Crist Engineers, Incorporated

1405 North Pierce Street, Suite 301
Little Rock, Arkansas 72207
Telephone (501) 664-1552
Facsimile (501) 664-8579
www.cristengineers.com

Consulting Engineers

Larry D. Gaddis
Stewart W. Noland
Leslie B. Price
Richard W. Zelnick
Matthew D. Dunn

RT

7178

RECEIVED
SEP - 3 2009
By VH

September 2, 2009

Mr, Steven L. Drown
Chief, Water Division
Arkansas Dept. of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Reference: NPDES Permit AR0035602
Trumann, Arkansas

Dear Sir:

Part 1, Section B., paragraph 8.b., Activity Number 1, of the above calls for submittal of the results of an industrial user survey. In compliance with this requirement, the attached industrial user surveys are provided on behalf of City of Trumann.

Similar information submitted in the past in response to the requirements of renewed permits has not caused the Department to require Trumann to develop a pretreatment program, and Trumann proposes not to develop a pretreatment program at this time unless directed otherwise by the Department.

Sincerely,

Larry D. Gaddis

cc: Mr. Scotty Jones, Manager
Trumann Waterworks

0813

INDUSTRIAL WASTEWATER SURVEY

Section A - General

A.1. Company name, mailing address, and telephone number:

Ashley Lighting
405, Industrial Dr
Truman, AR
Zip Code 72472 Telephone 870-483-6181

A.2. Address of production or manufacturing facility, (If same as above, check [✓]).

Zip Code _____ Telephone _____

A.3. Name, title, and telephone number of person authorized to represent this firm in official dealings with City:

Ron Smith, Vice President 870-483-6181

A.4. Identify the type of business conducted (auto repair, machine shop, electroplating, warehousing, painting, printing, food processing, etc):

Lighting manufacturer

A.5. Provide a brief narrative description of the manufacturing, production, or service activities your firm conducts:

We manufacture, assemble, & inspect lighting fixtures used in the hospitality market.

A.6. List the Standard Industrial Classification Number (s) (SIC Code) that apply to your facilities:

335122

A.7. This facility generates the following wastes (check all that apply):

			Average (gal per day)		
1.	[X]	Domestic wastes (restrooms, employee showers, etc)	_____	[✓] estimated	[ ] measured
2.	[ ]	Cooling water, non-contact	_____	[ ] estimated	[ ] measured
3.	[ ]	Boiler/tower blowdown	_____	[ ] estimated	[ ] measured
4.	[ ]	Cooling water, contact	_____	[ ] estimated	[ ] measured
5.	[ ]	Process	_____	[ ] estimated	[ ] measured
6.	[ ]	Equipment/ facility washdown	_____	[ ] estimated	[ ] measured
7.	[*]	Air pollution control unit	_____	[ ] estimated	[ ] measured
8.	[ ]	Stormwater runoff to sewer	_____	[ ] estimated	[ ] measured
9.	[ ]	Other (describe)	_____	[ ] estimated	[ ] measured

A.8. Wastes are discharged to:

		Average (gal per day)		
[✓]	Sanitary sewer	_____	[✓] estimated	[ ] measured
[ ]	Storm sewer	_____	[ ] estimated	[ ] measured
[ ]	Surface water	_____	[ ] estimated	[ ] measured
[ ]	Ground water	_____	[ ] estimated	[ ] measured
[ ]	Waste haulers	_____	[ ] estimated	[ ] measured
[ ]	Evaporation	_____	[ ] estimated	[ ] measured
[ ]	Other (describe)	_____	[ ] estimated	[ ] measured

Section B - Facility Operation Characteristics

B.1. Number of employee shifts worked per 24-hour day: 1 8hr shift

B.2. Starting times and employees per shift:

1st 7:00 (am, pm), Employees this shift 35

2nd _____ (am, pm), Employees this shift _____

3rd _____ (am, pm), Employees this shift _____

B.3. Principal product produced: Lighting Fixtures

B.4. Raw materials and process additives used: Metal, electrical products, resin, & paint

B.5. Production process is:

[X] Batch [ ] Continuous [ ] Both (___% batch, ___% cont)

Average number of batches per 24-hour day 300

B.6. Hours of operation: 7:00 am to 5:00 pm [ ] continuous

B.7. Is production seasonal? [ ] yes [X] no

B.8. Are any process changes or expansions planned during the next:

1 years, [ ] yes [✓] no

3 years, [ ] yes [✓] no

5 years, [ ] yes [✓] no

If yes, attach a separate sheet to this form describing the nature of planned changes or expansions; estimate changes in character and quantity of wastewater, if possible.

Section C - Wastewater Information

C.1. If your facility employs processes in any of the 34 industrial categories or business activities listed below and any of these processes generate wastewater or waste sludge, place a check beside the category or business activity (check all that apply).

