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NORTH CAROLINA

DEPARTMENT OF AGRICULTURE

RALEIGH, N. C. 27611

July 17, 1971

Report: On investigation of Fish Meal pasteurized at East Coast Terminal, Box 6, Wilmington, N. C. 28401.

Mr. Donald Ross, Federal Food & Drug, stated that the tolerance of polychlorinated biphenyls (PCB) is 5 parts per M.

We went to East Coast Terminals and saw Mr. Dean H. Morton, manager of operation at East Coast. Since this company only processed the fish meal and operates the place, Mr. Morton called Mr. Wallace E. Pratt, Darien, Conn., who is operation manager for South Pacific Protein, Inc. This company owns the fish meal and the plant. After talking with Mr. Pratt, Mr. Morton volunteered the following information:

1) They operate fish meal business under contract.
2) All sales in U. S. of Peruvian fish meal come through South Pacific Sales Organization.
3) Fish meal comes to Wilmington on boats and is trucked to the terminal and dumped on the floor.
4) Fish meal then loaded into hoppers with a front end loader. Meal fed from hopper into a pasteruizer, which is known as Holoflite Processor
5) This is a 2 large screw conveyors that have six in. pipes in center and screws are hollow.
6) Hot Therminol Fr. 1 is pumped through this. Temperature of oil is from 350 to 400 degrees.
7) Meal is fed from hopper into the housing for screw conveyor. Meal takes 4 to 5 min. to pass through this and reach temperature of 210 degrees F.
8) It is conveyed from this to holding conveyor, passing through in about 6 to 7 min. at 200 degrees.
9) Then goes to cooling conveyors (water pumped through it) stays for about 4 min. There are two of these and the meal stays 4 min. in each—total of 8 min. Cooled to about 120 degrees.
10) When leaves this goes to storage, box car, or trucks.
11) When in opeartion this coumpany processes 8 or 9 tons per hour. Usually operates 3 to 4 days a week for 24 hours each day.

PCB-ARCH-EXT0378695

JAMES A. GRAHAM,
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NORTH CAROLINA

DEPARTMENT OF AGRICULTURE

RALEIGH, N. C. 27611

The welded places in the Holoflite Processor were ruptured or leaked into meal and caked it. Meal in pasteurizer conveyor caked; oil level dropped as shown by gauge. Mr. Bob Dagines, sales representative for Western Precipitation Co., Los Angeles, Cal., was called and asked about repairing the leaks. When he did not, Mr. Morton and local help made temporary repairs. They are planning to replace all conveyors with stainless steel or plated stainless steel.

They first noticed oil leaking in fish meal April 30. Mill was closed and repairs made. Operation resumed May 5. After repairs completed and the 24 ft. long Holoflite Processor had pressure put on it to check for further leaks. It checked out all right.

Mr. Morton furnished the Department with copies of operating log sheets from April 30, 1971 through June 23, 1971. Noted on these sheets are things that happened to the pasteurizer and equipment during this period.

7/14 of this week a salesman from this company called and tried to sell another type of oil for the pasteurizing. Invoices for heating oil were furnished. They have on hand at present time 8/600 lb. drums of Therminol Fr. 1. Also copies of places which have bought fish meal from this company and the dates purchased.

There are 4 hopper cars loaded. Samples were taken from each car. There is a stock or raw materials about 200 ft. around, 30 ft. high, 85 ft. through it. There are 2 silos partially filled, estimated 50 T in each silo. Samples taken of raw material and silo also.

He estimates that he has processed 16000 T since April 30 and sold it. 25 to 30% sold in N. C.

Fred P. Nooe, Food and Drug Inspector
N. C. Department of Agriculture

BUILD NORTH CAROLINA BY USING NORTH CAROLINA PRODUCTS

PCB-ARCH-EXT0378696

July 21, 1971

Consignees in North Carolina who have received Peruvian Fish Meal from East Coast Terminal, Wilmington, N. C. in the past two months, information as of July 21, 1971.

Name of Consignee	Date of Shipment	Weight of Meal	Comments
Randolph Mills Franklinville, N. C.	7-2-71	76,400 lbs.	Shipped on ACL Rail Car No. 121380
Central Carolina Farms Durham, N. C.	7-16-71	---	Mr. Buck Easley indicates they will hold up this car for sampling.
	7-12-71	56,300 lbs.	Shipped on ACL Rail Car No. 121586
	7-2-71	79,000 lbs.	Shipped on SAL Rail Car No. 32304
	6-25-71	78,600 lbs.	Shipped on SCL Rail Car No. 420026
	6-18-71	64,400 lbs.	Shipped on ACL Rail Car No. 86582
Super Feeds Robbins, N. C.	7-9-71	62,900 lbs.	Shipped on ACL Rail Car No. 86582
	7-20-71	56,000 lbs.9	Shipped on SCL Rail Car No. 416473 Mr. Larry Purvis indicates SCL 416473 contains the 28 tons estimated above and it will be held for sampling.
Holly Farms Hickory, N. C.	7-13-71	60,200 lbs.	Shipped on ACL Rail Car No. 116010
	7-9-71	77,700 lbs.	Shipped on SAL Rail Car No. 31095
	7-8-71	64,400 lbs.	Shipped on SAL Rail Car No. 8771
	7-6-71	63,300 lbs.	Shipped on SAL Rail Car No. 8351
	7-1-71	80,200 lbs.	Shipped on ACL Rail Car No. 121063
	6-28-71	79,100 lbs.	Shipped on SAL Rail Car No. 32245
	6-23-71	65,100 lbs.	Shipped on ACL Rail Car No. 87996
	6-16-71	55,900 lbs.	Shipped on SAL Rail Car No. 32297

