



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

May 20, 1998

Mr. Mark Neely
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Neely:

Enclosed is the April 1998 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. ~~92-26~~ *96-096*

There has been no amending activities for the month of April at the McGuire Ranch Site.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3350.

Sincerely,

Larry L. Lake
Environmental Coordinator

**RWQCB
NORTH COAST
REGION**

MAY 20 '98

cc: R.C. Sherwood

- LM _____ RK _____
- CJ _____ LR _____
- FR _____ TW _____
- RT _____ KD _____
- JH _____ PG _____
- SW _____ JS _____
- TD _____ ALL STAFF
- FILE BOARD
- 5-21-98

SP
96-096

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF APRIL 1998

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 4	420	1.30 Inches
5 - 11	440 Yds.	.45
12 - 18	380	0
19 - 25	460	.70
26 - 30	320	.10
	<hr/> 2020 3 Yds.	<hr/> 2.55 Inches

The total number of treated acres to date = 138.00 acres

Water Monitoring and Testing

No samples collected for the month of April.

Deposition

There has been no amending activities for the month of April at the McGuire Ranch Site.
There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District.
Haul dates were 4/5/98, 4/11/98 & 4/25/98. Each load contained 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of April 1998

<u>DAY</u>	<u>RAINFALL</u>
1.	0
2.	0
3.	.25
4.	1.05
5.	.10
6.	.25
7.	0
8.	0
9.	.10
10.	0
11.	N/A
12.	N/A
13.	0
14.	N/A
15.	N/A
16.	N/A
17.	N/A
18.	N/A
19.	N/A
20.	.10
21.	.15
22.	0
23.	0
24.	.45
25.	N/A
26.	N/A
27.	0
28.	.10
29.	0
30.	0
31.	



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
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90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

RWQCB
NORTH COAST
REGION

JUN 18 '98

June 20, 1998

Mr. Mark Neely
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

- LM
- CJ
- FR
- RT
- JH
- SW
- TD
- FILE
- RK
- LR
- TW
- KD
- PG
- JS
- ALLSTAFF
- BOARD

Dear Mr. Neely:

Enclosed is the May 1998 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

BR 6-18-98
BP
96-096

There has been no amending activities for the month of May at the McGuire Ranch Site.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3350.

Sincerely,

Larry L. Lake
Environmental Coordinator

cc: R.C. Sherwood

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF MAY 1998

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1 - 2	320	0 Inches
3 - 9	340 Yds.	.10
10 - 16	480	0
17 - 23	490	2.40
24 - 30	420	0
31	<u>0</u>	<u>0</u>
	2050 3 Yds.	2.50 Inches

The total number of treated acres to date = 138.00 acres

Water Monitoring and Testing

No samples collected for the month of May.

Deposition

There has been no amending activities for the month of May at the McGuire Ranch Site.
There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District.
Haul dates were 5/3/98, 5/14/98, 5/23/98 & 5/30/98. Each load contained 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
 90 W. Redwood Avenue
 Fort Bragg, CA 95437
 (707) 964-5651

RWQCB
 NORTH COAST
 REGION

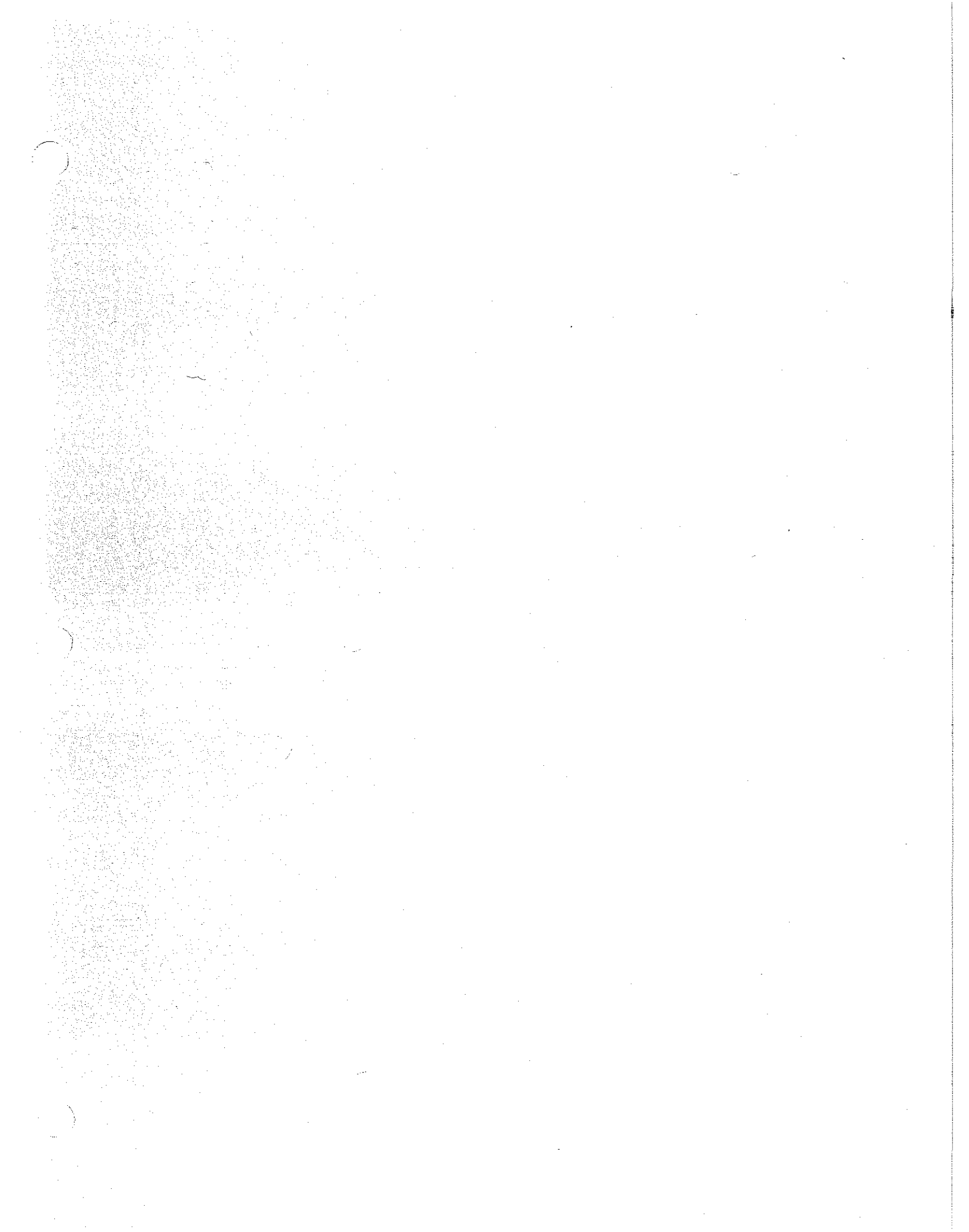
JUN 18 '93

Rainfall for the Month of May 1998

DAY
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.

RAINFALL
0
0
0
0
10
0
0
0
N/A
N/A
0
0
0
0
0
N/A
N/A
0
0
1.40
1.00
0
N/A
N/A
0
0
0
0
0
0
0

- LM _____ RK _____
- CJ _____ LR _____
- FR _____ TW _____
- RT _____ KD _____
- JH _____ PG _____
- SW _____ JS _____
- TD _____ ALL STAFF _____
- FILE _____ BOARD _____
- _____





Georgia-Pacific Corporation ^{PWQCF}
NOR

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

JUL 20 '98

July 16, 1998

Mr. Mark Neely
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

- L
- CJ
- FR
- RT
- JH
- SW
- TD
- FILE
- 7-21-98
- TW
- KD
- PG
- JS
- ALL STAFF
- BOARD

96-096

BP

Dear Mr. Neely:

Enclosed is the June 1998 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There has been no amending activities for the month of June at the McGuire Ranch Site.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3350.

Sincerely,

Larry L. Lake
Environmental Coordinator

cc: R. Holen
R.C. Sherwood

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JUNE 1998

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1 - 6	280	0 Inches
7 - 13	350 Yds.	0
14 - 20	440	0
21 - 27	490	0
28 - 30	<u>420</u>	<u>0</u>
	1980 3	0 Inches
	Yds.	

The total number of treated acres to date = 138.00 acres

Water Monitoring and Testing

No samples collected for the month of June.

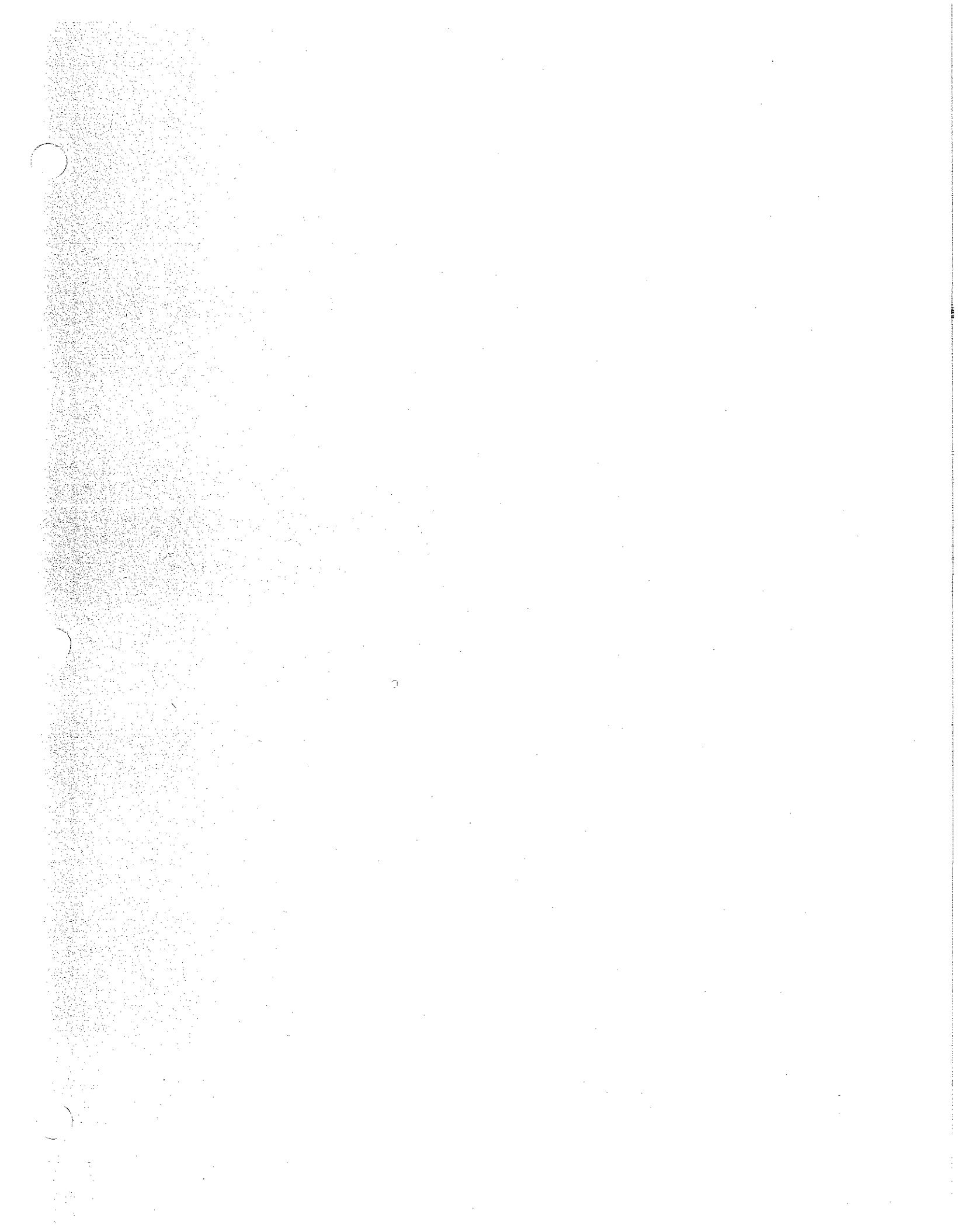
Deposition

There has been no amending activities for the month of June at the McGuire Ranch Site.
There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District.
Haul dates were 6/7/98 & 6/23/98. Each load contained 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of June 1998

<u>DAY</u>	<u>RAINFALL</u>
1.	0
2.	0
3.	0
4.	0
5.	0
6.	0
7.	0
8.	0
9.	0
10.	0
11.	0
12.	0
13.	0
14.	0
15.	0
16.	0
17.	0
18.	0
19.	0
20.	0
21.	0
22.	0
23.	0
24.	0
25.	0
26.	0
27.	0
28.	0
29.	0
30.	0
31.	





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

August 14, 1998

Mr. Mark Neely
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Neely:

Enclosed is the July 1998 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There has been no amending activities for the month of July at the McGuire Ranch Site.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3350.

Sincerely,

Larry L. Lake
Environmental Coordinator

cc: R. Holen
R. Sherwood

NWOCF
NORTH CO
BOARD

AUG 17 '98

<input type="checkbox"/>	LM	_____	_____
<input type="checkbox"/>	CJ	_____	<input type="checkbox"/> th _____
<input checked="" type="checkbox"/>	FR	_____	<input type="checkbox"/> TW _____
<input type="checkbox"/>	RT	_____	<input type="checkbox"/> KD _____
<input type="checkbox"/>	JH	_____	<input type="checkbox"/> PG _____
<input type="checkbox"/>	SW	_____	<input type="checkbox"/> JS _____
<input type="checkbox"/>	TD	_____	<input type="checkbox"/> ALL STAFF
<input type="checkbox"/>	FILE	_____	<input type="checkbox"/> BOARD
<input type="checkbox"/>		8-18-98	

BP

96-096

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JULY 1998

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Week of	Ash Deposited McGuires	Rainfall _Details/Inches
1 - 4	120	0
5 - 11	440	0
12 - 18	280	0
19 - 25	470	0
26 - 31	420	0
	<hr/> 1730 cu/yds	<hr/> 0 Inches

The total number of treated acres to date = 138.00 acres

Water Monitoring and Testing

No samples collected for the month of July.

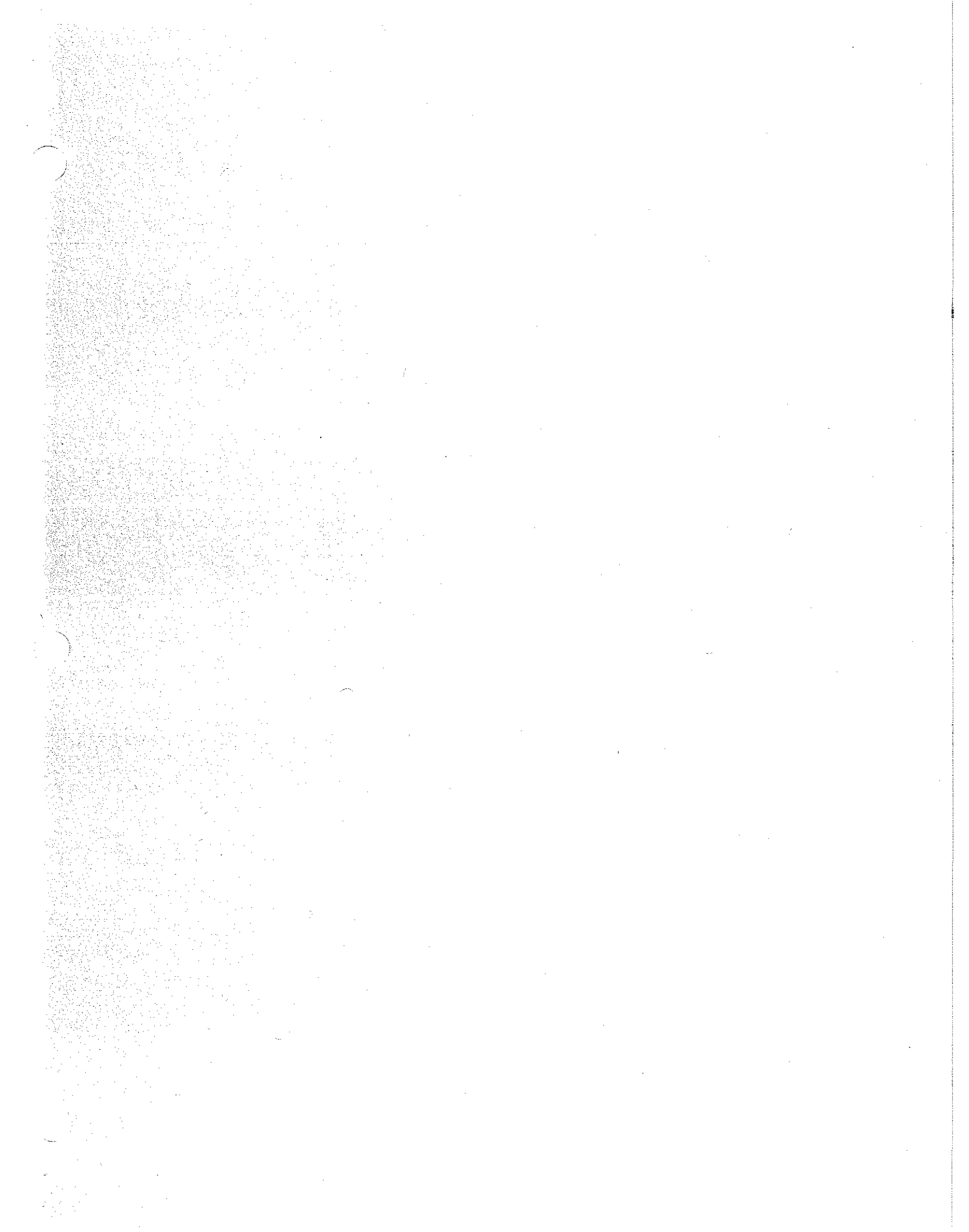
Deposition

There has been no amending activities for the month of July at the McGuire Ranch Site.
There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District.
Haul dates were 7/5/98, 7/13/98, 7/19/98 & 7/26/98. Each load contained 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of July 1998

<u>DAY</u>	<u>RAINFALL</u>
1.	0
2.	0
3.	0
4.	0
5.	0
6.	0
7.	0
8.	0
9.	0
10.	0
11.	0
12.	0
13.	0
14.	0
15.	0
16.	0
17.	0
18.	0
19.	0
20.	0
21.	0
22.	0
23.	0
24.	0
25.	0
26.	0
27.	0
28.	0
29.	0
30.	0
31.	0





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

RWQCB, West Redwood Avenue
NORTH COAST REGION
Fort Bragg, California
95437-3471

SEP 24 1998 Telephone (707) 964-5651

September 21, 1998

Mr. Mark Neely
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

- LM
 - CJ
 - FR
 - RT
 - JH
 - SV
 - TD
 - ""
 - RK
 - LR
 - TW
 - KD
 - PG
 - ALL STAFF
- 9-24-98
BP

Dear Mr. Neely:

Enclosed is the August 1998 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There has been no amending activities for the month of August at the McGuire Ranch Site.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3350.

Sincerely,

Larry L. Lake
Environmental Coordinator

cc: R. Holen
R. Sherwood

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF AUGUST 1998

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Week of	Ash Deposited McGuire	Rainfall Details/Inches
1 - 8	340	0
9 - 15	240	0
16 - 22	220	0
23 - 29	320	0
30 - 31	120	0
	<hr/> 1440 cu/yds	<hr/> 0 Inches

The total number of treated acres to date = 138.00 acres

Water Monitoring and Testing

No samples collected for the month of August.

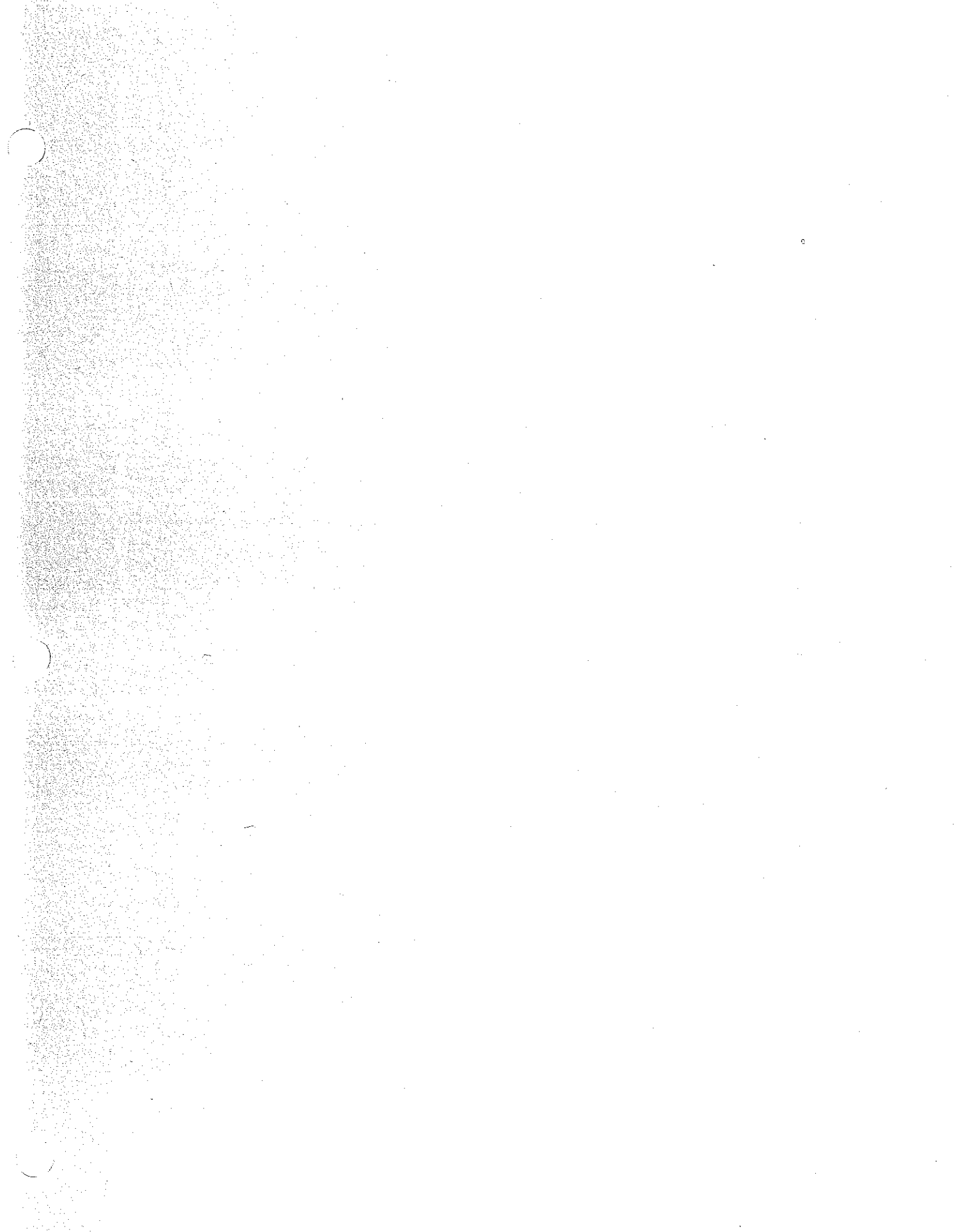
Deposition

There has been no amending activities for the month of August at the McGuire Ranch Site. There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 8/4/98, 8/12/98, 8/19/98 & 8/29/98. Each load contained 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of August 1998

<u>DAY</u>	<u>RAINFALL</u>
1.	0
2.	0
3.	0
4.	0
5.	0
6.	0
7.	0
8.	0
9.	0
10.	0
11.	0
12.	0
13.	0
14.	0
15.	0
16.	0
17.	0
18.	0
19.	0
20.	0
21.	0
22.	0
23.	0
24.	0
25.	0
26.	0
27.	0
28.	0
29.	0
30.	0
31.	0





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

October 23, 1998

Mr. Mark Neely
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Neely:

Enclosed is the September 1998 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There have been no amending activities for the month of September at the McGuire Ranch Site.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3350.

Sincerely,

Larry L. Lake
Environmental Coordinator

cc: R. Holen
R. Sherwood

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF SEPTEMBER 1998

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Week of	Ash Deposited McGuire's	Rainfall _Details/Inches
1 - 5	130	0
6 - 12	110	0
13 -19	180	0
20 - 26	220	0
27 - 30	80	0
	<hr/> 740 cu/yds	<hr/> 0 Inches

The total number of treated acres to date = 138.00 acres

Water Monitoring and Testing

No samples collected for the month of September.

Deposition

There has been no amending activities for the month of September at the McGuire Ranch Site. There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 9/13/98 & 9/19/98. Each load contained 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.

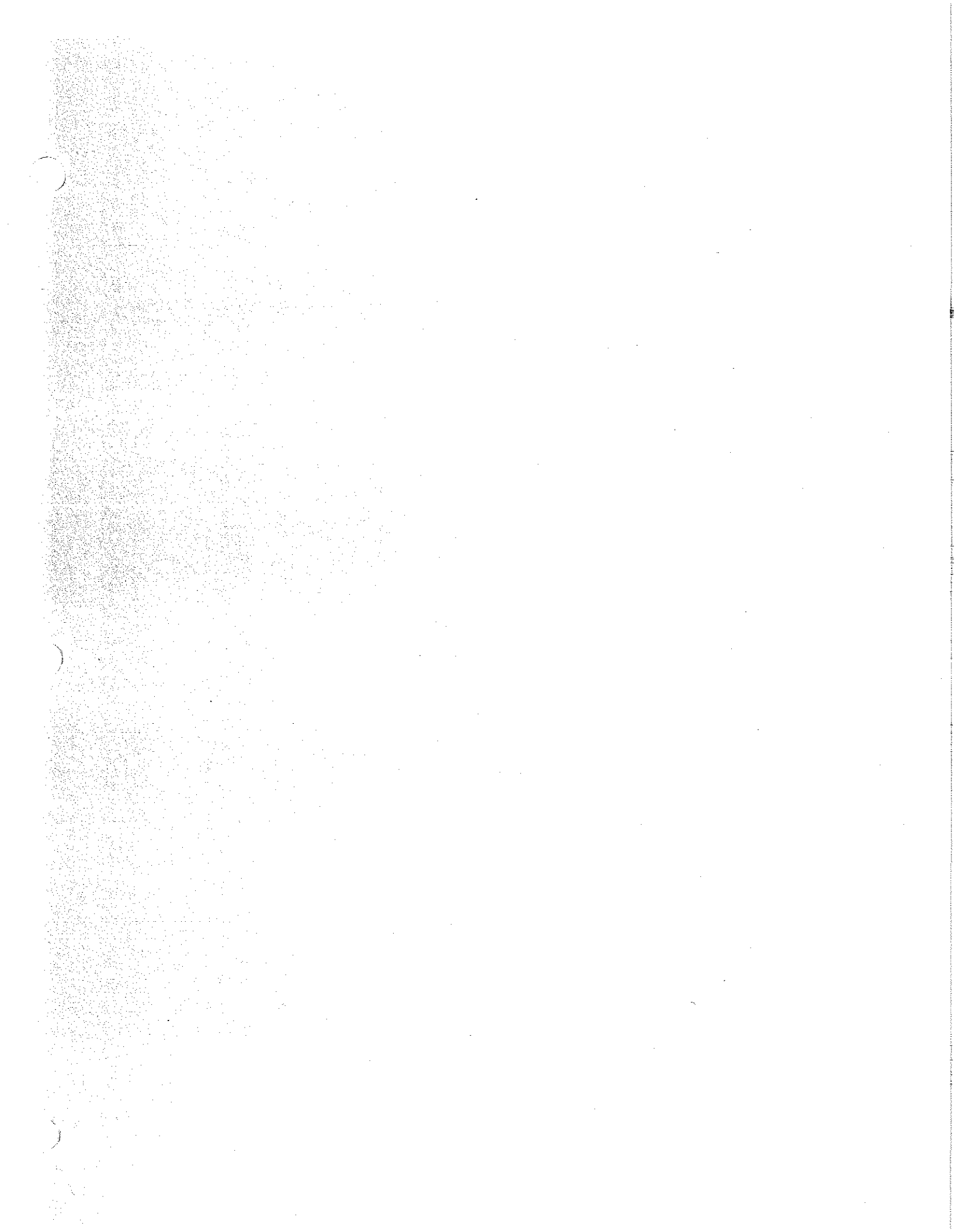
90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of September 1998

<u>DAY</u>	<u>RAINFALL</u>
1.	0
2.	0
3.	0
4.	0
5.	0
6.	0
7.	0
8.	0
9.	0
10.	0
11.	0
12.	0
13.	0
14.	0
15.	0
16.	0
17.	0
18.	0
19.	0
20.	0
21.	0
22.	0
23.	0
24.	0
25.	0
26.	0
27.	0
28.	0
29.	0
30.	0
31.	0





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.

A wholly owned subsidiary

RWOCB
NORTH COAST
REGION

90 West Redwood Avenue

Fort Bragg, California

95437-3471

Telephone (707) 964-5651

NOV 16 '98

November 13, 1998

Mr. Charles Vath
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

- LM
- CJ
- FR
- RT
- JH
- SW
- TD
- FILE
- RK
- LR
- TW
- KD
- PG
- JS
- ALL STAFF
- [unclear]

96-096

SP 72

Dear Mr. Vath:

Enclosed is the October 1998 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

Amending activities have taken place during the month October, with approx. 12 acres during this period. Amending activities have been discontinued and will continue to stockpile for the winter months.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3350.

Sincerely,

Larry L. Lake
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC MCGUIRE RANCH REPORT

MONTH OF OCTOBER 1998

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 3	60	0 Inches
4 - 10	200 Yds.	0
11 - 17	120	0
18 - 24	80	0
25 - 31	100	.25
	<hr/> 560 ₃	<hr/> .25 Inches
	Yds.	

The total number of treated acres to date = 150.00 acres

Water Monitoring and Testing

No samples collected for the month of October.

Deposition

Amending activities are completed, with winter stockpiling now in process. Total acreage amended during the month of October was 12 acres. All of the amending activities were in field #12 for the 1998 season..

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

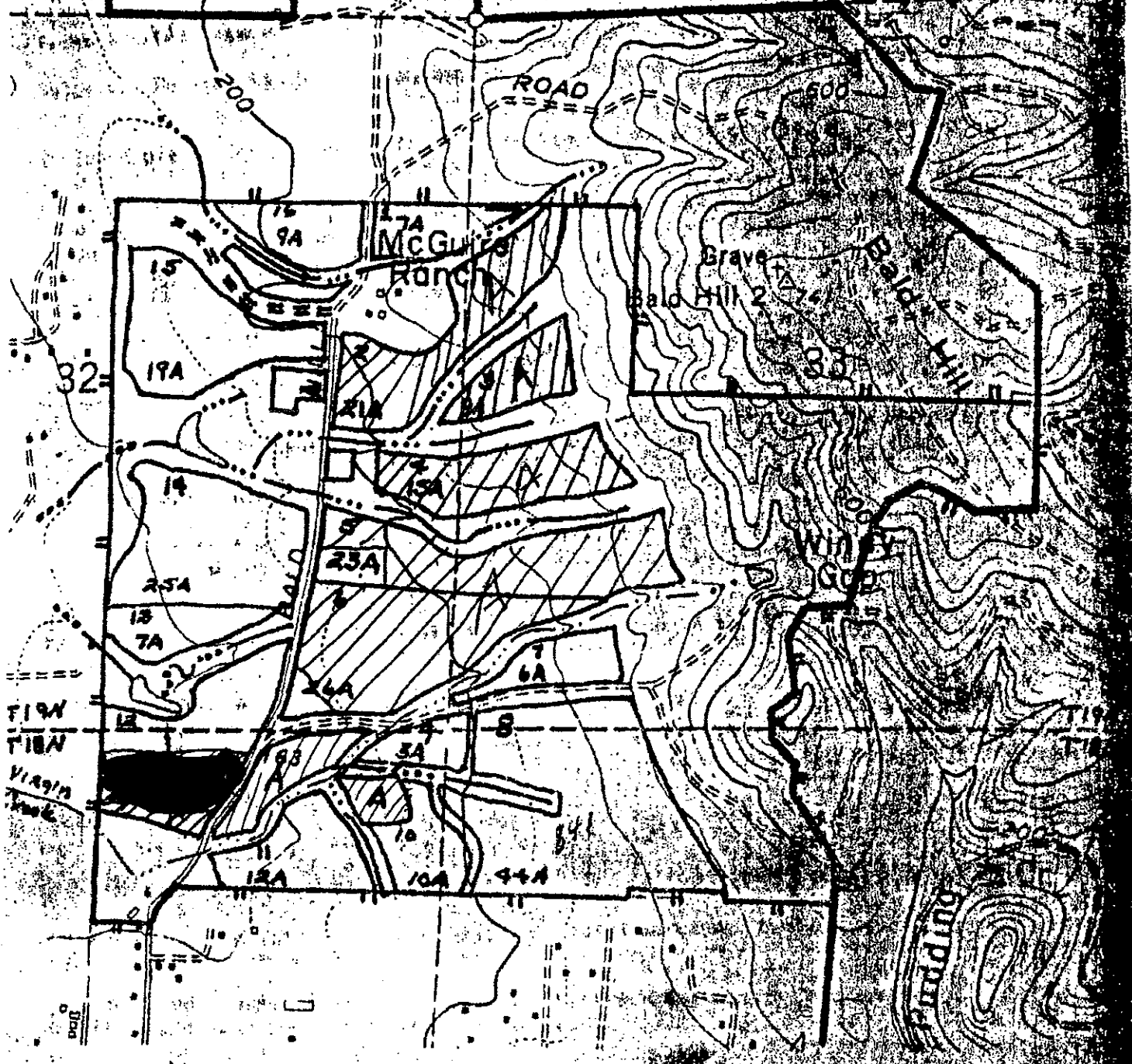
(707) 964-5651

Rainfall for the Month of October 1998

<u>DAY</u>	<u>RAINFALL</u>
1.	N/A
2.	N/A
3.	N/A
4.	N/A
5.	N/A
6.	N/A
7.	N/A
8.	N/A
9.	N/A
10.	N/A
11.	N/A
12.	N/A
13.	N/A
14.	N/A
15.	N/A
16.	N/A
17.	N/A
18.	N/A
19.	N/A
20.	N/A
21.	N/A
22.	N/A
23.	N/A
24.	N/A
25.	N/A
26.	N/A
27.	N/A
28.	N/A
29.	N/A
30.	.25
31.	N/A

4356

EXH. 17
Sections 12, 13, 14, 15, 16, 17
Sections 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42
R17W



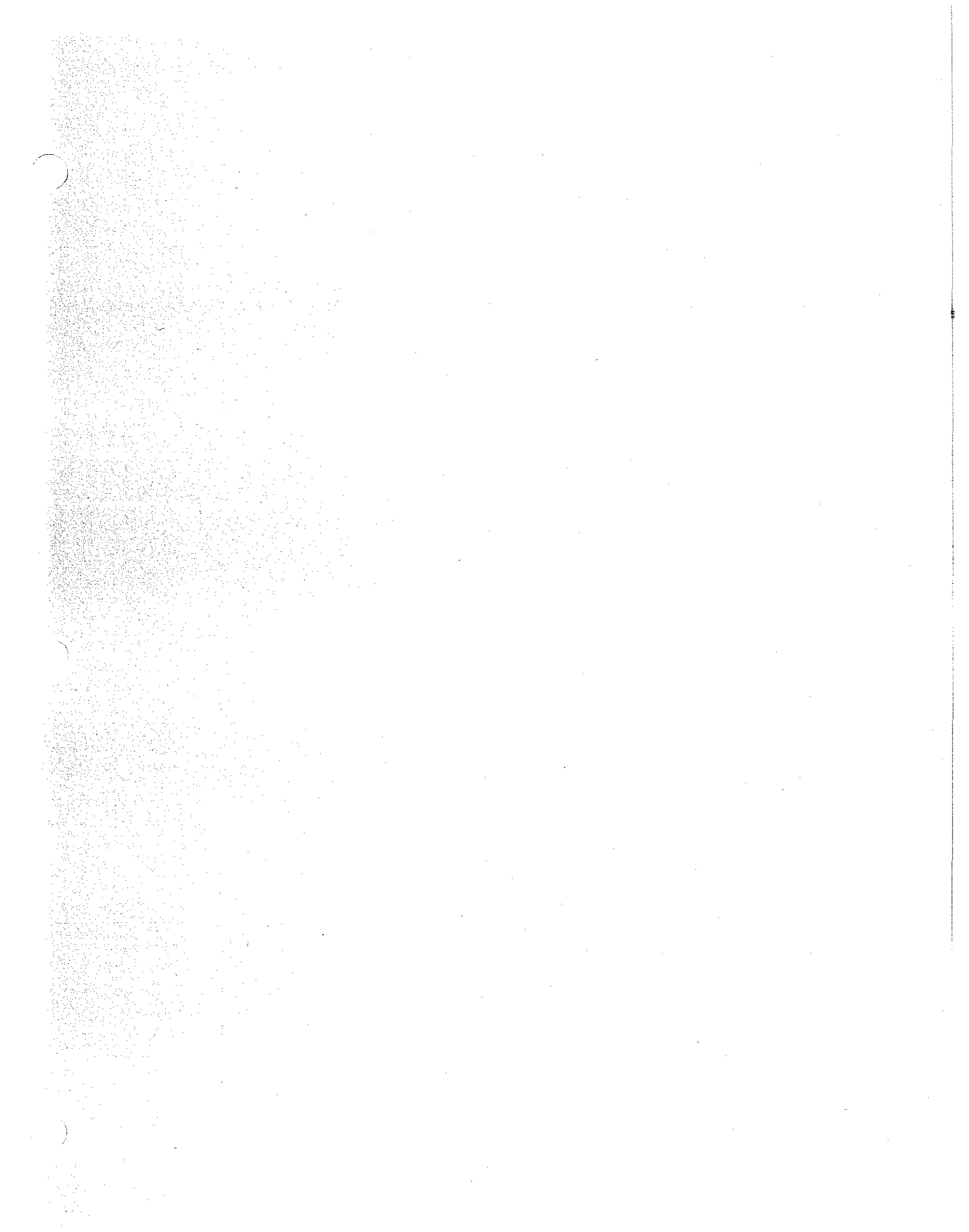
F19A
F18A
Virgin
Lake

Property Line

Streams

- 1 - Field Number
- 6A - Number of Acres (Planimetered)
- A - Amended Field

Oct 98





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

RWOCB
NORTH COAST
REGION

90 West Redwood Avenue

Fort Bragg, California

95437-3471

Telephone (707) 964-5651

DEC 21 '98

December 16, 1998

Mr. Charles Vath
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

<input type="checkbox"/> LM	<input type="checkbox"/> RK
<input type="checkbox"/> CJ	<input type="checkbox"/>
<input type="checkbox"/> FR	<input type="checkbox"/> KD
<input checked="" type="checkbox"/> RT	<input type="checkbox"/> PG
<input type="checkbox"/> JH	<input type="checkbox"/> JS
<input type="checkbox"/> SW	<input type="checkbox"/> ALL STAFF
<input type="checkbox"/> TD	<input type="checkbox"/> BOARD
<input type="checkbox"/>	<input type="checkbox"/>

96-096
12-22-98
BP

Dear Mr. Vath:

Enclosed is the November 1998 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

Amending activities are completed for 1998. Seeding of the amended areas was completed in the first part of November, with winter stockpiling now in effect.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3350.