A. 34 Industrial Categories:

1. [ ] Adhesives
2. [ ] Aluminum Forming
3. [ ] Auto & Other Laundries
4. [ ] Battery Manufacturing
5. [ ] Coal Mining
6. [ ] Coil Coating
7. [ ] Copper Forming
8. [ ] Electric & Electronic Components
9. [ ] Electroplating
10. [ ] Explosives Manufacturing
11. [ ] Foundries
12. [ ] Gum & Wood Chemicals
13. [ ] Inorganic Chemicals
14. [ ] Iron & Steel
15. [ ] Leather Tanning & Finishing
16. [ ] Mechanical Products
17. [ ] Nonferrous Metals
18. [ ] Ore Mining
19. [ ] Organic Chemicals
20. [ ] Paint & Ink
21. [ ] Pesticides
22. [ ] Petroleum Refining
23. [ ] Pharmaceuticals
24. [ ] Photographic Supplies
25. [ ] Plastic & Synthetic Materials
26. [ ] Plastic Processing
27. [ ] Porcelain Enamel
28. [ ] Printing & Publishing
29. [ ] Pulp & Paper
30. [ ] Rubber
31. [ ] Soaps & Detergents
32. [ ] Steam Electric
33. [ ] Textile Mills
34. [ ] Timber

B. Other Business Activity:

[ ] Dairy Products

[ ] Slaughter/Meat Packing/Rendering

[ ] Food/Edible Products Processor

[ ] Beverage Bottler

C.2. Pretreatment devices used for treating wastewater or sludge (check all that apply).

[ ] Air flotation
[ ] Centrifuge
[ ] Chemical precipitation
[ ] Chlorination
[ ] Cyclone
[ ] Filtration
[ ] Flow equalization
[ ] Grease or oil separation, type _____
[ ] Grease trap
[ ] Grit removal
[ ] Ion exchange
[ ] Neutralization (pH correction)
[ ] Ozonation
[ ] Reverse osmosis
[ ] Screen
[ ] Sedimentation
[ ] Septic tank
[ ] Solvent separation or recovery
[ ] Biological treatment, type _____
[ ] Other chemical treatment, type _____
[ ] Other physical treatment, type _____
[ ] Other treatment, type _____
[ ] No pretreatment provided

C.3. Attach a line drawing showing the water flow through the plant. Indicate sources of intake water and identify all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, etc. Identify all (pre)treatment devices or processes. Construct a water balance on the line drawing by showing average flows between intakes, operations, (pre)treatment units, and outfalls.

C.4. If any wastewater analyses have been performed on the wastewater discharge(s) from your facilities, attach a copy of the most recent data to this questionnaire. Be sure to include the date of the analysis, name of the laboratory performing the analysis, and location(s) from which sample(s) were taken (attach sketches, drawings, etc as necessary).

Person preparing questionnaire:

Name: Amy Scrope, Controller

Title: Controller

Date: 8/9/09

Baldwin Piano, Inc.
PO Box 550
900 Highway 463 South
Trumann, AR 72472-9604

870-483-6111
Fax 870-483-5894

August 21, 2009

Trumann Waterworks
Attention: Mr. Scotty Jones
106 East Main Street
Trumann, AR 72472

Re: 2009 Industrial Wastewater Survey

Dear Mr. Jones:

Enclosed is our 2009 Wastewater Survey. For your convenience, I have also attached a water balance chart detailing water usage within the facility.

Please note that the letter from Trumann Waterworks asking for a Wastewater survey was not received until August 17, 2009.

Responsible official is:

Tracy J. McDaniel	Phone No.: 870-483-6111
Baldwin Piano, Inc.	Fax: 870-483-5894
PO Box 550	Email: tracy.mcdaniel@gibson.com
Trumann, AR 72472	

Technical point of contact is:

James R. Sowell	Phone No.: 870-483-3406
PO Box 550	Fax: 870-483-5894
Trumann, AR 72472	Email: bobsowell@centurytel.net

I certify that based on information and belief formed after reasonable inquiry, the statements and information in the attached documents are true, accurate, and complete.

Please do not hesitate to contact Mr. Sowell or me if you need further information or have any comments.

Sincerely,

Tracy J. McDaniel
Plant Manager

Enclosures: 2009 Industrial Wastewater Survey

INDUSTRIAL WASTEWATER SURVEY

Section A - General

A.1. Company name, mailing address, and telephone number:

BALDWIN PIANO, INC.
900 HIGHWAY 463 SOUTH
TRUMANN, AR
Zip Code 72472 Telephone 870-483-6111

A.2. Address of production or manufacturing facility, (If same as above, check [X]).