PCB-ARCH-EXT0378697

Name of Consignee	Date of Shipment	Weight of Meal	Comments
Holly Farms (Continued) Mocksville, N. C.	6-17-71	62,300 lbs.	Shipped on SAL Rail Car No. 7292
	6-15-71	85,600 lbs.	Shipped on SAL Rail Car No. 30558
	6-9-71	64,900 lbs.	Shipped on SAL Rail Car No. 7787
	6-11-71	64,900 lbs.	Shipped on SAL Rail Car No. 8266
Ralston Purina Wilson, N. C.	7-12-71	80,900 lbs.	Shipped on SAL Rail Car No. 30944
Central Soya Wilson, N. C.	6-23-71	60,700 lbs.	Shipped on SAL Rail Car No. 7235
	6-18-71	63,700 lbs.	Shipped on SCL Rail Car No. 830347
	6-17-71	61,500 lbs.	Shipped on SAL Rail Car No. 8815
			As of 7-21-71 Mr. Tony Justice indicated that all of the mentioned meal has been used. They are now using meal out of Southport.
H. J. Baker c/o Hornaday Hatcheries Robbins, N. C.	7-14-71	62,800 lbs.	Shipped on SCL Rail Car No. 686736
	7-8-71	109,700 lbs.	Shipped on SHPX Rail Car No. 61372
	7-8-71	75,400 lbs.	Shipped on SAL Rail Car No. 31770
	6-30-71	81,000 lbs.	Shipped on SAL Rail Car No. 30944
	6-24-71	64,700 lbs.	Shipped on ACL Rail Car No. 87194
	6-22-71	60,600 lbs.	Shipped on ACL Rail Car No. 116010
	6-18-71	64,300 lbs.	Shipped on ACL Rail Car No. 86349
	6-22-71	38,160 lbs.	By tractor-trailer
			As of 7-21-71 Mr. Luettow indicates one hopper received 7-14-71, will be held for sampling. Woodson and Tenant Laboratory, Memphis, Tenn.

PCB-ARCH-EXT0378698

Name of Consignee	Date of Shipment	Weight of Meal	Comments
H. J. Baker (Continued) c/o Hornaday Hatcheries Robbins, N. C.			has been engaged to run an independent sample for Baker.
Producers Feed Mill Monroe, N. C.	6-21-71	79,700 lbs.	Shipped on SAL Rail Car No. 32304
			As of 7-21-71, approximately 15 tons are left according to Mr. Wilson Griffin. Since Mr. Griffin is going on vacation, we can contact Charles Bivins if need further information.
Ralston Purina Charlotte, N. C.	7-8-71	51,700 lbs.	Shipped on SAL Rail Car No. 30558
	6-30-71	67,600 lbs.	Shipped on SCL Rail Car No. 830245
	6-16-71	78,500 lbs.	Shipped on ACL Rail Car No. 121528
			Mr. A. T. Custes will hold SAL 30944 (not indicated in these shipments) when this car arrives, presently being held up by the rail strike. The home office of Ralston Purina called Mr. Custes and told him not to unload the car.
C. C. Routh Bonlee, N. C.	7-12-71	65,500 lbs.	Shipped on ACL Rail Car No. 87529
			Have not received this car due to rail strike, will hold when it arrives.
B. M. Hancock Bonlee, N. C.	7-9-71	62,200 lbs.	Shipped on ACL Rail Car No. 86823
	6-30-71	63,500 lbs.	Shipped on ACL Rail Car No. 87257
	6-28-71	46,380 lbs.	By tractor-trailer
	6-23-71	45,640 lbs.	By tractor-trailer
	6-24-71	44,240 lbs.	By tractor-trailer
			B. M. Hancock, Jr. did not know whether the meal was from East Coast Terminal. Will call this office back.