Sincerely,

Larry L. Lake
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF NOVEMBER 1998

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 7	30	1.00 Inches
8 - 14	0 Yds.	3.15
15 - 21	20	.65
22 - 28	0	1.10
29 - 30	0	.25
	<hr/> 50 Yds	<hr/> 6.15 Inches

The total number of treated acres to date = 150.00 acres

Water Monitoring and Testing

No samples collected for the month of November.

Deposition

Amending and seeding activities are completed, with winter stockpiling now in process. There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 11/12/98 & 11/19/98. Each load contained 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of November 1998

<u>DAY</u>	<u>RAINFALL</u>
1.	N/A
2.	N/A
3.	.25
4.	N/A
5.	N/A
6.	N/A
7.	.75
8.	.25
9.	N/A
10.	N/A
11.	N/A
12.	N/A
13.	.30
14.	2.60
15.	.50
16.	N/A
17.	N/A
18.	.15
19.	N/A
20.	N/A
21.	N/A
22.	1.10
23.	N/A
24.	N/A
25.	N/A
26.	N/A
27.	N/A
28.	N/A
29.	N/A
30.	.25
31.	N/A



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

R.W.Q.C.B.
NORTH COAST
REGION
West Redwood Avenue
Fort Bragg, California
5487-3471
Telephone (707) 964-5651

JAN 20 1999

January 15, 1999

Mr. Charles Vath
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

LM RK
 CJ
 FR KD
 ART PG
 JH JS
 SW ALL STAFF
 TD BOARD
 BR 1-21-99

96-096

AP

Dear Mr. Vath:

Enclosed is the December 1998 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There have been no amending activities for the month of December.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3350.

Sincerely,

Larry L. Lake
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF DECEMBER 1998

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 5	0	1.05 Inches
6 - 12	0 Yds.	.85
13 - 19	0	1.10
20 - 26	0	0
27 - 31	0	0
	<hr/> 0 Yds	<hr/> 3.00 Inches

The total number of treated acres to date = 150.00 acres

Water Monitoring and Testing

No samples collected for the month of December.

Deposition

No amending activities for the month of December.

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 12/13/98 & 12/24/98. Each load contained 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.

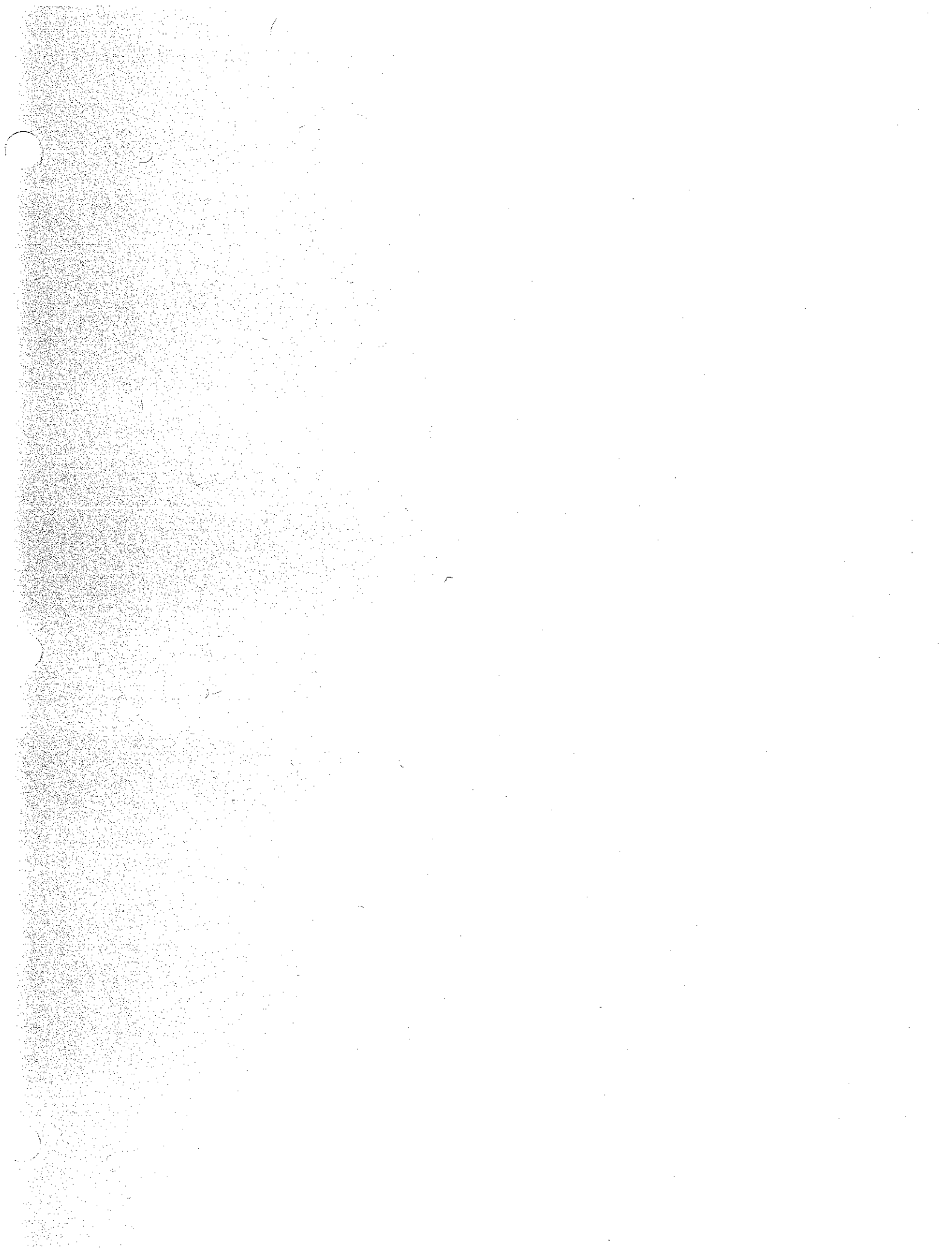
90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of December 1998

<u>DAY</u>	<u>RAINFALL</u>
1.	N/A
2.	.80
3.	.25
4.	N/A
5.	.25
6.	N/A
7.	N/A
8.	.85
9.	N/A
10.	N/A
11.	N/A
12.	N/A
13.	1.1
14.	N/A
15.	N/A
16.	N/A
17.	N/A
18.	N/A
19.	N/A
20.	N/A
21.	N/A
22.	N/A
23.	N/A
24.	N/A
25.	N/A
26.	N/A
27.	N/A
28.	N/A
29.	N/A
30.	N/A
31.	N/A





Georgia-Pacific Corporation

**RWQCB
NORTH COAST
REGION**

Georgia-Pacific West, Inc.
A wholly owned subsidiary

FEB 25 '99

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

February 22, 1999

Mr. Charles Vath
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

- OLM
- OCJ
- OFR
- ORT
- OJH
- OSW
- OTD
- O 2-26-99
- O PK
- O
- O KD
- O PG
- O JS
- O ALL STAFF
- O BOARD

TZ
96-096

BP

Dear Mr. Vath:

Enclosed is the January 1999 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There have been no amending activities for the month of January.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JANUARY 1999

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 2	30	.00 Inches
3 - 9	140 Yds.	.00
10 - 16	150	1.26
17 - 23	420	3.28
24 - 30	410	1.20
	<u>1150 Yds</u>	<u>5.74 Inches</u>

The total number of treated acres to date = 150.00 acres.

Water Monitoring and Testing

No samples collected for the month of January.

Deposition

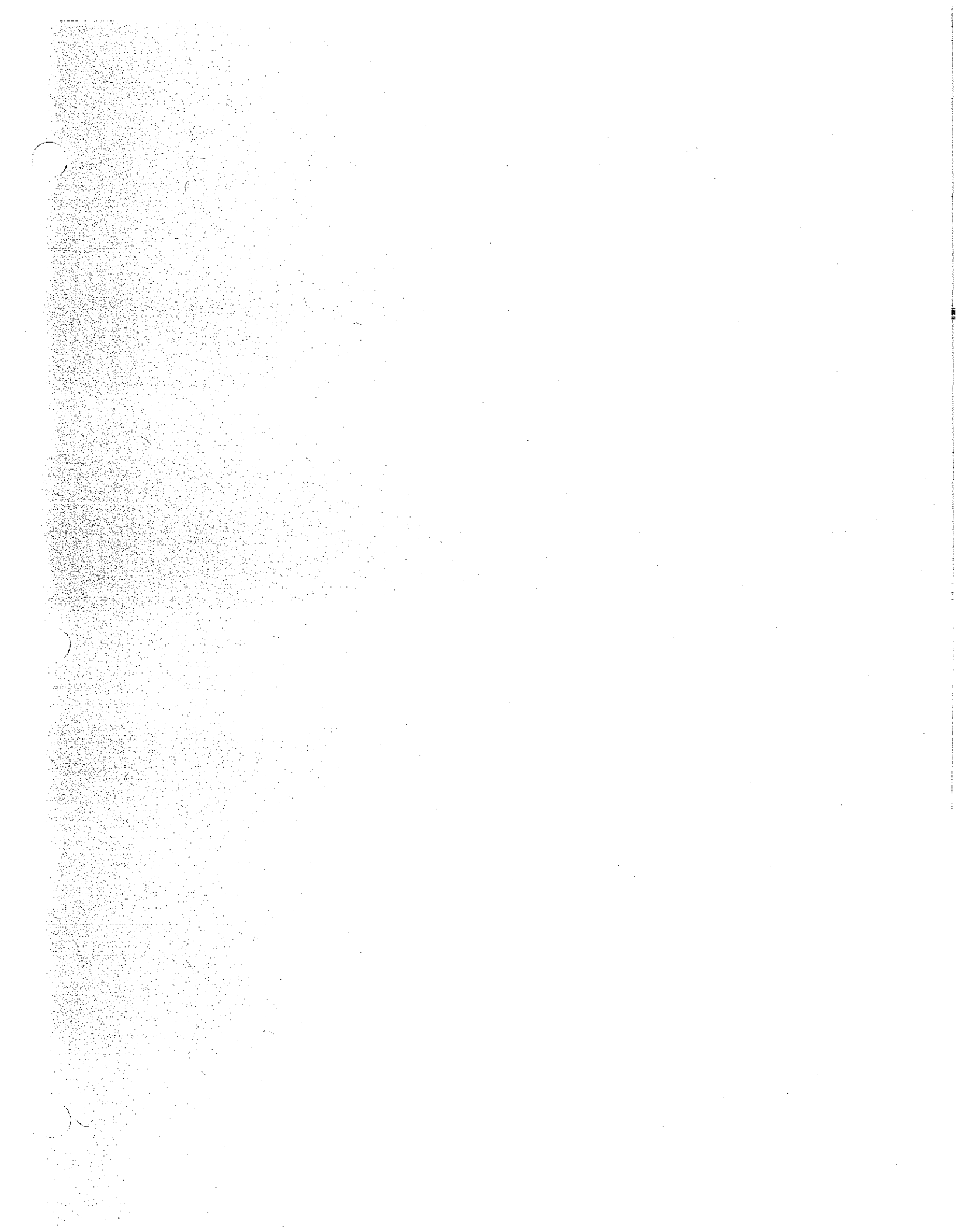
No amending activities for the month of January.

There has been 10 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul date was 1/20/99. The load contained 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of January 1999

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.00
11.	.00
12.	.00
13.	.00
14.	.10
15.	.47
16.	.69
17.	.53
18.	.39
19.	.25
20.	.33
21.	.30
22.	.63
23.	.85
24.	.00
25.	.00
26.	.23
27.	.00
28.	.00
29.	.00
30.	.00
31.	.97





RWQCB
NORTH COAST
REGION
Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

MAR 12 '99

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

March 10, 1999

Mr. Charles Vath
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

- LM RK
- CJ
- FR KO
- RT PG
- JH JS
- SW ALL STAFF
- TD BOARD
- 3-12-99

96-096

BP

Dear Mr. Vath:

Enclosed is the February 1999 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There have been no amending activities for the month of February.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF FEBRUARY 1999

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1 - 6	300	2.01 Inches
7 - 13	240 Yds.	4.65
14 - 20	240	3.61
21 - 27	270	3.28
28		0.99
	<hr/> 1050 Yds	<hr/> 14.54 Inches

The total number of treated acres to date = 150.00 acres

Water Monitoring and Testing

No samples collected for the month of February.

Deposition

No amending activities for the month of February.

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 2/4/99 and 2/24/99. Each load contained 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of February 1999

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.03
4.	.05
5.	.00
6.	1.93
7.	1.37
8.	.61
9.	1.83
10.	.33
11.	.00
12.	.00
13.	.51
14.	.21
15.	.00
16.	1.30
17.	.83
18.	.75
19.	.04
20.	.48
21.	.61
22.	.20
23.	.61
24.	.60
25.	1.01
26.	.11
27.	.14
28.	.99
29.	.00
30.	.00
31.	.00



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[The text in this section is extremely faint and illegible due to heavy noise and low contrast.]



RWQCB
NORTH COAST
REGION

Georgia-Pacific Corporation

Georgia-Pacific West, Inc.

A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

APR 19 '99

- LM RK
- CJ
- FR KD
- RT PG
- JH JS
- SW ALL STAFF
- TD BOARD
- 4-20-99

BP

96-096

April 15, 1999

Mr. Charles Vath
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Vath:

Enclosed is the March 1999 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There have been no amending activities for the month of March.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF MARCH 1999

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 6	270	.76 Inches
7 - 13	150 Yds.	1.63
14 - 20	300	1.47
21 - 27	210	4.09
28 - 31	160	1.22
	<u>1090 Yds</u>	<u>9.17 Inches</u>

The total number of treated acres to date = 150.00 acres.

Water Monitoring and Testing

No samples collected for the month of March.

Deposition

No amending activities for the month of March.

There has been 10 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul date was 3/5/99.

GEORGIA-PACIFIC WEST, INC.

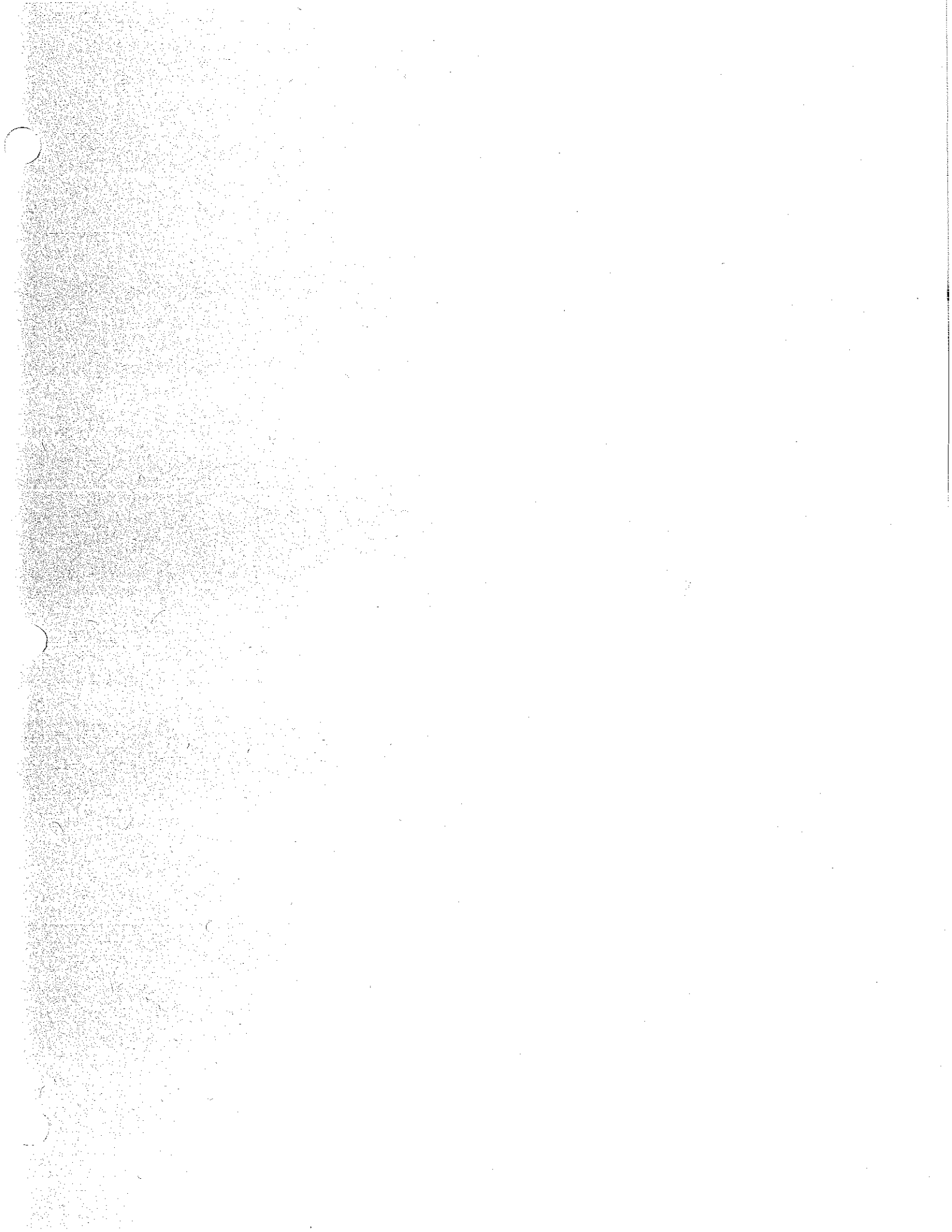
90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of March 1999

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.66
4.	.10
5.	.00
6.	.00
7.	.00
8.	1.07
9.	.51
10.	.05
11.	.00
12.	.00
13.	.00
14.	1.34
15.	.03
16.	.00
17.	.00
18.	.00
19.	.00
20.	.10
21.	.05
22.	.22
23.	.62
24.	2.93
25.	.27
26.	.00
27.	.00
28.	.00
29.	.16
30.	.72
31.	.34





Georgia-Pacific Corporation
Georgia-Pacific West, Inc.
A wholly owned subsidiary
Georgia-Pacific Corporation

90 West Redwood Avenue
Fort Bragg, California 95437-3471
Telephone (707) 964-5851

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California 95437-3471
Telephone (707) 964-5651

**FWC
NORTH COAST
REGION**

MAY 17 '99

May 13, 1999

Mr. Charles Vath
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

LSA RM
 C J
 RW KP
 MT PG
 W JS
 SW ALL STAFF
 BOARD
 BCP

5-18-99

Dear Mr. Vath:

Enclosed is the April 1999 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

96-096

There have been no amending activities for the month of April.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF APRIL 1999

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1 - 3	90	.00 Inches
4 - 10	220 Yds.	2.23
11 - 17	130	.72
18 - 24	180	.00
25 - 30	210	.02
	<hr/> 830 Yds	<hr/> 2.97 Inches

The total number of treated acres to date = 150.00 acres

Water Monitoring and Testing

No samples collected for the month of April.

Deposition

No amending activities for the month of April.

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 4/3/99 and 4/28/99.

GEORGIA-PACIFIC WEST, INC.
 90 W. Redwood Avenue
 Fort Bragg, CA 95437
 (707) 964-5651

RWOCB
 NORTH COAST
 REGION

MAY 17 '99

Rainfall for the Month of April 1999

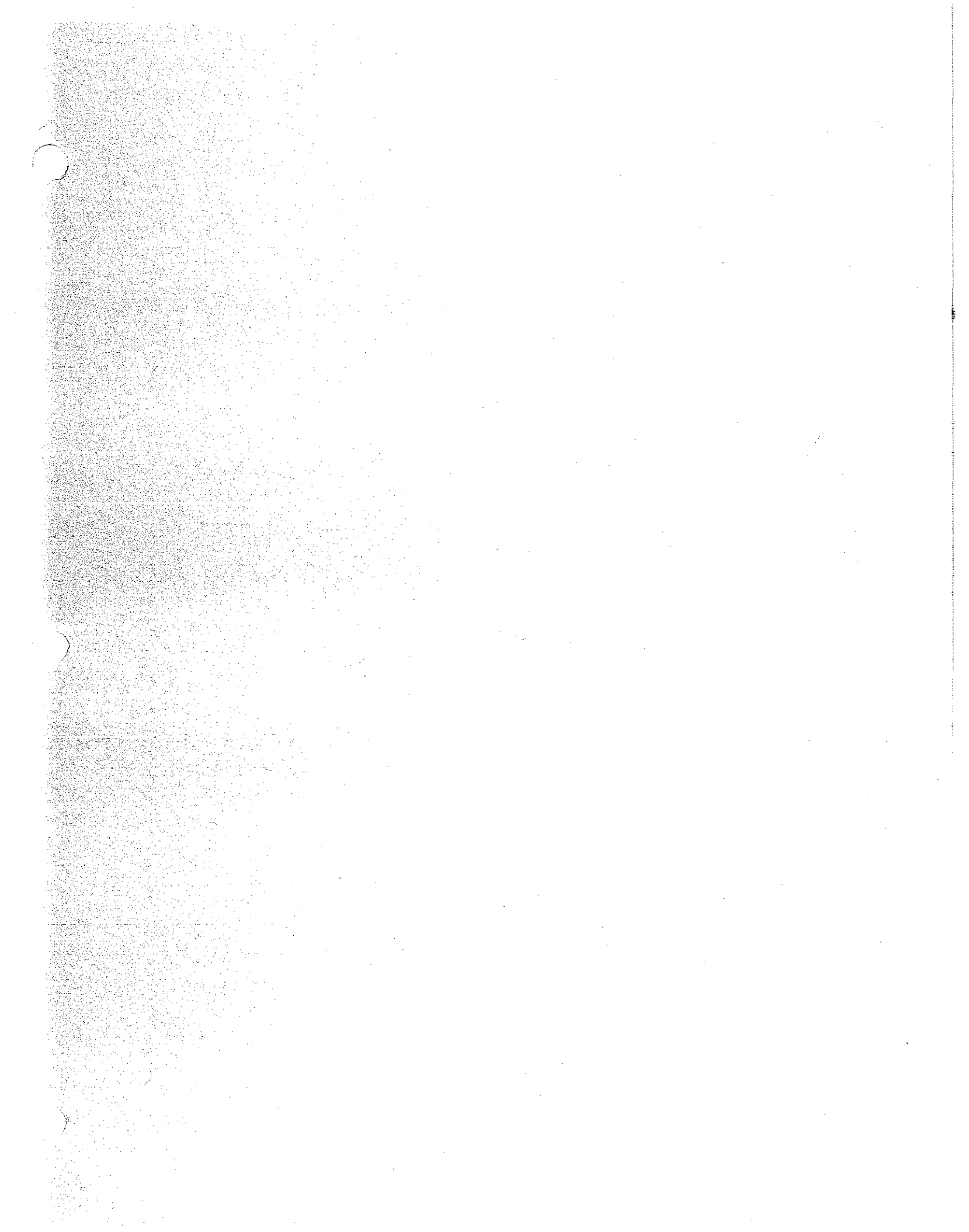
DAY	RAINFALL
1.	.00
2.	.00
3.	.00
4.	.00
5.	.42
6.	.09
7.	.00
8.	1.21
9.	.02
10.	.49
11.	.72
12.	.00
13.	.00
14.	.00
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.00
26.	.02
27.	.00
28.	.00
29.	.00
30.	.00
31.	.00

- LM RK
- CJ
- FR KD
- RT PG
- JH JS
- SW ALL STAFF
- TD BOARD
-

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

NO.

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

JUN 15 '99

June 8, 1999

Mr. Charles Vath
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

- LM
- CJ
- FR
- RT
- JH
- SW
- TO
- BK
- KD
- PG
- JS
- ALL STAFF
- BOARD
- BP 6-16-99

Dear Mr. Vath:

Enclosed is the May 1999 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There have been no amending activities for the month of May.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF MAY 1999

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1	90	.01 Inches
2 - 8	150 Yds.	.37
9 - 15	180	.00
16 - 22	450	.10
23 - 29	400	.00
30 - 31	0	.00
—	1270 Yds	.48 Inches

The total number of treated acres to date = 150.00 acres

Water Monitoring and Testing

No samples collected for the month of May.

Deposition

No amending activities for the month of May.

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 5/9/99 and 5/31/99.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

AWOCB
NORTH COAST

JUN 15 '99

Rainfall for the Month of May 1999

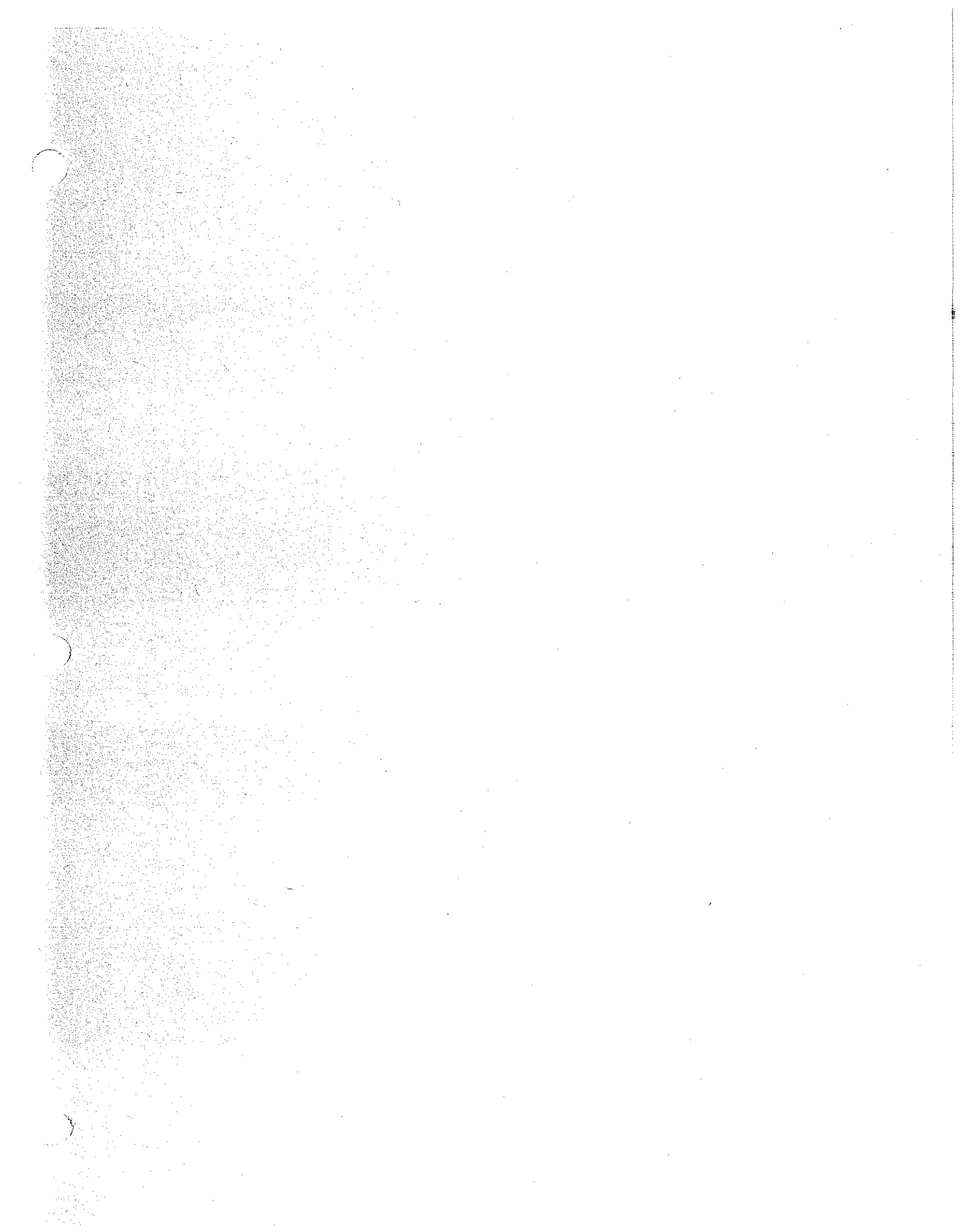
DAY	RAINFALL
1	.01
2	.14
3	.23
4	.00
5	.00
6	.00
7	.00
8	.00
9	.00
10	.00
11	.00
12	.00
13	.00
14	.00
15	.00
16	.00
17	.00
18	.10
19	.00
20	.00
21	.00
22	.00
23	.00
24	.00
25	.00
26	.00
27	.00
28	.00
29	.00
30	.00
31	.00

LM RK
 CJ
 FR NO
 RT PG
 JH JS
 SW ALLSTAFF
 TO BOARD

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation
 RWQCB
 NORTH COAST
 REGION

Georgia-Pacific West, Inc.
 A wholly owned subsidiary

JUL 14 '99

90 West Redwood Avenue
 Fort Bragg, California
 95437-3471
 Telephone (707) 964-5651

July 13, 1999

Mr. Charles Vath
 North Coast Regional Water
 Quality Control Board
 5550 Skylane Boulevard, Suite A
 Santa Rosa, CA 95403

- LM
- RK
- CJ
- FR
- RT
- JH
- SW
- TD
- PG
- KO
- JS
- ALL STAFF
- BOARD
- 7-15-99 BP

Dear Mr. Vath:

Enclosed is the June 1999 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There have been no amending activities for the month of June.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
 Environmental Coordinator
 Fort Bragg Operations

cc: R. Holen
 R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JUNE 1999

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1 - 5	240	.06 Inches
6 - 12	240 Yds.	.00
13 - 19	180	.16
20 - 26	90	.00
27 - 30	80	.00
	<hr/> 830 Yds	<hr/> .22 Inches

The total number of treated acres to date = 150.00 acres

Water Monitoring and Testing

No samples collected for the month of June.

Deposition

No amending activities for the month of June.

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 6/7/99, 6/14/99 and 6/28/99.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

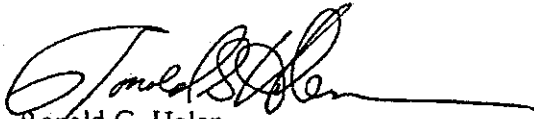
Fort Bragg, CA 95437

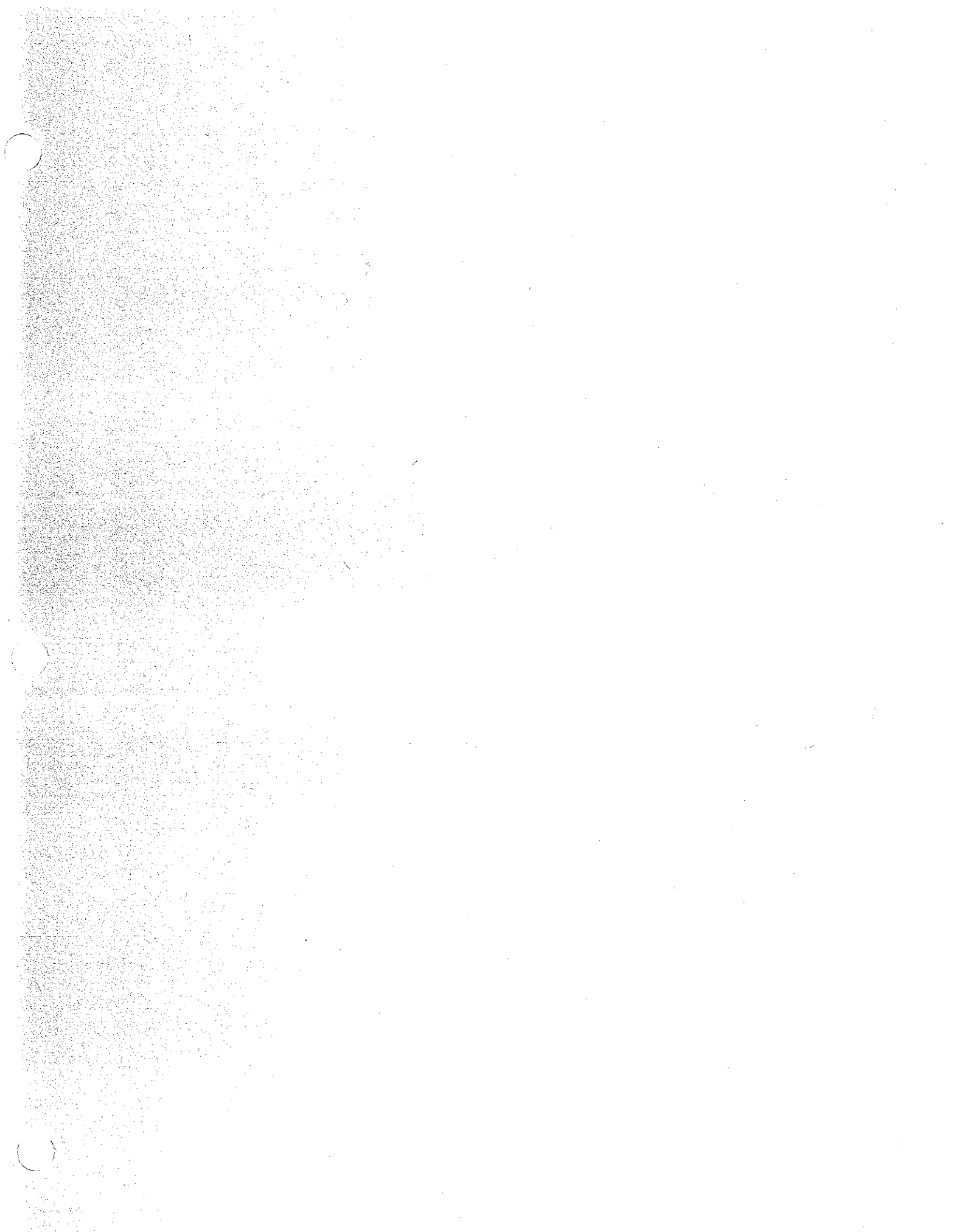
(707) 964-5651

Rainfall for the Month of June 1999

<u>DAY</u>	<u>RAINFALL</u>
1.	.06
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.00
11.	.00
12.	.00
13.	.00
14.	.06
15.	.10
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.00
26.	.00
27.	.00
28.	.00
29.	.00
30.	.00
31.	.00

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted: Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

August 16, 1999

Mr. Charles Vath
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Vath:

Enclosed is the July 1999 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There have been no amending activities for the month of July.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

RWOCB
NORTH COAST
REGION

AUG 18 '99

<input type="checkbox"/> DAM	<input type="checkbox"/> RK
<input type="checkbox"/> DCJ	<input type="checkbox"/>
<input checked="" type="checkbox"/> DFB	<input type="checkbox"/> KD
<input checked="" type="checkbox"/> BRT	<input type="checkbox"/> PG
<input type="checkbox"/> DJH	<input type="checkbox"/> JS
<input type="checkbox"/> SW	<input type="checkbox"/> ALL STAFF
<input type="checkbox"/> TD	<input type="checkbox"/> BOARD
<input type="checkbox"/>	<input type="checkbox"/>

10-7-99 RP
(AL) 10/7/99

Rec'd from ALW
10-7-99
RP

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JULY 1999

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1 - 3	90	.00 Inches
4 - 10	90 Yds.	.00
11 - 17	150	.00
18 - 24	90	.08
25 - 31	90	.02
	<hr/> 510 Yds	<hr/> .10 Inches

The total number of treated acres to date = 150.00 acres

Water Monitoring and Testing

No samples collected for the month of July.