Zip Code _____ Telephone _____

A.3. Name, title, and telephone number of person authorized to represent this firm in official dealings with City:

TRACY J. McDANIEL
PLANT MANAGER
870-483-6111 EXT: 2274

A.4. Identify the type of business conducted (auto repair, machine shop, electroplating, warehousing, painting, printing, food processing, etc):

WAREHOUSING, PREP, DISTRIBUTION
OF MUSICAL INSTRUMENTS

A.5. Provide a brief narrative description of the manufacturing, production, or service activities your firm conducts:

MUSICAL INSTRUMENTS, RECEIVING,
PREPPING FOR SALE, DISTRIBUTING,
LIGHT MANUFACTURING & REPAIRING

A.6. List the Standard Industrial Classification Number (s) (SIC Code) that apply to your facilities:

3931

A.7. This facility generates the following wastes (check all that apply):

			Average (gal per day)		
1.	[X]	Domestic wastes (restrooms, employee showers, etc)	230	[X] estimated	[ ] measured
2.	[ ]	Cooling water, non-contact		[ ] estimated	[ ] measured
3.	[ ]	Boiler/tower blowdown		[ ] estimated	[ ] measured
4.	[ ]	Cooling water, contact		[ ] estimated	[ ] measured
5.	[ ]	Process		[ ] estimated	[ ] measured
6.	[ ]	Equipment/ facility washdown		[ ] estimated	[ ] measured
7.	[ ]	Air pollution control unit		[ ] estimated	[ ] measured
8.	[ ]	Stormwater runoff to sewer		[ ] estimated	[ ] measured
9.	[ ]	Other (describe)		[ ] estimated	[ ] measured

A.8. Wastes are discharged to:

		Average (gal per day)		
[X]	Sanitary sewer	230	[ ] estimated	[ ] measured
[ ]	Storm sewer		[ ] estimated	[ ] measured
[ ]	Surface water		[ ] estimated	[ ] measured
[ ]	Ground water		[ ] estimated	[ ] measured
[ ]	Waste haulers		[ ] estimated	[ ] measured
[ ]	Evaporation		[ ] estimated	[ ] measured
[ ]	Other (describe)		[ ] estimated	[ ] measured

Section B - Facility Operation Characteristics

B.1. Number of employee shifts worked per 24-hour day: 1.

B.2. Starting times and employees per shift:

1st 7:30 (am, pm), Employees this shift 14

2nd _____ (am, pm), Employees this shift _____

3rd _____ (am, pm), Employees this shift _____

B.3. Principal product produced: _____

MUSICAL INSTRUMENTS

B.4. Raw materials and process additives used: _____

NON-HALOGENIC INORGANIC FINISHING MATERIAL
ALCOHOL BASED SOLVENTS, ADHESIVES,
PURCHASED WOOD PARTS, PURCHASED MUSICAL INSTRUMENT PARTS.

B.5. Production process is:

[ ]Batch [X]Continuous [ ]Both (___% batch, ___% cont)

Average number of batches per 24-hour day _____

B.6. Hours of operation: 7:30 am to 4:00 pm [ ] continuous

B.7. Is production seasonal? [ ] yes [X] no

B.8. Are any process changes or expansions planned during the next:

1 years, [ ] yes [X] no

3 years, [ ] yes [X] no

5 years, [ ] yes [X] no

If yes, attach a separate sheet to this form describing the nature of planned changes or expansions; estimate changes in character and quantity of wastewater, if possible.

Section C - Wastewater Information

C.1. If your facility employs processes in any of the 34 industrial categories or business activities listed below and any of these processes generate wastewater or waste sludge, place a check beside the category or business activity (check all that apply).

A. 34 Industrial Categories:

1. [X] Adhesives
2. [ ] Aluminum Forming
3. [ ] Auto & Other Laundries
4. [ ] Battery Manufacturing
5. [ ] Coal Mining
6. [ ] Coil Coating
7. [ ] Copper Forming
8. [ ] Electric & Electronic Components
9. [ ] Electroplating
10. [ ] Explosives Manufacturing
11. [ ] Foundries
12. [ ] Gum & Wood Chemicals
13. [X] Inorganic Chemicals (WOOD FINISHING)
14. [ ] Iron & Steel
15. [ ] Leather Tanning & Finishing
16. [ ] Mechanical Products
17. [ ] Nonferrous Metals
18. [ ] Ore Mining
19. [ ] Organic Chemicals
20. [ ] Paint & Ink
21. [ ] Pesticides
22. [ ] Petroleum Refining
23. [ ] Pharmaceuticals
24. [ ] Photographic Supplies
25. [ ] Plastic & Synthetic Materials
26. [ ] Plastic Processing
27. [ ] Porcelain Enamel
28. [ ] Printing & Publishing
29. [ ] Pulp & Paper
30. [ ] Rubber
31. [ ] Soaps & Detergents
32. [ ] Steam Electric
33. [ ] Textile Mills
34. [X] ~~Timber~~ (HARDWOOD LUMBER)

B. Other Business Activity:

[ ] Dairy Products

[ ] Slaughter/Meat Packing/Rendering

[ ] Food/Edible Products Processor

[ ] Beverage Bottler

C.2. Pretreatment devices used for treating wastewater or sludge (check all that apply).