PCB-ARCH-EXT0378699

Name of Consignee	Date of Shipment	Weight of Meal	Comments
Mid-State Farms Staley, N. C.	7-7-71	63,300 lbs.	Shipped on ACL Rail Car No. 87194
	6-28-71	76,600 lbs.	Shipped on ACL Rail Car No. 121644
	6-22-71	60,200 lbs.	Shipped on SCL Rail Car No. 416473
	6-16-71	78,300 lbs.	Shipped on ACL Rail Car No. 121380 Mr. George Holt indicates the mentioned meal has been used and that they are receiving meal by truck from Beaufort.
I. W. Bowling (Freight hauler presently, no chicken operation), Pittsboro, N. C.	7-9-71	42,580 lbs.	
	7-2-71	45,180 lbs.	
	6-29-71	46,020 lbs.	
	6-22-71	47,310 lbs.	
	6-15-71	44,560 lbs.	
Swift & Company Harrells, N. C.	7-15-71	38,460 lbs.	By tractor-trailer John Wickliffe indicates that 10,800 lbs. are still on hand and he will hold for our inspector.

PCB-ARCH-EXT0378700

Fish Meal Sampled at East Coast Terminal, 11/1/71

F. R. No.	Sample Source	PCB (ppm) as Aroclor 1242
78224 A	Processed Fish Meal Sampled at Processor Outlet (5 minute intervals: 1st Interval)	0.22
B	Same as 78224 "A": 2nd Interval	0.18
C	: 3rd Interval	0.29
D	: 4th Interval	0.26
E	: 5th Interval	0.19
F	: 6th Interval	0.14
78225 A	Fish meal from non-pasteurized lot in warehouse Bays 6, 8, and 10	0.18
B	" "	0.12
C	" "	0.22
78154 A	Fish meal, unpasteurized; sampled immediately prior to processing - Front end loader at hopper	0.09
B	" "	0.09
C	" "	0.11
78155 A	Fish meal, pasteurized; sample from delivery chute going on truck	1.87
B	" "	1.71
C	" "	1.67
78156	Monsanto Therminol No. 55 - Sample of heat exchanger fluid taken from pasteurizing system	18,600 (1.86%)
78157	Monsanto Therminol No. 55 - Unused material taken from intact barrel	$<$1 ppm
78226 A	Unprocessed Fish Meal from left side of storage warehouse, Bays 5 and 6	2.69
B	" "	2.50
78227 A	Unprocessed fish meal - Front of largest stock pile in warehouse	1.75
B	" "	7.58

(Continued)

PCB-ARCH-EXT0378701

F. R. No.	Sample Source	PCB (ppm) as Aroclor 1242
78228 A	Unprocessed Fish Meal, Back of Warehouse, Back of pile	0.29
B	" "	0.13
C	" "	1.33 2.02
78229 A	Processed Meal - Stored in warehouse - Separate pile from that being processed - Was sampled by Pouzar - FDA, 9/18/71	13.85
B	" "	14.9
78230 A	Recalled Meal, stored at Swift Warehouse	12.2
B	" "	14.9

PCB-ARCH-EXT0378702

Photo #1 – Long view of Inner Holoflite screws for heating unit

Photo #2 – Close up showing "face side" of flites (side that pushes meal.

Photo #3 – View of heating unit looking south or towards end where meal is fed in (down yellow chute)

Photo #4 – Shows "face side" of flites in heating unit showing recloded

Photo #5 – Shows "back fin" of flites, Oil circulates in ~~the~~ hump area shown.

Photo #6 – ~~[illegible]~~ Shot of holding unit looking north or to end where meal fed in

Photo #7 – feed drum of Thermenol. Small drum on left catches overflow from oil expansion tank (Photo #11)

Photo #8 – Close up of Thermal drum

Photo #9 – Circulating pump of ~~oil~~ oil system

Photo #10 – ~~Gas~~ Natural gas-fired boiler to heat oil

Photo #11 – Expansion tank of oil system (rises & falls with pressure of oil in system and overflows)

Photo #12 – gland end (north end) of heating unit showing ~~pipe~~ pipes where oil is pumped thru flites and comes back out same end thru shaft of screw

Monsanto

Classified by Underwriters Laboratories Inc. as to fire hazard only

THERMINOL® FR-1

HEAT TRANSFER MEDIUM

CAUTION!

CONTAINS CHLORINATED HYDROCARBONS

Avoid prolonged breathing of vapors or mists.

Avoid contact with eyes or prolonged contact with skin.

If skin contact occurs, remove by washing with soap and water. Following eye contact flush with water.

If clothing becomes soaked with fluid, launder before wearing again.

This product contains polychlorinated biphenyls, which some studies have shown may be an environmental contaminant. Extreme care should be taken to prevent any entry into the environment through spills, leakage, use, disposal, vaporization or otherwise.

Contact your Monsanto Representative regarding reclamation or disposal of used fluid.

LOT NO. KA 3118 912 PACKER

NET LEGAL	600 LB.	272.16 KG.	TARE	48 LB.	21.77 KG.
			GROSS	648 LB.	293.93 KG.