Deposition

No amending activities for the month of July.

There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 7/6, 7/15, 7/25, and 7/31/99.

HWOCB
NORTH COAST
REGION

AUG 18 '99

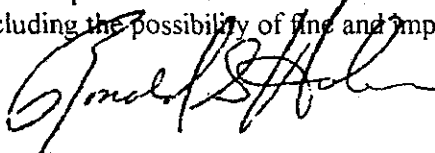
GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

LM ___ RK ___
 CW ___ ___
 FR ___ KD ___
 RT ___ PG ___
 JH ___ JS ___
 SW ___ ALL STAFF
 TD ___ BOARD

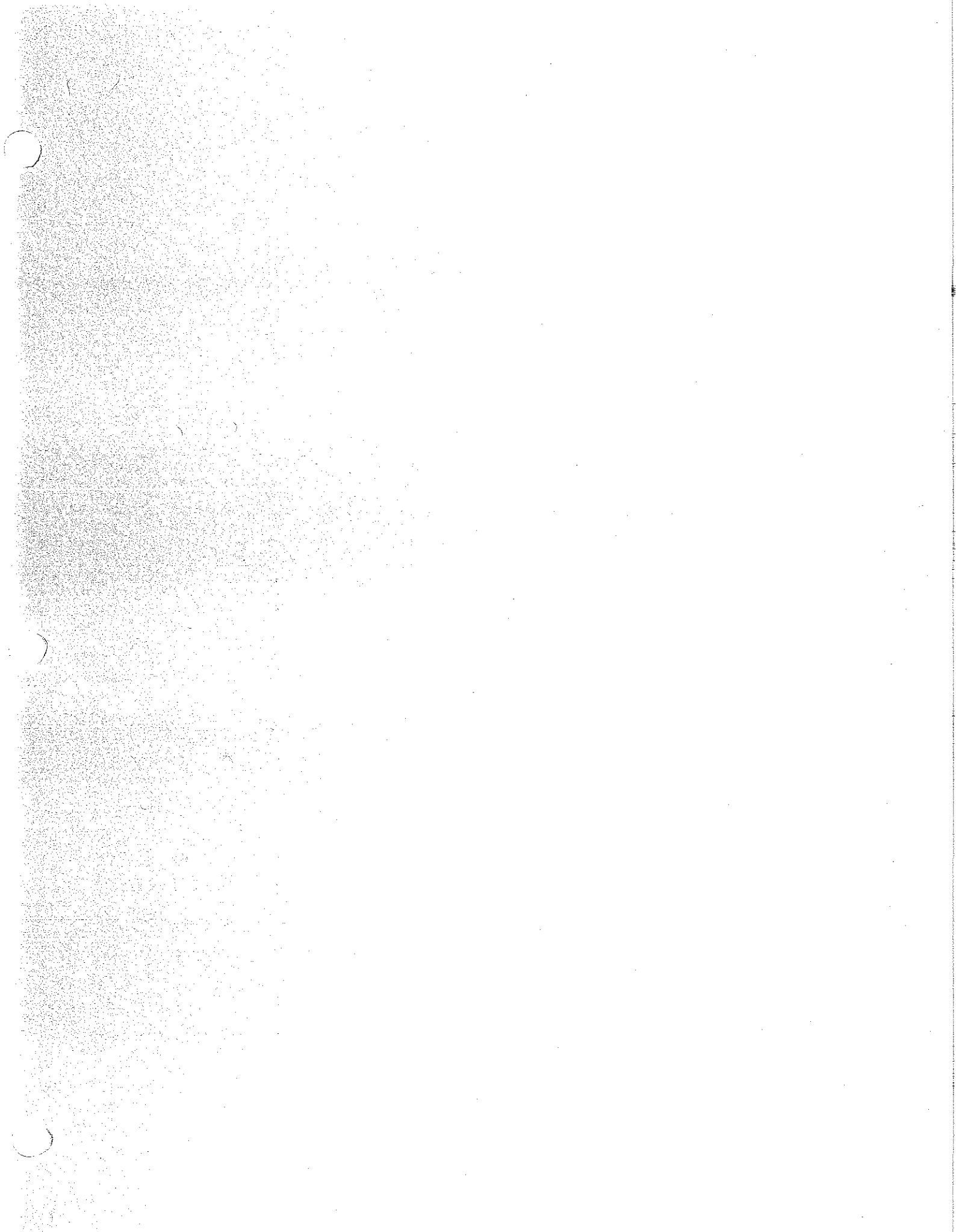
Rainfall for the Month of July 1999

DAY	RAINFALL
1	.00
2	.00
3	.00
4	.00
5	.00
6	.00
7	.00
8	.00
9	.00
10	.00
11	.00
12	.00
13	.00
14	.00
15	.00
16	.00
17	.00
18	.00
19	.00
20	.00
21	.00
22	.00
23	.03
24	.05
25	.00
26	.00
27	.00
28	.02
29	.00
30	.00
31	.00

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation ^{RWQCB}
 NORTH COAST
 Georgia-Pacific West, Inc. REGION
 A wholly owned subsidiary

90 West Redwood Avenue
 Fort Bragg, California
 95437-3471
 Telephone (707) 964-5651

SEP 17 '99

September 15, 1999

Mr. Charles Vath
 North Coast Regional Water
 Quality Control Board
 5550 Skylane Boulevard, Suite A
 Santa Rosa, CA 95403

- LM RK
- CJ
- FR KD
- RT PG
- JH JS
- SW ALL STAFF
- TD BOARD
- 9-20-99

DEP AW

BP (AD) 10/4/99

Dear Mr. Vath:

Enclosed is the August 1999 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

There have been no amending activities for the month of August.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
 Environmental Coordinator
 Fort Bragg Operations

cc: R. Holen
 R. Sherwood (Portland)

SEP 17 99

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF AUGUST 1999

- LM ___ RK ___
 CJ ___ ___
 FR ___ KD ___
 RT ___ PG ___
 JH ___ JS ___
 SW ___ ALL STAFF
 TD ___ BOARD

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 7	130	.00 Inches
8 - 14	180 Yds.	.00
15 - 21	180	.00
22 - 28	90	.00
29 - 31	80	.00
	<hr/> 660 Yds	<hr/> .00 Inches

The total number of treated acres to date = 150.00 acres

Water Monitoring and Testing

No samples were required for the month of August.

Deposition

No amending activities for the month of August.

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 8/8 and 8/26/99.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

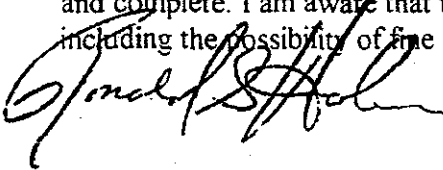
Fort Bragg, CA 95437

(707) 964-5651

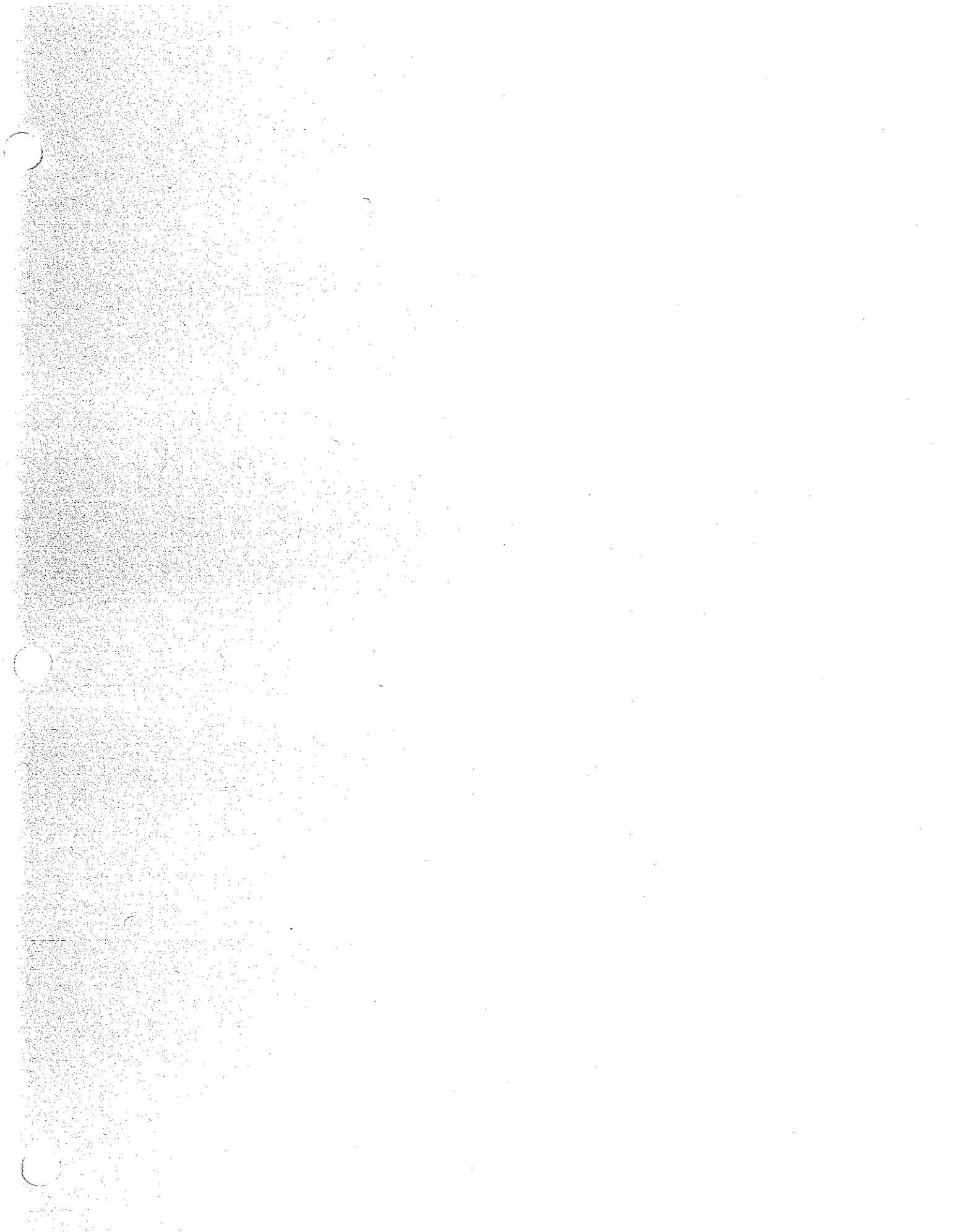
Rainfall for the Month of August 1999

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.00
11.	.00
12.	.00
13.	.00
14.	.00
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.00
26.	.00
27.	.00
28.	.00
29.	.00
30.	.00
31.	.00

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A handwritten signature in black ink, appearing to read "Ronald G. Holen", written in a cursive style.

Ronald G. Holen
Operations Manager



GEORGIA PACIFIC SOIL AMENDMENT



RWQCB
Georgia-Pacific Corporation NORTH COAST REGION

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

(AL) 11/02/99

October 13, 1999

Mr. Charles Vath
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

- LM RK
 - CJ ~~DL~~ → ACW
 - FR KD
 - RW PG
 - JH JS
 - SW ALL STAFF
 - TD BOARD
 - 10-18-99
- BP

Dear Mr. Vath:

Enclosed is the September 1999 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

10 acres were amended during the month of September.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF SEPTEMBER 1999

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1 - 4	210	.00 Inches
5 - 11	460 Yds.	.06
12 - 18	510	.05
19 - 25	420	.00
26 - 30	150	.00
	<hr/> 1750 Yds	<hr/> .11 Inches

The total number of treated acres to date = 160.00 acres

Water Monitoring and Testing

No samples were required for the month of September.

Deposition

10 acres were amended during the month of September.
There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 9/2, 9/8, 9/19, and 9/26/99.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

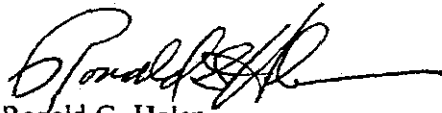
Fort Bragg, CA 95437

(707) 964-5651

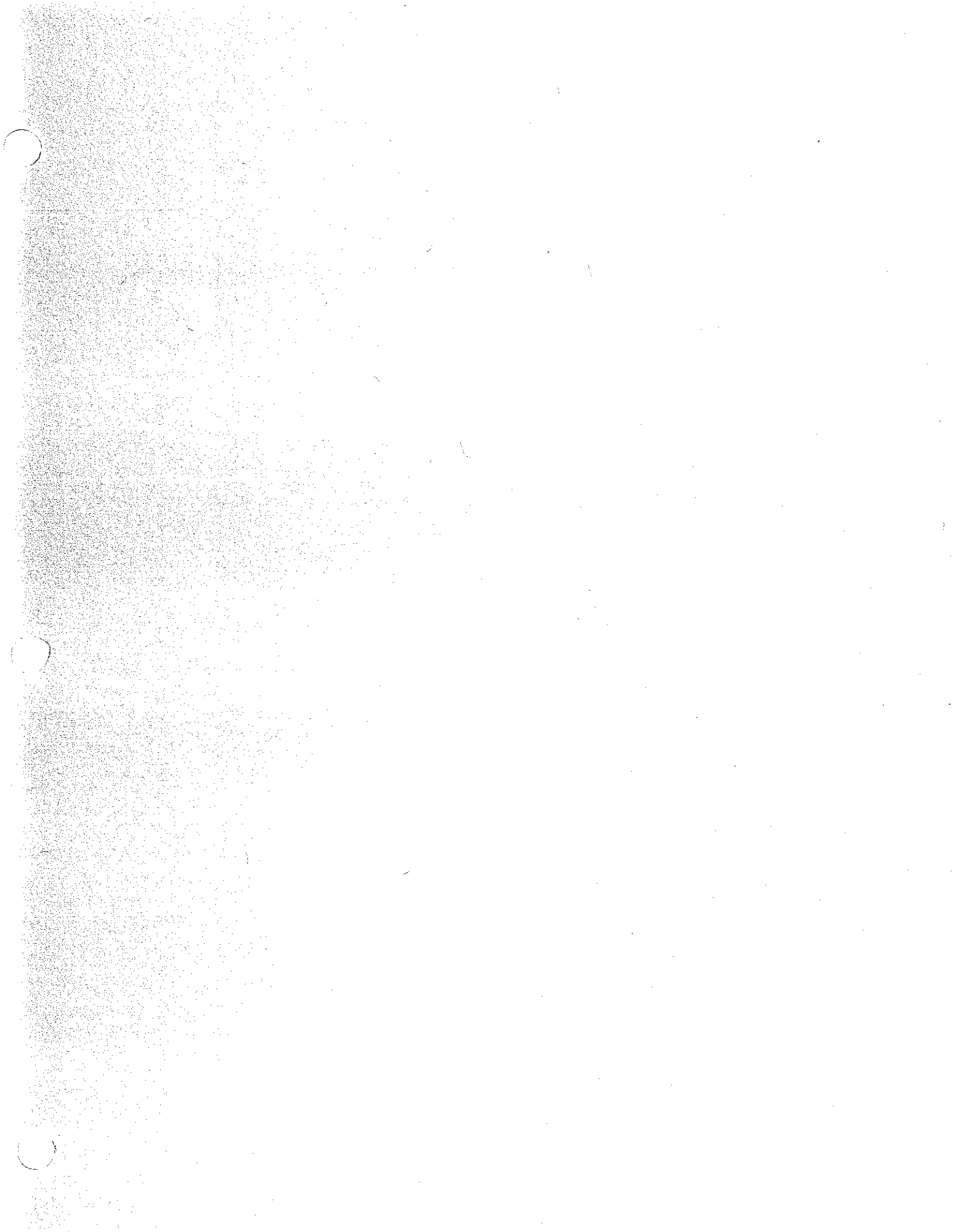
Rainfall for the Month of September 1999

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.03
9.	.02
10.	.01
11.	.00
12.	.00
13.	.02
14.	.02
15.	.00
16.	.01
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.00
26.	.00
27.	.00
28.	.00
29.	.00
30.	.00
31.	.00

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Ronald G. Holen
Operations Manager



GEORGIA PACIFIC SOIL AMENDMENT

WATER QUALITY
CONTROL BOARD
REGION 1



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

NOV 15 90 West Redwood Avenue
Fort Bragg, California
95437-3471

November 11, 1999

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

BK ERK
 CJ ER
 FR KD
 RT PG
 JH JS
 SW
 STAFF FILE

Telephone (707) 964-5651

11-16-99
BP

Dear Mr. Wellman:

(AL) 12/3/99

Enclosed is the October 1999 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

The amending process was completed this month.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF OCTOBER 1999

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 2	40	00 Inches
3 - 9	240 Yds.	02
10 - 16	230	00
17 - 23	120	00
24 - 30	140	1.70
31	<u>60</u>	00
	830 Yds	1 72 Inches

The total number of treated acres to date = 160.00 acres

Water Monitoring and Testing

No samples were required for the month of October.

Deposition

The amending project was completed during the month of October.
There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 10/3, 10/9, 10/17 and 10/24.


GEORGIA-PACIFIC WEST, INC.

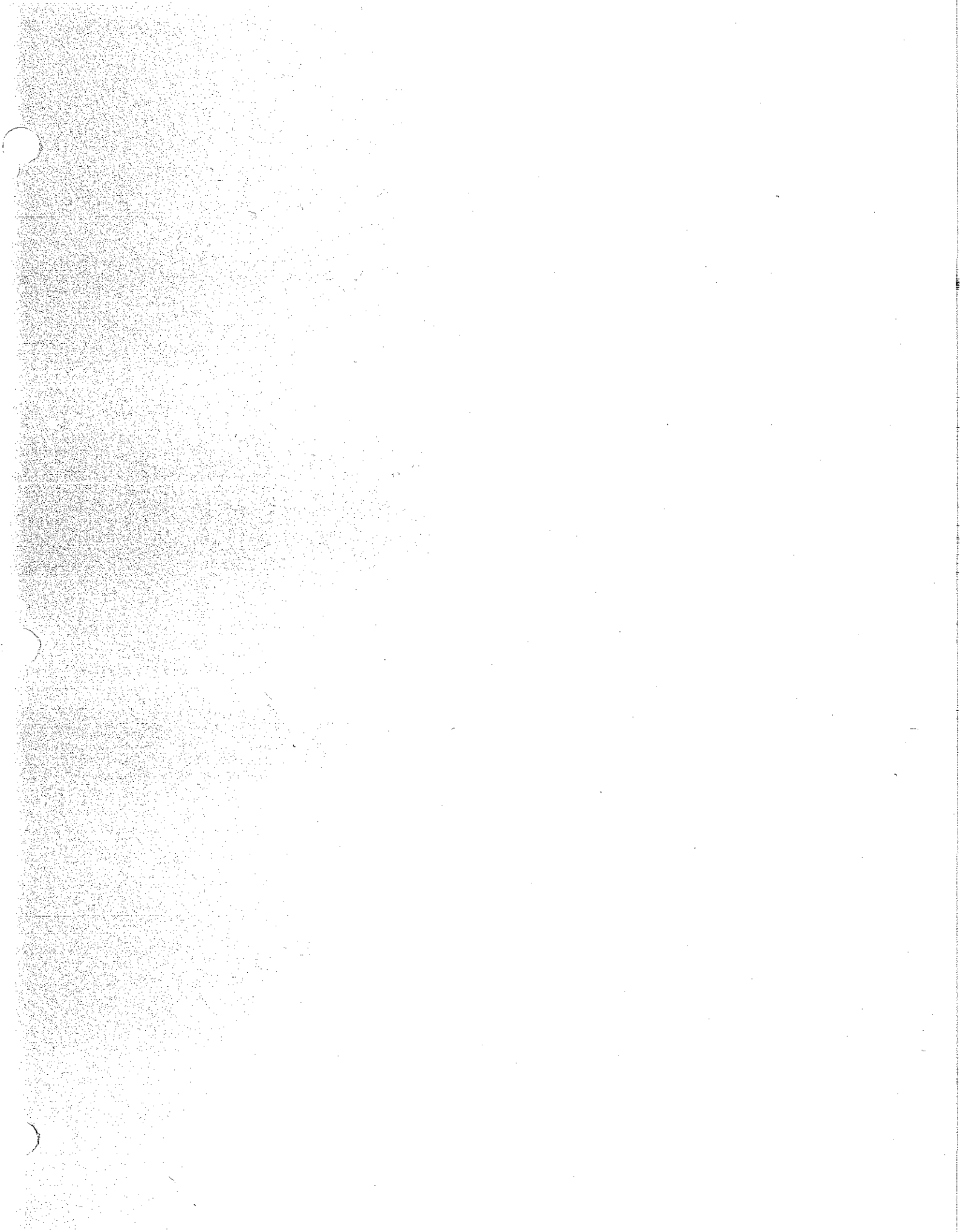
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of October 1999

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.02
7.	.00
8.	.00
9.	.00
10.	.00
11.	.00
12.	.00
13.	.00
14.	.00
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.00
26.	.00
27.	.93
28.	.77
29.	.00
30.	.00
31.	.00

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

December 13, 1999

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Wellman:

Enclosed is the November 1999 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

RWQCB
NORTH COAST
REGION
99 DEC 17 PM 4 26
DLM DEJ DFR DRT
DJH DSW DTD DKD
DJS ~~PH~~

12/22/99 (AL)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF NOVEMBER 1999

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 6	120	.00 Inches
7 - 13	300 Yds.	3.17
14 - 20	210	3.17
21 - 27	0	.46
28 - 30	0	1.98
31	<hr/>	.00
	630 Yds	8.78 Inches

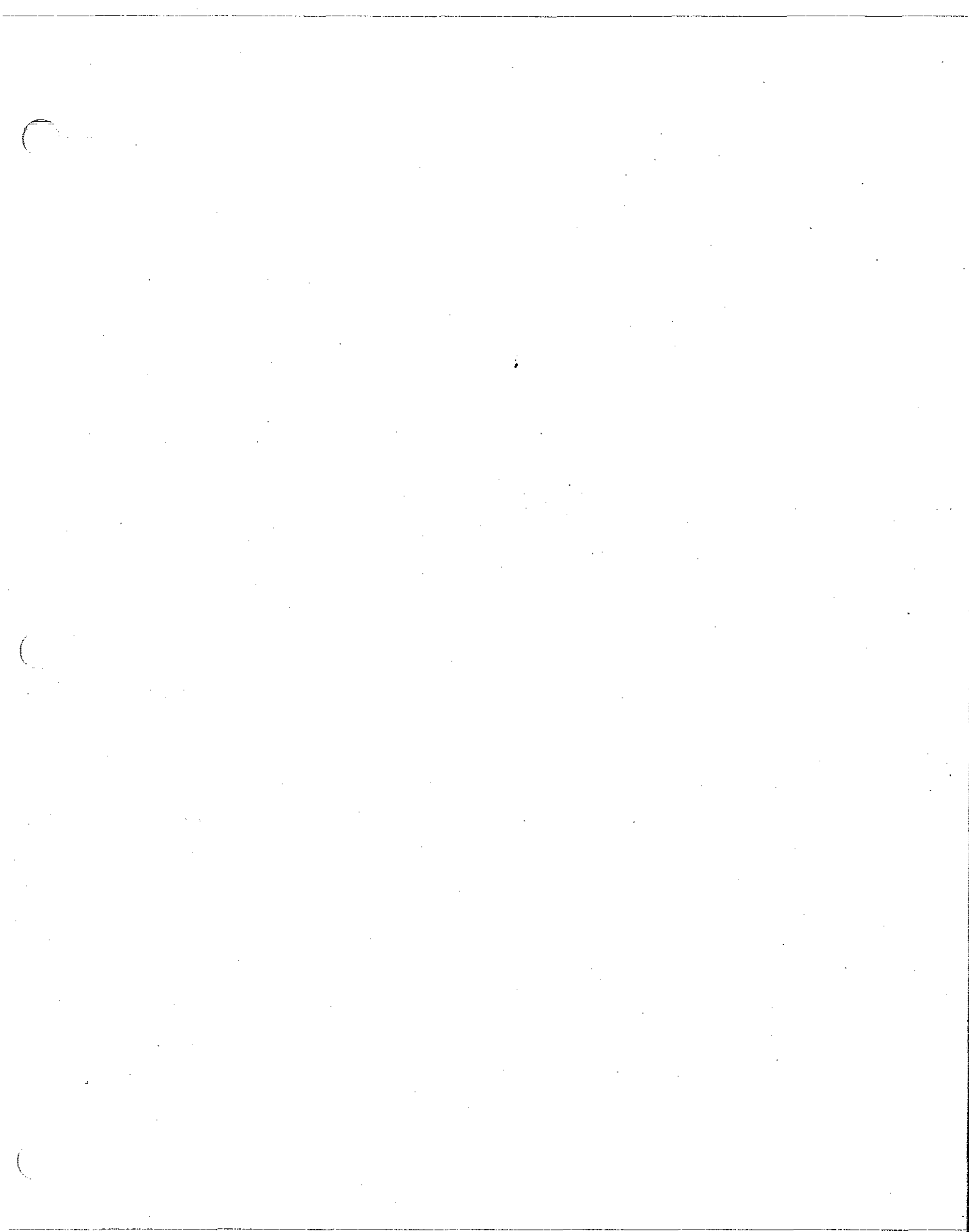
The total number of treated acres to date = 160.00 acres

Water Monitoring and Testing

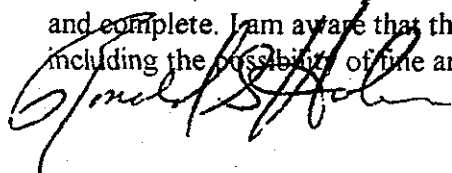
Samples were taken but not preserved properly and therefore invalid.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 11/7, 11/18, and 11/28.



" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Ronald G. Holen
Operations Manager

GEORGIA PACIFIC SOIL AMENDMENT



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California 95437-3471
Telephone (707) 964-5651

RWQCB
NORTH COAST
REGION

'99 DEC 29 PM 3 45

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, Ca. 95403

LM DJ FR RT

JH SW TD KD

JS BK

DSE → ALW

(AL) 1/4/00

Dear Mr. Wellman:

Please find enclosed some information that was omitted from the McGuire Ranch
November monthly monitoring report. I'm sorry for any inconvenience this may have
caused.

Sincerely yours,

Doug Heitmeyer
Environmental Coordinator

DATE	11/30/99	11/30/99	11/30/99	11/30/99
Location	N. ROAD	S. ROAD	N. POND	S. POND
PH	7.4	7.6	7.5	7.5
COD	N/A	N/A	N/A	N/A



IB 85030RMEN

GEORGIA PACIFIC SOIL AMENDMENT



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

January 11, 2000

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Wellman:

Enclosed is the December 1999 Monitoring Report for Georgia-Pacific West, Inc at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

96-096

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

RWQCB
 NORTH COAST
 REGION
 00 JAN 13 PM 3 18
 CLM DJ DFR DRT
 DJH DSW DTD DKO
 DUS

01-21-00
ALW

DE → ALW

(AL) 2/1/2000

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF DECEMBER 1999

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 4	140	.62 Inches
5 - 11	230 Yds.	1.37
12 - 18	270	33
19 - 25	30	.00
26 - 31	30	.00
	<hr/> 700 Yds	<hr/> .00 2.32 Inches

The total number of treated acres to date = 160.00 acres

Water Monitoring and Testing

Samples were not taken for COD as there was no flow.

The Ph levels were checked each week. (see attached sheet)

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 12/4, 12/13, and 12/24.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of December 1999

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>30</u>
<u>2.</u>	<u>32</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>20</u>
<u>7.</u>	<u>.06</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>1.05</u>
<u>10.</u>	<u>.06</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>20</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.01</u>
<u>18.</u>	<u>12</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

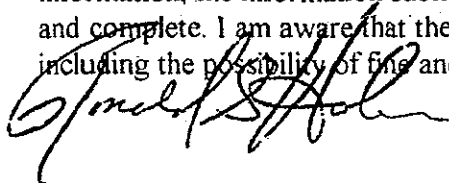
Location	N. Pond			
Date	7-Dec	14-Dec	21-Dec	28-Dec
PH	7.4	7.6	7.5	7.4
COD	N/A	N/A	N/A	N/A

Location	S. Pond			
Date	7-Dec	14-Dec	21-Dec	28-Dec
PH	7.5	7.4	7.3	7.6
COD	N/A	N/A	N/A	N/A

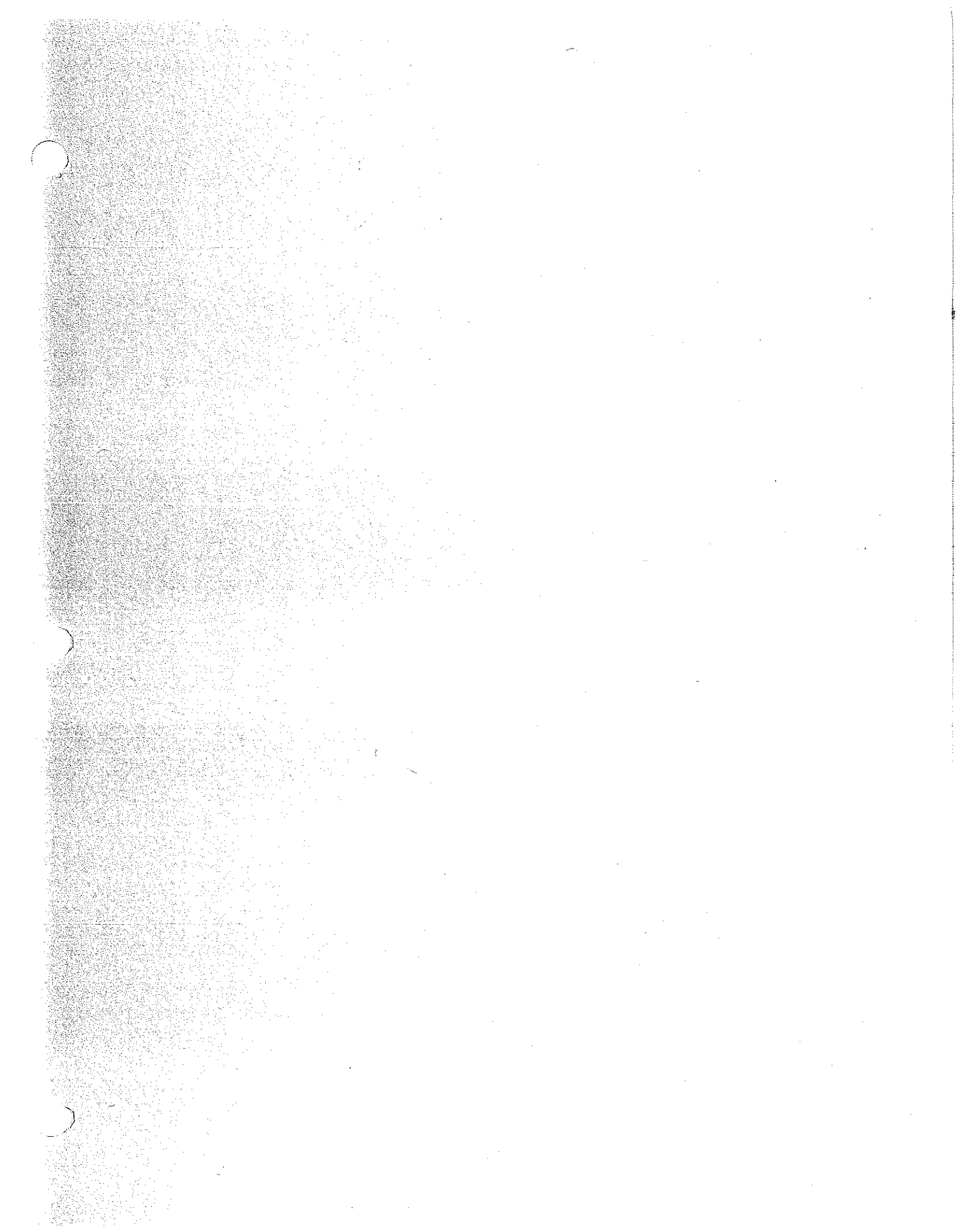
Location	N. Road			
Date	7-Dec	14-Dec	21-Dec	28-Dec
PH	7.4	7.6	7.3	7.3
COD	N/A	N/A	N/A	N/A

Location	S. Road			
Date	7-Dec	14-Dec	21-Dec	28-Dec
PH	7.6	7.5	7.3	7.5
COD	N/A	N/A	N/A	N/A

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Ronald G. Holen
Operations Manager



GEORGIA-PACIFIC MCGUIRE RANCH
1885030RME4



RWQCB
Georgia-Pacific NORTH COAST
REGION
Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

February 14, 2000

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

L M E J F R R T
 J H S W T D K C
 J S

2-23-00
Jee
DE → ALW
(AL) 3/30/2000

Dear Mr. Wellman:

Enclosed is the January 2000 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC MCGUIRE RANCH REPORT

MONTH OF JANUARY 2000

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1	0	.23 Inches
2 - 8	180 Yds.	59
9 - 15	180	3.19
16 - 22	270	3.32
23 - 29	340	1.18
30 - 31	60	1.14
—	1030 Yds	9.65 Inches

The total number of treated acres to date = 160.00 acres

Water Monitoring and Testing

The Ph levels were checked each week. (see attached sheet)
Water samples for COD were also taken.

Deposition

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 1/7 and 1/20.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of January 2000

<u>DAY</u>	<u>RAINFALL</u>
1.	.23
2.	.11
3.	.00
4.	.42
5.	.02
6.	.00
7.	.00
8.	.04
9.	.02
10.	.24
11.	1.00
12.	.02
13.	.36
14.	1.09
15.	.46
16.	1.20
17.	.02
18.	.57
19.	.80
20.	.09
21.	.64
22.	.00
23.	.46
24.	.14
25.	.58
26.	.00
27.	.00
28.	.00
29.	.00
30.	.88
31.	.26

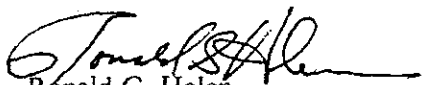
Location	N. Pond			
Date	7-Jan	14-Jan	21-Jan	28-Jan
PH	7.4	7.6	7.6	7.5
COD	41 mg/l			

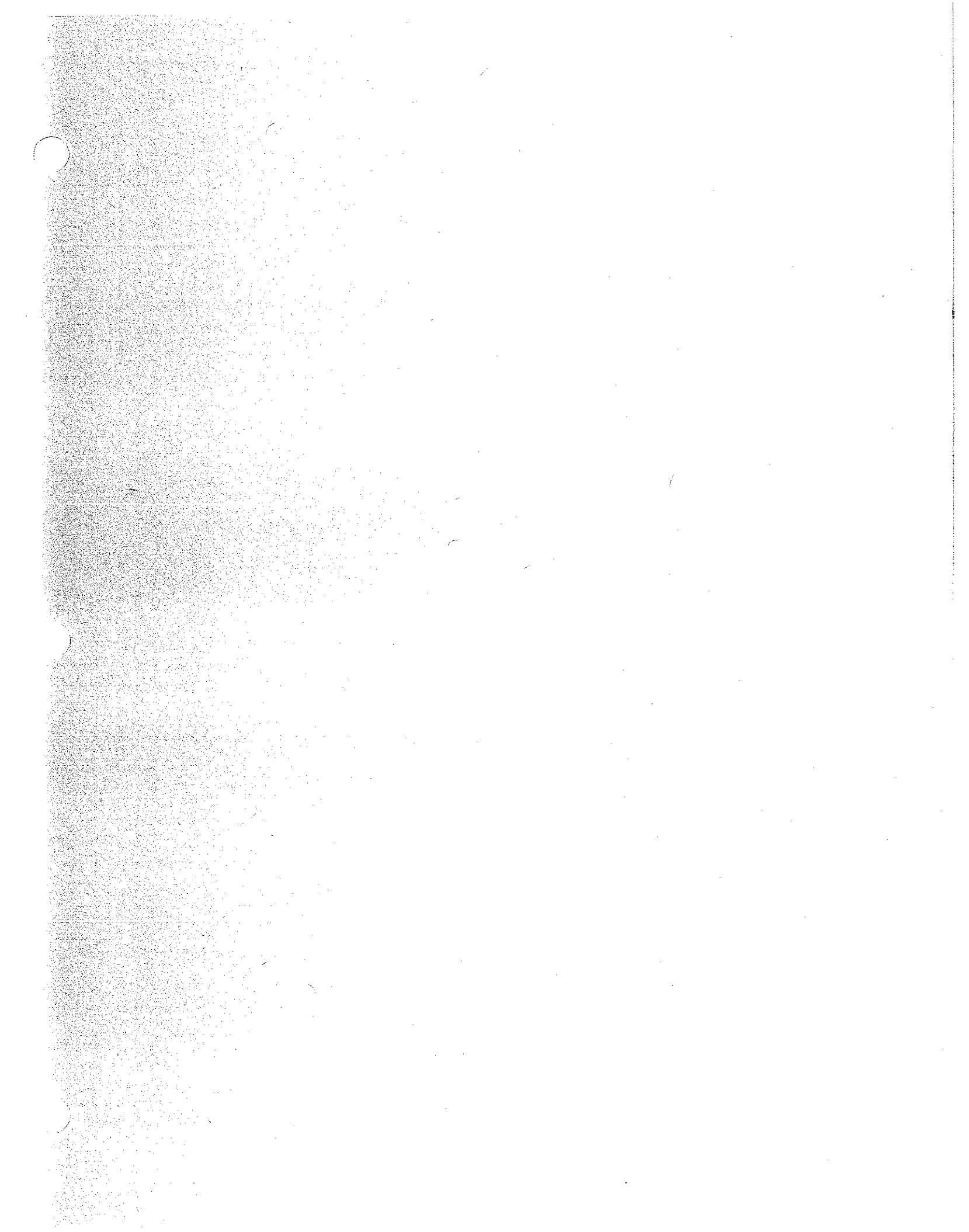
Location	S.Pond			
Date	7-Jan	14-Jan	21-Jan	28-Jan
PH	7.4	7.5	7.4	7.4
COD	25 mg/l			

Location	N.Road			
Date	7-Jan	14-Jan	21-Jan	28-Jan
PH	7.5	7.7	7.6	7.5
COD	58 mg/l			

Location	S.Road			
Date	7-Jan	14-Jan	21-Jan	28-Jan
PH	7.3	7.5	7.6	7.4
COD	37 mg/l			

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Ronald G. Holen
Operations Manager



96-096
385030RME1

GEORGIA-PACIFIC McGUIRE RANCH



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

March 16, 2000
Mr. At Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Wellman:

Enclosed is the February 2000 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

WATER QUALITY CONTROL BOARD REGION 1

<input type="checkbox"/> LAM	<input type="checkbox"/> CWS	<input type="checkbox"/> SAW
<input type="checkbox"/> CRJ	<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> KAD
<input type="checkbox"/> FCR	MAR 21 2000	<input type="checkbox"/> TBD
<input type="checkbox"/> FJB	<input checked="" type="checkbox"/> DSE	<input type="checkbox"/> OCI
<input type="checkbox"/> RSG	<input type="checkbox"/> JRH	<input type="checkbox"/> CTV
<input type="checkbox"/> NPQ	<input type="checkbox"/> RRK	
	<input type="checkbox"/> JLS	

(AL) 3/30/2000

3-24-00
Jew

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF FEBRUARY 2000

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1-5	300	1.00 Inches
6-12	300 Yds.	1.15
13-19	390	2.74
20-26	300	4.13
27-29		2.08
	<hr/> 1290 Yds	<hr/> 11.10 Inches

The total number of treated acres to date = 160.00 acres

Water Monitoring and Testing

The Ph levels were checked each week. (see attached sheet)
Water samples for COD were not required this month.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 2/1, 2/15 and 2/25.