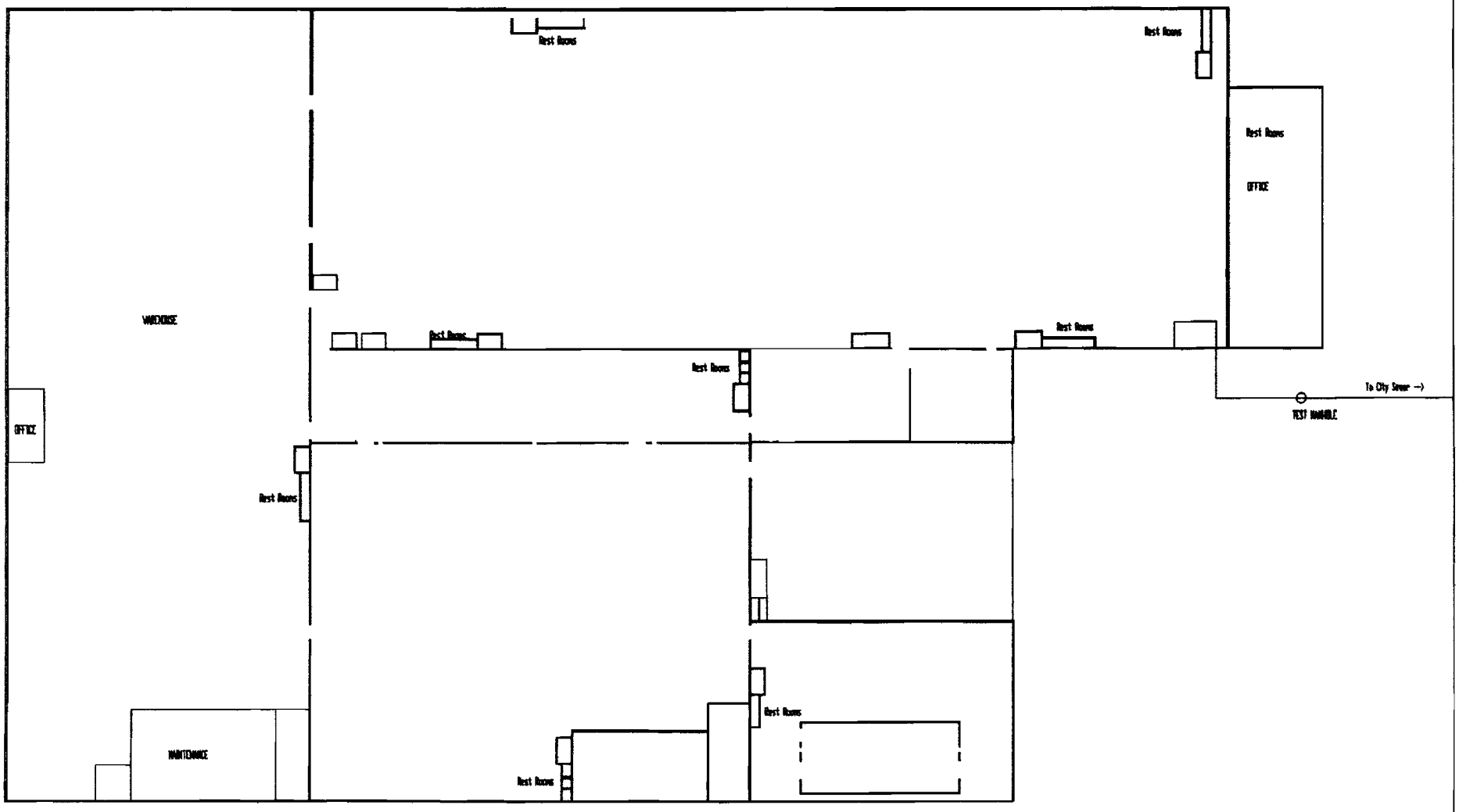
[ ] Air flotation
[ ] Centrifuge
[ ] Chemical precipitation
[ ] Chlorination
[ ] Cyclone
[ ] Filtration
[ ] Flow equalization
[ ] Grease or oil separation, type _____
[ ] Grease trap
[ ] Grit removal
[ ] Ion exchange
[ ] Neutralization (pH correction)
[ ] Ozonation
[ ] Reverse osmosis
[ ] Screen
[ ] Sedimentation
[ ] Septic tank
[ ] Solvent separation or recovery
[ ] Biological treatment, type _____
[ ] Other chemical treatment, type _____
[ ] Other physical treatment, type _____
[ ] Other treatment, type _____
[X] No pretreatment provided

C.3. Attach a line drawing showing the water flow through the plant. Indicate sources of intake water and identify all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, etc. Identify all (pre)treatment devices or processes. Construct a water balance on the line drawing by showing average flows between intakes, operations, (pre)treatment units, and outfalls.

C.4. If any wastewater analyses have been performed on the wastewater discharge(s) from your facilities, attach a copy of the most recent data to this questionnaire. Be sure to include the date of the analysis, name of the laboratory performing the analysis, and location(s) from which sample(s) were taken (attach sketches, drawings, etc as necessary).