MONSANTO COMPANY, ST. LOUIS, MISSOURI 63166, U.S.A. 826.12-245.09/53

PCB-ARCH-EXT0378705

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
FOOD AND DRUG ADMINISTRATION

REGION IV, ATLANTA
60 EIGHTH STREET NE.
ATLANTA, GEORGIA 30309

July 21, 1971

Dr. W. Y. Cobb, State Chemist
North Carolina State Department of Agriculture
Analytical Division
Agriculture Building
Edenton Street,
Raleigh, North Carolina 27611

Sample 002-771 E, et al
Fish Meal -
East Coast Terminals, Inc.,
Wilmington, N. C.

Dear Dr. Cobb:

Confirming our telephone conversation of yesterday, we have completed analysis of samples of the four carloads and two silos of fish meal at Wilmington. Results of analyses have been confirmed by check analysis and TLC.

A copy of the report from our laboratory to me outlining the results of analysis on each sample is attached.

Sincerely yours,

Leslie O. McMillin
Regional Food and Drug Director

Attachment - Results of Analyses

PCB-ARCH-EXT0378706

EAST COAST Terminals, Inc.
Wilmington, N.C.

SAMPLE NO.	CAR - OR SILO NUMBER	SUB NO.	FISH MEAL - Analysis for PCB's As Aroclor 1242				
			ORIGINAL			CHECK	
			Quantitative HLC Microcoulometric	CONFIRMATION HLC EC	CONFIRMATION TLC	Quantitative HLC Microcoulometric	
002-771E	ACL86349	1	17.7 ppm	Yes	Yes	19.9 ppm	
		3	20.2	Yes	Yes	17.2 "	
		5	22.5	Yes	Yes	17.9	
002-772E	ACL86902	2	18.0	Yes	Yes	18.6	
		4	18.7	Yes	Yes	14.4	
		6	18.5	Yes	Yes	19.0	
002-773E	ACL122342	1	14.3	Yes	Yes	17.7	
		3	20.3	Yes	Yes	16.2	
		5	17.5	Yes	Yes	17.0	
002-774E	ACL122095	2	19.7	Yes	Yes	15.9	
		4	19.8	Yes	Yes	16.0	
		6	19.2	Yes	Yes	17.4	
002-775E	SILOS #2 1+2 #1	1	18.5	Yes	Yes	22.3	
		3	16.7	Yes	Yes	18.2	
	UNUSED Aroclor 1242	5	98.3%	Yes	Yes	101.1%	
	USED Aroclor 1242	6	47.2%	Yes	Yes	96.8%	
	UNprocessed MEAL	7	NONE (1.6 ppm SENS.)	—	—	NONE (0.3 ppm SENS.)	
		8	NONE	—	—	NONE	
		9	NONE	—	—	NONE	
		10	NONE	—	—	NONE	
		11	NONE	—	—	NONE	
		12	NONE	—	—	NONE	

PCB-ARCH-EXT0378707

C03120 EVDAG

158

224608 C13013 MSCEV485107

NAAUIJHZ RUEVFCZ0013 2101713-UUUU--RUEVDAG.

FM DHEW FDA ACFC SS ROCKVILLE MD/HWFD/

TØ RUEVDAG/3/STATE CHEMIST ANALYTICAL DIV DEPT ØF AGRIC EDENTØN BLDG RALEIGH NC 97366

TØ RUEVDAG/3/DIR CØNSUMER PRØTECTIØN DIV DEPT ØF AGRIC CAP BLDG RM 3-109 CHARLESTØN WVA

TØ RUEVDAG/3/STATE CHEMIST INSPECTIØN & REGULATØRY SERVICE STATE BØARD ØF AGRIC UNIV ØF MD CØLLEGE PK MD

BT

ØN JULY 16 FDA DISCØVERED THAT LEAKAGE ØF A PØLYCHLØRINATED BIPHENYL (PCB) CØNTAINING HEAT EXCHANGE FLUID HAD CAUSED THE CØNTAMINATIØN ØF LARGE QUANTITIES ØF PASTEURIZED FISHMEAL. THE PRØCESSING PLANT (EAST CØAST TERMINAL, WILMINGTØN, N.C.) STØPPED ØPERATIØNS AND BEGAN RECALLING ALL FISHMEAL SHIPPED BY THEM SINCE APRIL 30. FDA PRØVIDED THE U S DEPARTMENT ØF AGRICULTURE WITH A LIST ØF ALL SHIPMENTS FRØM THE PLANT SINCE APRIL 30 (ABØUT 16,000 TØNS) FØR USDA'S USE IN DETERMINING THE EXTENT TØ WHICH PØULTRY MAY HAVE BEEN CØNTAMINATED WITH PCB'S.

