TO 1979. AT TIME OF USE, SITE WAS PUBLICLY OWNED. SITE IS STILL BEING USED. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS, INORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE HOMO INDUSTRIAL WASTE LANDFILL.

CONCORD CABARRUS DISPOSAL COMPANY INC., 219 N. CHURCH ROAD 28025

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1970 TO 1978. AT TIME OF USE, SITE WAS OWNED BY PRIVATE CONCERN OTHER THAN CHEMICAL COMPANY INCLUDED IN THIS SURVEY. SITE IS NO LONGER IN USE. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS, INORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE MIXED INDUSTRIAL WASTE LANDFILL.

CONCORD SOUTHERN LATEX CORP., 161 BUFFALO AVE. 28025

SITE IS LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY AND IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1954 TO 1960. SITE IS NO LONGER IN USE. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS, INORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE HOMO INDUSTRIAL WASTE LANDFILL.

CONCORD SOUTHERN LATEX CORP., 379 CENTRAL DR. 28025

SITE IS LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY AND IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1958 TO 1960. SITE IS NO LONGER IN USE. AMOUNT OF CHEMICAL PROCESS WASTE DISPOSED OF AT THIS SITE WAS NOT REPORTED. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS, INORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE HOMO INDUSTRIAL WASTE LANDFILL.

CUMBERLAND COUNTY CUMBERLAND COUNTY LANDFILL, BURKE ROAD

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1974 TO 1979. AT TIME OF USE, SITE WAS PUBLICLY OWNED. SITE IS STILL BEING USED. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS. METHODS OF DISPOSAL INCLUDE LANDFILL IN WHICH MUNICIPAL WASTE IS CO-DISPOSED.

CUMBERLAND COUNTY HOPENILLS LANDFILL, OFF WIRE ROAD

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1972 TO 1974. AT TIME OF USE, SITE WAS PUBLICLY OWNED. SITE IS NO LONGER IN USE. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS. METHODS OF DISPOSAL INCLUDE LANDFILL IN WHICH MUNICIPAL WASTE IS CO-DISPOSED.