Person preparing questionnaire:

Name: JAMES R. SOWELL
Title: NONPAID CONSULTANT
Date: 08/21/2009



BALDWIN PIANO, INC., TRUMANN, ARKANSAS			
COMPONENT NAME	Plant Layout - Sanitary Sewer Details		
DRAWN BY:	Bob Scovell		
DATE:	09/25/2009	NOT TO SCALE	
REVISION DATE			

Baldwin Piano, Inc
Trumann, AR

2009 Annual Water Balance Chart

Input

Purchased from City of Trumann	86,900	Gallons	Measured

Output

Sanitary Sewer	56,900	Gallons	Estimated
Yard Maintenance	30,000	Gallons	Estimated

INDUSTRIAL WASTEWATER SURVEY

Section A - General

A.1. Company name, mailing address, and telephone number:

Bilco Company
536 Hwy 463 South
Jonesboro, AR

Zip Code 72472 Telephone (870) 483-5118

A.2. Address of production or manufacturing facility, (If same as above, check [✓]).

Zip Code _____ Telephone _____

A.3. Name, title, and telephone number of person authorized to represent this firm in official dealings with City:

Al Collins, Plant Manager
(870) 483-5118 ext 3232

A.4. Identify the type of business conducted (auto repair, machine shop, electroplating, warehousing, painting, printing, food processing, etc):

MANUFACTURING (FAB & WELD)

A.5. Provide a brief narrative description of the manufacturing, production, or service activities your firm conducts:

FABRICATE & weld specialty doors for
ROOF & FLOOR

A.6. List the Standard Industrial Classification Number (s) (SIC Code) that apply to your facilities:

NAICS # 332321

A.7. This facility generates the following wastes (check all that apply):

			Average (gal per day)		
1.	[X]	Domestic wastes (restrooms, employee showers, etc)	300	[X] estimated	[ ] measured
2.	[ ]	Cooling water, non-contact		[ ] estimated	[ ] measured
3.	[ ]	Boiler/tower blowdown		[ ] estimated	[ ] measured
4.	[ ]	Cooling water, contact		[ ] estimated	[ ] measured
5.	[ ]	Process		[ ] estimated	[ ] measured
6.	[ ]	Equipment/ facility washdown		[ ] estimated	[ ] measured
7.	[ ]	Air pollution control unit		[ ] estimated	[ ] measured
8.	[ ]	Stormwater runoff to sewer		[ ] estimated	[ ] measured
9.	[ ]	Other (describe)		[ ] estimated	[ ] measured

A.8. Wastes are discharged to:

		Average (gal per day)		
[X]	Sanitary sewer	300	[X] estimated	[ ] measured
[ ]	Storm sewer		[ ] estimated	[ ] measured
[ ]	Surface water		[ ] estimated	[ ] measured
[ ]	Ground water		[ ] estimated	[ ] measured
[ ]	Waste haulers		[ ] estimated	[ ] measured
[ ]	Evaporation		[ ] estimated	[ ] measured
[ ]	Other (describe)		[ ] estimated	[ ] measured

Section B - Facility Operation Characteristics

B.1. Number of employee shifts worked per 24-hour day: 3 1 .

B.2. Starting times and employees per shift:

1st 6:30 (am, pm), Employees this shift 3:00 PM

2nd _____ (am, pm), Employees this shift _____

3rd _____ (am, pm), Employees this shift _____

B.3. Principal product produced: ROOF ACCESS DOORS & FLOOR DOORS

B.4. Raw materials and process additives used: RAW MTL - ALUMINUM, STEEL, COPPER,

B.5. Production process is:

[ ]Batch [X]Continuous [ ]Both (___% batch, ___% cont)

Average number of batches per 24-hour day _____

B.6. Hours of operation: 6:30 am to 4:15 pm [ ] continuous

B.7. Is production seasonal? [ ] yes [X] no

B.8. Are any process changes or expansions planned during the next:

1 years, [ ] yes [X] no

3 years, [ ] yes [X] no

5 years, [ ] yes [X] no

If yes, attach a separate sheet to this form describing the nature of planned changes or expansions; estimate changes in character and quantity of wastewater, if possible.

Section C - Wastewater Information

C.1. If your facility employs processes in any of the 34 industrial categories or business activities listed below and any of these processes generate wastewater or waste sludge, place a check beside the category or business activity (check all that apply).