EW/KL

PCB-ARCH-EXT0378708

THE FØØD AND DRUG ADMINISTRATION HAS CØNCLUDED THAT THE FØLLØWING GUIDELINES SHØULD BE ADHERRED TØ FØR PRØVIDING ADEQUATE CØNSUMER AND ANIMAL PRØTECTIØN FRØM PCB'S IN PØULTRY, ØR IN FEED ØR FEED INGREDIENTS:

FDA WØULD NØT ØBJECT TØ THE DISTRIBUTIØN ØF PØULTRY CØNTAINING 5PPM ØR LESS PCB'S. THIS LEVEL IS APPLICABLE TØ THE EDIBLE TISSUE ØN A WHØLE TISSUE BASIS ØR TØ THE SEPARATE FAT REMØVED DURING SLAUGHTER ØR PRØCESSING AND INTENDED FØR USE AS A FØØD INGREDIENT. THE GUIDELINE REPRESENTS ØUR BEST JUDGMENT BASED ØN TØXICØLØGICAL INFØRMATIØN AVAILABLE AT THIS TIME, AND IS SUBJECT TØ CHANGE AS ADDITIØNAL TØXICØLØGICAL STUDIES ARE CØMPLETED.

PCB'S ARE ACCUMULATED AND STØRED IN FATTY TISSUES. FØR THIS REASØN ØUR PØLICY WITH RESPECT TØ PCB'S IN FEEDS ØR FEED INGREDIENTS IS AS FØLLØWS:

THE USE ØF FEED ØR FEED INGREDIENTS CØNTAINING DETECTABLE LEVELS ØF PØLYCHLØRINATED BIPHENYLS FØR FØØD PRØDUCING ANIMALS, PØULTRY ØR FISH IS NØT CØNDØNED ØR APPRØVED BY FDA. SUCH ADULTERATED FEEDS MAY BE USED AS FEED FØR ANIMALS NØT USED FØR FØØD, PRØVIDED THEY ARE NØT TØXIC TØ THE ANIMALS ØR FØR SUCH NØN-FØØD PURPØSES AS FERTILIZERS, ØR INDUSTRIAL CHEMICALS.

SIGNED: CHARLES H' PØGUE, ASSISTANT TØ THE DIRECTØR, DIV ØF FEDERAL STATE RELATIØNS, ØFFICE ØF THE EXECUTIVE DIRECTØR FØR REGIØNAL ØPERATIØNS

BT

PCB-ARCH-EXT0378709

September 28, 1971

Report: On day's work.

Mr. Pozard and Mr. Clark both of Federal Food and Drug and I made an observation check of Eastcoast Terminal, Wilmington, to-day. Mr. Dean Morton, manager of Eastcoast Terminal, stated that they had a ship of meal from Peru. This has been sampled by Federal Food and Drug Inspector from Atlanta District out of Fla.

This shipload of meal was stored on a pile of meal that was in the warehouse when Mr. Ross and I made a previous inspection. This meal stored in warehouse had not been treated. It was also sampled by Federal Food and Drug when we were there.

The returned fish meal and also the meal from storage bins and the meal in freight cars at Eastcoast Terminal is stored in Warehouse B and in a warehouse which they have rented from Northeast Chemical Co. (List of returned meal enclosed.)

The equipment for pasteurizing and conveying the fishmeal has been reworked and cleaned. The hollow flight conveyors used for pasteurizing have been replaced. They have been sprayed with stainless steel spray; electric welder with a blower was used to apply this material. The tunnels which the meal is conveyed through have been sprayed with stainless steel except the delivery screw conveyor. This has also been cleaned and saintized with quatenary ammonia.

The heating oil has been changed from therminol heating oil to FR-1 therminol No. 55(supposed to be free from PCBs) made by Monsanto, St Louis, Mo. FR-1 therminol has been drawn from heating unit and stored in 9½ barrels in yard. Also stored in a warehouse are 8 barrels of FR-1 which have never been used. Mr. Morton stated that he had been instructed by the legal department of his company to hold this therminol FR-1.

The expense of installation of new hollow flight conveyor, pasterizing and spraying of other conveyors and tunnels was estimated to be around $30,000. He also stated that meal was owned by Southern Pacific, Darien, Conn., Mr. Charles Burgess, President; Mr. Wallace Pratt, Operational Manager.

