

References 1A -

Correspondence

- 1A-01 – 1A-02 Columbia Forest Products (Doane Cowan) to DEQ-Lynchburg (Allen Armistead), May 4, 1995, regarding UV coatings (portion of letter)
- 1A-03 – 1A-04 Air Inspection Report by Craig R. Nicol, DEQ-Lynchburg, January 6, 2004.
- 1A-05 DEQ-Lynchburg Draft Intra-Agency Memorandum by Craig R. Nicol, January 14, 2004.
- 1A-06 DEQ-Lynchburg Intra-Agency Memorandum by Craig R. Nicol, February 6, 2004.
- 1A-07 Virginia DEQ Office of Air Quality Monitoring, Microscopic Analysis Form, February 10, 2004.
- 1A-08 – 1A-09 Gillispie, Mitchell, Watson, et al, to Thomas L. Henderson, Director, DEQ South Central Regional Office, "Request for Public Hearing Concerning New Boiler for Columbia Forest Products - Chatham," January 5, 2005.

**4 COLUMBIA
FOREST
PRODUCTS**
PANEL PRODUCTS DIVISION

1A-01

MAY 04 1995

DEQ LYNCHBURG

100 Paul Road S.W.
P.O. Drawer F
Chatham, Virginia 24531
(804) 432-2591
FAX (804) 432-1598
(800) 543-6093

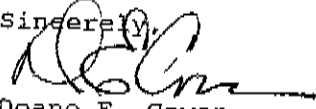
Allen Armistead
Commonwealth of Virginia
Department of Environmental Quality
Air Regional Office
7701-03 Timberlake Road
Lynchburg, VA 24502

Dear Mr. Armistead:

Per our discussion, enclosed are a process description of the ultraviolet finishing system. In addition you will also find msds sheets for the coatings, a drawing of the production system layout, small dust collector specification sheet and an article on UV coatings and related processes.

If you have any questions or need additional information, please call.

Sincerely,


Doane E. Cowan
Divisional Engineer

First Aid

Skin Contact:

Areas affected should be washed with large volumes of soap and water. Cleaning of the affected area should under no circumstances be performed by the use of solvents. Accidents involving contact with large quantities of U.V. curable materials should be treated immediately by first removing any contaminated clothing, and then thoroughly cleansing the area with copious quantities of soap and water. Parts of the body not easily cleaned, such as ears, nose, hair and under the fingernails etc., must receive particular attention. A physician should be notified of any major contact with U.V. curable materials.

Eye Contact:

Eye contact with U.V. curable materials must be treated immediately by flushing the eye with large quantities of water for at least 15 minutes. This should be followed by qualified medical attention.

Ingestion:

Ingestion of these materials is unlikely. However, the victim should not be induced to vomit and should receive prompt medical attention.

Inhalation:

Inhalation of vapours from these types of materials may cause dizziness, headaches, and respiratory irritation. If inhalation occurs, the patient should be removed from the contaminated area. The patient should be kept warm and oxygen administered if required. Prompt medical attention should be sought.

Vapours caused by the combustion of U.V. curable products are extremely irritating and must be avoided. Proper respiratory protection must be worn if a fire occurs in any area where U.V. curable products are present.



Commonwealth of Virginia

Registration No:	30120	AFS Plant ID:	143-00017
Plant Name:	Columbia Forest Products	Classification:	Synthetic Minor
Address:	100 Paul Rd SW	Region:	SCRO

AIR INSPECTION REPORT

Inspection Date:	12/19/03	Contact Name:	Doane Cowan
Type:	PCE With Site Visit	Contact Phone No:	(434)432-2591
Inspector:	Craig R Nicol	<u>Air Program</u>	<u>Subpart</u>
Inspection Result:	In Compliance	PESOP	
Reason:	Compliance Assistance	SIP	

Inspector Comments:

A Partial Compliance Evaluation (PCE) was conducted on December 19, 2003 at the Columbia Forest Products facility located in Chatam, Virginia. The visit was conducted to further evaluate issues related to public/citizen complaints.

The facility operates a hardwood panel consolidation facility under a Stationary Source Permit to Operate dated August 28, 2003. The permit includes emission limits for Particulate Matter (PM), Sulfur Dioxide (SO₂), Volatile Organic Compounds (VOC's), Formaldehyde, and Methanol. Equipment that contributes to these emissions include the 7.0 Mbtu/hr boiler, UV Coating line, and general woodworking processes.

On December 1, 2003, SCRO received a call from another citizen of Chatam in regard to the Columbia Forest facility. The question was not in regard to air issues.