A. 34 Industrial Categories:

1. [ ] Adhesives
2. [X] Aluminum Forming
3. [ ] Auto & Other Laundries
4. [ ] Battery Manufacturing
5. [ ] Coal Mining
6. [ ] Coil Coating
7. [X] Copper Forming
8. [ ] Electric & Electronic Components
9. [ ] Electroplating
10. [ ] Explosives Manufacturing
11. [ ] Foundries
12. [ ] Gum & Wood Chemicals
13. [ ] Inorganic Chemicals
14. [X] Iron & Steel
15. [ ] Leather Tanning & Finishing
16. [ ] Mechanical Products
17. [ ] Nonferrous Metals
18. [ ] Ore Mining
19. [ ] Organic Chemicals
20. [ ] Paint & Ink
21. [ ] Pesticides
22. [ ] Petroleum Refining
23. [ ] Pharmaceuticals
24. [ ] Photographic Supplies
25. [ ] Plastic & Synthetic Materials
26. [ ] Plastic Processing
27. [ ] Porcelain Enamel
28. [ ] Printing & Publishing
29. [ ] Pulp & Paper
30. [ ] Rubber
31. [ ] Soaps & Detergents
32. [ ] Steam Electric
33. [ ] Textile Mills
34. [ ] Timber

B. Other Business Activity: N/A

[ ] Dairy Products

[ ] Slaughter/Meat Packing/Rendering

[ ] Food/Edible Products Processor

[ ] Beverage Bottler

C.2. Pretreatment devices used for treating wastewater or sludge (check all that apply).

[ ] Air flotation
[ ] Centrifuge
[ ] Chemical precipitation
[ ] Chlorination
[ ] Cyclone
[ ] Filtration
[ ] Flow equalization
[ ] Grease or oil separation, type _____
[ ] Grease trap
[ ] Grit removal
[ ] Ion exchange
[ ] Neutralization (pH correction)
[ ] Ozonation
[ ] Reverse osmosis
[ ] Screen
[ ] Sedimentation
[ ] Septic tank
[ ] Solvent separation or recovery
[ ] Biological treatment, type _____
[ ] Other chemical treatment, type _____
[ ] Other physical treatment, type _____
[ ] Other treatment, type _____
[X] No pretreatment provided

C.3. Attach a line drawing showing the water flow through the plant. Indicate sources of intake water and identify all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, etc. Identify all (pre)treatment devices or processes. Construct a water balance on the line drawing by showing average flows between intakes, operations, (pre)treatment units, and outfalls.

C.4. If any wastewater analyses have been performed on the wastewater discharge(s) from your facilities, attach a copy of the most recent data to this questionnaire. Be sure to include the date of the analysis, name of the laboratory performing the analysis, and location(s) from which sample(s) were taken (attach sketches, drawings, etc as necessary). NONE Have been preformed

Person preparing questionnaire:

Name: Chris Pindell

Title: Sr. Mfg. Engineer

Date: 8/05/2009

Bilco Company
Hwy 463 South
Trumann AR 72472
(870)483-5118

Water Flow Line Drawing

AVERAGE MONTHLY CONSUMPTION 9000

columbia FOREST PRODUCTS

WE CARE.
After all, it's our company.

August 10, 2009

Scotty Jones
Manager
Trumann Water Works
106 East Main Street
Trumann, AR 72472

Re: 2009 Industrial Wastewater Survey

Dear Mr. Jones:

Attached is our 2009 survey detailing all of our wastewater discharges to city sewer.

I have also attached a water balance chart for your information. This chart details the disposition of all water purchased from the city.

Technical point of contact: James R. Sowell
Quality Manager
jsowell@cfpwood.com

Responsible manager: Douglas A. Heath
Plant Manager
dheath@cfpwood.com

Thank you for your help. Please do not hesitate to contact Mr. Sowell or me with any comments or questions.

Yours truly,

Douglas A. Heath
Plant Manager

Enclosures: 2009 Industrial Water Survey
Water Balance Chart.

P.O. Box 577
202 Poinsett Avenue
Trumann, AR 72472
P: 870.483.6408

INDUSTRIAL WASTEWATER SURVEY

Section A - General

A.1. Company name, mailing address, and telephone number:

Columbia Forest Products
202 Poinsett Avenue
Trumann, AR

Zip Code 72472 Telephone (870) 483-6408

A.2. Address of production or manufacturing facility, (If same as above, check [X]).

Zip Code _____ Telephone _____

A.3. Name, title, and telephone number of person authorized to represent this firm in official dealings with City:

Douglas A. Heath
Plant Manager
870-483-6408 ext. 2459

A.4. Identify the type of business conducted (auto repair, machine shop, electroplating, warehousing, painting, printing, food processing, etc):

Manufacturing / plywood

A.5. Provide a brief narrative description of the manufacturing, production, or service activities your firm conducts:

CFP - Trumann produces decorative hardwood plywood primarily used for kitchen and bathroom cabinets and store fixtures.