Fred P. Nooe
N. C. Department of Agriculture

PCB-ARCH-EXT0378710

5/TONS - 2,300.540

Attach to statement of Steel Scrap Shipped from Hagerstown Yard Shipped by

DATE		CAR NO.		WEIGHT
Loaded but Never shipped		SAL 31639	Wilbur Ellis	est. 10T
		ACL 122095	SPC	est. 40T
		ACL 122342	Wilbur Ellis	est. 45T
		ACR 86902	WE	est. 33T
		ACR 86349	WE	est. 33T
7-25	Super Feeds, Robbins, N.C.	SCL 416493	WE	60,800
7-25	Ralston Purina, Richmond, Ind.	ACR 89017	WE	111,200 (Est. 40T)
7-24	Campbell Soup Sumter, S.C.	SCR 835204	SPC	61,300
7-24	Campbell Soup Sumter, S.C.	SAL 35048	WE	159,800
7-24	Campbell Soup Sumter, S.C.	SAL 8746	WE	65,100 Est. 50T
7-24	Ralston Purina Wilson, N.C.	SCL 241294	WE & SPC	95,000
7-24	Campbell Soup Sumter, S.C.	SCL 416418	WE	60,300 (Est. 40T)
7-24	Holly Farms Hickory, N.C.	SAL 8351	SPC	63,000
7-24	Campbell Soup Co. Sumter, S.C.	SAL 32229	Wessel Duval	88,000
7-31	Campbell Soup Sumter, S.C.	SAL 7357	WE	64,400
7-27	Campbell Soup Fayetteville, Ark.	SAL 31375	WE	107,800
7-27	Super Feed Robbins, N.C.	NR 5063	WE	47,500
7-27	Ralston Purina Memphis, Tenn.	USRX 1404	WE	113,100 (Est. 45T)
7-28	Holly Farms Monroe, N.C.	ACR 120463	SPC	78,300 (Est. 30T)
7-28	Ralston Purina Tampa, Fla.	SAL 32039	SPC	50,500
7-31	Ralston Purina Richmond, Ind.	SAL 31459	WE	108,400
7-30	Holdenried Feed Cullman, Ala.	SCR 420026	WE	77,100
7-30	H. J. Baker Robbins, N.C.	SCR 686736	H. J. Baker	58,700
7-29	Lant Mills Chattanooga, Tenn.	SAL 7235	SPC, WE	63,400
8-02	Campbell Soup Fayetteville, Ark.	SP 100934	WE	115,700
8-02	Ralston Purina Lafayette, Ind.	NW 173723	WE	142,300
8-04	Ralston Purina Delmar, Del.	PC 126231	WE	74,900 (Est. 50T)
8-10	Holly Farms Mocksville, N.C.	SAL 31138	SPC	77,900 (Est. 50T)
8-10	Holly Farms Mocksville, N.C.	SCL 89135	SPC	80,000 (Est. 50T)
8-10	Holly Farms Mocksville, N.C.	SAL 32051	SPC	79,300 (Est. 50T)
8-10	Holly Farms Mocksville, N.C.	SAL 30951	SPC	78,400 (Est. 50T)
8-09	Holly Farms Hickory, N.C.	ACR 88285	SPC	69,200 (Est. 45T)
8-09	Holly Farms Hickory, N.C.	ACR 116010	SPC	60,000
				2630,360

Ocala Plant Ingram Cullman Lant Mills Chattanooga

PCB-ARCH-EXT0378711

DATE		CAR NO.		WEIGHT
8-10	Holly Farms Mocksville, N.C.	SAL 32245	DPC	79,50
8-10	Central Carolina Durham, N.C.	ACL 121586	DPC	56,60
8-13	Vantress Farms Flowery Branch, Ga.	SOU 98501	DPC	55,20
8-13	Ralston Purina Nashville, Tenn.	LN 37480	DPC	52,00
8-09	Swift & Co. Douglas, Ga.	SAL 30284	Diesel Duval	60,70
8-09	Swift Gainesville, Ga.	NC 22399	WE	81,40
8-09	Holly Farms Hickory, N.C.	ICL 830245	WE	69,200
8-09	Ralston Purina Charlotte, N.C.	SOU 96377	DPC	44,50
8-19	Ralston Purina Louisville, Ky.	LN 38584	WE	49,700
8-09	Campbell Soup Fayetteville, Ark.	SP 122544	WE	38,200
8-18	Wm. Davies	LN 37609	WE	101,000
8-18	B.M. Hancock	SAL 7787	WE	64,200
8-24	CC. Routh Bonales, N.C.	ACR 87529		64,20
8-24	Lanier Sales Gainesville, Ga.	SP 127026	WE	88,00
8-27	Loret Mills Chattanooga, Tenn.	SOU 97858	WE	123,890
8-12	Ralston Purina Charlotte, N.C.	SAL 30944		82,900
8-20	Loret Mills Chattanooga, Tenn.	ACL 120453	WE	77,000
Dup. ~~8-09~~	~~Hickory~~ Holly Farms ~~Hickory, N.C.~~	~~ICL 830245~~		Duplicate ~~68,200~~
9-03	Lester McCrary, Go Morton Food Malena, Ga.	SOU 97481		28,300
				1,213,510