WATER QUALITY CONTROL BOARD REGION

GEORGIA-PACIFIC WEST, INC

90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

- LMC
- CRJ
- FCR
- FJB
- RSG
- NPO

- CWS
- RLT
- MAR 21 2000
- DSE
- JRH
- RRK
- JLS

- SAW
- KAD
- TBD
- OCI
- CTV

Rainfall for the Month of February 2000

DAY	RAINFALL
1.	.00
2.	.00
3.	.40
4.	.10
5.	.50
6.	.02
7.	.00
8.	.00
9.	.02
10.	.16
11.	.54
12.	.41
13.	1.24
14.	1.30
15.	.04
16.	.06
17.	.10
18.	.00
19.	.00
20.	.31
21.	.33
22.	1.90
23.	.35
24.	.11
25.	.08
26.	1.05
27.	1.30
28.	.02
29.	.76
30.	.00
31.	.00

Location	N. Pond			
Date	3-Feb	9-Feb	17-Feb	24-Feb
PH	7.5	7.6	7.7	7.6
COD				

Location	S.Pond			
Date	3-Feb	9-Feb	17-Feb	24-Feb
PH	7.6	7.4	7.5	7.5
COD				

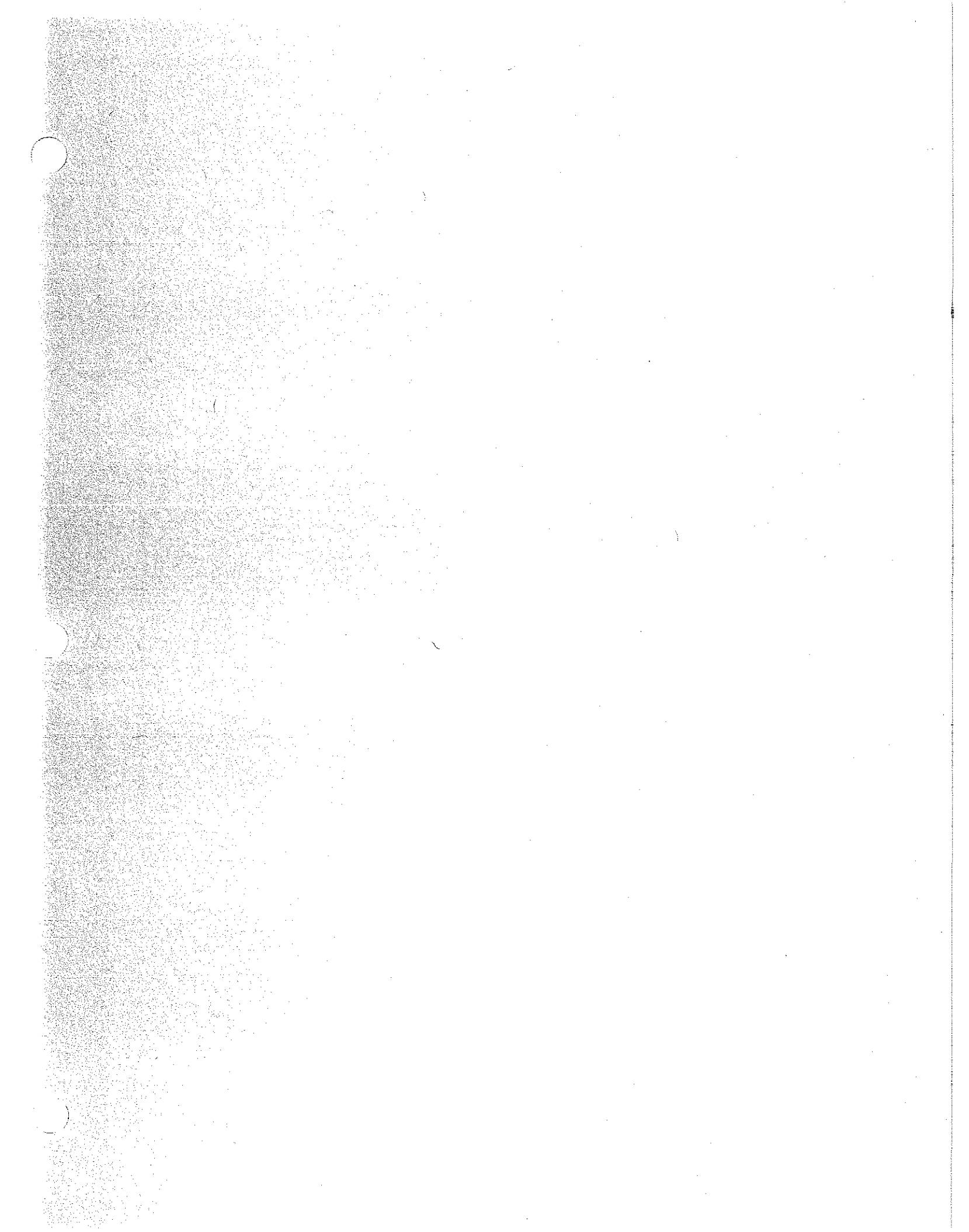
Location	N.Road			
Date	3-Feb	9-Feb	17-Feb	24-Feb
PH	7.7	7.6	7.6	7.7
COD				

Location	S.Road			
Date	3-Feb	9-Feb	17-Feb	24-Feb
PH	7.4	7.4	7.6	7.5
COD				

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Ronald G. Holen
Operations Manager



96-096



Georgia-Pacific Corporation WOOD
NORTH COAST
Georgia-Pacific West, Inc. REGION
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471

April 14, 2000

'00 APR 18

Telephone (707) 964-5651

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

M J FR RT
 JK SW YL KGC
 JS

DSE → ALW

4-21-00 ALW

(AL) 9/15/2000

Dear Mr. Wellman:

Enclosed is the March 2000 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF MARCH 2000

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1-4	180	.87 Inches
5 - 11	150 Yds.	1.70
12 -18	610	.13
19 -25	270	.11
26 -31	180	.00
	<hr/> 1390 Yds	<hr/> 2.81 Inches

The total number of treated acres to date = 160.00 acres

Water Monitoring and Testing

The Ph levels were checked each week and COD samples were taken for the month. (see attached sheet)

Deposition

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 3/9 and 3/18.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of March 2000

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.02</u>
<u>2.</u>	<u>.17</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.68</u>
<u>5.</u>	<u>.02</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.38</u>
<u>8.</u>	<u>.53</u>
<u>9.</u>	<u>.49</u>
<u>10.</u>	<u>.11</u>
<u>11.</u>	<u>.17</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.04</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.09</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.08</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.03</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

Location	N. Pond				
Date	2-Mar	9-Mar	16-Mar	24-Mar	30-Mar
PH	7.5	7.4	7.2	7.3	7.3
COD				17.0 mg/l	

Location	S. Pond				
Date	2-Mar	9-Mar	16-Mar	24-Mar	30-Mar
PH	7.4	7.3	7.5	7.2	7.3
COD				45.0 mg/l	

Location	N. Road				
Date	2-Mar	9-Mar	16-Mar	24-Mar	30-Mar
PH	7.5	7.6	7.4	7.2	7.4
COD				8.9 mg/l	

Location	S. Road				
Date	2-Mar	9-Mar	16-Mar	24-Mar	30-Mar
PH	7.4	7.5	7.2	7.3	7.4
COD				31.0 mg/l	



alpha

Alpha Analytical Laboratories Inc.

860 Waugh Lane, H-1, Ukiah, California 95482

e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Page 1 of 2

Georgia-Pacific West, Inc.
 90 West Redwood Avenue
 Ft. Bragg, CA 95437
 Attn: Doug Heitmeyer

Date Printed
 04/05/00

Project No:
 Project Id:

Order Number	Receipt Date/Time	Client	Client P.O.	Send Via
A00032424	03/24/00 03:45PM	GPF9	P-CARD	MAIL

METHOD	EXTRACTED	TEST DATE	RESULT	UNITS	PQL
Order A00032424 consisted of 4 Samples and 4 Tests.					
Sample 1 Upper Road					
Sample Type: Aqueous	Sampled By: Heitmeyer		Sampled: 03/24/00	10:00	
Chemical Oxygen Demand	410.2	04/03/00	8.9	mg/L	1.0
Sample 2 Lower Road					
Sample Type: Aqueous	Sampled By: Heitmeyer		Sampled: 03/24/00	10:10	
Chemical Oxygen Demand	410.2	04/03/00	31	mg/L	1.0
Sample 3 Upper Pond					
Sample Type: Aqueous	Sampled By: Heitmeyer		Sampled: 03/24/00	10:20	
Chemical Oxygen Demand	410.2	04/03/00	17	mg/L	1.0
Sample 4 Lower Pond					
Sample Type: Aqueous	Sampled By: Heitmeyer		Sampled: 03/24/00	10:30	
Chemical Oxygen Demand	410.2	04/03/00	45	mg/L	1.0

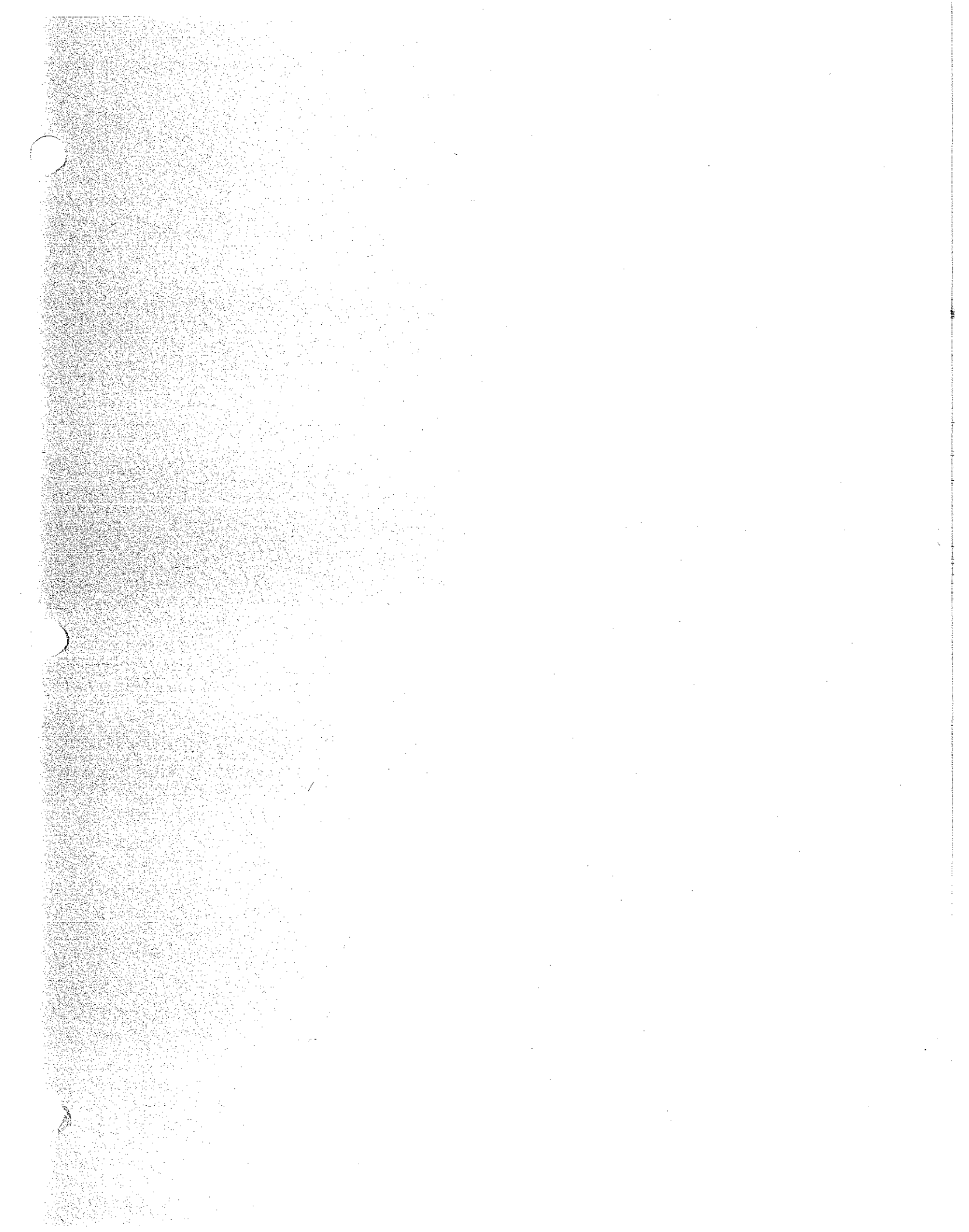
PQL = Practical Quantitation Limit ND = None Detected

Bruce L. Gove
 Laboratory Director

Date Printed: 04/05/00

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Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

May 10, 2000

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Wellman:

Enclosed is the April 2000 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

R W Q C B
REGION 1

MAY 12 2000

<input type="checkbox"/> LAM	<input type="checkbox"/> CRJ	<input type="checkbox"/> FOR
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> SAW	<input type="checkbox"/> KAD
<input type="checkbox"/> LMF	<input checked="" type="checkbox"/> DSE	<input checked="" type="checkbox"/> CEW

LS / ACW

(AL) 9/15/2000

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF APRIL 2000

R W Q C B
REGION 1

MAY 12 2000

LAM _____ CRJ _____ FCR _____
 RLT _____ SAW _____ KAD _____
 LMF _____ _____ _____

Monitoring and Reporting Order No. 90-154. Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1	30	.00 Inches
2 - 8	120 Yds.	.01
9 - 15	120	.50
16 - 22	170	2.22
23 - 30	300	.25
	<hr/> 740 Yds	<hr/> 2.98 Inches

The total number of treated acres to date = 160.00 acres

Water Monitoring and Testing

No water samples were required for the month.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 4/3, 4/14, and 4/22.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

**R W Q C B
REGION 1**

MAY 12 2000

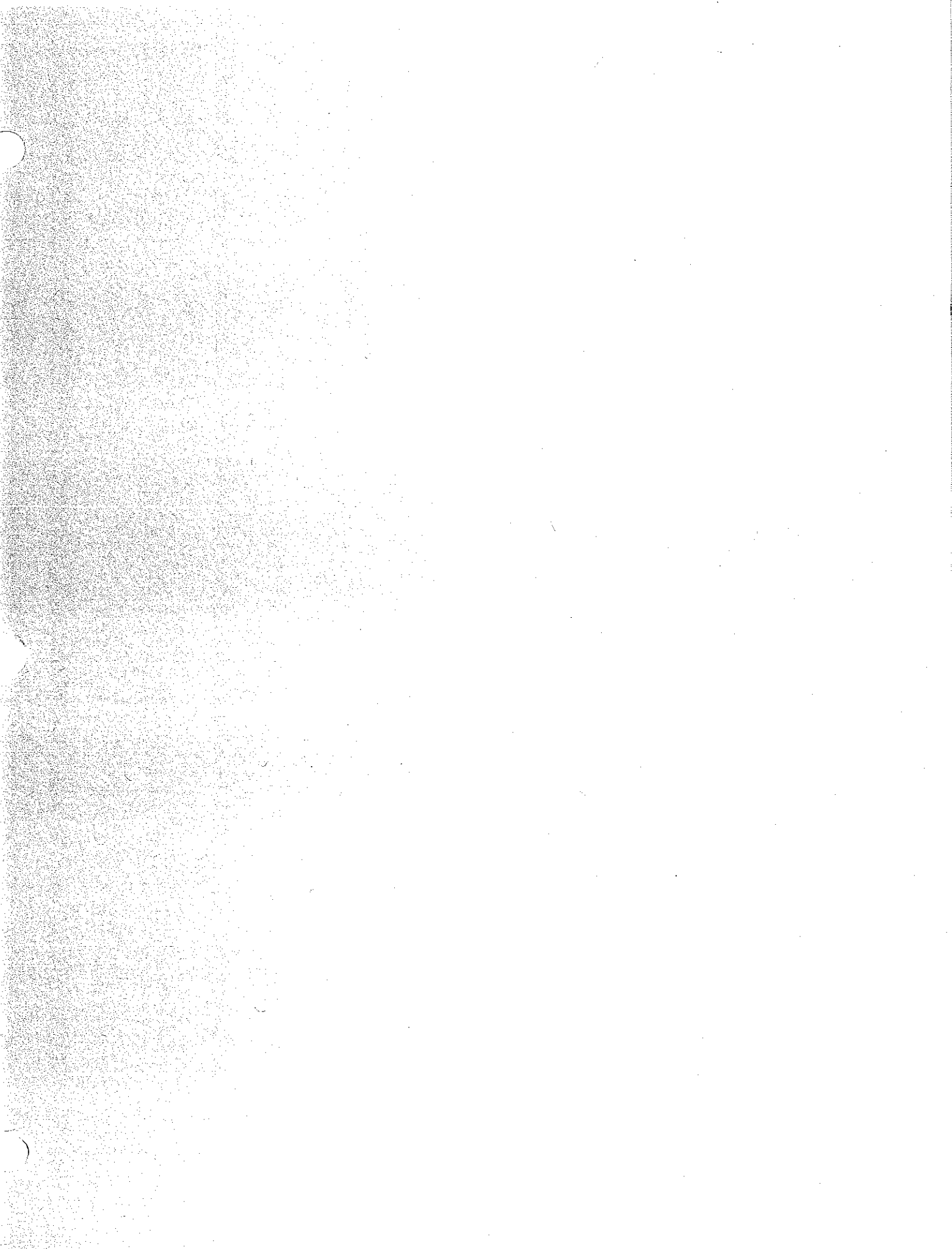
LAM _____ CRJ _____ FCR _____
 RLK _____ SAW _____ KAD _____
 LMF _____ _____ _____

Rainfall for the Month of April 2000

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.01
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.00
11.	.00
12.	.15
13.	.17
14.	.05
15.	.13
16.	.91
17.	1.21
18.	.00
19.	.00
20.	.00
21.	.00
22.	.01
23.	.00
24.	.00
25.	.05
26.	.00
27.	.02
28.	.00
29.	.00
30.	.00
31.	.00

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Ronald G. Holen
Operations Manager



6-096 x 015



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

June 13, 2000

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

R W Q C B
REGION 1

JUN 14 2000

LAM _____ CRJ _____ FCR _____
 RLT _____ SAW _____ KAD _____
 LMF _____ _____ _____

Dear Mr. Wellman:

DB → ALW
(AL) 9/15/2000

Enclosed is the May 2000 Monitoring Report for Georgia-Pacific West, Inc at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF MAY 2000

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 6	240	.31 Inches
7 - 13	270 Yds.	1.18
14 - 20	180	1.04
21 - 27	210	.00
28 - 31	0	.06
	<hr/> 900 Yds	<hr/> 2.59 Inches

The total number of treated acres to date = 160.00 acres

Water Monitoring and Testing

No water samples were required for the month.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 5/2, 5/14, and 5/29.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

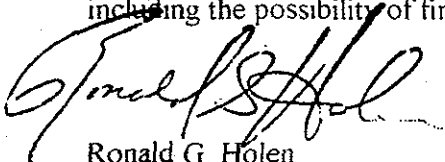
Fort Bragg, CA 95437

(707) 964-5651

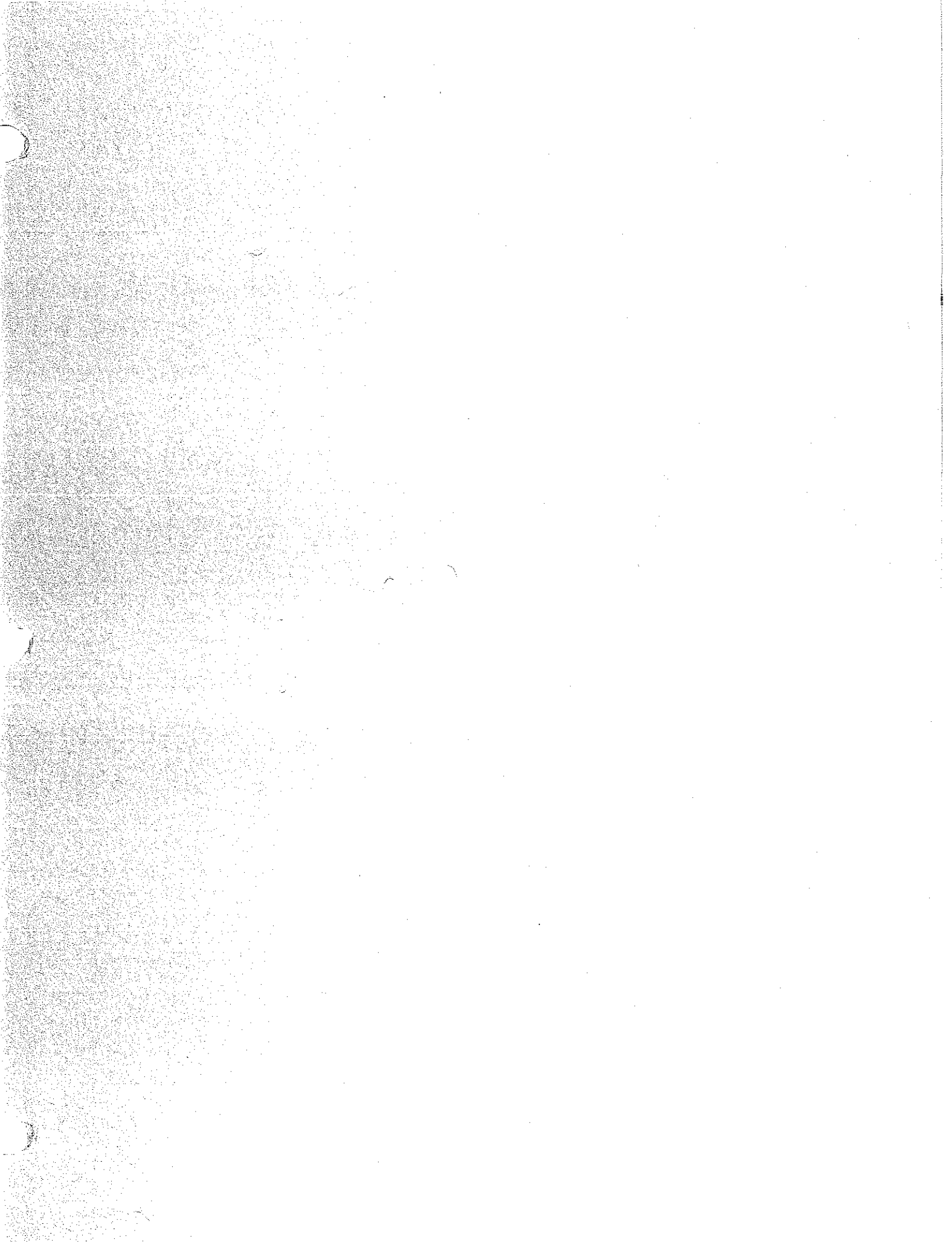
Rainfall for the Month of May 2000

<u>DAY</u>	<u>RAINFALL</u>
1	.00
2	.26
3	.02
4	.00
5	.00
6	.03
7	.03
8	.74
9	.08
10	.30
11	.03
12	.00
13	.00
14	.12
15	.16
16	.76
17	.00
18	.00
19	.00
20	.00
21	.00
22	.00
23	.00
24	.00
25	.00
26	.00
27	.00
28	.06
29	.00
30	.00
31	.00

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Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

July 13, 2000

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

JUL 14 2000

<input type="checkbox"/> LAM	<input type="checkbox"/> CRJ	<input type="checkbox"/> FCR
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> SAW	<input type="checkbox"/> KAD
<input type="checkbox"/> LMF	<input checked="" type="checkbox"/> JWW	<input type="checkbox"/>

Dear Mr. Wellman:

Enclosed is the June 2000 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

DE → ACW 7-20-00 LW
76-092
(AL) 9/15/2000

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC MCGUIRE RANCH REPORT

MONTH OF JUNE 2000

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 3	210	.00 Inches
4 - 10	810 Yds.	.41
11 - 17	210	.00
18 - 24	120	.00
25 - 30	120	.00
	<hr/> 1470 Yds	<hr/> .41 Inches

The total number of treated acres to date = 160.00 acres

Water Monitoring and Testing

No water samples were required for the month.

Deposition

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 6/4/00 and 6/20/00.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

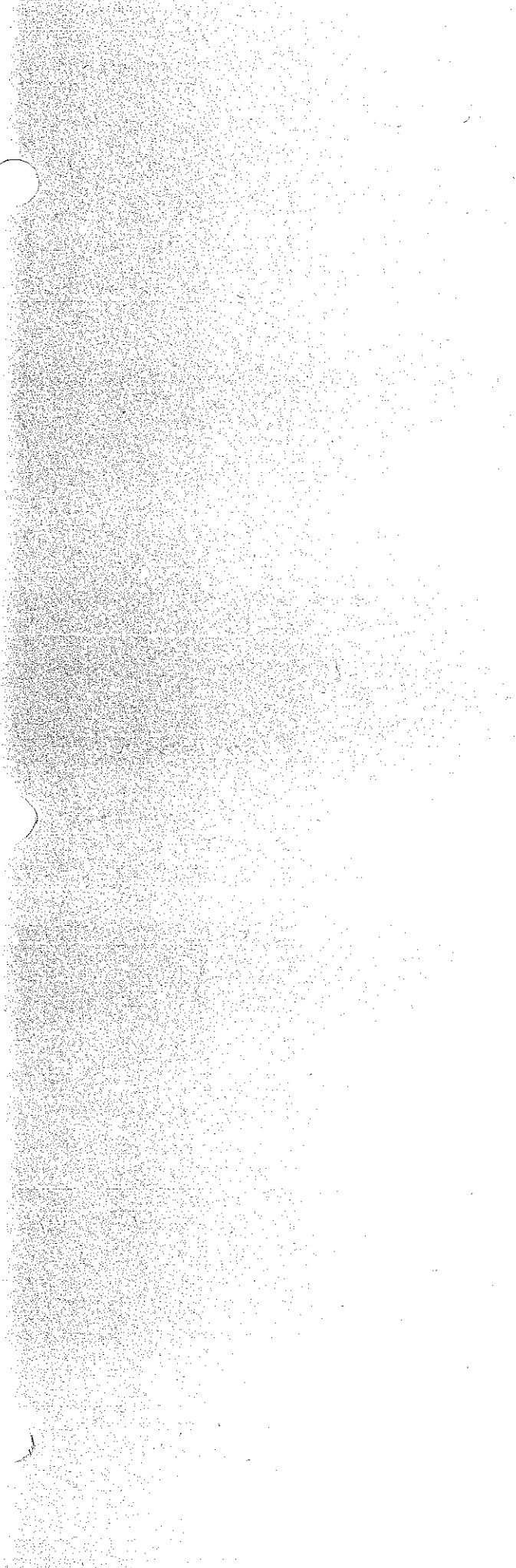
(707) 964-5651

Rainfall for the Month of May 2000

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.10
8.	.27
9.	.00
10.	.04
11.	.00
12.	.00
13.	.00
14.	.00
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.00
26.	.00
27.	.00
28.	.00
29.	.00
30.	.00
31.	.00

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

August 15, 2000

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

AUG. 17 2000

<input type="checkbox"/> LAM	<input type="checkbox"/> CRJ	<input type="checkbox"/> FCR
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> SAW	<input type="checkbox"/> KAD
<input type="checkbox"/> LMF	<input checked="" type="checkbox"/> ALW	<input type="checkbox"/>

DE → ALWB-18-0044

Dear Mr. Wellman:

Enclosed is the July 2000 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

(AL) 9/15/2000 96-096

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc. R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JULY 2000

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1	30	00 Inches
2 - 8	60 Yds.	.03
9 - 15	300	.03
16 -22	150	.02
23 -31	240	.00
	<hr/> 780 Yds	<hr/> .08 Inches

The total number of treated acres to date = 160.00 acres

Water Monitoring and Testing

No water samples were required for the month.

Deposition


There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 7/3/00, 7/9/00 and 7/17/00.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of July 2000

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.03</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.01</u>
<u>13.</u>	<u>.02</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.02</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Ronald G. Holen
Operations Manager



92-026
91-126



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

September 15, 2000

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Wellman:

Enclosed is the August 2000 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

RWQCB
REGION 1
SEP 19 2000
 LAM
 RLT
 LMF
 CRJ
 SAW
 LRT
 FCR
 KAD
(AL) 10/30/00
DE → ALW 9-22-00

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF AUGUST 2000

Monitoring and Reporting Order No. 90-154. Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 5	60	.00 Inches
6 - 12	60 Yds.	.00
13 - 19	60	.00
20 - 26	60	.00
27 - 31	60	.03
	<hr/> 300 Yds	<hr/> .03 Inches

The total number of treated acres to date = 165.00 acres.

The amending project for 2000 is completed. 5 acres were amended during the month of August.

Water Monitoring and Testing

No water samples were required for the month.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 8/2/00, 8/6/00 and 8/29/00.

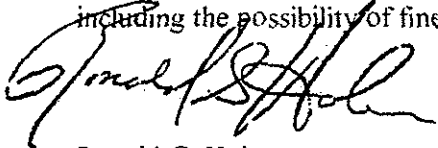
GEORGIA-PACIFIC WEST, INC.
 90 W. Redwood Avenue
 Fort Bragg, CA 95437
 (707) 964-5651

RWQCB
 REGION 1
 SEP 19 2000
 LAM
 RET
 UAF
 CRJ
 SW
 FER
 MAD

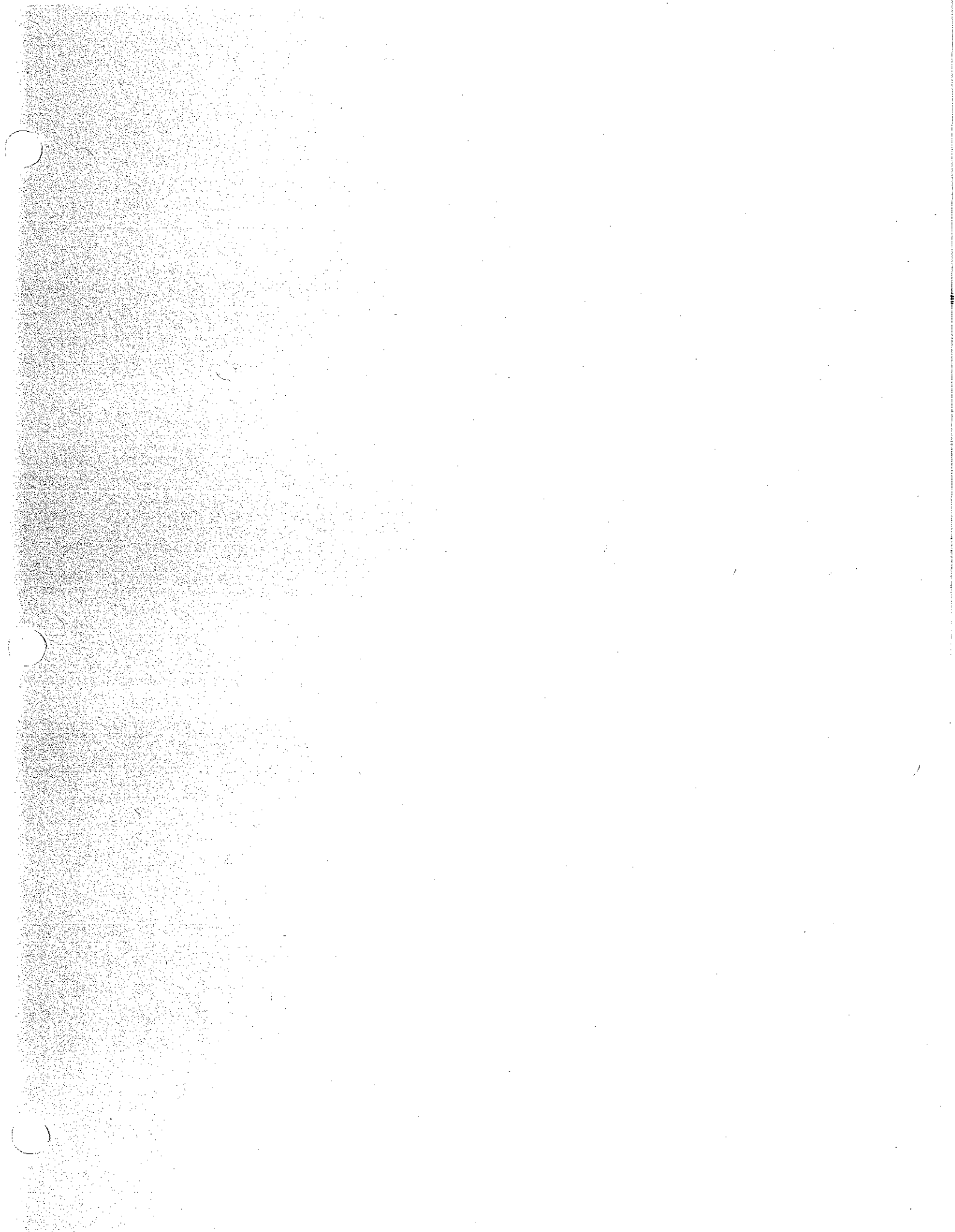
Rainfall for the Month of August 2000

DAY	RAINFALL
1	.00
2	.00
3	.00
4	.00
5	.00
6	.00
7	.00
8	.00
9	.00
10	.00
11	.00
12	.00
13	.00
14	.00
15	.00
16	.00
17	.00
18	.00
19	.00
20	.00
21	.00
22	.00
23	.00
24	.00
25	.00
26	.00
27	.00
28	.00
29	.02
30	.00
31	.01

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

October 13, 2000

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Wellman:

Enclosed is the September 2000 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26

96-096
RWQCB
REGION 1
OCT. 17 2000
AL 10/30/00
DE → ALW
 LAM
 BLT
 UMF
 CRJ
 SAW
 FGR
 KAD
10-1800cc

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc. R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF SEPTEMBER 2000

Monitoring and Reporting Order No. 90-154. Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 2	00	.37 Inches
3 - 9	160 Yds.	00
10 - 16	40	02
17 - 23	60	06
24 - 30	140	00
	<hr/> 400 Yds	<hr/> .45 Inches

The total number of treated acres to date = 165.00 acres

There was no amending during the month of September.