A.6. List the Standard Industrial Classification Number (s) (SIC Code) that apply to your facilities:

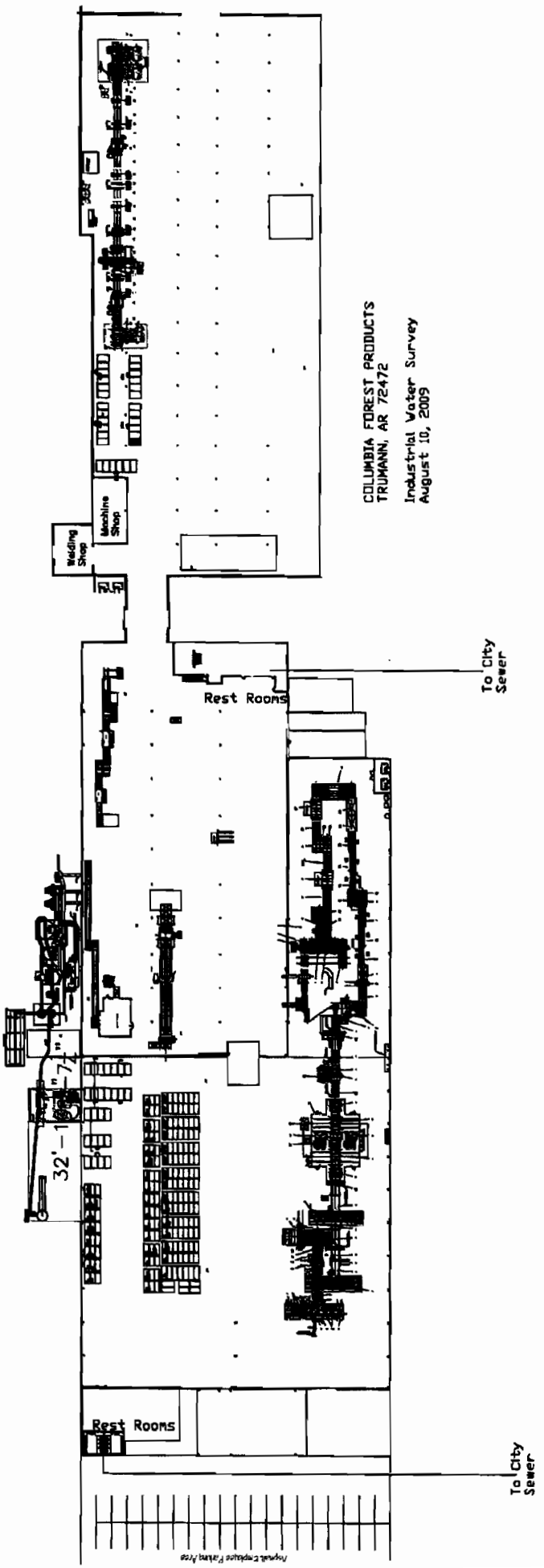
2436

A.7. This facility generates the following wastes (check all that apply):

			Average (gal per day)		
1.	[X]	Domestic wastes (restrooms, employee showers, etc)	3,080	[X] estimated	[ ] measured
2.	[ ]	Cooling water, non-contact		[ ] estimated	[ ] measured
3.	[X]	Boiler/tower blowdown	7,677	[X] estimated	[ ] measured
4.	[ ]	Cooling water, contact		[ ] estimated	[ ] measured
5.	[X]	Process	186	[ ] estimated	[X] measured
6.	[ ]	Equipment/ facility washdown		[ ] estimated	[ ] measured
7.	[ ]	Air pollution control unit		[ ] estimated	[ ] measured
8.	[ ]	Stormwater runoff to sewer		[ ] estimated	[ ] measured
9.	[ ]	Other (describe)		[ ] estimated	[ ] measured

A.8. Wastes are discharged to:

		Average (gal per day)		
[X]	Sanitary sewer	3,080	[X] estimated	[ ] measured
[ ]	Storm sewer		[ ] estimated	[ ] measured
[ ]	Surface water		[ ] estimated	[ ] measured
[ ]	Ground water		[ ] estimated	[ ] measured
[X]	Waste haulers	186	[ ] estimated	[X] measured
[X]	Evaporation	7,677	[X] estimated	[ ] measured
[ ]	Other (describe)		[ ] estimated	[ ] measured


COLUMBIA FOREST PRODUCTS
TRUMANN, AR 72472
Industrial Water Survey
August 10, 2009
Welding Shop
Machine Shop
Rest Rooms
To City Sewer
32'-1
Rest Rooms
To City Sewer

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Klysia Sechler, Doug Heath
SLR International Corp. - West Linn, OR
1800 Blankenship Road, Suite 440

West Linn, OR 97068

Report Summary

Friday August 29, 2008

Report Number: L361617
Samples Received: 08/23/08
Client Project:

Description: Trumann Hazardous Waste Determination

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Jarred Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2317, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Elysia Sechler, Doug Heath
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

August 29, 2008

ESC Sample # : L361617-01

Site ID :

Project # :

Date Received : August 23, 2008
Description : City of Trumann Process Water
Sample ID : BOILER BLOWDOWN
Collected By :
Collection Date : 08/22/08 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
pH	11.		su	9040C	08/28/08	1

BDL - Below Detection Limit
Det Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 08/29/08 14:29 Printed: 08/29/08 14:30
L361617-01 (PH) - 11.3@23.5c

ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Elysia Sechler, Doug Heath
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

August 29, 2008

ESC Sample # : L361617-02

Site ID :

Project # :

