



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

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

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7/27/94
To File

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4WD-RCRA

JUL 20 1994

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Mr. Michael Merashoff
Facility Manager
Laidlaw Environmental Services of Bartow, Inc.
170 Bartow Municipal Airport
Bartow, FL 33830-9504

**HAZARDOUS WASTE
PERMITTING**

SUBJ: Compliance Evaluation Inspection (CEI)
Laidlaw Environmental Services of Bartow, Inc.
EPA ID No. FLD 980 729 610

Dear Mr. Merashoff:

The purpose of this letter is to transmit a copy of the May 5, 1994, CEI report referenced above.

The the Florida Department of Environmental Protection (FDEP) was the lead in this CEI, and authorized to implement any enforcement action which may be necessary.

In the event FDEP does not pursue a timely or appropriate enforcement action, please be advised that EPA, pursuant to the Memorandum of Agreement (MOA) with FDEP, retains the jurisdiction and authority to initiate an independent enforcement action.

A copy of this report has been transmitted to FDEP. In addition, FDEP also conducted a parallel permit compliance inspection, which extended into May 6, 1994. The extended FDEP inspection may cite other violations not identified in the EPA report.

If questions arise with regard to this matter, please contact Ralph T. Cline, of my staff, at (404) 347-7603.

Sincerely,

Jeffrey T. Pallas
Chief, GA/FL Unit
RCRA Compliance Section
Office of RCRA and Federal Facilities

Enclosure

cc: Elizabeth Knauss, FDEP - Southwest District
(Michael Redig, FDEP - Tallahassee

RCRA INSPECTION REPORT

1) Inspector and Author of Report

Ralph T. Cline, Environmental Engineer

FL/GA Unit, RCRA Compliance Section
RCRA Branch
Office of RCRA and Federal Facilities
Waste Management Division

2) Facility Information

Laidlaw Environmental Services of Bartow, Inc. (LESB)
170 Bartow Municipal Airport
Bartow, FL 33830-9504

EPA ID No. FLD 980 729 610

3) Responsible Official

Michael Merashoff
Facility Manager
(813) 533-6111

4) Inspection Participants

Michael Mershoff (LESB)
Mark Behl (LESB)
Martha Hamilton (LESB)
Paul Manak (LESB)
Gilbert Dembeck - FDEP Victor San Agustin - FDEP
Ralph Cline - USEPA

5) Date of Inspection

This inspection occurred May 5, 1994, and is the principal subject of this report.

6) Applicable Regulations/Requirements

Florida Administrative Code (FAC) 17-730.001 - 17.730.220, which is equivalent to 40 C.F.R. Parts 260-270, and Permit No. HO53-182726A (Expiration 12/10/96).

7) Purpose of Inspection

This was a Compliance Evaluation Inspection (CEI) and Oversight Inspection conducted pursuant to the FY 94 Memorandum of Agreement (MOA) between EPA and the State of Florida. The CEI was conducted to determine compliance with RCRA regulations. In addition, FDEP also conducted a permit

Inspection Report - LESB

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compliance inspection, which extended into May 6, 1994. This extended inspection may cite other violations not identified in this report. LESB is classified as a generator, and is a permitted hazardous waste storage, recycling, and fuel blending facility. LESB is also a registered hazardous waste transfer facility.

8) Facility Description

Wastes are stored in drums and tanks for reclamation of solvents and fuel blending. Hazardous transfer facility wastes are stored for up to ten days in trucks/trailers inside the facility driveway. Operations include vacuum distillation, thin film evaporation, solvent extraction and fractional distillation to recover solvents according to customer specifications. Fuel blending operations are conducted in three permitted fuel blending tanks and associated equipment. A flow diagram of the facility is shown in Figure 1.

9) Findings

Observations

Several areas of the facility showed evidence of contaminant exposure/release to the environment. Tanks R-202/203, used for the storage of hazardous still bottoms, indicated waste stains in the secondary containment floor. The sides of a tank used for fuel blending (T-112) were stained with wastes, as was an opening around the top cover. Waste contaminated piping and valves were stored on the ground outside the Maintenance Shop.