Water Monitoring and Testing

No water samples were required for the month

Deposition

There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 9/4/00, 9/11/00, 9/24/00 and 9/30/00.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

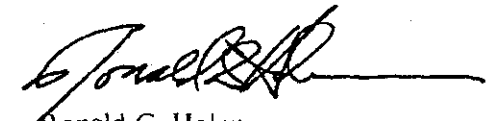
Fort Bragg, CA 95437

(707) 964-5651

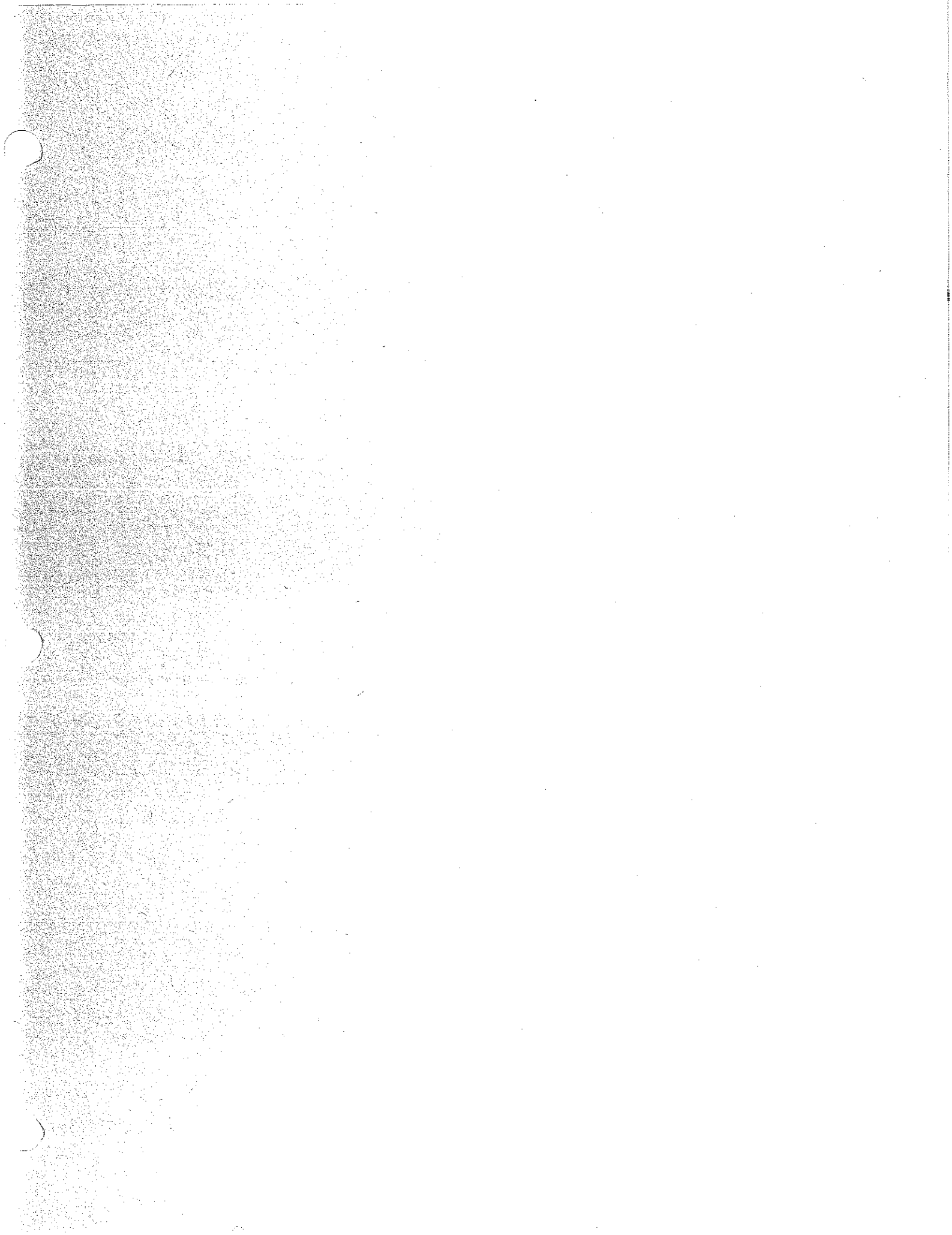
Rainfall for the Month of September 2000

<u>DAY</u>	<u>RAINFALL</u>
1	.09
2	.28
3	.00
4	.00
5	.00
6	.00
7	.00
8	.00
9	.00
10	.00
11	.00
12	.00
13	.02
14	.00
15	.00
16	.00
17	.00
18	.00
19	.00
20	.00
21	.04
22	.02
23	.00
24	.00
25	.00
26	.00
27	.00
28	.00
29	.00
30	.00
31	.00

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Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

November 15, 2000

Mr. Al Wellman
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

96-096

RWQCB
REGION 1

NOV 17 2000

<input type="checkbox"/> LAM	<input type="checkbox"/> CRJ	<input type="checkbox"/> FCR
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> SAW	<input type="checkbox"/> KAD
<input type="checkbox"/> LMF	<input type="checkbox"/>	<input type="checkbox"/>

JLS ✓ CR ✓ 11-10-00 LK

Dear Mr. Wellman:

Enclosed is the October 2000 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF OCTOBER 2000

Monitoring and Reporting Order No. 90-154. Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 7	180	.02 Inches
8 - 14	210 Yds.	.00
15 - 21	210	.57
22 - 28	240	2.12
29 - 31	120	1.77
	<hr/> 960 Yds	<hr/> 4.48 Inches

The total number of treated acres to date = 165.00 acres

There was no amending during the month of October.

Water Monitoring and Testing

No water samples were required for the month.

Deposition

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 10/12 and 10/21.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

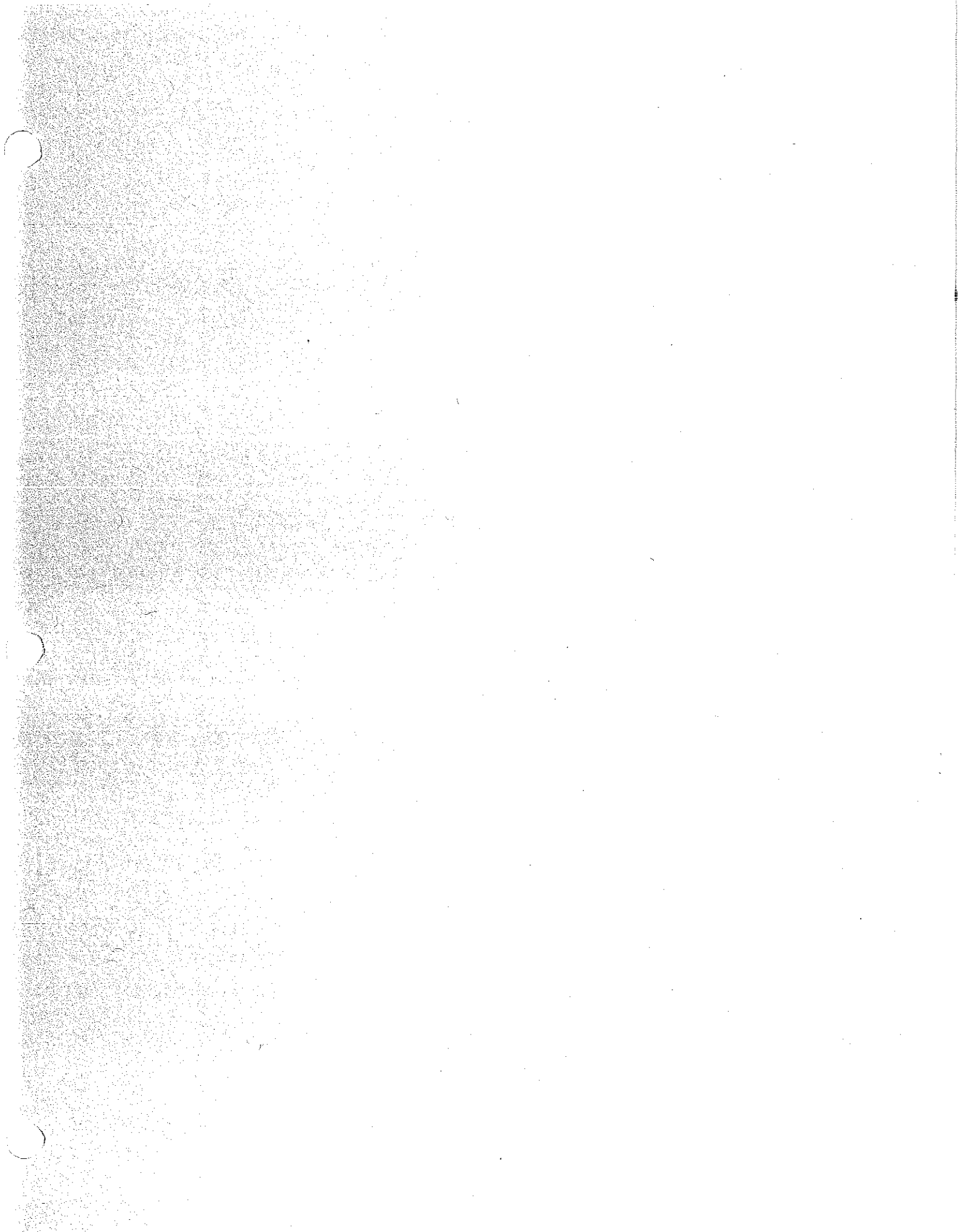
Rainfall for the Month of October 2000

<u>DAY</u>	<u>RAINFALL</u>
<u>1</u>	<u>.00</u>
<u>2</u>	<u>.00</u>
<u>3</u>	<u>.00</u>
<u>4</u>	<u>.00</u>
<u>5</u>	<u>.00</u>
<u>6</u>	<u>.01</u>
<u>7</u>	<u>.01</u>
<u>8</u>	<u>.00</u>
<u>9</u>	<u>.00</u>
<u>10</u>	<u>.00</u>
<u>11</u>	<u>.00</u>
<u>12</u>	<u>.00</u>
<u>13</u>	<u>.00</u>
<u>14</u>	<u>.00</u>
<u>15</u>	<u>.00</u>
<u>16</u>	<u>.00</u>
<u>17</u>	<u>.00</u>
<u>18</u>	<u>.00</u>
<u>19</u>	<u>.04</u>
<u>20</u>	<u>.49</u>
<u>21</u>	<u>.04</u>
<u>22</u>	<u>.00</u>
<u>23</u>	<u>.00</u>
<u>24</u>	<u>.00</u>
<u>25</u>	<u>.59</u>
<u>26</u>	<u>.39</u>
<u>27</u>	<u>.00</u>
<u>28</u>	<u>1.14</u>
<u>29</u>	<u>.40</u>
<u>30</u>	<u>1.35</u>
<u>31</u>	<u>.02</u>

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Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

December 12, 2000

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Reed:

RWQCB
REGION 1

DEC 14 2000

<input type="checkbox"/> LAM	<input type="checkbox"/> CRJ	<input type="checkbox"/> FCR
<input checked="" type="checkbox"/> RL7	<input type="checkbox"/> SAW	<input type="checkbox"/> KAD
<input type="checkbox"/> LMF	<input type="checkbox"/>	<input type="checkbox"/>

Handwritten initials: CR, JS, W, and a date stamp 12-18-00.

Enclosed is the November 2000 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26) 46-096

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF NOVEMBER 2000

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 4	150	.00 Inches
5 - 11	360 Yds.	.13
12 -18	180	.49
19 -25	120	.62
26 -30	60	.92
	<hr/> 870 Yds	<hr/> 2.16 Inches

The total number of treated acres to date = 165.00 acres

There was no amending during the month of November.

Water Monitoring and Testing

No water samples were required for the month.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 11/3, 11/11 and 11/20.

YEAR 2000

NOVEMBER

RAINFALL

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0.11
9	0.02
10	0
11	0
12	0
13	0.27
14	0.14
15	0.08
16	0
17	0
18	0
19	0
20	0
21	0.35
22	0
23	0.08
24	0.19
25	0
26	0
27	0.15
28	0.05
29	0.46
30	0.26

SeasonTotal

TOTAL 2.17

7.51"

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of November 2000

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.11
9.	.02
10.	.00
11.	.00
12.	.00
13.	.27
14.	.14
15.	.08
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.35
22.	.00
23.	.08
24.	.19
25.	.00
26.	.00
27.	.15
28.	.05
29.	.46
30.	.26
31.	.02

Fly Ash Hauled Off Site

Month NOVEMBER

Driver	Yds.	Location
1. Esquivel	30	Bald Hill
2. Esquivel	60	" "
3. Esquivel	30	" "
4. Huber	30 yds	Bald Hill
5. Esquivel	60	" "
6. Esquivel	60 yds	" "
7. Esquivel	60 yds	" "
8. Esquivel	60 yds	" "
9. Esquivel	60 yds	" "
10. Huber	30 yds	Bald Hill
11. Huber	30 yds	Bald Hill
12. Esquivel	30	" "
13. Esquivel	30	Bald Hill / Pad ESTN
14. Esquivel	30	BAIDHILL
15. Esquivel	30	BAIDHILL
16. Esquivel	30	BAIDHILL
17. Huber	0	
18. Esquivel	30	BAIDHILL
19. Esquivel	30	
20. Esquivel	30	BAIDHILL
21. Esquivel	30	BAIDHILL
22. Huber	30	Bald Hill
23. Huber	0	
24. Huber	0	
25. Huber	30 yds	Bald Hill
26. Huber	0 yds	
27. Huber	0	
28. Huber	30 yds	Bald Hill
29. Huber	0	
30. Huber	30 yds	Bald Hill
31. Huber	0	

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Ronald G. Hofen
Operations Manager

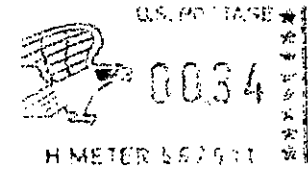
Georgia-Pacific



Georgia-Pacific West, Inc.

A wholly owned subsidiary

90 W. Redwood Avenue
Fort Bragg, California 95437-3471



Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, Ca. 95403

95403-1072 64





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471

Telephone (707) 964-5651

RWQCB
REGION 1

JAN 17 2001

January 15, 2001
Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

96-096

<input type="checkbox"/> LAM	<input type="checkbox"/> CR.I	<input type="checkbox"/>
<input checked="" type="checkbox"/> RL.T	<input type="checkbox"/> S.W.M.	<input type="checkbox"/>
<input type="checkbox"/> F.C.R.	<input type="checkbox"/> R.S.G.	<input type="checkbox"/>

1/17/01 1-1901CW

Dear Mr. Reed:

Enclosed is the December 2000 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF DECEMBER 2000

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1 - 2	90	.00 Inches
3 - 9	210 Yds.	00
10 - 16	180	1.80
17 - 23	180	.68
24 - 30	210	.04
31	<u>60</u>	<u>.00</u>
	930 Yds	2.52 Inches

The total number of treated acres to date = 165.00 acres

There was no amending during the month of December.

Water Monitoring and Testing

No water samples were taken during the month as there was no flow.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 12/3, 12/12 and 12/27.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

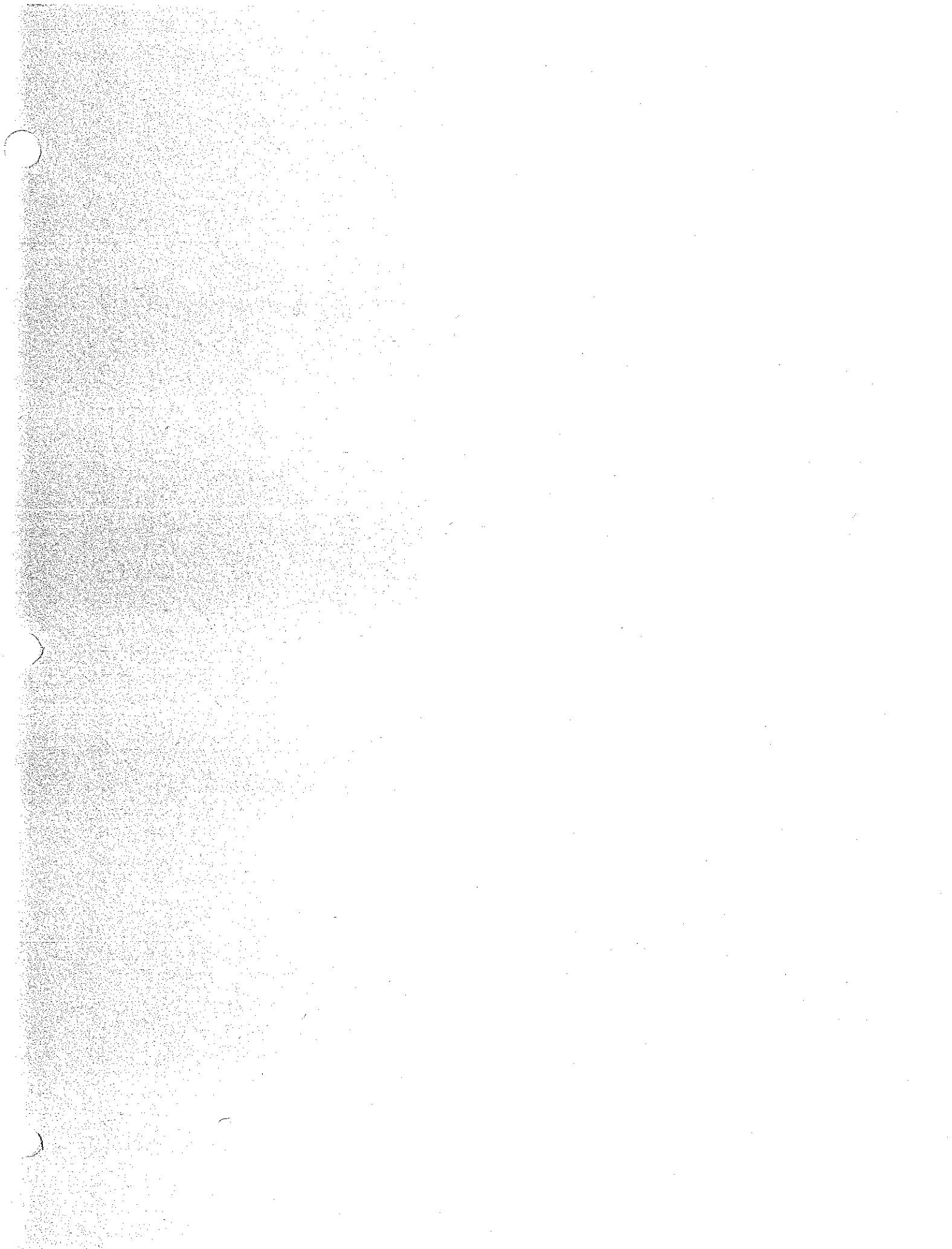
(707) 964-5651

Rainfall for the Month of December 2000

<u>DAY</u>	<u>RAINFALL</u>
<u>1</u>	<u>.00</u>
<u>2</u>	<u>.00</u>
<u>3</u>	<u>.00</u>
<u>4</u>	<u>.00</u>
<u>5</u>	<u>.00</u>
<u>6</u>	<u>.00</u>
<u>7</u>	<u>.00</u>
<u>8</u>	<u>.00</u>
<u>9</u>	<u>.00</u>
<u>10</u>	<u>.00</u>
<u>11</u>	<u>.54</u>
<u>12</u>	<u>.04</u>
<u>13</u>	<u>.18</u>
<u>14</u>	<u>.73</u>
<u>15</u>	<u>.31</u>
<u>16</u>	<u>.00</u>
<u>17</u>	<u>.05</u>
<u>18</u>	<u>.00</u>
<u>19</u>	<u>.00</u>
<u>20</u>	<u>.00</u>
<u>21</u>	<u>.19</u>
<u>22</u>	<u>.29</u>
<u>23</u>	<u>.15</u>
<u>24</u>	<u>.04</u>
<u>25</u>	<u>.00</u>
<u>26</u>	<u>.00</u>
<u>27</u>	<u>.00</u>
<u>28</u>	<u>.00</u>
<u>29</u>	<u>.00</u>
<u>30</u>	<u>.00</u>
<u>31</u>	<u>.00</u>

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Ronald G. Hoen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

February 13, 2001

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

FEB 16 2001

96-096

<input type="checkbox"/> LAM	<input type="checkbox"/> CRJ	<input checked="" type="checkbox"/> KAD
<input type="checkbox"/> RLT	<input type="checkbox"/> SAW	<input type="checkbox"/> KAD
<input type="checkbox"/> FCR	<input type="checkbox"/> RSG	<input checked="" type="checkbox"/> <i>CDL</i>

LW

2-23-01 LW

Dear Mr. Reed:

Enclosed is the January 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JANUARY 2001

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 6	150	.00 Inches
7 -13	360 Yds.	2.14
14 -20	270	.02
21 -27	150	2.36
28 -31	60	.30
	<hr/> 990 Yds	<hr/> 4.82 Inches

The total number of treated acres to date = 165.00 acres

There was no amending during the month of January.

Water Monitoring and Testing

No water samples were taken during the month.

Deposition

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 1/5 and 1/18.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of January 2001

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.77
9.	.48
10.	.74
11.	.11
12.	.00
13.	.04
14.	.02
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.51
24.	.39
25.	.70
26.	.76
27.	.00
28.	.00
29.	.30
30.	.00
31.	.00

Location	N. Pond			
Date		11-Jan	18-Jan	25-Jan
PH		7.6	7.5	7.5
COD		n/a	n/a	n/a

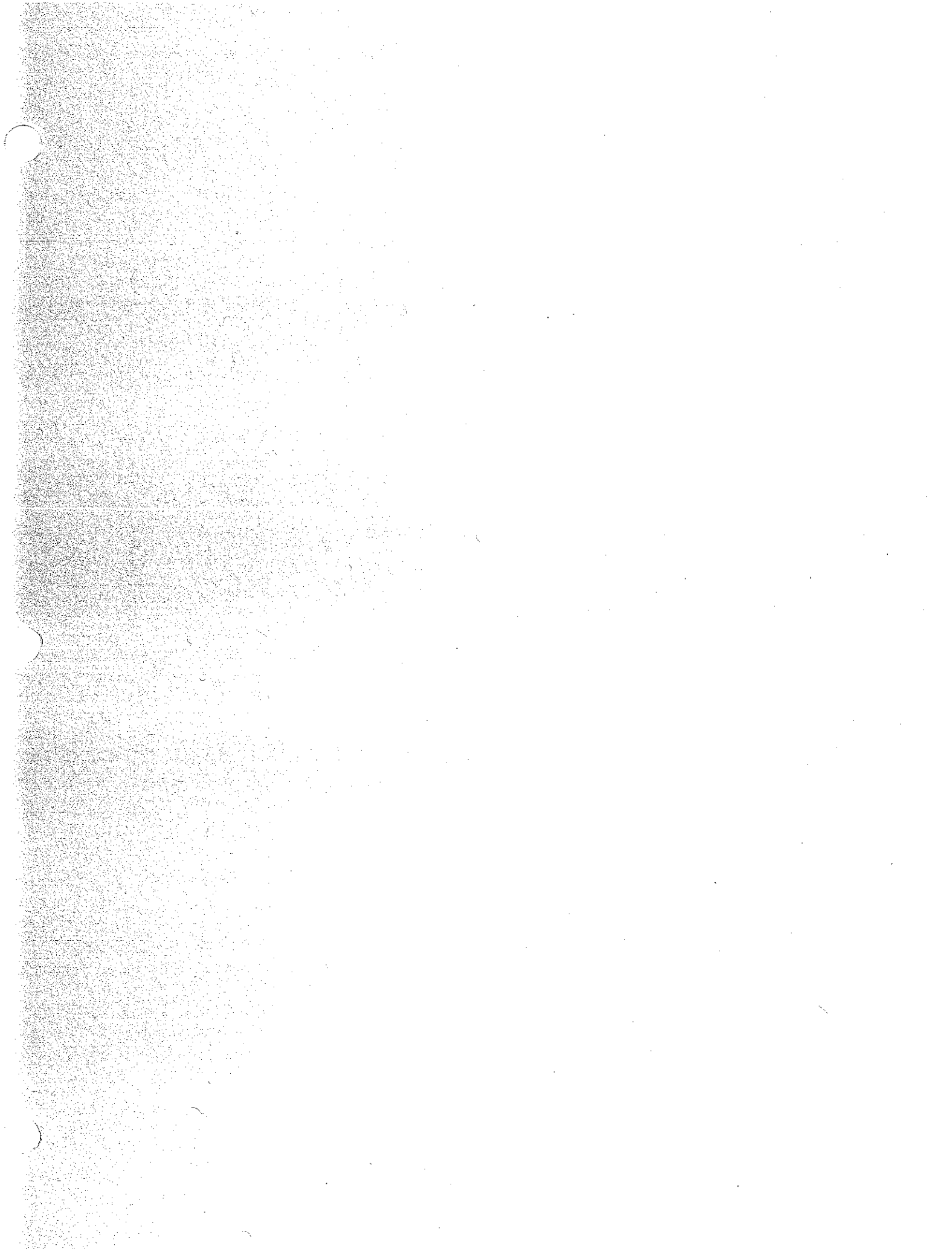
Location	S.Pond			
Date		11-Jan	18-Jan	25-Jan
PH		7.6	7.5	7.6
COD		n/a	n/a	n/a

Location	N.Road			
Date		11-Jan	18-Jan	25-Jan
PH		7.5	7.4	7.6
COD		n/a	n/a	n/a

Location	S.Road			
Date		11-Jan	18-Jan	25-Jan
PH		7.4	7.5	7.4
COD		n/a	n/a	n/a

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

March 14, 2001

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

96-096

R W Q C B
REGION 1

MAR 15 2001

<input type="checkbox"/> LAM	<input type="checkbox"/> CRJ	<input checked="" type="checkbox"/> C.R.
<input type="checkbox"/> RLT	<input type="checkbox"/> SAW	<input type="checkbox"/> KAD
<input type="checkbox"/> FCR	<input type="checkbox"/> RSG	<input checked="" type="checkbox"/> R

JD
CR

3-19-01 CW

Dear Mr. Reed:

Enclosed is the February 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF FEBRUARY 2001

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
.1 - 3	90	.00 Inches
4 - 10	240 Yds.	1.27
11 - 17	360	2.13
18 - 24	180	4.59
25 - 28	120	1.34
	<hr/> 990 Yds	<hr/> 9.33 Inches

The total number of treated acres to date = 165.00 acres

There was no amending during the month of February.

Water Monitoring and Testing

Water samples were taken during the month.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 2/10, 2/16 and 2/22.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of February 2001

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.99
10.	.28
11.	1.19
12.	.07
13.	.00
14.	.00
15.	.00
16.	.08
17.	.79
18.	.35
19.	.55
20.	2.07
21.	.24
22.	1.02
23.	.02
24.	.34
25.	1.15
26.	.19
27.	.00
28.	.00
29.	.00
30.	.00
31.	.00

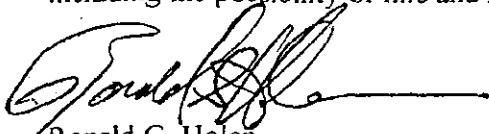
Location	N. Pond			
Date	1-Feb	8-Feb	15-Feb	26-Feb
PH	7.1	7	7.2	7
COD	n/a	n/a	n/a	9.9 mg/l

Location	S.Pond			
Date	1-Feb	8-Feb	15-Feb	26-Feb
PH	7.2	7.1	7.1	7
COD	n/a	n/a	n/a	34 mg/l

Location	N.Road			
Date	1-Feb	8-Feb	15-Feb	26-Feb
PH	7.4	7.3	7.2	7.3
COD	n/a	n/a	n/a	12 mg/l

Location	S.Road			
Date	1-Feb	8-Feb	15-Feb	26-Feb
PH	7.3	7.2	7.4	7.2
COD	n/a	n/a	n/a	22 mg/l

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Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

April 13, 2001

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

APR 17 2001

<input type="checkbox"/> LAM	<input type="checkbox"/> CR	<input checked="" type="checkbox"/> KAD
<input type="checkbox"/> RLT	<input type="checkbox"/> SAW	<input type="checkbox"/>
<input type="checkbox"/> FOR	<input type="checkbox"/> RSG	<input type="checkbox"/>

JLS
ER *4-20-01*

Dear Mr. Reed:

Enclosed is the March 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC MCGUIRE RANCH REPORT

MONTH OF MARCH 2001

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1 - 3	60	.23 Inches
4 - 10	330 Yds.	2.50
11 - 17	270	.02
18 - 24	240	1.20
25 - 31	240	.16
	<hr/> 1140 Yds	<hr/> 4.11 Inches

The total number of treated acres to date = 165.00 acres

There was no amending during the month of March.

Water Monitoring and Testing

Water samples were taken during the month.

Deposition

There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 3/12, 3/18, 3/20 and 3/29.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of March 2001

<u>DAY</u>	<u>RAINFALL</u>
1.	.02
2.	.21
3.	.00
4.	1.96
5.	.51
6.	.02
7.	.01
8.	.00
9.	.00
10.	.00
11.	.00
12.	.00
13.	.00
14.	.00
15.	.00
16.	.01
17.	.01
18.	.00
19.	.00
20.	.00
21.	.00
22.	.03
23.	.00
24.	1.17
25.	.00
26.	.00
27.	.00
28.	.12
29.	.04
30.	.00
31.	.00

Location	N. Pond			
Date	8-Mar	15-Mar	22-Mar	29-Mar
PH	7.1	7.2	7.2	7.1
COD	n/a	n/a	n/a	23 mg/l

Location	S.Pond			
Date	8-Mar	15-Mar	22-Mar	29-Mar
PH	7.2	7	7.1	7
COD	n/a	n/a	n/a	42 mg/l

Location	N.Road			
Date	8-Mar	15-Mar	22-Mar	29-Mar
PH	7.2	7.3	7.1	7.2
COD	n/a	n/a	n/a	19 mg/l

Location	S.Road			
Date	8-Mar	15-Mar	22-Mar	29-Mar
PH	7.3	7.1	7.4	7.3
COD	n/a	n/a	n/a	33 mg/l

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Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

May 11, 2001

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

5-2 of CW

MAY 16 2001

<input type="checkbox"/> LAM	<input type="checkbox"/> CRJ	<input checked="" type="checkbox"/>
<input type="checkbox"/> RLT	<input type="checkbox"/> SAW	<input type="checkbox"/> KAD
<input type="checkbox"/> FCR	<input type="checkbox"/> RSG	<input type="checkbox"/>

LW
JS
CR

Dear Mr. Reed:

Enclosed is the April 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC MCGUIRE RANCH REPORT

MONTH OF APRIL 2001

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 7	00	.17 Inches
8 - 14	210 Yds.	.69
15 - 21	180	1.25
22 - 28	00	.03
29 - 30	60	.00
	<hr/> 450 Yds	<hr/> 2.14 Inches

The total number of treated acres to date = 165.00 acres

There was no amending during the month of April.

Water Monitoring and Testing

Water samples were taken during the month.

Deposition


There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 4/8, 4/10, and 4/29.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of April 2001

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.17
7.	.69
8.	.00
9.	.00
10.	.00
11.	.00
12.	.00
13.	.00
14.	.00
15.	.00
16.	.00
17.	.22
18.	.19
19.	.05
20.	.75
21.	.04
22.	.00
23.	.00
24.	.00
25.	.00
26.	.02
27.	.00
28.	.01
29.	.00
30.	.00
31.	.00

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Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

June 11, 2001

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

~~94-177~~
96-096

RWQCB
REGION 1

JUN 14 2001

JLS
CR

<input type="checkbox"/> LAW	<input type="checkbox"/> OKS	<input checked="" type="checkbox"/>
<input type="checkbox"/> RY	<input type="checkbox"/> SAA	<input type="checkbox"/>
<input type="checkbox"/> PDY	<input type="checkbox"/> RSC	<input type="checkbox"/>

6-1901W

Dear Mr. Reed:

Enclosed is the May 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF MAY 2001

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited</u> <u>North Area</u>	<u>Rainfall</u> <u>Details</u>
1 - 5	180	.00 Inches
6 - 12	180 Yds.	.03
13 - 19	300	.17
20 - 26	480	.03
27 - 31	270	.05
	<hr/> 1140 Yds	<hr/> .28 Inches

The total number of treated acres to date = 165.00 acres

There was no amending during the month of May.

Water Monitoring and Testing

Water samples were taken during the month.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 5/7, 5/14, and 5/20.

GEORGIA-PACIFIC WEST, INC.
 90 W. Redwood Avenue
 Fort Bragg, CA 95437
 (707) 964-5651

Rainfall for the Month of May 2001

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.00
11.	.00
12.	.03
13.	.00
14.	.00
15.	.13
16.	.04
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.00
26.	.03
27.	.05
28.	.00
29.	.00
30.	.00
31.	.00

R W Q C B
REGION 1

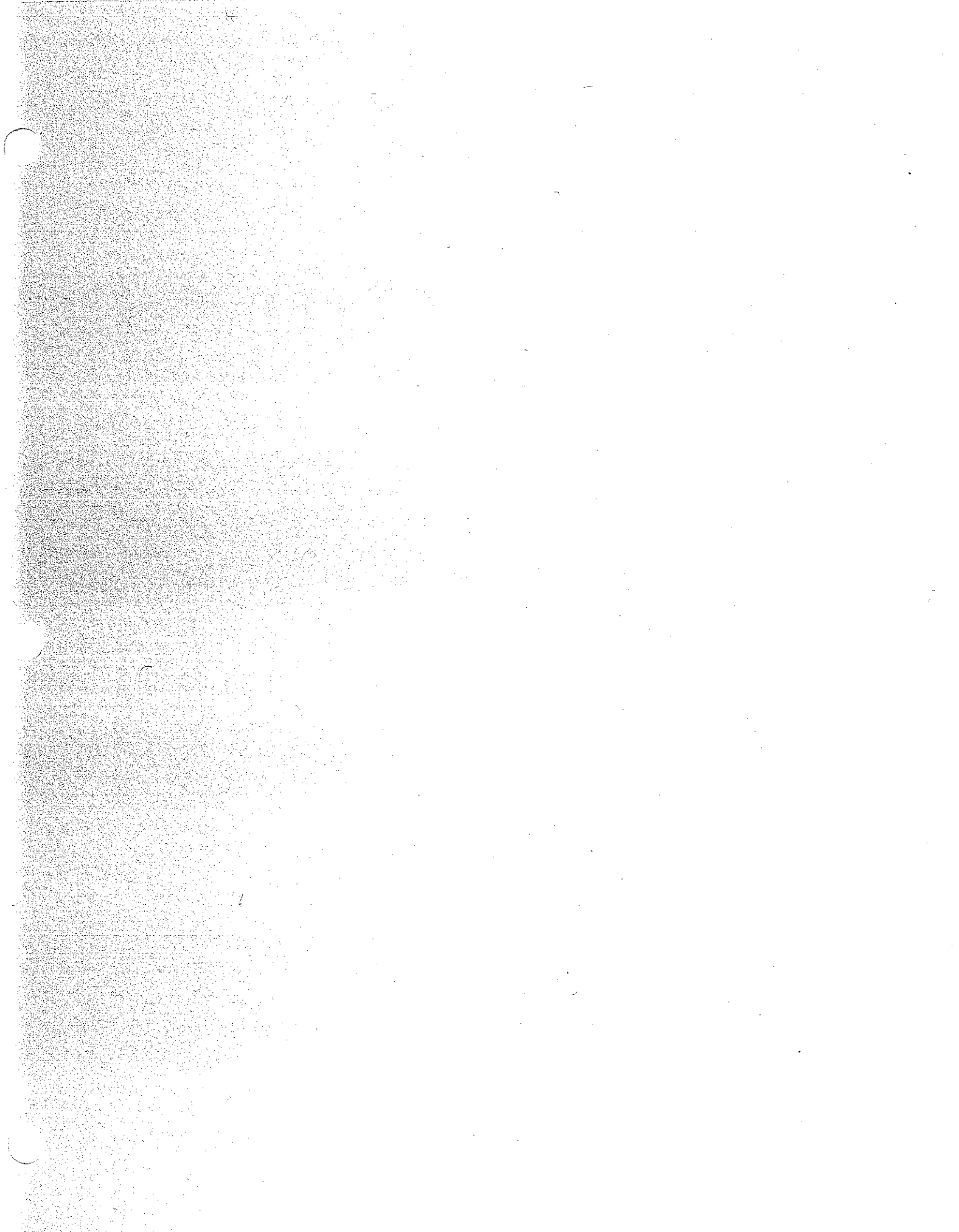
JUN 14 2001

LAM CRJ
 RLT SAW
 FCR KSO

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

July 13, 2001

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

JUL 17 2001

<input type="checkbox"/> LAM	<input type="checkbox"/> GRJ	<input checked="" type="checkbox"/> KAD
<input type="checkbox"/> RLT	<input type="checkbox"/> SAW	<input type="checkbox"/>
<input type="checkbox"/> FCR	<input type="checkbox"/> RSG	<input type="checkbox"/>

Handwritten initials: LW

Handwritten number: 7-19-01ca

Dear Mr. Reed:

Enclosed is the June 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JUNE 2001

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 2	90	.00 Inches
3 - 9	390 Yds.	.00
10 -16	270	.04
17 -23	300	.00
24 -30	270	1.66
	<hr/> 1320 Yds	<hr/> 1.70 Inches

The total number of treated acres to date = 165.00 acres

There was no amending during the month of June.