On December 10, 2003, as a result of the December 1, 2003 call to SCRO in regard to Columbia Forest, DEQ staff conducted surveillance of the facility noting no excess emissions from the boiler, fabric filter, silo load-out, or excess noise.

On December 19, 2003, DEQ staff conducted an onsite Compliance Assistance visit. During the visit DEQ staff met with Mr. Doane Cowan (Plant Engineer), Mr. Murry Whittle (Maintenance Supervisor), and Mr. Jim Hawn (Plant Electrician). The facility is currently working 24 hours a day Monday through Friday with occasional operations occurring on weekends if needed.

The boiler that provides process steam for the facility operates 24 hours a day 5 days a week with the boiler being placed in an idle state over weekends. Visible emissions were 10% opacity with the boiler operating at 80 psi during the visit. In the past 3 years the facility has made a series of improvements including replacement of the boiler building, switching from manual controls to more efficient electronic controls, adding underfire air to ensure better combustion, relined refractory, replaced multi-cyclone with a new one including the rotary valve, and is in the process of replacing the Induced Draft (ID) fan. The boiler tubes are cleaned once every two weeks and blow-downs occur manually once per shift.

The wood hog in the past two years went from being diesel to electric thus reducing emissions from the unit. The facility only operates the unit during the morning shift to keep potential noise issues to standard business hours (7am- 3pm).

The facility's dust is contained in a totally enclosed transfer system. The dust is collected and sent through a cyclone and fabric filter. The company replaced the fabric filter and added the cyclone in the past year to aid in the reduction of any potential dust or particulate emissions. The fabric filter was scheduled to have all 483 filters replaced by the end of 2003. No visible emissions were noted from this unit during the visit.



Commonwealth of Virginia

Registration No: 30120	AFS Plant ID: 143-00017
Plant Name: Columbia Forest Products	Classification: Synthetic Minor
Address: 100 Paul Rd SW	Region: SCRO

In regard to noise, the facility has completed a battery of Vibrational/Frequency Analysis Tests. As a result of these tests, the facility has contracted a vendor to help with the replacement of one fan in January 2004. Other fans are being dynamically balanced with replacement of bearings, shims and drive systems. The company has also ordered noise blankets. It should be noted that there is a double train track between the residence of concern and the facility. In a period of approximately two hours, four different trains passed by adding to the potential for excess noise.

Craig R. Nicks

Inspector's Electronic Signature

Approval Date: Dec 24, 2003

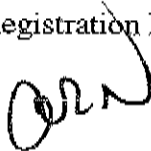
[Handwritten Signature]

Manager's Electronic Signature

Approval Date: 12-24-03

COMMONWEALTH OF VIRGINIA
Department of Environmental Quality
South Central Regional Office

DRAFT**INTRA-AGENCY MEMORANDA**

TO: Columbia Forest Products (Chatam Facility) Registration No. 30120
FROM: Craig R. Nicol, Environmental Specialist II 
SUBJECT: Visit Mitchell Residence in regard to citizen compliant/concern
DATE: January 14, 2004

Mr. David Miles, Mr. Bob Goode, and Mr. Craig Nicol (all representatives from DEQ's South Central Regional Office) conducted a site visit at the home of Mr. & Mrs. Henry Mitchell (242 Whittle St., Chatam, Virginia). Mr. & Mrs. Mitchell, Sarah Mitchell, Mr. Harry Gillespie and Judge Watson were all present.

The visit was conducted in regard to a citizens compliant/ concern about noise and air pollution being generated from Columbia Forest Products, Chatam facility (Registration No. 30120).

During the visit DEQ staff observed what appeared to be unburned wood-waste on several vehicles. The boiler and dust collection equipment at the facility were operating with no visible emissions above the permit limits.

Mr. Mitchell stated that since 1975 the noise, odors, and fallout have all gotten worse with particular changes occurring in the fall of 2002 and spring of 2003.

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
Air Division
Air Monitoring Section
INTRA-AGENCY MEMORANDUM

TO: Manager, Air Monitoring Section

FROM: Director, Region ECRO

SUBJECT: Request for Microscopic Inspection

DATE: 02/06/04

It is requested that a microscopic inspection be performed on the enclosed sample(s).

Sample(s) Description:

- # 1 - WINDOW SEAL (PLANT SIDE) (TRAIN TRACK SIDE) (2/5/04)
- # 2 - WINDOW SEAL (PLANT SIDE) (TRAIN TRACK SIDE) (2/5/04)
- # 3 - CAR ROOF & HOOD (2/5/04)
- # 4 - (1/2) SAMPLE (OVERNIGHT LEFT OUT) FROM HOME OWNER CN 1/5/04

All samples may contain wood dust, BOILER MATERIALS OR DRIFTING BURNED WOOD, TRAIN BRAKE DUST, ETC.