Date Received : August 23, 2008
Description : City of Trumann Process Water
Sample ID : GLUE WASTEWATER
Collected By :
Collection Date : 08/22/08 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
BOD	1700	5.0	mg/l	SM5210B	08/23/08	1
pH	5.1		su	9040C	08/28/08	1
Dissolved Solids	19000	10.	mg/l	2540C	08/28/08	1
Suspended Solids	8600	1.0	mg/l	2540D	08/27/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 08/29/08 14:29 Printed: 08/29/08 14:30
L361617-02 (PH) - 5.1@23.6c

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L361617-01	pH	T8
L361617-02	pH	T8
	BOD	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J4	The associated batch QC was outside the established quality control range for accuracy.
T4	(ESC) - Additional method/sample information: Sample(s) received past/too close to holding time expiration.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected)

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5850
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est 1970

SLR International Corp. - West Linn, OR
Elysia Sechler, Doug Heath
1800 Blankenship Road, Suite 440
West Linn, OR 97068

Quality Assurance Report
Level II

L361617

August 29, 2008

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
BOD	-0.0100	mg/l	08/23/08 08:20	WG379442
pH	4.70	su	08/28/08 17:50	WG379486
Suspended Solids	< 1	mg/l	08/27/08 07:16	WG379842
Dissolved Solids	< 10	mg/l	08/28/08 12:16	WG379847

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
BOD	mg/l	80.5	100.	21.6	10	L361519-01	WG379442
pH	su	7.50	7.40	1.34	20	L361306-02	WG379486
pH	su	7.70	7.70	0.00	20	L361721-01	WG379486
Suspended Solids	mg/l	46.0	45.0	2.20	5	L361403-01	WG379842
Suspended Solids	mg/l	20.5	21.0	2.41	5	L361803-01	WG379842
Dissolved Solids	mg/l	35.0	38.0	8.22	5	L361637-01	WG379847

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
BOD	mg/l	198	153.	77.3	85-115	WG379442
BOD	mg/l	198	159.	80.3	85-115	WG379442
BOD	mg/l	198	169.	85.4	85-115	WG379442
pH	su	6.5	6.40	98.5	97.19-10	WG379486
Suspended Solids	mg/l	778	812.	104.	85-115	WG379842
Dissolved Solids	mg/l	8800	8580	97.5	85-115	WG379847

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
pH	su	6.40	6.40	0.00	20	98	WG379486
Suspended Solids	mg/l	796.	812.	1.99	20	102	WG379842
Dissolved Solids	mg/l	8520	8580	0.655	20	97	WG379847

Batch number /Run number / Sample number cross reference

WG379842: R453845: L361617-02
WG379847: R453965: L361617-02
WG379442: R453975: L361617-02
WG379486: R454936: L361617-01 02

* * Calculations are performed prior to rounding of reported values .

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est 1970

SLR International Corp. - West Linn, OR
Elysia Sechler, Doug Heath
1800 Blankenship Road, Suite 440

West Linn, OR 97068

Quality Assurance Report
Level II

L361617

August 29, 2008

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier

SLR International Corp. - West Linn, OR
1800 Blankenship Road, Suite 440
West Linn,OR 97068

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: **Elysia Sechler, Doug Heath**

Email: **DHeath@columbiaforestpro**

Project Description: **City of Trumann Process Water**

City/State Collected:

Phone: **(503) 723-4423**
FAX:

Client Project #:

Lab Project # **SLRWLOR-TRUMANN**

Collected by (print):

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day.....100%
___ Two Day.....50%
___ Three Day.....25%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Acctnum: SLRWLOR (lab use only)
Template/Prelogin: T52744/P254358
Cooler #: 1 of 1
Shipped Via: FedEx Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	BOD 1L HDPE NoPres	PH 125mlHDPE-NoPres	TDS 250mlHDPE-NoPres	TSS 1L-HDPE NoPres	Remarks/Contaminant	Sample # (lab only)
OILER BLOWDOW		GW				1		X				L361669-01
GLUE WASTEWATER		GW				4	X	X	X	X		-02

*Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

8057 5541 6060

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.1° Bottles Received: 5	COC Seal Intact: Y ___ N ___ NA ___
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 8.23.08 Time: 0900	pH Checked: ___ NCF: ___

August 10, 2009

Addendum:

Columbia Forest Products
2009 Industrial Wastewater Survey

Water Balance Chart for period January, 2009 to July, 2009 Averaged

Input	*Gallons per Day*	*Source*	*Notes:*
Purchased Water	10,943	City of Trumann	Measured:
Total Input	10,943		

Output	*Gallons per Day*	*Disposition*	*Notes:*
Domestic Wastewater	3,080	City Sewer	Estimated: 110 maximum employees, 28 gallons each
Gluing Operations Wastewater	186	Shipped Offsite to TSD Company	Measured:
Steam Generation	7,677	100% consumed and evaporated to Atmosphere	Estimated: 47 lbs. per Boiler Hp. 75% efficiency. 2.64 water turns.
Total Output	10,943		

LAST PAGE