TRUCKS

DATE	CUSTOMER		WEIGHT
7-23	Swift & Co. Harrells, N.C.	WE	23,400
7-26	Swift & Co. Harrells, N.C.	Baker, WE	5,690
7-26	Butler & Crumpler Roseboro, N.C.	WE	16,900
7-26	Butler & Crumpler Roseboro, N.C.	WE	16,200
7-26	Randolph Mills Franklinville, NC	QPC	40,860
7-26	Randolph Mills Franklinville, N.C.	QPC	32,120
7-27	Butler & Crumpler Roseboro, N.C.	WE	3,180
7-29	Security Mills, Inc. Royston, Ga.	W.J. Baker, WE	19,400
7-29	Wally Farms Hickory, N.C.	QPC	27,480
7-29	Wally Farms Hickory, N.C.	QPC	24,460
7-29	Wally Farms Hickory, N.C.	QPC	27,420
7-30	Wally Farms Monroe, N.C.	QPC	26,020
7-30	Wally Farms Monroe, N.C.	QPC	19,660
7-30	Wally Farms Monroe, N.C.	QPC	23,040
7-30	W. A. Davis Milling Co. High Point, N.C.	WO	10,160
8-04	Laurinburg Milling Co Laurinburg, N.C.	WE	9,350
8-04	Cargill (Mid State Mills) South Newton, N.C.	W. Carol	44,900
8-04	Loco Feed Mills Kinston, N.C.	WE	20,120
8-05	Producer Feed Mills Monroe, N.C.	QPC	46,780
8-19	Lanier Sales Hamzell, Ga.	WE	12,400
8-19	W. J. Baker (Beulaville milling) Robbins, N.C.	WE	47,860
8-25	W. J. Baker (Beulaville milling) Roberts, N.C.	WE	10,500
8-12	Allen Davis Co. Carterville, Ga.	WE	40,120
9-08	Mitchell Grain & Feed Royston, Ga.	WE	2,000
9-13	Ralston Purina Com. Farm Gray Summit, Mo.	WE	6,000
			557,210

PCB-ARCH-EXT0378713

P.O. Box 6
Wilmington, N.C.
Phone 910 763-[illegible]
Cable "SEACOR"
Telex 80122

East Coast Terminals, Inc.

Dry & Liquid Bulk Cargo Specialists

SEPTEMBER 29, 1971

DR. W. Y. COBB
STATE CHEMIST
N. C. DEPT. OF AGRICULTURE
RALEIGH, N. C.

DEAR SIR:

PER OUR CONVERSATION ON TUESDAY, SEPTEMBER 28TH, I AM FORWARDING YOU ANOTHER COPY OF THE LIST OF RAIL CARS AND TRUCK WEIGHTS.

THANK YOU FOR YOUR PATIENCE.

SINCERELY,

Betty Theisen
BETTY THEISEN

BJT

ENC.

Operated By

[illegible]

PCB-ARCH-EXT0378714

EAST COAST TERMINALS, WILMINGTON, N.C.
2,300,540 S/Tons

DATE	SHIPPER	CAR No.	BUYER	WEIGHT
		SAL 31639	Wilbur Ellis	est. 10T
Loaded but		ACL 122095	IPC	est. 40T
never shipped		ACL 122342	WE	est. 45T
		ACL 86902	WE	est. 33T
		ACL 86349	WE	est. 33T
7-25	Super Feed, Robbins, N.C.	SCL 416473	WE	60,800
7-25	Ralston Purina Richmond, Ind.	ACL 89017	WE	111,200
7-24	Campbell Soup Sumter, S.C.	SCL 835204	IPC	61,400
7-24	Campbell Soup Sumter, S.C.	SAL 35048	WE	159,800
7-24	Campbell Soup Sumter, S.C.	SAL 8746	WE	65,100
7-24	Ralston Purina Wilson, N.C.	SCL 241294	WE & IPC	94,560
7-24	Campbell Soup Sumter, S.C.	SCL 416418	WE	60,300
7-24	Holly Farms Hickory, N.C.	SAL 8351	IPC	63,300
7-24	Campbell Soup Co. Sumter, S.C.	SAL 32229	Wessel Duval	88,000
7-31	Campbell Soup Sumter, S.C.	SAL 7351	WE	64,400
7-27	Campbell Soup Fayetteville, Ark.	SAL 31375	WE	107,800
7-27	Super Feed Robbins, N.C.	NP 5063	WE	47,500
7-27	Ralston Purina Memphis, Tenn.	UPLF 1404	WE	113,100
7-28	Holly Farms Monroe, N.C.	ACL 120463	IPC	78,900
7-28	Ralston Purina Tampa, Fla.	SAL 32039	IPC	50,600
7-31	Ralston Purina Richmond, Ind.	SAL 31459	WE	108,400
7-30	Goldenrod Feed Cullman, Ala.	SCL 420026	WE	77,100
7-30	H. J. Baker Robbins, N.C.	SCL 686736	H. J. Baker	58,700
7-29	Lowe Mills Chattanooga, Tenn.	SAL 7235	IPC, WE	63,400
8-02	Campbell Soup Fayetteville, Ark.	SP 100934	WE	115,700
8-02	Ralston Purina Lafayette, Ind.	NW 172723	WE	142,300
8-04	Ralston Purina Delmar, Del.	PC 126231	WE	74,900
8-10	Holly Farms Mocksville, N.C.	SAL 31138	IPC	77,000
8-10	Holly Farms Mocksville, N.C.	ACL 89135	IPC	79,900
8-10	Holly Farms Mocksville, N.C.	SAL 32051	IPC	77,800
8-10	Holly Farms Mocksville, N.C.	SAL 30951	IPC	78,600
8-09	Holly Farms Hickory, N.C.	ACL 88285	IPC	67,600
8-09	Holly Farms Hickory, N.C.	ACL 116010	IPC	60,200
				2,630,360