The recordkeeping provisions of 40 C.F.R. § 264.373 specify that the owner or operator must keep a written operating record at the facility, including the method of waste treatment specified by handling code (Part 264 Appendix I). An operating record review indicated that waste treatment methods were not being documented.

Inspection records for the permitted facility were found to be complete. However, the current inspection checklist does not have sufficient detail on the transfer facility to check for leaking containers as well as a check on the storage area. Section 17-730.171(2)(a), F.A.C. provides that hazardous waste transfer facilities are subject to the inspection and recordkeeping requirements of 40 C.F.R. 265, Subparts B,C,D and I.

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Section 17-730.171(2)(b), F.A.C. provides that a transfer facility shall have a written closure plan which satisfies the standards of 40 C.F.R. §§ 265.111, 265.112(c), 265.114, and 265.115. LESB was unable to produce a closure plan for the transfer facility.

LESB submitted a self reporting letter to FDEP on May 5, 1994, regarding the receipt of one drum of unpermitted hazardous waste from ECOFLO, Inc., containing waste codes U071, U072 and U207. This drum was mixed with other wastes in storage tank T-102, and subsequently shipped to customers. Section 403.727(1)(c), F.S. and 40 C.F.R. § 270.30(a) provide that a permitted facility must be in compliance with the permit. Permit No. HO53-182726A does not allow for the acceptance of these waste codes.

The contents of tank T-102, containing unpermitted hazardous waste referenced previously, were shipped as follows; two loads to Giant Cement, Harleysville, SC (Manifest Nos. 04532 & 04537), one load to Systech Environmental Services, Demopolis, AL (Manifest No. 04533), and one load to Holnam Cement, Artesia, AL (Manifest No. 04543). The unpermitted waste codes were not identified in Manifest Nos. 04532, 04537, and 04533. Section 17-730.160(4) F.A.C. provides that a generator who transports or offers for transport, hazardous waste for offsite treatment, storage and disposal must prepare a manifest according to instructions provided in the Appendix to 40 C.F.R. Part 262, which includes the identification of all waste codes. In addition, 40 C.F.R. § 268.7 provides that if a generator determines that he is managing a waste restricted from land disposal and if the the waste does not meet applicable treatment standards, the generator must notify the receiving treatment or storage facility, in writing, of the appropriate treatment standards. 40 C.F.R. § 268.35 identifies Hazardous Waste Codes U071, U072 and U207 as being prohibited from land disposal.

Violations

LESB failed to operate the Bartow facility in a manner which minimizes the release of hazardous waste and hazardous constituents, as required by 40 C.F.R. § 264.31.

LESB failed to maintain a written operating record of the waste treatment methods and handling codes employed at the Bartow facility, as required by 40 C.F.R. § 264.373 and as specified in Part 264 Appendix I.

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LESB failed to keep adequate inspection records on the Bartow transfer facility, as required by Section 17-730.171(2)(a), F.A.C., and therefore 40 C.F.R. Part 265, Subparts B,C,D and I.

LESB failed to produce a written closure plan for the Bartow transfer facility, as required by Section 17-730.171(2)(b), F.A.C..

LESB failed to comply with Permit No. H053-182726A by accepting hazardous wastes not specified in the permit, as required by 40 C.F.R. § 270.30(a) and Section 403.727(1)(c), F.S..

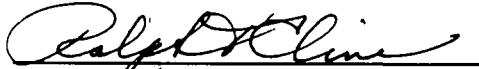
LESB failed to completely specify hazardous waste codes on the manifests of three shipments, as required by Section 17-730.160(4), F.A.C..

LESB shipped restricted wastes to a treatment or storage facility without an appropriate land disposal notice, as required by 40 C.F.R. § 268.7.