Suspected source(s): BOILER, BARNHOUSE, TRAIN

G. R. Noel 2/6/04

[Signature]
Regional Director

Virginia Dept. of Environmental Quality
Office of Air Quality Monitoring
Microscopic Analysis Form

Submittal No. M0515

Submitted by: Craig Nichol, Air Inspector

Date sample received: 2/9/04

Sample description: Three plastic vials and one petri dish, all containing loose sample material

Analytical results: (Include date of completion of analysis and signature of responsible party)

Identified:

Sample #1 (Collected from window seal on 2/5/04) – The sample contained large amounts of pollen, mineral particulate, wood dust, combustion products (including wood and oil) and coal dust. In addition, there were smaller amounts of metal, partially fused ash, stellate hairs, insect parts, fungus and paint.

Sample #2 (Collected from window seal on 2/5/04) – The sample contained large amounts of pollen, wood dust, burned wood, mineral particulate and coal dust. In addition, there were smaller amounts of metal, stellate hairs, fungus, partially fused ash, paint and rust.

Sample #3 (Collected from car roof and hood on 2/5/04) – The sample contained mostly algae and pollen. Also present were wood dust, fungus, and some combustion products.

Sample #4 (Yard sample left out overnight on 1/5/04) – There was not a large amount of sample material to analyze, but several individual particles that were attached to the dish consisted of charred wood and wood dust, and large agglomerates of wood dust, ash, and charred material.

C. M. Stevens
2/10/04

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January 5, 2005

Mr. Thomas L. Henderson, Director
DEQ South Central Regional Office
7705 Timberlake Road
Lynchburg, VA 24502

Re: Request for public hearing concerning new boiler for Columbia Forest Products - Chatham.

Dear Mr. Henderson:

Mr. David Abts, plant manager at Columbia Forest Products - Chatham, has advised local citizens and members of the Chatham Town Council that the company plans to install a new boiler during 2005.

We are requesting that a public hearing be held regarding this proposed change, on the basis of its controversy.


We contend that the present boiler is being utilized for the burning of a half million pounds or more per year of plastics (including acrylic stains and finishes, and urea-formaldehyde and polyurethane resins), whereas the air permit specifies wood wastes as the approved fuel. We are presently seeking cessation of this dangerous practice, and are concerned that the proposed new boiler would increase the volumes of material burned and thus exacerbate the present problem for the surrounding community.

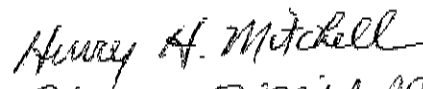
Thank you for your attention to this matter.

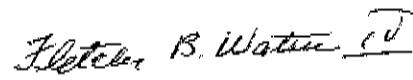
Yours truly,

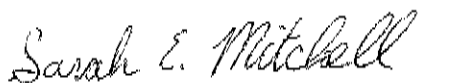
(Signatures on next page)


Gillispie, Mitchell, Watson, et al, to Henderson
January 5, 2005
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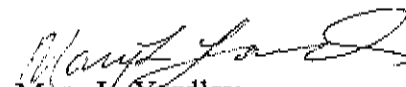

Harry & Sylvia Gillispie
1368 Moses Mill Road
Chatham, VA 24531-3703


Henry & Patricia Mitchell
P. O. Box 429
Chatham, VA 24531-0429


Fletcher B. Watson, IV
P. O. Box 339
Chatham, VA 24531-0339


Sarah E. Mitchell
P. O. Box 846
Chatham, VA 24531-0846


Rebecca Edwards
P. O. Box 65
Chatham, VA 24531-0065


Mary L. Yardley
202 Whittle Street
Chatham, VA 24531-4638

Copies to:

- Mr. Robert G. Burnley, Director, DEQ, P. O. Box 10009, Richmond, VA 23240
- Mr. David J. Brown, Air Permit Manager, DEQ South Central Regional Office,
7705 Timberlake Road, Lynchburg, VA 24502
- Ms. Kathy Frahm, DEQ Director of Policy, P. O. Box 10009, Richmond, VA 23240
- Ms. Helen Tansey, The Nature Conservancy, 530 E. Main St, Suite 1020,
Richmond, VA 23219

Copies to local officials:

- The Hon. Charles Hawkins, Virginia Senate, P. O. Box 818, Chatham, VA 24531
- The Hon. Robert Hurt, Virginia House of Delegates, P. O. Box 2, Chatham, VA 24531
- The Hon. George Haley, Mayor, Town of Chatham, P. O. Box 370, Chatham, VA 24531