DATE	SHIPPER	CAR No.	BUYER	WEIGHT
8-10	Holly Farms Mocksville, N.C.	SAL 32245	IPC	79,600
8-10	Central Carolina Durham, N.C.	ACL 121586	IPC	56,600
8-13	Vantress Farm Flowery Branch, Ga.	SOU 98501	IPC	55,200
8-13	Ralston Purina Nashville, Tenn.	LN 37480	IPC	51,640
8-09	Swift & Co. Douglas, Ga.	SAL 30284	Wessel Duval	60,700
8-09	Swift Gainesville, Ga.	NC 22399	WE	81,400
8-09	Holly Farms Hickory, N.C.	SCL 830245	WE	68,200
8-09	Ralston Purina Charlotte, N.C.	SOU 96377	IPC	44,780
8-19	Ralston Purina Louisville, Ky.	LN 38584	WE	49,700
8-09	Campbell Soup Fayetteville, Ark.	SP 122544	WE	38,200
8-18	Wm. Davies	LN 37609	WE	101,000
8-18	B.M. Hancock	SAL 7787	WE	64,200
8-24	C.C. Routh Bonalee, N.C.	ACL 87529		64,200
8-24	Lanier Sales Gainesville, Ga.	SP 127026	WE	88,000
8-27	Lout Mills Chattanooga, Tenn.	SOU 97858	WE	123,890
8-12	Ralston Purina Charlotte, N.C.	SAL 30944		80,900
8-20	Lout Mills Chattanooga, Tenn.	ACL 120453	WE	77,000
9-03	Lester McCrary, Co Morton Feed Molena, Ga.	SOU 97481		28,300
				1,213,510 lb

November 2, 1971

MEMORANDUM

TO : W. Y. Cobb

FROM : Fred P. Nooe

SUBJECT: East Coast Terminal Company

Mr. Dean Morton, manager of East Coast Terminal Company, Wilmington (fish meal pasteurizing) gave Mr. Bernard Haywood and me the following information:

(1) The amount of meal stored in the main warehouse where pasteurizing unit is located - one ship load; and amount stored in warehouse before ship received amounts to total of 19,114.298 tons.

(2) Amount of meal processed starting back in operation, started back 10/8/71; as of Friday 10/29/71 - 507.175 tons have been shipped out.

(3) The fish meal that was processed when Federal Food and Drug sampled, Pouzar, is stored in the warehouse in a separate pile near hopper. This pile is about 20 to 25 tons.

(4) The fish meal that was processed before 7/15/71 that is under embargo and has been returned is being moved from East Coast Terminal premises to warehouse about one mile from plant (Old Swift plant). This amounts to 2,340.505 tons.

PCB-ARCH-EXT0378717

Truck Shipment of Silo Wt.

Date	Shipper		Buyer	Weight
7-23	Swift & Co. Norfolk, N.C.		WE	23,400
7-26	Swift & Co. Norfolk, N.C.		Baker, WE	5,690
7-26	Butler & Crumpler Roanoke, N.C.		WE	16,900
7-26	Butler & Crumpler Roanoke, N.C.		WE	16,200
7-26	Randolph Mill Franklinville, N.C.		DPC	40,860
7-26	Randolph Mills Franklinville, N.C.		DPC	32,120
7-27	Butler & Crumpler Roanoke, N.C.		WE	3,780
7-29	Security Mills, Inc. Royston, Ga.		W.J. Baker, WE	19,400
7-29	Wally Farms Hickory, N.C.		DPC	27,480
7-29	Wally Farms Hickory, N.C.		DPC	24,460
7-29	Wally Farms Hickory, N.C.		DPC	27,420
7-30	Wally Farms Monroe, N.C.		DPC	26,020
7-30	Wally Farms Monroe, N.C.		DPC	19,660
7-30	Wally Farms Monroe, N.C.		DPC	23,040
7-30	W.A. Davis Milling Co. High Point N.C.		W.D.	10,160
8-04	Laurinburg Milling Co Laurinburg, N.C.		WE	9,350
8-04	Stegall (Wall) Feed Mill South Newton, N.C.		WD	44,900
8-04	Lee's Feed Mills Kinston, N.C.		WE	20,720
8-05	Producer Feed Mills Monroe, N.C.		DPC	46,770
8-19	Lanier Sales Hampton, Ga		WE	12,400
8-19	W.J. Baker (Boulevard Mill) Robbins, N.C.		WE	47,860
8-25	W.J. Baker (Boulevard Mill) Robbins, N.C.		WE	10,500
8-12	Wilson Davis Co. Cartersville, Ga.		WE	40,120
9-08	Mitchell & Bond Hatchery Royston, Ga.		WE	2,000
9-13	Royster Farina Corn Farm Mill Graylemont, Mo.		WE	6,000
				557,210
	Silo		est.	100 to

PCB-ARCH-EXT0378718