Water Monitoring and Testing

Water samples were not taken during the month.

Deposition

There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 6/1, 6/11, 6/18, and 6/27.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

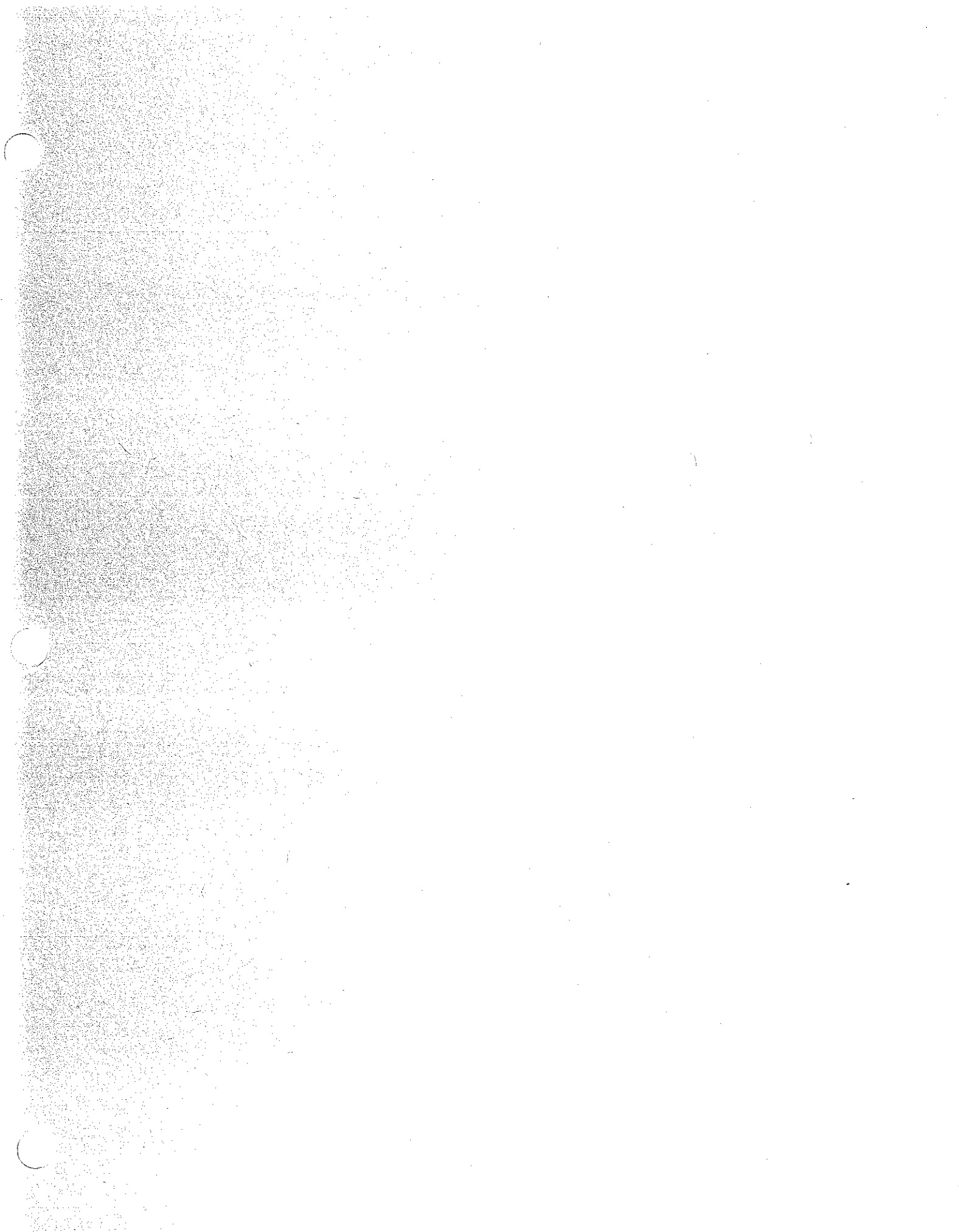
(707) 964-5651

Rainfall for the Month of June 2001

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.00
11.	.02
12.	.02
13.	.00
14.	.00
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.01
26.	.33
27.	1.28
28.	.04
29.	.00
30.	.00
31.	.00

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Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

August 15, 2001

RWQCB
REGION 1

AUG 29 2001

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

<input type="checkbox"/> SAW	<input type="checkbox"/> CRJ	<input type="checkbox"/>
<input type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> FCR	<input type="checkbox"/> RSG	<input checked="" type="checkbox"/> <i>CAJ</i>

8-31-01 LCV
9/17/01 ✓ CER

Dear Mr. Reed:

Enclosed is the July 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California. as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JULY 2001

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 7	270	.00 Inches
8 - 14	300 Yds.	.00
15 - 21	300	.04
22 - 28	390	.00
29 - 31	150	.11
	<hr/> 1410 Yds	<hr/> .11 Inches

The total number of treated acres to date = 165.00 acres

There was no amending during the month of July.

Water Monitoring and Testing

Water samples were not taken during the month.

Deposition


There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 7/5, 7/10, 7/19, and 7/26.

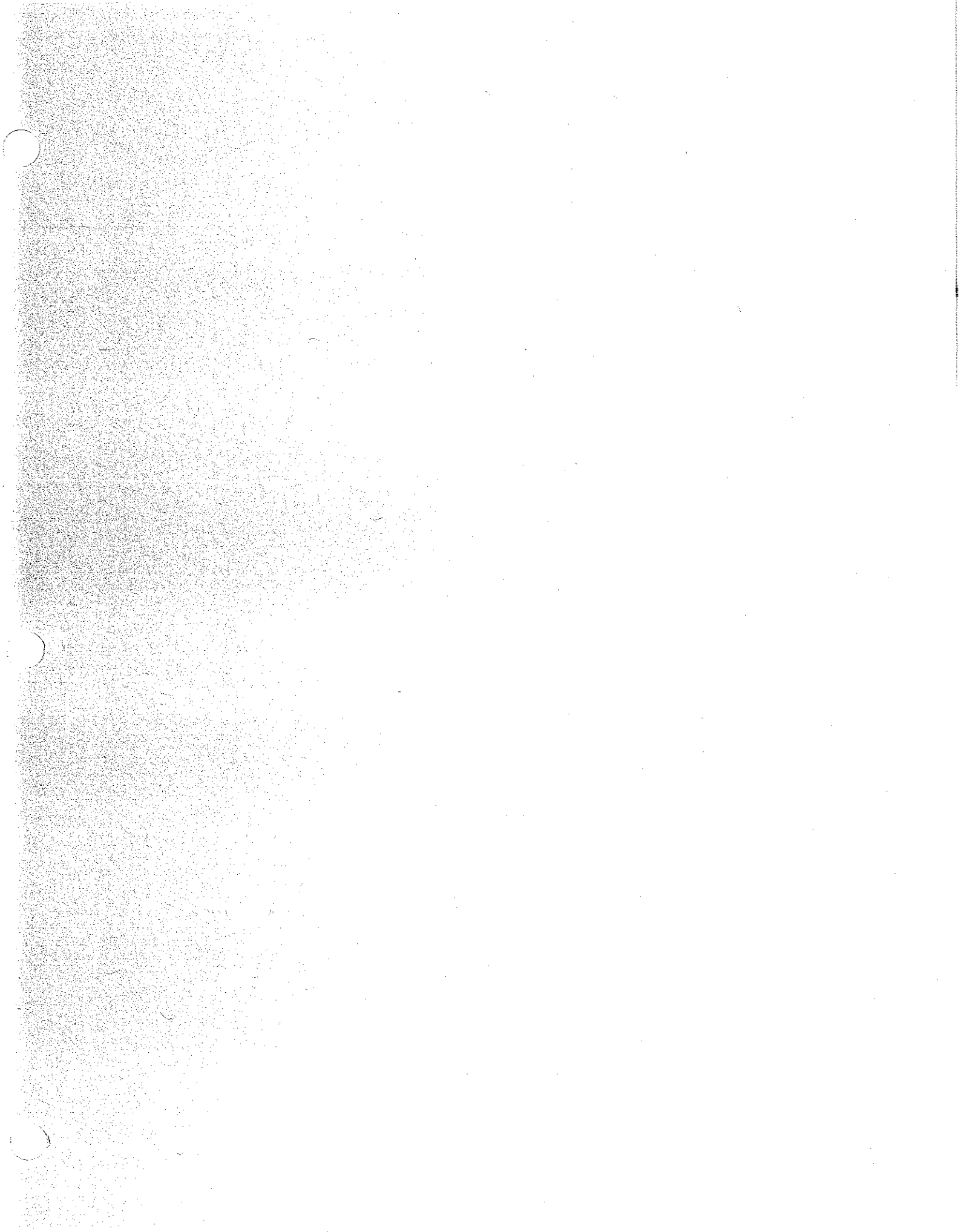
GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA. 95437
(707) 964-5651

Rainfall for the Month of July 2001

<u>DAY</u>	<u>RAINFALL</u>
<u>1</u>	<u>.00</u>
<u>2</u>	<u>.00</u>
<u>3</u>	<u>.00</u>
<u>4</u>	<u>.00</u>
<u>5</u>	<u>.00</u>
<u>6</u>	<u>.00</u>
<u>7</u>	<u>.00</u>
<u>8</u>	<u>.00</u>
<u>9</u>	<u>.00</u>
<u>10</u>	<u>.00</u>
<u>11</u>	<u>.00</u>
<u>12</u>	<u>.00</u>
<u>13</u>	<u>.00</u>
<u>14</u>	<u>.00</u>
<u>15</u>	<u>.00</u>
<u>16</u>	<u>.00</u>
<u>17</u>	<u>.00</u>
<u>18</u>	<u>.00</u>
<u>19</u>	<u>.00</u>
<u>20</u>	<u>.00</u>
<u>21</u>	<u>.00</u>
<u>22</u>	<u>.00</u>
<u>23</u>	<u>.00</u>
<u>24</u>	<u>.00</u>
<u>25</u>	<u>.00</u>
<u>26</u>	<u>.00</u>
<u>27</u>	<u>.00</u>
<u>28</u>	<u>.00</u>
<u>29</u>	<u>.00</u>
<u>30</u>	<u>.11</u>
<u>31</u>	<u>.00</u>

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3477
Telephone (707) 964-5651

September 18, 2001

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Reed

11385030

RWQCB
REGION 1

SEP 19 2001

<input type="checkbox"/> SAW	<input type="checkbox"/> CRJ	<input checked="" type="checkbox"/>
<input type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> FCR	<input type="checkbox"/> RSG	<input type="checkbox"/>

9-21-01 CW

Enclosed is the August 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26

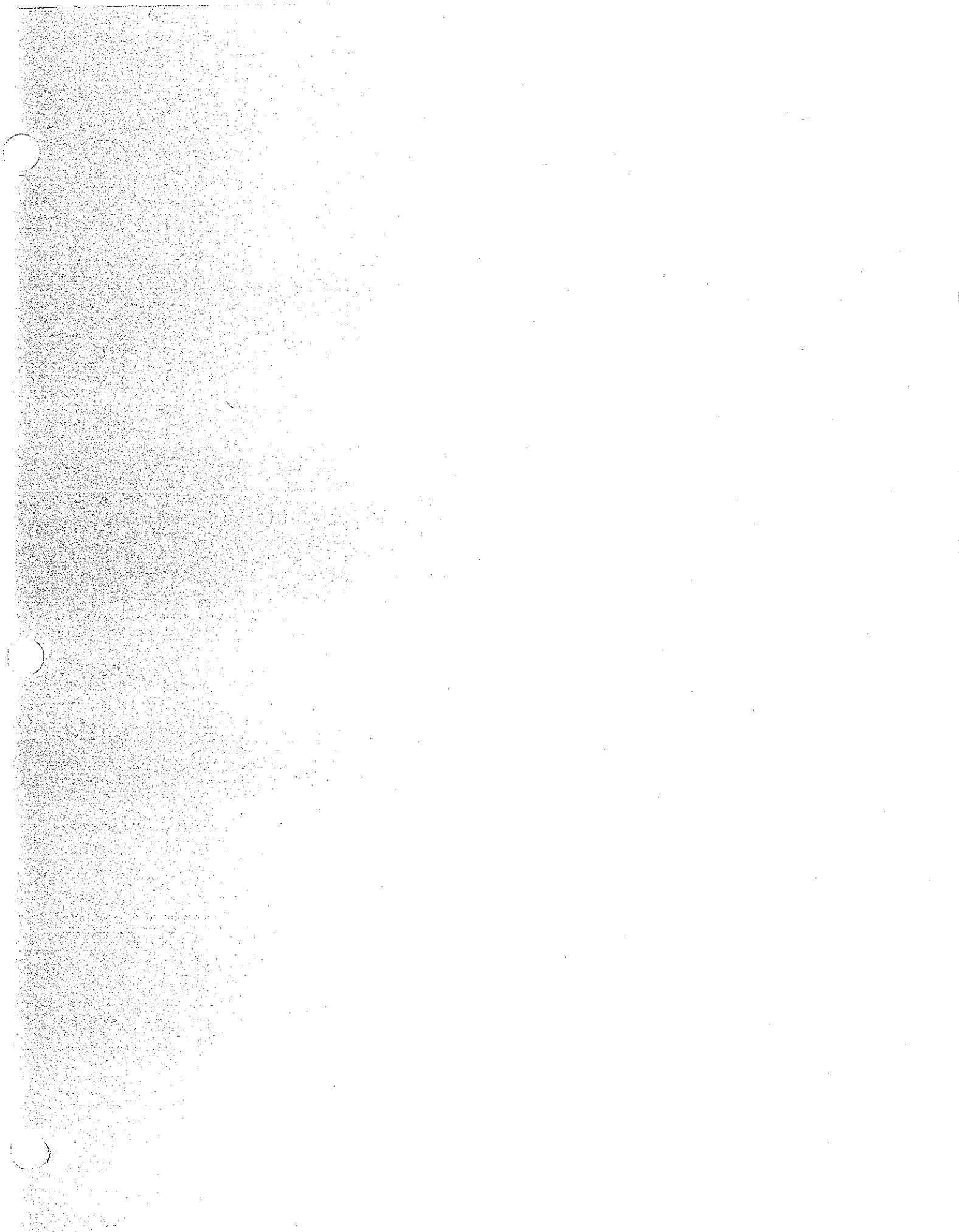
We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

October 16, 2001

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

OCT 18 2001

<input type="checkbox"/> SAW	<input type="checkbox"/> CRJ	<input checked="" type="checkbox"/> JLS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> FCR	<input type="checkbox"/> RSG	<input checked="" type="checkbox"/> Lew

JLS
KAD
Lew

10-19-01 LW

Dear Mr. Reed:

Enclosed is the September 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF SEPTEMBER 2001

RWQCB
REGION 1

OCT 18 2001

SAW _____ CRJ _____ _____
 RLT _____ LGR _____ KAD _____
 FCR _____ RSG _____ _____

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Rainfall</u>	<u>Ash Deposited</u>	<u>Details</u>
<u>Week of</u>	<u>North Area</u>	
1	30	.00 Inches
2 - 8	180 Yds.	.00
9 -15	210	.02
16-22	300	.02
23-29	300	.00
30	0	.00
	<u>1020 Yds</u>	<u>.04 Inches</u>

The total number of treated acres to date = 175.00 acres

There was no amending done during the month.

Water Monitoring and Testing

Water samples were not taken during the month.

Deposition


There has been 50 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 9/3, 9/9, 9/16, 9/23 and 9/30/01. Each load was 10 cubic yards.

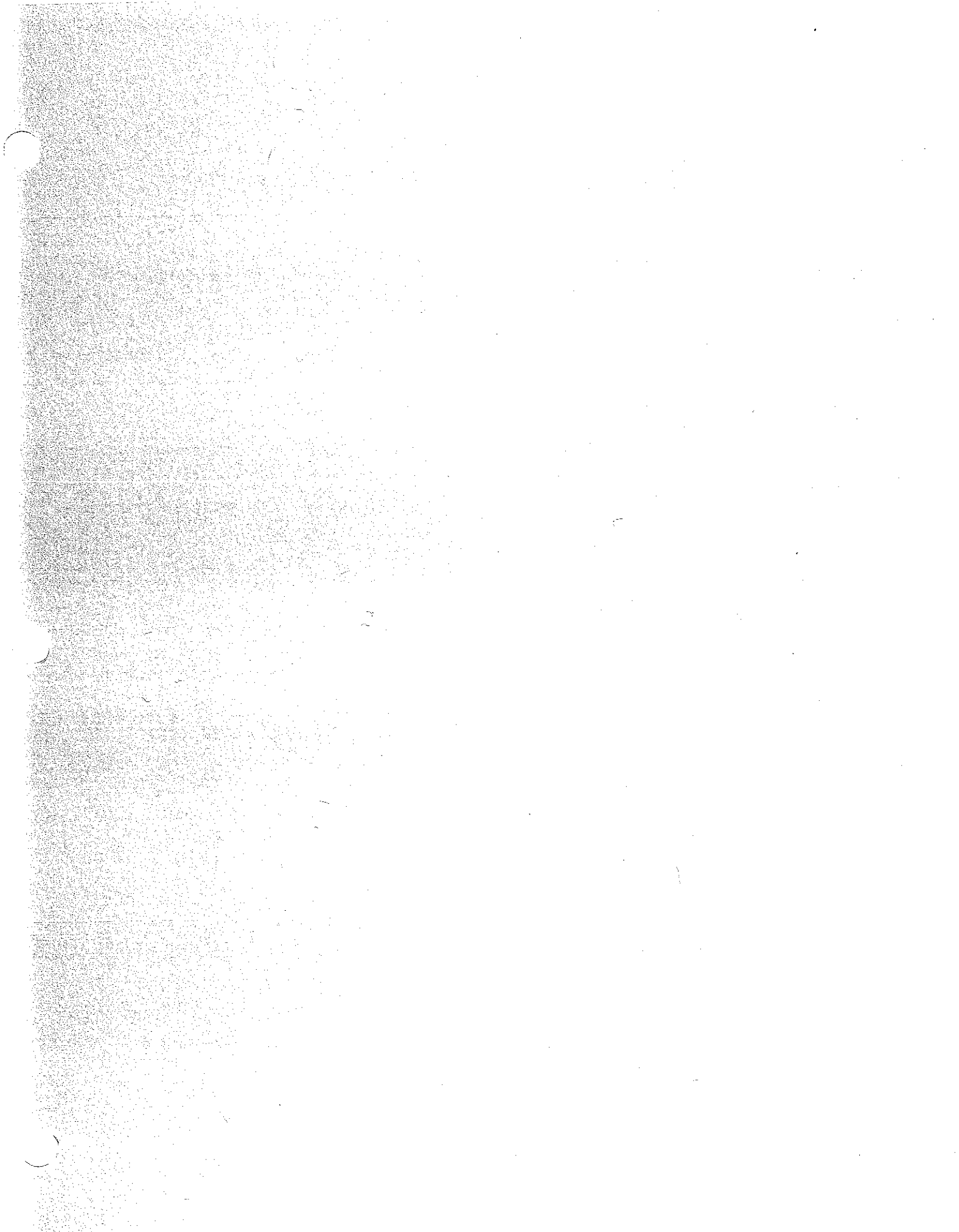
GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of September 2001

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.02</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.02</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

November 26, 2001

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Reed:

Enclosed is the October 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

RWQCB
REGION 1

NOV 28 2001

<input type="checkbox"/> SAW	<input type="checkbox"/> CRJ	<input checked="" type="checkbox"/> JLS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> MAD
<input type="checkbox"/> FCR	<input type="checkbox"/> RSG	<input checked="" type="checkbox"/> CER

LEW

11-30-01 LLW

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF OCTOBER 2001

Monitoring and Reporting Order No. 90-154. Soil Amending Project

<u>Rainfall</u>	<u>Ash Deposited</u>	<u>Details</u>
<u>Week of</u>	<u>North Area</u>	
1- 6	90	.00 Inches
7- 13	90 Yds.	.01
14- 20	30	.00
21- 27	60	.10
28- 31	0	.64
	<hr/> 270 Yds	<hr/> .75 Inches

The total number of treated acres to date = 175.00 acres

There was no amending done during the month.

Water Monitoring and Testing

Water samples were not taken during the month.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 10/7, 10/14 and 10/21. Each load was 10 cubic yards.

RWQCB
REGION 1

NOV 28 2001

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

SAW CRJ
 RLT LGR KAD
 FCR RSG

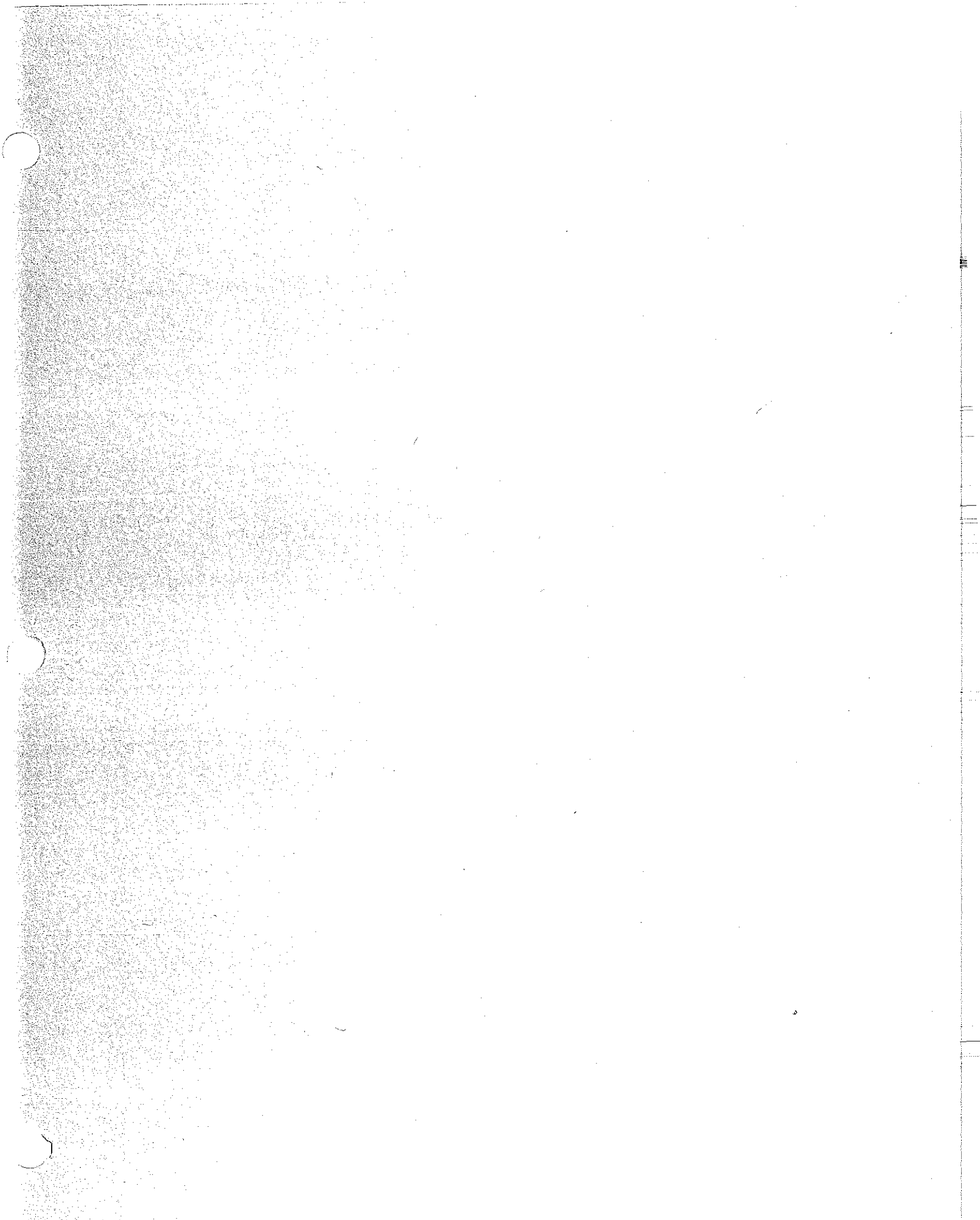
Rainfall for the Month of October 2001

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.00
11.	.01
12.	.00
13.	.00
14.	.00
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.09
24.	.00
25.	.00
26.	.00
27.	.01
28.	.00
29.	.03
30.	.49
31.	.12

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Ronald G. Hoken
Operations Manager



GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF AUGUST 2001

Monitoring and Reporting Order No. 90-154. Soil Amending Project

<u>Week of</u>	<u>Ash Deposited North Area</u>	<u>Rainfall Details</u>
1 - 4	150	00 Inches
5 - 11	210 Yds.	02
12 - 18	270	04
19 - 25	300	10
26 - 31	180	00
	<hr/> 1110 Yds	<hr/> 25 Inches

The total number of treated acres to date = 175.00 acres

The amending for year 2001 was completed this month. Approximately 10 acres were amended.

Water Monitoring and Testing

Water samples were not taken during the month

Deposition

There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 8-3, 8-10, 8-20, and 8-22.

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue


Fort Bragg, CA 95437

(707) 964-5651

Rainfall for the Month of August 2001

<u>DAY</u>	<u>RAINFALL</u>
1	.00
2	.00
3	.00
4	.00
5	.00
6	.00
7	.00
8	.00
9	.00
10	.02
11	.00
12	.04
13	.00
14	.00
15	.00
16	.00
17	.00
18	.00
19	.00
20	.00
21	.00
22	.09
23	.10
24	.00
25	.00
26	.00
27	.00
28	.00
29	.00
30	.00
31	.00

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Ronald G. Holen
Operations Manager



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

December 18, 2001

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Reed:

Enclosed is the November 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

RWQCB
REGION 1

DEC 27 2801

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> KAS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input checked="" type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EJI

CEA 2/1/02
REX

1-7-02 LCA

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF NOVEMBER 2001

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Rainfall</u>	<u>Ash Deposited</u>	<u>Details</u>
<u>Week of</u>	<u>North Area</u>	
1- 3	30	.00 Inches
4- 10	90 Yds.	.07
11- 17	90	3.61
18- 24	00	4.24
25- 30	60	2.56
	<u>210 Yds</u>	<u>10.48 Inches</u>

The total number of treated acres to date = 175.00 acres

There was no amending done during the month.

Water Monitoring and Testing

Water samples were taken for PH and COD.

Deposition

There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 11/4, 11/12, 11/19 and 11/27. Each load was 10 cubic yards.

GEORGIA PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

RWQCB
REGION 1

DEC 27 2001

SAW FCR
 RLT LGR KAD
 NPO RSG EYL

Rainfall for the Month of November 2001

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.07
11.	.57
12.	1.33
13.	.68
14.	.17
15.	.02
16.	.83
17.	.01
18.	.04
19.	.25
20.	.09
21.	.60
22.	1.40
23.	.00
24.	1.86
25.	.31
26.	.00
27.	.00
28.	.74
29.	1.51
30.	.00
31.	.00


Location	N. Pond			
Date	9-Nov	16-Nov	21-Nov	30-Nov
PH	n/a	6.4	6.5	6.4
COD	n/a	n/a	n/a	28 mg/l

Location	S. Pond			
Date	9-Nov	16-Nov	21-Nov	30-Nov
PH	n/a	6.5	6.6	6.4
COD	n/a	n/a	n/a	34 mg/l

Location	N. Road			
Date	9-Nov	16-Nov	21-Nov	30-Nov
PH	n/a	6.5	6.6	6.5
COD	n/a	n/a	n/a	23 mg/l

Location	S. Road			
Date	9-Nov	16-Nov	21-Nov	30-Nov
PH	n/a	6.4	6.4	6.2
COD	n/a	n/a	n/a	23 mg/l

- I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Ronald G. Hofen
Operations Manager



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

January 21, 2002

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

JAN 24 2002

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> KAD
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> EJK
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EJK

JLS ✓
CR ✓
1-30-02 CW

Dear Mr. Reed:

Enclosed is the December 2001 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF DECEMBER 2001

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1	00	1.98 Inches
2 - 8	00 Yds.	3.28
9- 15	00	2.76
16- 22	00	3.07
23- 29	00	3.31
30- 31	00	1.02
	<u>00</u> Yds	<u>15.42</u> Inches

The total number of treated acres to date = 175.00 acres

There was no amending done during the month.

Water Monitoring and Testing

Water samples were taken for PH .

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 12/6,12/10 and 12/18. Each load was 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of December 2001

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>1.98</u>
<u>2.</u>	<u>.42</u>
<u>3.</u>	<u>.55</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>1.13</u>
<u>6.</u>	<u>1.16</u>
<u>7.</u>	<u>.02</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.25</u>
<u>10.</u>	<u>.07</u>
<u>11.</u>	<u>.57</u>
<u>12.</u>	<u>.03</u>
<u>13.</u>	<u>.01</u>
<u>14.</u>	<u>1.81</u>
<u>15.</u>	<u>.02</u>
<u>16.</u>	<u>.19</u>
<u>17.</u>	<u>.89</u>
<u>18.</u>	<u>.01</u>
<u>19.</u>	<u>.25</u>
<u>20.</u>	<u>.87</u>
<u>21.</u>	<u>.05</u>
<u>22.</u>	<u>.81</u>
<u>23.</u>	<u>.25</u>
<u>24.</u>	<u>1.86</u>
<u>25.</u>	<u>.19</u>
<u>26.</u>	<u>.02</u>
<u>27.</u>	<u>.77</u>
<u>28.</u>	<u>.06</u>
<u>29.</u>	<u>.16</u>
<u>30.</u>	<u>.34</u>
<u>31.</u>	<u>.68</u>

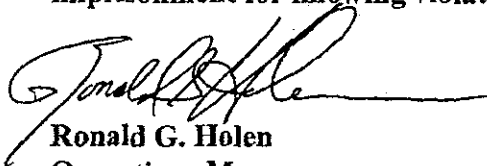
Location	N. Pond			
Date	6-Dec	14-Dec	21-Dec	27-Dec
PH	7.1	7	7.2	7.2
COD	n/a	n/a	n/a	n/a

Location	S. Pond			
Date	6-Dec	14-Dec	21-Dec	27-Dec
PH	7.2	7.2	7.1	7.1
COD	n/a	n/a	n/a	n/a

Location	N. Road			
Date	6-Dec	14-Dec	21-Dec	27-Dec
PH	7.1	7	6.9	7.1
COD	n/a	n/a	n/a	n/a

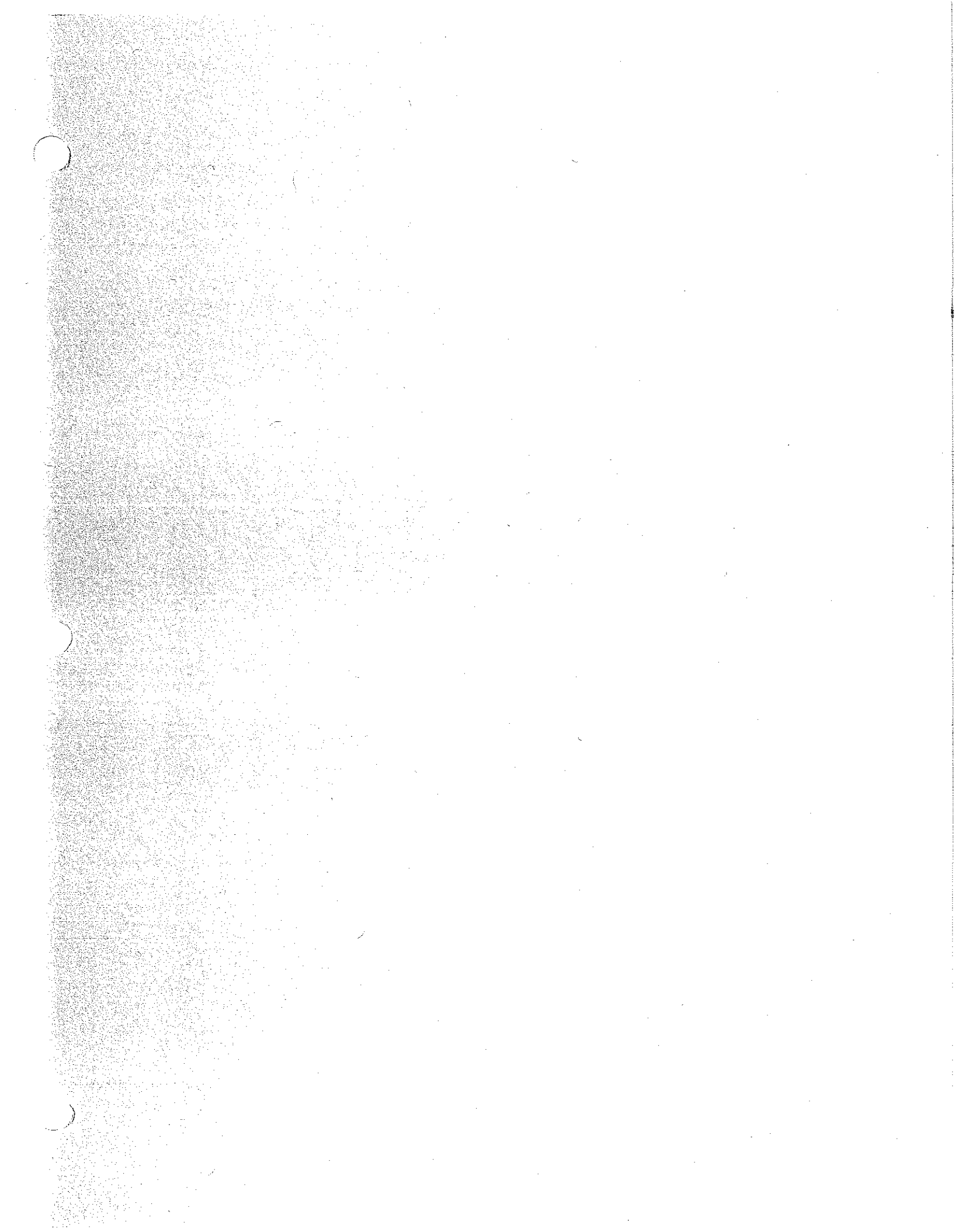
Location	S. Road			
Date	6-Dec	14-Dec	21-Dec	27-Dec
PH	7.2	7.2	7.1	7
COD	n/a	n/a	n/a	n/a

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Ronald G. Holen
Operations Manager

Dif





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471

Telephone (707) 964-5651
RWQCB
REGION 1

Lead?

February 25, 2002

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

FEB 28 2002
 SAW FCR
 RLT LGR KAD
 NPO RSG EJC

*JLS
CR*

3-2-02 w

Dear Mr. Reed:

Enclosed is the January 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF January 2002

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1 - 5	00	2.90 Inches
6 -12	00 Yds.	2.11
13- 19	00	.00
20- 26	00	1.31
27- 31	00	.31
	<hr/> 00 Yds	<hr/> 6.63 Inches

The total number of treated acres to date = 175.00 acres

There was no amending done during the month.

Water Monitoring and Testing

Water samples were taken for PH & COD.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 1/2, 1/16 and 1/28. Each load was 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of January 2002

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>0.77</u>
<u>2.</u>	<u>1.82</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>0.31</u>
<u>6.</u>	<u>1.65</u>
<u>7.</u>	<u>.06</u>
<u>8.</u>	<u>.40</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.32</u>
<u>22.</u>	<u>.16</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.83</u>
<u>27.</u>	<u>.18</u>
<u>28.</u>	<u>.05</u>
<u>29.</u>	<u>.08</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

Location	N. Pond			
Date	3-Jan	10-Jan	17-Jan	25-Jan
PH	7.2	7.1	7.2	7.3
COD	11 mg/l	N/A	N/A	N/A

Location	S. Pond			
Date	3-Jan	10-Jan	17-Jan	25-Jan
PH	7.1	7.3	7.3	7.2
COD	19 mg/l	N/A	N/A	N/A

Location	N. Road			
Date	3-Jan	10-Jan	17-Jan	25-Jan
PH	7.2	7.1	7.3	7.2
COD	< 10 mg/l	N/A	N/A	N/A

Location	S. Road			
Date	3-Jan	10-Jan	17-Jan	25-Jan
PH	7.2	7.2	7.3	7.3
COD	32 mg/l	N/A	N/A	N/A

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Ronald G. Hoken
Operations Manager *DH*





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

March 26, 2002

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

MAR 28 2002

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JKS
<input checked="" type="checkbox"/> RLE	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPD	<input type="checkbox"/> RSG	<input type="checkbox"/> EJJ

cer 4/5/02

Dear Mr. Reed:

Enclosed is the February 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen
R. Sherwood (Portland)

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF FEBRUARY 2002

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1 - 2	00	.34 Inches
3 - 9	00 Yds.	.72
10- 16	60	.01
17- 23	30	4.27
24- 28	30	.00
	<hr/> 120 Yds	<hr/> 5.34 Inches

The total number of treated acres to date = 175.00 acres

There was no amending done during the month.