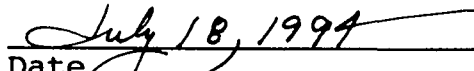
Inspection Report - LESB

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10) Signed




Ralph T. Cline
Inspector

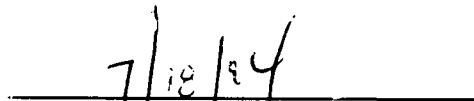


Date


11) Concurrence



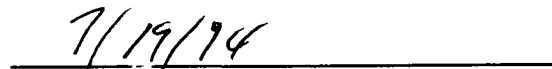
Jeffrey T. Pallas, Chief
GA/FL Unit



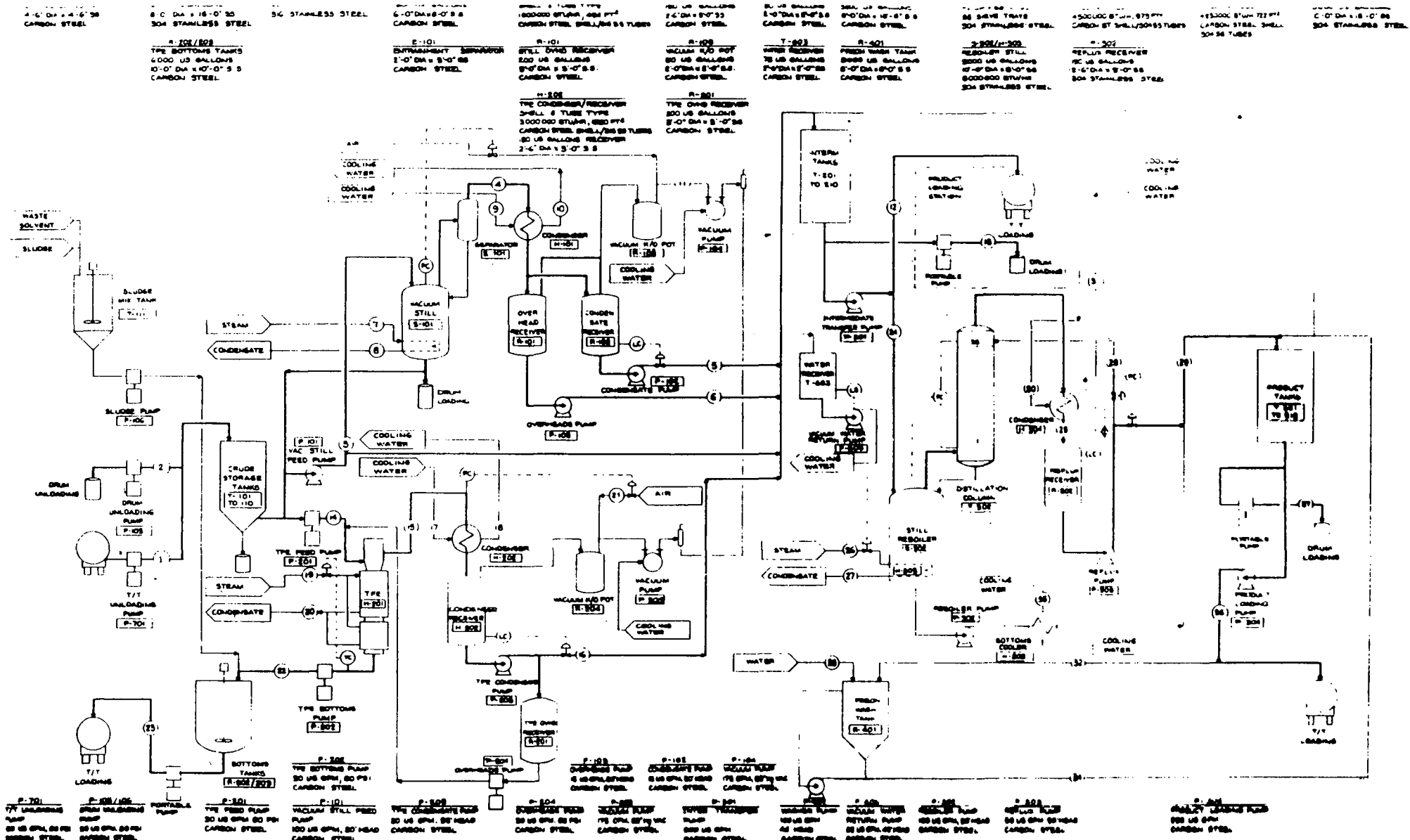
Date



John E. Dickinson, P.E.
Chief, RCRA Compliance Section



Date



UNIT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Flow Rate (GPM)	100	50	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	
Pressure (PSI)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
Temperature (°F)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	

FIGURE 1

SOLVENT RECOVERY PLANT PROCESS FLOW SHEET