Water Monitoring and Testing

Water samples were taken for PH .

Deposition

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 2/8 and 2/21. Each load was 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of February 2002

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>0.34</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.02</u>
<u>7.</u>	<u>.24</u>
<u>8.</u>	<u>.46</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.01</u>
<u>17.</u>	<u>.64</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>1.27</u>
<u>20.</u>	<u>1.97</u>
<u>21.</u>	<u>.03</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.36</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

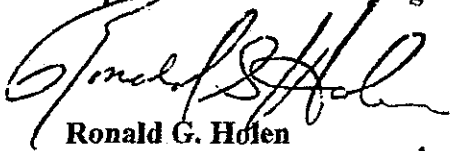
Location	N. Pond			
Date	07-Feb	14-Feb	21-Feb	28-Feb
PH	7.3	7.2	7.2	7.1
COD	N/A	N/A	N/A	N/A

Location	S. Pond			
Date	07-Feb	14-Feb	21-Feb	28-Feb
PH	7.2	7.1	7.1	7.3
COD	N/A	N/A	N/A	N/A

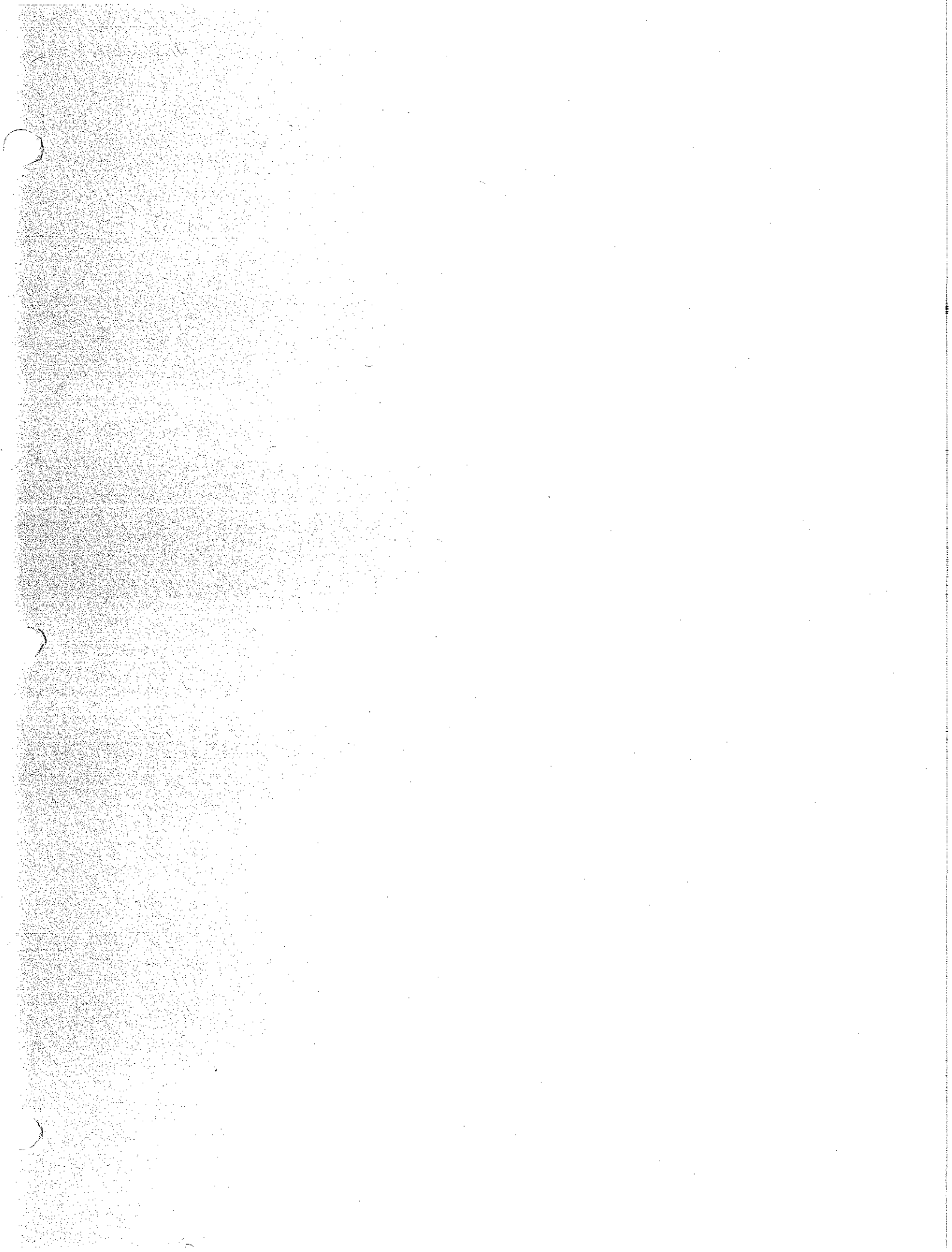
Location	N. Road			
Date	07-Feb	14-Feb	21-Feb	28-Feb
PH	7.2	7.2	7.1	7.1
COD	N/A	N/A	N/A	N/A

Location	S. Road			
Date	07-Feb	14-Feb	21-Feb	28-Feb
PH	7.1	7.4	7.3	7.2
COD	N/A	N/A	N/A	N/A

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Ronald G. Hoken
Operations Manager DH.





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

April 22, 2002

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

R W Q C B
REGION 1

APR 24 2002

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> ZKS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EUL

Reed 8/24/02
Law
4-26-02

Dear Mr. Reed:

Enclosed is the March 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF March 2002

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1 - 2	00	.00 Inches
3 - 9	90 Yds.	1.53
10- 16	90	.87
17- 23	120	1.03
24- 30	120	.02
31	<u>0</u>	<u>.00</u>
	420Yds	3.45 Inches

The total number of treated acres to date = 175.00 acres

There was no amending done during the month.

Water Monitoring and Testing

Water samples were taken for PH and COD.

Deposition

There has been 40 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 3/5, 3/9, 3/24, and 3/31. Each load was 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

RWQCB
REGION 1

APR 24 2002

SAW FGR
 RLT LGR KAD
 NPO HSS EJJ

Rainfall for the Month of March 2002

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.08</u>
<u>6.</u>	<u>.66</u>
<u>7.</u>	<u>.68</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.11</u>
<u>10.</u>	<u>.41</u>
<u>11.</u>	<u>.07</u>
<u>12.</u>	<u>.11</u>
<u>13.</u>	<u>.28</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.14</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.39</u>
<u>23.</u>	<u>.05</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

Location	N. Pond			
Date	07-Mar	14-Mar	21-Mar	29-Mar
PH	7.2	7.1	7.3	7.3
COD	N/A	<10 mg/l	N/A	N/A

Location	S.Pond			
Date	07-Mar	14-Mar	21-Mar	29-Mar
PH	7.2	7.3	7.1	7.1
COD	N/A	27mg/l	N/A	N/A

Location	N.Road			
Date	07-Mar	14-Mar	21-Mar	29-Mar
PH	7.3	7.2	7.1	7.3
COD	N/A	11 mg/l	N/A	N/A

Location	S.Road			
Date	07-Mar	14-Mar	21-Mar	29-Mar
PH	7.3	7.2	7.1	7.4
COD	N/A	19 mg/l	N/A	N/A

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." D.K.



**Ronald G. Holen
Operations Manager**





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

May 17, 2002

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

MAY 28 2002

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JES
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> E.JL

LEW

8/2/02 CER

5-29-02 LG

Dear Mr. Reed:

Enclosed is the April 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF APRIL 2002

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1 - 6	90	.07 Inches
7 - 13	120 Yds.	.22
14- 20	90	.72
21- 27	90	.03
28- 30	30	.15
31	<u>0</u>	.00
	420Yds	1.19 Inches

The total number of treated acres to date = 175.00 acres

There was no amending done during the month.

Water Monitoring and Testing

Water samples were not required for the month.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 4/14, 4/21, , and 4/29. Each load was 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

RWQCB
REGION 1

MAY 28 2002

SAW FOR
 RLT LGR KAD
 NPO RSG E.J.L.

Rainfall for the Month of April 2002

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.02
4.	.02
5.	.00
6.	.03
7.	.00
8.	.00
9.	.10
10.	.08
11.	.04
12.	.00
13.	.00
14.	.09
15.	.05
16.	.15
17.	.43
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.00
26.	.00
27.	.03
28.	.00
29.	.05
30.	.10
31.	.00

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Ronald G. Holen
Operations Manager D.H.





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

June 25, 2002

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

JUN 27 2002

<input type="checkbox"/> SAW	<input type="checkbox"/> FGR	<input checked="" type="checkbox"/> LAR
<input type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAB
<input type="checkbox"/> NPO	<input type="checkbox"/> RGG	<input type="checkbox"/> EJI

*WCR 8/2/02
6280264*

Dear Mr. Reed:

Enclosed is the May 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF MAY 2002

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1 - 4	60	.01 Inches
5 - 11	150 Yds.	.00
12- 18	150	.00
19- 25	120	.46
26- 31	90	.06
	<hr/> 570Yds	<hr/> .53 Inches

The total number of treated acres to date = 175.00 acres

There was no amending done during the month.

Water Monitoring and Testing

Water samples were not required for the month.

Deposition

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 5/13, and 5/23. Each load was 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of May 2002

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.01</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.36</u>
<u>21.</u>	<u>.10</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.06</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

July 23, 2002

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Reed:

Enclosed is the June 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen

RWQCB
REGION 1

JUL 25 2002

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JES
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPQ	<input type="checkbox"/> RSG	<input type="checkbox"/> EJJ

new
tex 7/2/02
7-26-02

JLS
CR

RWOC'S
REGION 1

JUL 25 2002

SAW FCR
 RLT LGR KAD
 RSG EJT

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JUNE 2002

Monitoring and Reporting Order No. 90-154, Soil Amending Project

<u>Rainfall</u>	<u>Ash Deposited</u>	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1	30	.00 Inches
2 - 8	150 Yds.	.00
9- 15	150	.00
16- 22	150	.00
23- 29	120	.00
30	<u>0</u>	.00
	600Yds	.00 Inches

The total number of treated acres to date = 175.00 acres

There was no amending done during the month.

Water Monitoring and Testing

Water samples were not required for the month.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 6/1, 6/17 and 6/23. Each load was 10 cubic yards.

RWQCB
REGION 1

JUL 25 2002

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651


SAW FCR _____
 RLT LGR KAD _____
 NPO RSG EJJ _____

Rainfall for the Month of June 2002

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.00
11.	.00
12.	.00
13.	.00
14.	.00
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.00
26.	.00
27.	.00
28.	.00
29.	.00
30.	.00
31.	.00

“ I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

DH


Ronald G. Holen
Operations Manager





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

August 26, 2002

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

AUG 28 2002

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JLS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAO
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EJI

JLS
9/24/02

UKW NWS 9-6-02

Dear Mr. Reed:

Enclosed is the July 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JULY 2002

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1- 6	90	.00 Inches
7-13	90 Yds.	.00
14-20	120	.00
21-27	90	.00
28-31	30	.02
	<hr/> 420Yds	<hr/> .02 Inches

The total number of treated acres to date = 175.00 acres

There was no amending done during the month.

Water Monitoring and Testing

Water samples were not required for the month.

Deposition

There has been 30 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 7/3, 7/18 and 7/28. Each load was 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

RWQCB
REGION 1

AUG 28 2002

SAW FCR
 RLT LGR KAD
 NPO RSG EJJ

Rainfall for the Month of July 2002

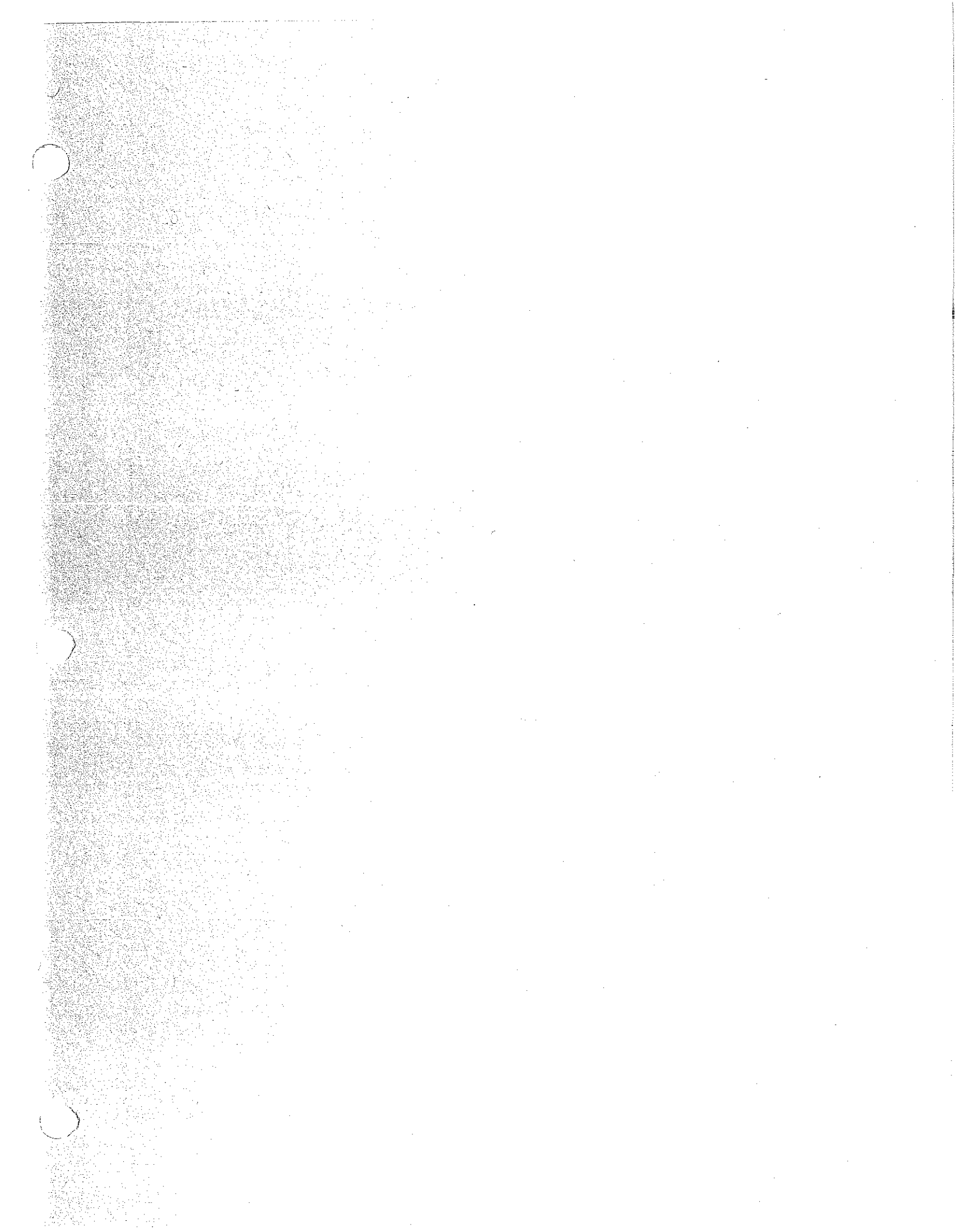
<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.02</u>

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



**Ronald G. Holen
Operations Manager**

D.H.





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

September 13, 2002

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

SEP 16 2002

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JLS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EJI

Wen
7/20/02

Dear Mr. Reed:

Enclosed is the August 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF AUGUST 2002

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1- 3	60	.08 Inches
4 -10	180 Yds.	.00
11-17	60	.02
18-24	240	.03
25-31	90	.02
	<hr/> 630 Yds	<hr/> .15 Inches

The total number of treated acres to date = 180.00 acres

The Amending project was completed this month for the year.

Water Monitoring and Testing

Water samples were not required for the month.

Deposition

There has been 20 cubic yards of sludge hauled from the Mendocino City Community Services District. Haul dates were 8/12 and 8/15. Each load was 10 cubic yards.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

RWQCB
REGION 1

SEP 16 2002

SAW FCR J
 RLJ LGR KAD
 NPO RSG EJJ

Rainfall for the Month of August 2002

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.03</u>
<u>2.</u>	<u>.02</u>
<u>3.</u>	<u>.03</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.02</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.03</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.02</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Ronald G. Holen
Operations Manager DA





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

October 22, 2002

RWQCB
REGION 1

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

OCT 24 2002

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JCS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RBG	<input type="checkbox"/> EUL

*See 11/1/02
NRW 10-25*

Dear Mr. Reed:

Enclosed is the September 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF SEPTEMBER 2002

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1- 7	00	.00 Inches
8 -14	00 Yds.	.00
15-21	00	.00
22-28	00	.00
29-30	00	.00
	<hr/> 00 Yds	<hr/> .00 Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

Water samples were not required for the month.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

RWQCB
REGION 1

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

OCT 24 2002

SAW FCR
 RLT LGR KAD
 NPO RSG EJJ

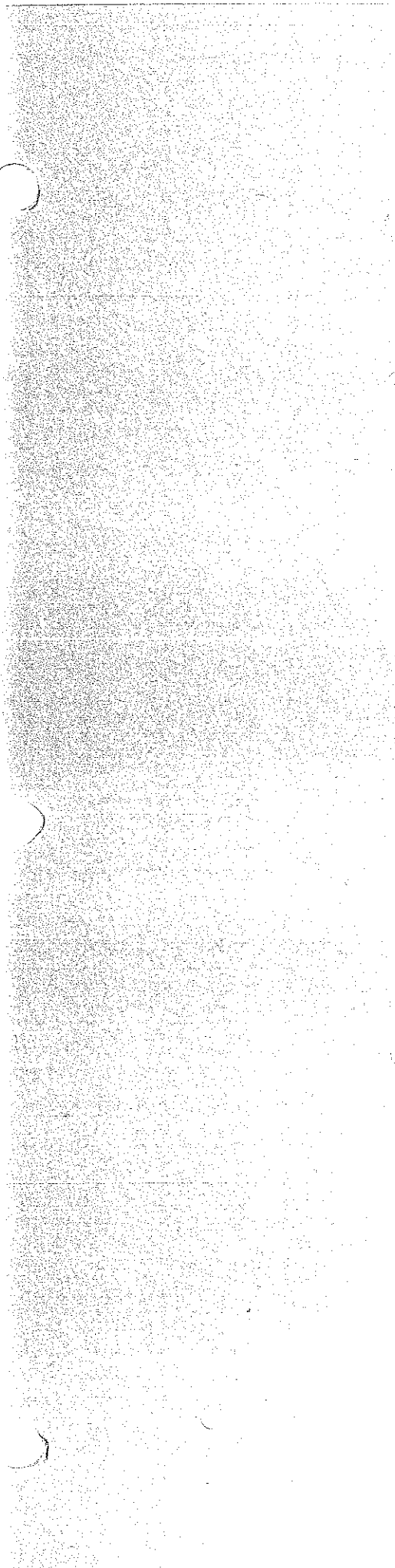
Rainfall for the Month of September 2002

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.00
11.	.00
12.	.00
13.	.00
14.	.00
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.00
26.	.00
27.	.00
28.	.00
29.	.00
30.	.00
31.	.00

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A handwritten signature in black ink, appearing to read "Paul E. Johnson", with a long horizontal flourish extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-096



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

November 15, 2002

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

NOV 26 2002

<input type="checkbox"/> SAW	<input type="checkbox"/> PCR	<input checked="" type="checkbox"/> KAD
<input type="checkbox"/> RLT	<input type="checkbox"/> ECR	<input type="checkbox"/> E.JL
<input type="checkbox"/> NPO	<input type="checkbox"/> AGS	

Handwritten notes:
11/30/02
JLS ✓
AICR
K N N N N N 11/26/02

Dear Mr. Reed:

Enclosed is the October 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: R. Holen

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF OCTOBER 2002

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1- 5	00	.00 Inches
6 -12	00 Yds.	.03
13-19	00	.00
20-26	00	.06
27-31	00	.00
	<hr/> 00 Yds	<hr/> .09 Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

Water samples were not required for the month.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

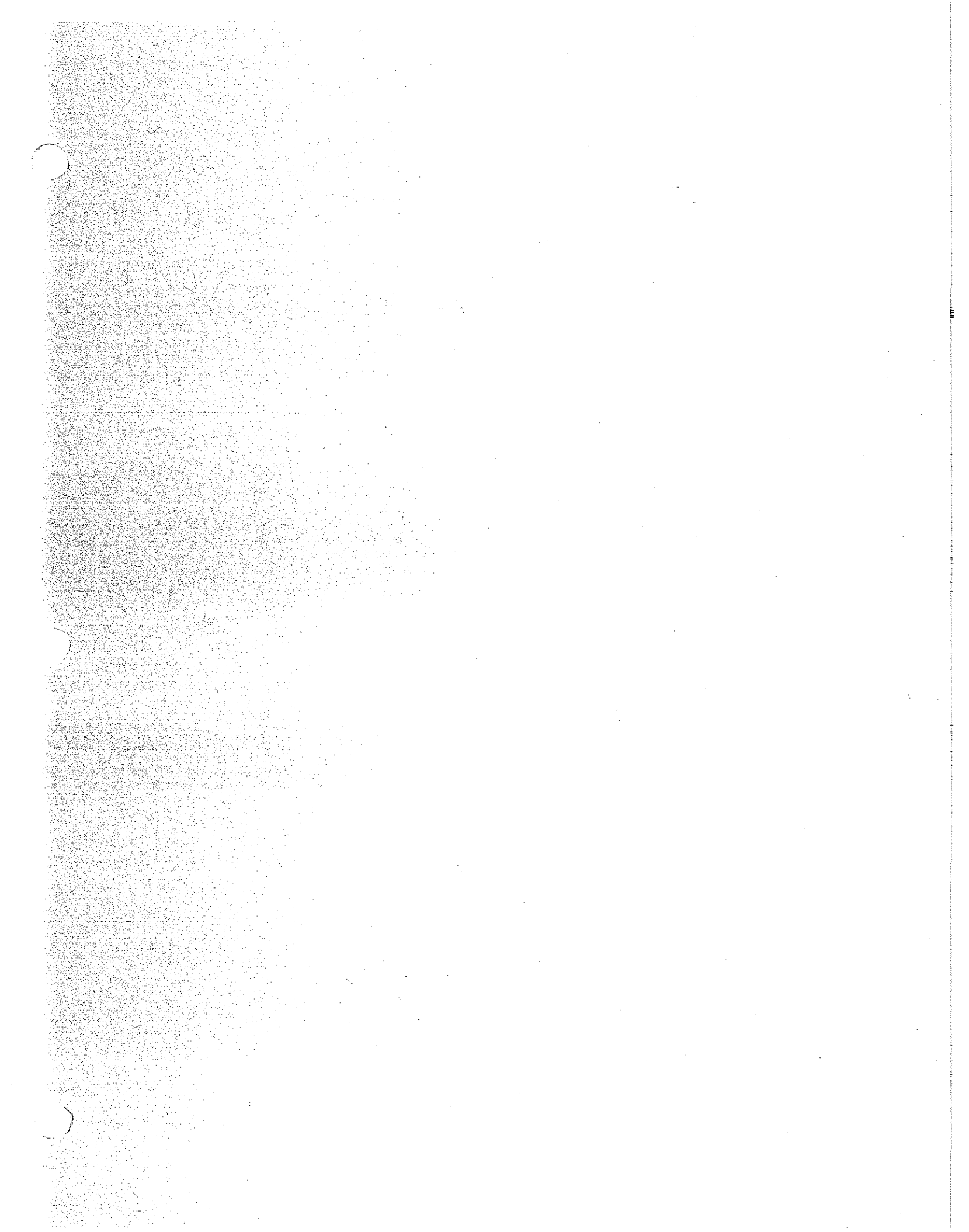
Rainfall for the Month of October 2002

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.03
11.	.00
12.	.00
13.	.00
14.	.00
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.04
24.	.00
25.	.02
26.	.00
27.	.00
28.	.00
29.	.00
30.	.00
31.	.00

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A handwritten signature in cursive script that reads "Paul E. Johnson". The signature is written in black ink and is positioned above the printed name and title.

**Paul E. Johnson
Plant Superintendent**



910096



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

December 19, 2002

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

DEC 23 2002

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> KAS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EJJ

✓ NCR 12/3/02
✓ CR 1/3/03

Dear Mr. Reed:

Enclosed is the November 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 92-26.

We are using the drainage controls and management practices outlined in Order NO. 92-26 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF NOVEMBER 2002

Monitoring and Reporting Order No. 90-154, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1- 2	00	.00 Inches
3 - 9	00 Yds.	3.58
10-16	00	1.61
17-23	00	.03
24-30	00	.00
	<hr/> 00 Yds	<hr/> 5.22 Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

No water samples were taken for the month.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

R W O C B
REGION 1

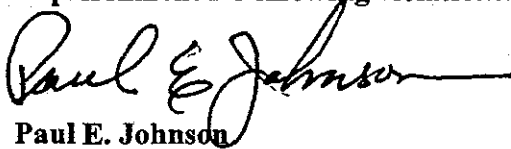
DEC 23 2002

SAW FCR
 RLT LGR KAD
 NPO RSG E JL

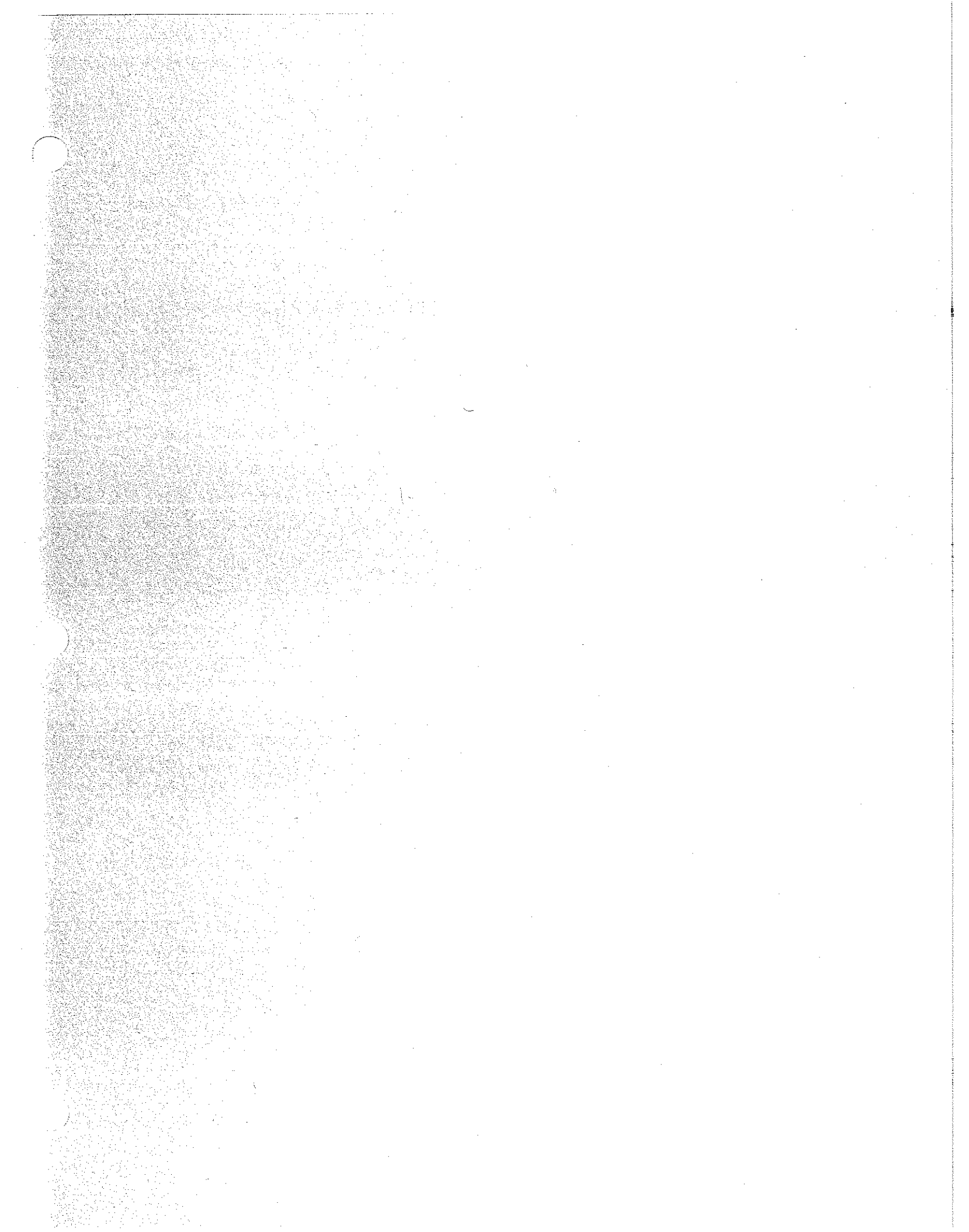
Rainfall for the Month of November 2002

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>1.65</u>
<u>8.</u>	<u>1.59</u>
<u>9.</u>	<u>.34</u>
<u>10.</u>	<u>.89</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.50</u>
<u>13.</u>	<u>.04</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.18</u>
<u>17.</u>	<u>.03</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A handwritten signature in black ink that reads "Paul E. Johnson". The signature is written in a cursive style with a long horizontal line extending from the end of the name.

**Paul E. Johnson
Plant Superintendent**





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

January 27, 2003

R W Q C B
REGION 1

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

JAN 29 2003

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> KJ
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> M.P.	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EUL

JLS
ER
2/4/03
NKN NKN 2/3/03

Dear Mr. Reed:

Enclosed is the December 2002 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC McGUIRE RANCH REPORT

DECEMBER 29
MONTH OF NOVEMBER 2002

RWQCB
REGION 1

JAN 29 2003

SAW FOR
 RLT EGR KAD
 NPO RSG EJI

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1- 7	00	.22 Inches
8 - 14	00 Yds.	7.03
15- 21	00	5.75
22- 28	00	6.02
29- 31	00	2.59
	<hr/> 00 Yds	<hr/> 21.61 Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

Water samples were taken for ph.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of December 2002

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.19</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.03</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.49</u>
<u>10.</u>	<u>.53</u>
<u>11.</u>	<u>.03</u>
<u>12.</u>	<u>.02</u>
<u>13.</u>	<u>1.83</u>
<u>14.</u>	<u>4.13</u>
<u>15.</u>	<u>.92</u>
<u>16.</u>	<u>1.60</u>
<u>17.</u>	<u>.26</u>
<u>18.</u>	<u>.14</u>
<u>19.</u>	<u>1.32</u>
<u>20.</u>	<u>.89</u>
<u>21.</u>	<u>.62</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.36</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.27</u>
<u>27.</u>	<u>1.03</u>
<u>28.</u>	<u>4.36</u>
<u>29.</u>	<u>.64</u>
<u>30.</u>	<u>.78</u>
<u>31.</u>	<u>1.17</u>

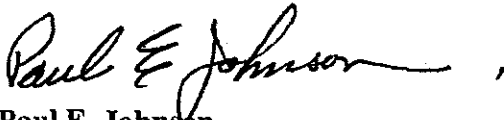
Location	N. Pond			
Date	02-Dec	09-Dec	16-Dec	23-Dec
PH	7.3	7.2	7.3	7.1
COD	N/A	N/A	N/A	N/A

Location	S. Pond			
Date	02-Dec	09-Dec	16-Dec	23-Dec
PH	7.2	7.2	7.3	7.1
COD	N/A	N/A	N/A	N/A

Location	N. Road			
Date	02-Dec	09-Dec	16-Dec	23-Dec
PH	7.4	7.3	7.3	7.2
COD	N/A	N/A	N/A	N/A

Location	S. Road			
Date	02-Dec	09-Dec	16-Dec	23-Dec
PH	7.3	7.4	7.4	7.2
COD	N/A	N/A	N/A	N/A

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

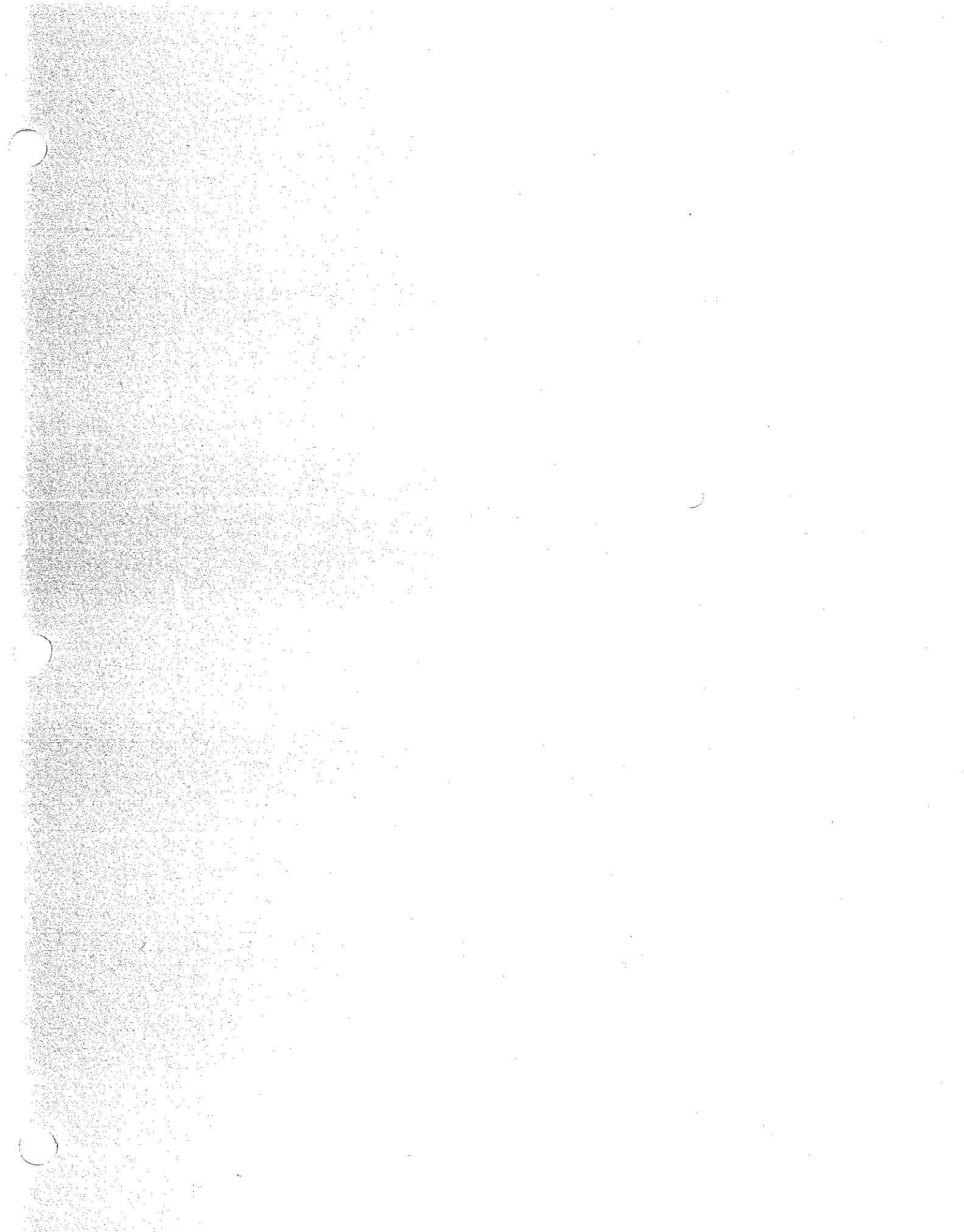


**Paul E. Johnson
Plant Superintendent**

**R W Q C B
REGION 1**

JAN 29 2003

<input type="checkbox"/> SAW	<input type="checkbox"/> PCR	<input type="checkbox"/> KAD
<input type="checkbox"/> RLT	<input type="checkbox"/> LSR	<input type="checkbox"/> EUL
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/>



8320
96-096



Georgia-Pacific Corporation
Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

February 27, 2003

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

MAR - 3 2003

<input type="checkbox"/> SAW	<input type="checkbox"/> PCR	<input checked="" type="checkbox"/> JLS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EJJ

JLS ✓
EJJ ✓

AKW AKAS 3/5/03
CER 4/4/03

Dear Mr. Reed:

Enclosed is the January 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JANUARY 2003

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1- 4	00	.40 Inches
5 - 11	00 Yds.	1.12
12- 18	00	3.41
19- 25	00	1.16
26- 31	00	.32
	<hr/> 00 Yds	<hr/> 6.41 Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

Water samples were taken for ph. & C.O.D.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

RWQCB
REGION 1

MAR - 3 2003

SAW FCR KAD
 RLT LGR EJJ
 NPQ RSG ELL

Rainfall for the Month of January 2003

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.14
4.	.26
5.	.05
6.	.00
7.	.00
8.	.00
9.	.20
10.	.71
11.	.16
12.	1.57
13.	1.38
14.	.46
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.15
22.	.40
23.	.14
24.	.16
25.	.31
26.	.02
27.	.15
28.	.00
29.	.00
30.	.10
31.	.05

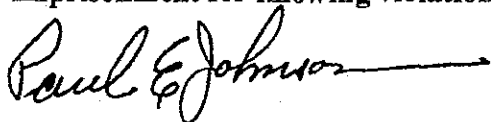
Location	N. Pond				
Date	03-Jan	10-Jan	17-Jan	24-Jan	29-Jan
PH	7.1	7.1	7	6.9	6.9
COD	N/A	N/A	N/A	N/A	16 mg/l

Location	S. Pond				
Date	03-Jan	10-Jan	17-Jan	24-Jan	29-Jan
PH	7.2	7.1	7.1	7	6.9
COD	N/A	N/A	N/A	N/A	83 mg/l

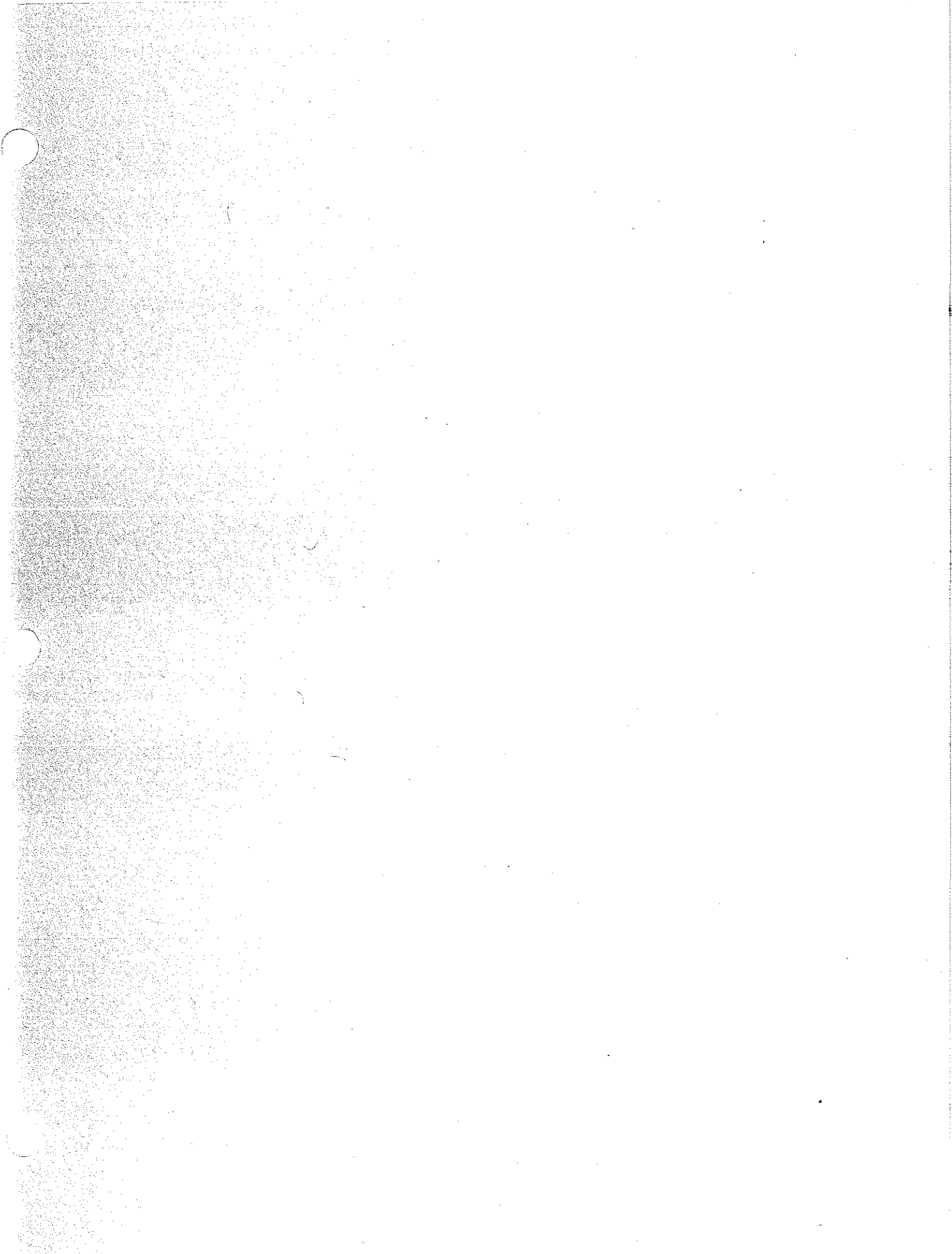
Location	N. Road				
Date	03-Jan	10-Jan	17-Jan	24-Jan	29-Jan
PH	7.1	7.2	7.2	7	7.1
COD	N/A	N/A	N/A	N/A	13 mg/l

Location	S. Road				
Date	03-Jan	10-Jan	17-Jan	24-Jan	29-Jan
PH	7.2	7.1	7	7.1	7.1
COD	N/A	N/A	N/A	N/A	34 mg/l

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A handwritten signature in cursive script that reads "Paul E. Johnson". The signature is written in black ink and includes a long horizontal flourish extending to the right.

**Paul E. Johnson
Plant Superintendent**





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

March 24, 2003

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCE
REGION 1

MAR 26 2003

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input type="checkbox"/>
<input type="checkbox"/> RLT	<input type="checkbox"/> LCR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPG	<input type="checkbox"/> RSG	<input type="checkbox"/> EJI

KN
CR
4/14/03

Dear Mr. Reed:

Enclosed is the February 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC MCGUIRE RANCH REPORT

MONTH OF FEBRUARY 2003

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1	00	.16 Inches
2 - 8	00 Yds.	.00
9- 15	00	1.80
16- 22	00	1.21
23- 28	00	.24
	<hr/> 00 Yds	<hr/> 3.41 Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

Water samples were taken for ph.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of February 2003

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.16</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.03</u>
<u>13.</u>	<u>1.43</u>
<u>14.</u>	<u>.10</u>
<u>15.</u>	<u>.24</u>
<u>16.</u>	<u>.40</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.04</u>
<u>19.</u>	<u>.74</u>
<u>20.</u>	<u>.03</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.01</u>
<u>25.</u>	<u>.11</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.12</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

Location	N. Pond			
Date	07-Feb	14-Feb	21-Feb	28-Feb
PH	7	7.1	6.9	7
COD	N/A	N/A	N/A	N/A

Location	S.Pond			
Date	07-Feb	14-Feb	21-Feb	28-Feb
PH	7	7.1	7	7
COD	N/A	N/A	N/A	N/A

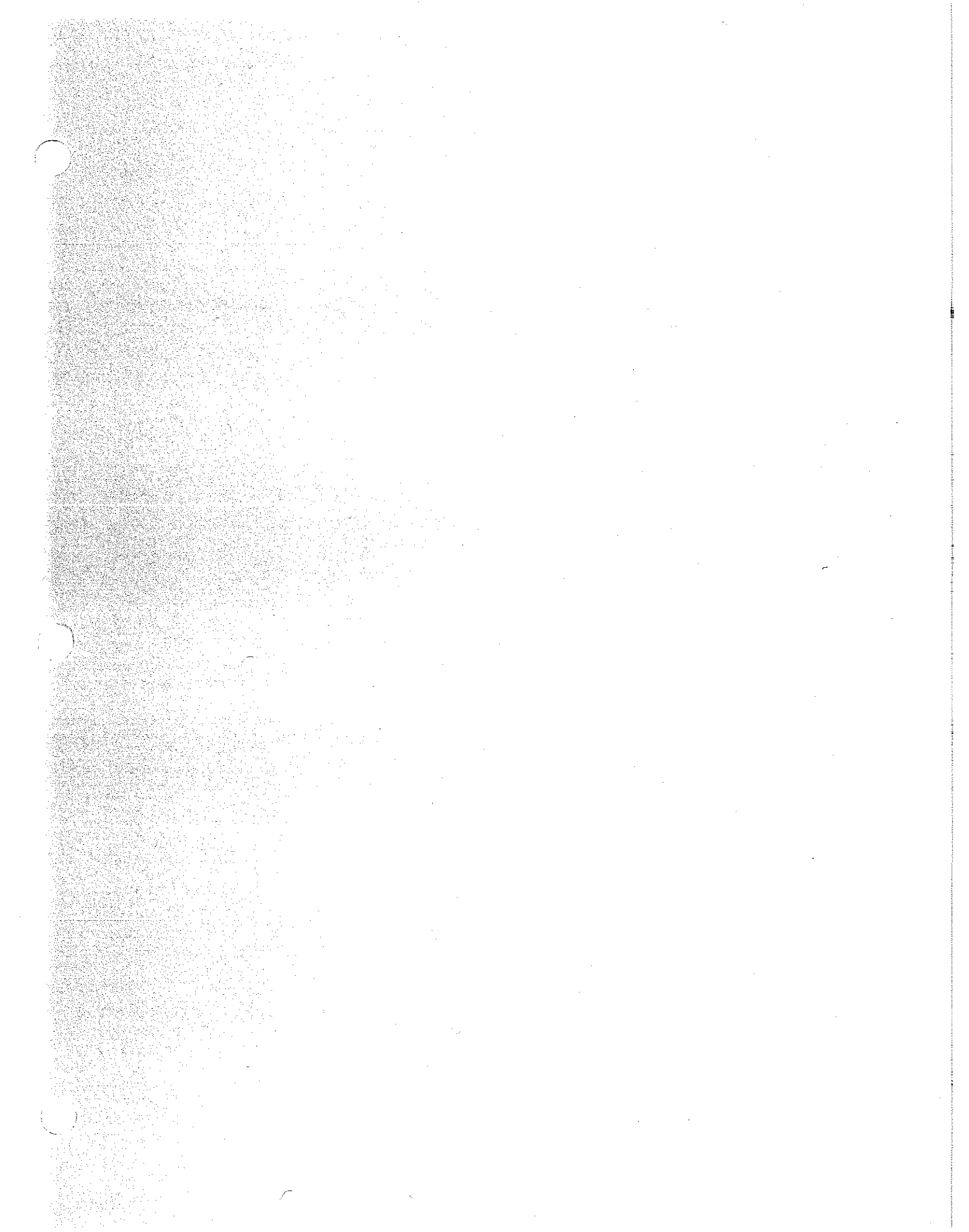
Location	N.Road			
Date	07-Feb	14-Feb	21-Feb	28-Feb
PH	7	7.1	7.1	7.1
COD	N/A	N/A	N/A	N/A

Location	S.Road			
Date	07-Feb	14-Feb	21-Feb	28-Feb
PH	7.1	7	7	7.1
COD	N/A	N/A	N/A	N/A

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



**Paul E. Johnson
Plant Superintendent**



96-096



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

April 23, 2003

R W Q C B
REGION 1

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

APR 25 2003

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JLS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EJI

NKN 5/12/03

Dear Mr. Reed:

Enclosed is the March 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF MARCH 2003

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

<u>Rainfall</u>	<u>Ash Deposited</u>	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1	00	.00 Inches
2 - 8	00 Yds.	.00
9- 15	00	2.71
16- 22	00	1.26
23- 29	00	1.89
30- 31	00	.00
	<u>00 Yds</u>	<u>5.86 Inches</u>

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

Water samples were taken for ph. & COD

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

RWQCB
REGION 1

APR 25 2003

SAW FCR _____
 RLT LGR KAD _____
 NPO RSG EJJ _____

Rainfall for the Month of March 2003

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.11</u>
<u>11.</u>	<u>.15</u>
<u>12.</u>	<u>.11</u>
<u>13.</u>	<u>.44</u>
<u>14.</u>	<u>.43</u>
<u>15.</u>	<u>1.47</u>
<u>16.</u>	<u>.20</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.42</u>
<u>20.</u>	<u>.23</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.41</u>
<u>23.</u>	<u>.32</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.11</u>
<u>26.</u>	<u>1.46</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

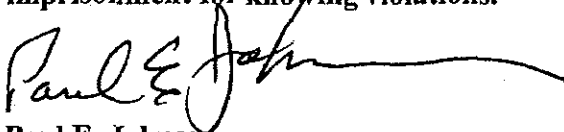
Location	N. Pond			
Date	06-Mar	13-Mar	20-Mar	27-Mar
PH	7	7.1	7	7.1
COD	N/A	N/A	N/A	< 10 mg/l

Location	S. Pond			
Date	06-Mar	13-Mar	20-Mar	27-Mar
PH	6.9	7	6.9	6.8
COD	N/A	N/A	N/A	11 mg/l

Location	N. Road			
Date	06-Mar	13-Mar	20-Mar	27-Mar
PH	7.1	7	7	7.1
COD	N/A	N/A	N/A	< 10 mg/l

Location	S. Road			
Date	06-Mar	13-Mar	20-Mar	27-Mar
PH	7.1	6.9	6.9	7
COD	N/A	N/A	N/A	< 10 mg/l

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A handwritten signature in black ink, appearing to read "Paul E. Johnson", with a long horizontal flourish extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-096



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

June 2, 2003
Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Mr. Reed:

Enclosed is the April 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

Due to a medical condition I have been out of the office and no one had access to my computer files therefor this report is a few days late.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

RWQCB
REGION 1

JUN - 4 2003

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JLS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EJL

✓ CER 9/16/03
✓ WKN 6/1/03

cc: Paul Johnson

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF April 2003

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1-5	00	1.32 Inches
6-12	00 Yds.	1.43
13-19	00	2.64
20-26	00	3.10
27-30	00	3.42
	<u>00</u>	<u>.00</u>
	00 Yds	11.91 Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

Water samples were taken for ph. & COD

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

RWQCB
REGION 1

JUN - 4 2003

SAW FCR
 RLT LGR KAD
 NPO RSG E.J.L.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of April 2003

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.03</u>
<u>2.</u>	<u>.19</u>
<u>3.</u>	<u>.17</u>
<u>4.</u>	<u>.66</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.20</u>
<u>7.</u>	<u>.05</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.07</u>
<u>11.</u>	<u>.05</u>
<u>12.</u>	<u>1.06</u>
<u>13.</u>	<u>.63</u>
<u>14.</u>	<u>.99</u>
<u>15.</u>	<u>.21</u>
<u>16.</u>	<u>.77</u>
<u>17.</u>	<u>.04</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.10</u>
<u>22.</u>	<u>.28</u>
<u>23.</u>	<u>.15</u>
<u>24.</u>	<u>1.34</u>
<u>25.</u>	<u>.70</u>
<u>26.</u>	<u>.53</u>
<u>27.</u>	<u>.08</u>
<u>28.</u>	<u>.86</u>
<u>29.</u>	<u>1.90</u>
<u>30.</u>	<u>.58</u>
<u>31.</u>	<u>.00</u>

R W Q C B
REGION 1

JUN - 4 2003

SAW FCR
 RLT LGR KAD
 NPG RSG E JL

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A handwritten signature in black ink, appearing to read "Paul E. Johnson", with a long horizontal line extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-096



Georgia-Pacific Corporation
Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

June 18, 2003
Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

JUN 23 2003

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JLS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EJM

JLS
CR

KAD 6/27/03
LCEP 9/15/03

Dear Mr. Reed:

Enclosed is the May 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

RWQCB
REGION 1

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

JUN 23 2003

SAW FCR
 RLT LGR KAD
 NPO RSG EJJ

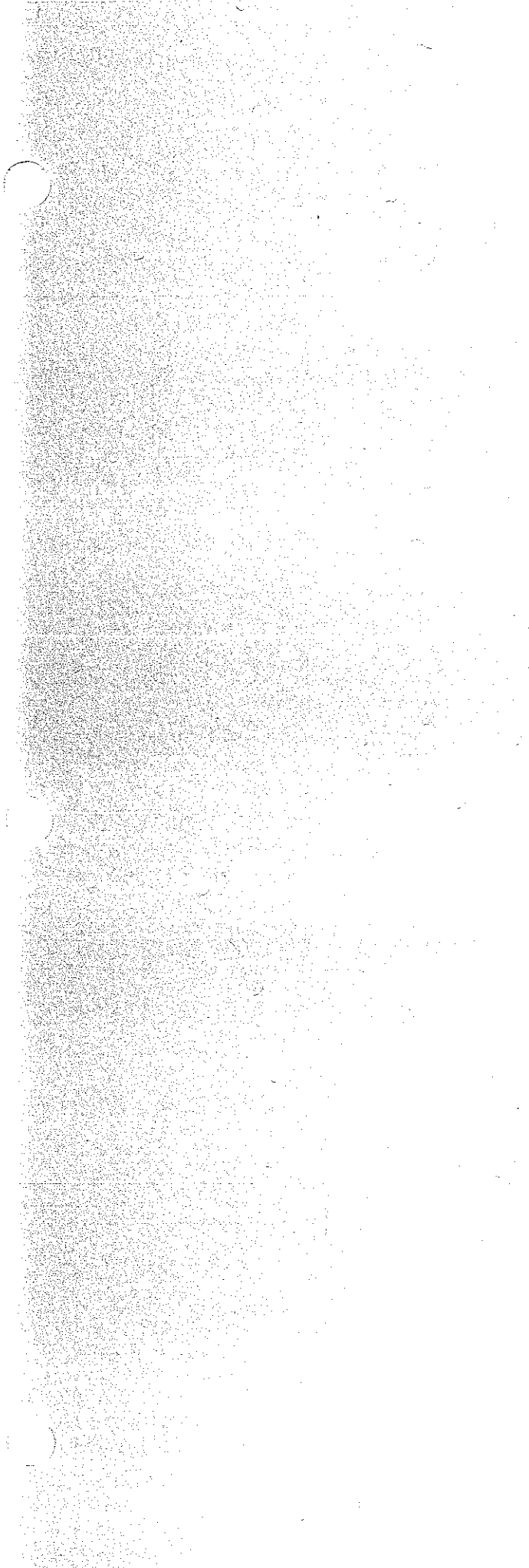
Rainfall for the Month of May 2003

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.25
3.	.18
4.	.12
5.	.00
6.	.03
7.	.05
8.	.24
9.	.00
10.	.00
11.	.00
12.	.00
13.	.00
14.	.00
15.	.00
16.	.00
17.	.00
18.	.00
19.	.00
20.	.00
21.	.00
22.	.00
23.	.00
24.	.00
25.	.01
26.	.00
27.	.00
28.	.00
29.	.00
30.	.02
31.	.00

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



**Paul E. Johnson
Plant Superintendent**



96-096



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

July 23, 2003

R W Q C B
REGION 1

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

JUL 24 2003

<input type="checkbox"/> SAW	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JCS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPQ	<input type="checkbox"/> RSG	<input type="checkbox"/> EJJ

CEC 9/15/03
KKO 7/25/03

Dear Mr. Reed:

Enclosed is the June 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JUNE 2003

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1-7	00	.04 Inches
8-14	00 Yds.	.00
15-21	00	.00
22-28	00	.00
29-30	00	.00
	<u>00</u>	<u>.00</u>
	00 Yds	.04 Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

No water samples were required.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

RWQCB
REGION 1

JUL 24 2003

SAW FCR
 RLT LGR KAD
 NPO RSG EJJ

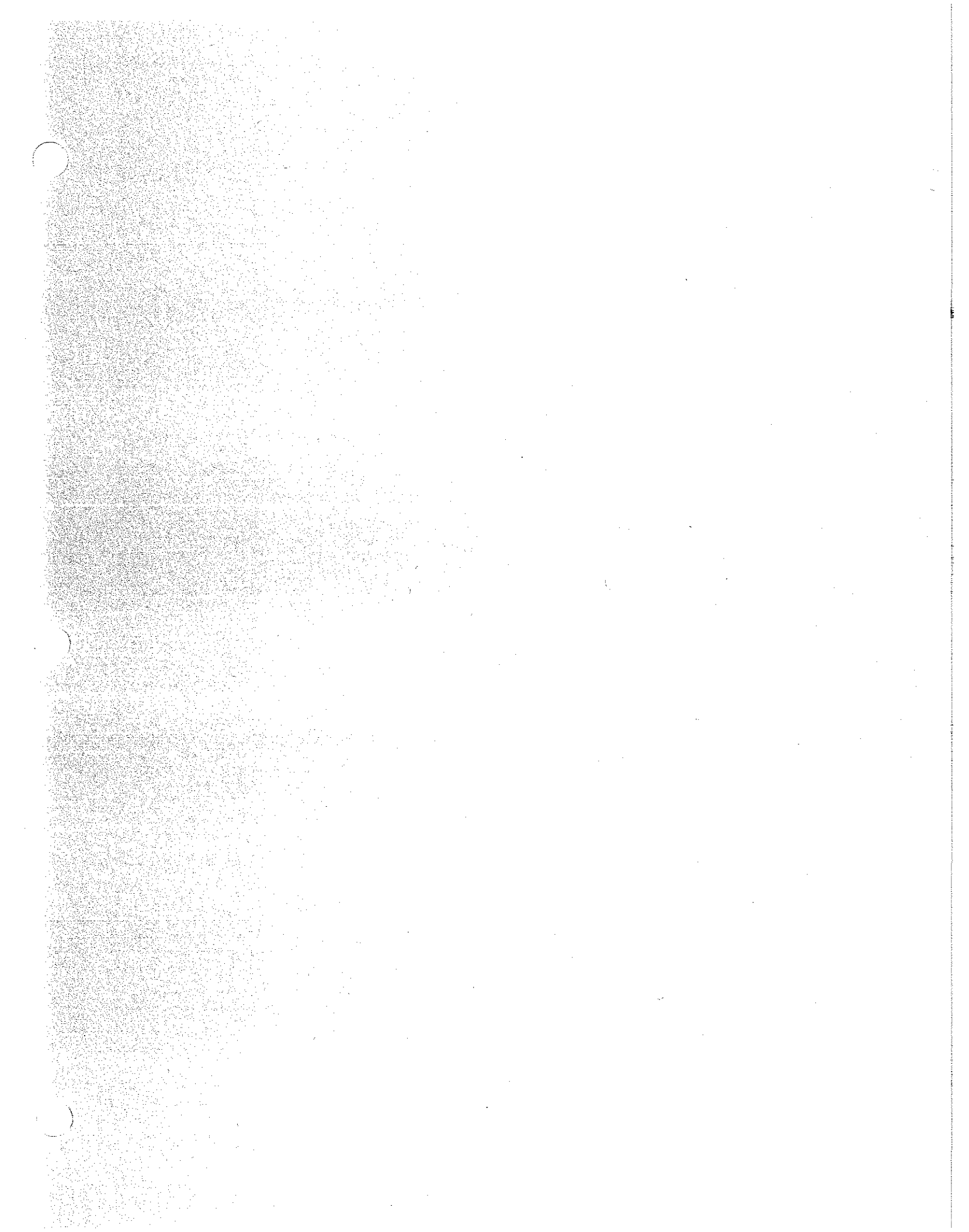
Rainfall for the Month of June 2003

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.02</u>
<u>7.</u>	<u>.02</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

“ I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

A handwritten signature in cursive script that reads "Paul E. Johnson". The signature is written in black ink and includes a long horizontal flourish extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-096



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

August 25, 2003

RWQCB
REGION 1

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

AUG 26 2003

<input type="checkbox"/> CK	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JLS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EIL

OK 8/27/03
CER 9/15/03

Dear Mr. Reed:

Enclosed is the July 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JULY 2003

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

<u>Rainfall</u>	<u>Ash Deposited</u>	<u>Details</u>
<u>Week of</u>	<u>North Area</u>	
1-5	00	.00 Inches
6-12	00 Yds.	.00
13-19	00	.02
20-26	00	.00
27-31	00	.00
	<hr/> 00 Yds	<hr/> .02 Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

No water samples were required.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

RWQCB
REGION 1

AUG 26 2003

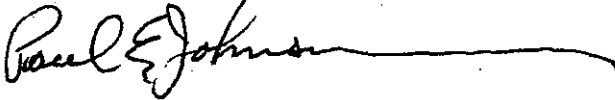
GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

CK _____ FCR _____ _____
 RLK _____ LGR _____ KAD _____
 NPO _____ RSG _____ EJJ _____

Rainfall for the Month of July 2003

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.02</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

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A handwritten signature in black ink, appearing to read "Paul E. Johnson", with a long horizontal flourish extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-096



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

September 22, 2003

RWQCB
REGION 1

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

SEP 23 2003

<input type="checkbox"/> CK	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> <i>MM</i> 9/25/03
<input type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EUL

HS *ESP 11/14/03*

Dear Mr. Reed:

Enclosed is the August 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

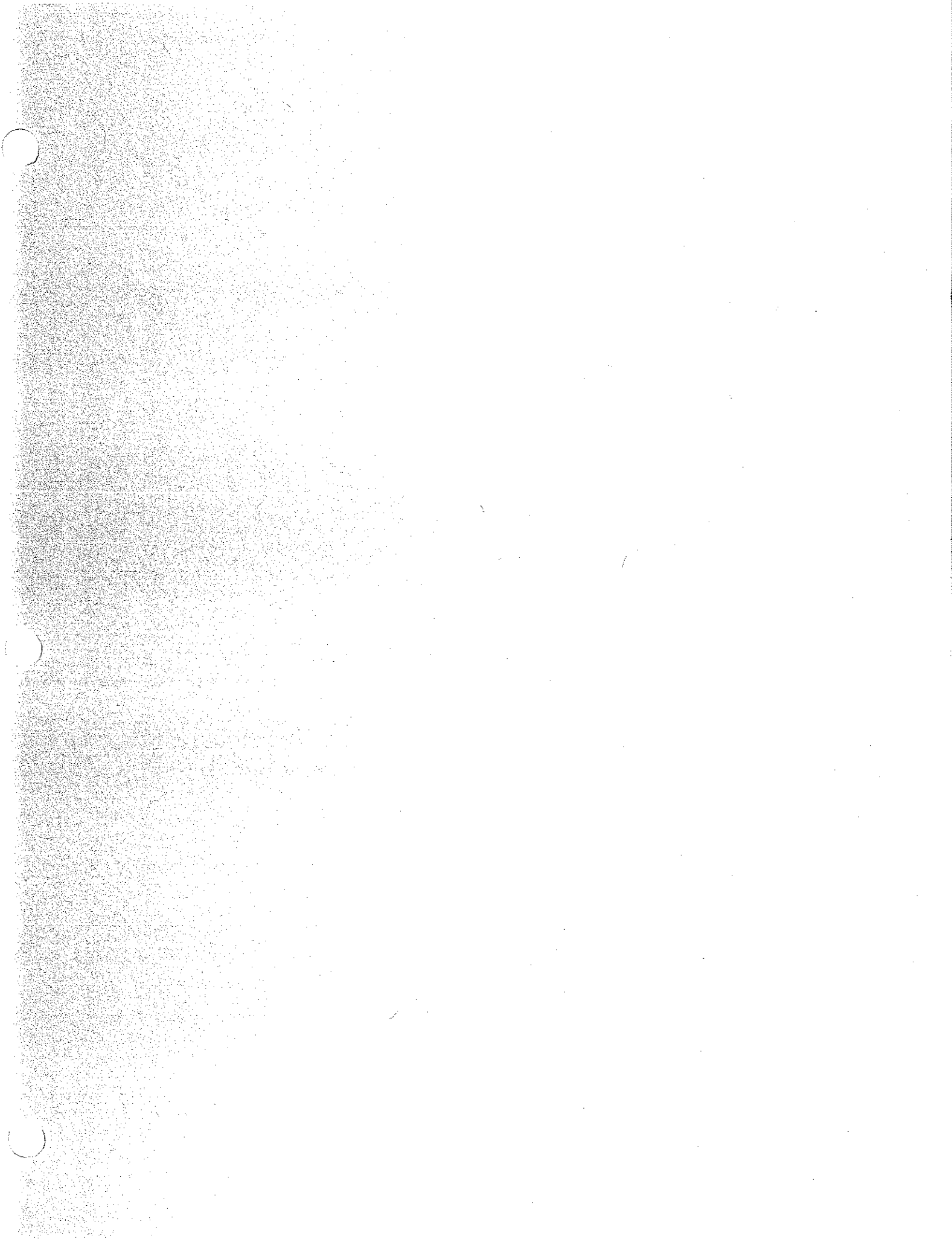
Rainfall for the Month of August 2003

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.01</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.02</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

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A handwritten signature in black ink, appearing to read "Paul E. Johnson". The signature is written in a cursive style with a long horizontal flourish extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-096



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

October 16, 2003
Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

OCT 22 2003

<input type="checkbox"/> CK	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> LGR	✓ 11/14/03
<input type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD	
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EUL	

AMN 10/27/03

Dear Mr. Reed:

Enclosed is the September 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF SEPTEMBER 2003

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

<u>Rainfall</u>	<u>Ash Deposited</u>	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1-6	00	.37 Inches
7-13	00 Yds.	.12
14-20	00	.00
21-27	00	.05
28-30	00	.00
	<hr/> 00 Yds	<hr/> .54 Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

No water samples were required.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

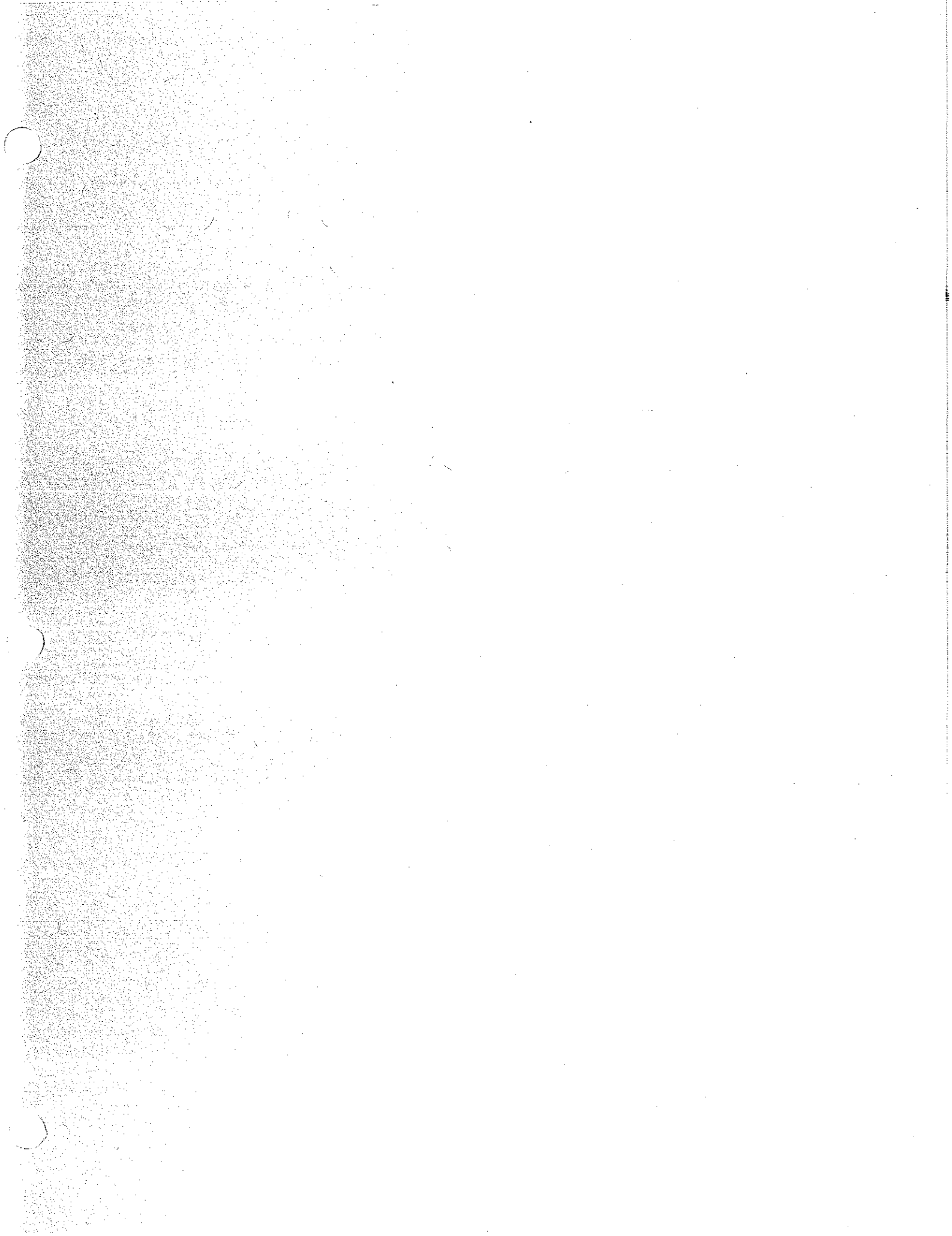
Rainfall for the Month of September 2003

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.30</u>
<u>4.</u>	<u>.04</u>
<u>5.</u>	<u>.03</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.01</u>
<u>8.</u>	<u>.04</u>
<u>9.</u>	<u>.07</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.02</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.03</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

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A handwritten signature in cursive script that reads "Paul E. Johnson". The signature is written in black ink and includes a long horizontal flourish extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-096



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651
RWQCB

November 20, 2003

REGION 1

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

NOV 24 2003

<input type="checkbox"/> CK	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> CEX
<input type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EUL

11/9/04
12/3/03

Dear Mr. Reed:

Enclosed is the October 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF OCTOBER 2003

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

<u>Rainfall</u>	<u>Ash Deposited</u>	<u>Details</u>
<u>Week of</u>	<u>North Area</u>	
1-4	00	.00 Inches
5-11	00 Yds.	.00
12-18	00	.00
19-25	00	.00
26-31	00	.00
	<hr/> 00 Yds	<hr/> .00 Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

No water samples were required.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of October 2003

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

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A handwritten signature in black ink, appearing to read "Paul E. Johnson", with a long horizontal line extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-096



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

December 17, 2003

RWQCB
REGION 1

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

DEC 19 2003

<input type="checkbox"/> CK	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> KAD
<input type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> EKL
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EJJ

1/7/04

Dear Mr. Reed:

Enclosed is the November 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF NOVEMBER 2003

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

<u>Rainfall</u>	<u>Ash Deposited</u>	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1	00	.00 Inches
2 -8	00 Yds.	1.40
9-15	00	1.70
16-22	00	.25
23-29	00	1.14
30-31	00	.15
	<u>00 Yds</u>	<u>4.64Inches</u>

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

No water samples were required.

Deposition

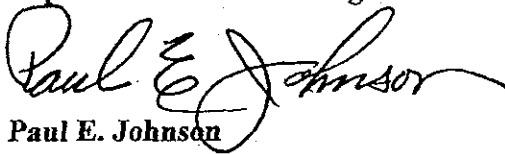
There has been no sludge hauled from the Mendocino City Community Services District.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of November 2003

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.11</u>
<u>3.</u>	<u>.24</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.07</u>
<u>6.</u>	<u>.11</u>
<u>7.</u>	<u>.14</u>
<u>8.</u>	<u>.73</u>
<u>9.</u>	<u>.43</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.40</u>
<u>15.</u>	<u>.87</u>
<u>16.</u>	<u>.08</u>
<u>17.</u>	<u>.10</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.07</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.02</u>
<u>26.</u>	<u>.18</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.07</u>
<u>29.</u>	<u>.87</u>
<u>30.</u>	<u>.15</u>
<u>31.</u>	<u>.00</u>

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A handwritten signature in cursive script that reads "Paul E. Johnson". The signature is written in black ink and is positioned above the printed name and title.

**Paul E. Johnson
Plant Superintendent**

96-096



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

January 14, 2004

RWQCB
REGION 1

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

JAN 16 2004

<input type="checkbox"/> CK	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> <i>NW 1/21/04</i>
<input type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> HPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EIL

CER 2/5/04

Dear Mr. Reed:

Enclosed is the December 2003 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF DECEMBER 2003

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1-6	00	2.37 Inches
7-13	00 Yds.	4.68
14-20	00	1.33
21-27	00	1.68
28-31	00	.18
	00	
	<u>00 Yds</u>	<u>10.24Inches</u>

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

No water samples were required.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of December 2003

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.48</u>
<u>2.</u>	<u>.08</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.15</u>
<u>5.</u>	<u>.40</u>
<u>6.</u>	<u>1.26</u>
<u>7.</u>	<u>.26</u>
<u>8.</u>	<u>.02</u>
<u>9.</u>	<u>.30</u>
<u>10.</u>	<u>.51</u>
<u>11.</u>	<u>1.08</u>
<u>12.</u>	<u>.64</u>
<u>13.</u>	<u>1.87</u>
<u>14.</u>	<u>.80</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.33</u>
<u>20.</u>	<u>.20</u>
<u>21.</u>	<u>.32</u>
<u>22.</u>	<u>.58</u>
<u>23.</u>	<u>.27</u>
<u>24.</u>	<u>.12</u>
<u>25.</u>	<u>.35</u>
<u>26.</u>	<u>.04</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.10</u>
<u>29.</u>	<u>.07</u>
<u>30.</u>	<u>.01</u>
<u>31.</u>	<u>.00</u>

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A handwritten signature in black ink, appearing to read "Paul E. Johnson", with a long horizontal flourish extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-096



Georgia-Pacific Corporation
Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

February 24, 2004

RWQCB
REGION 1

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

MAR - 1 2004 4/7/04
 CK FCR LFC
 RLT LGR KAD
 NPQ RSG EJJ
3/3/04

Dear Mr. Reed:

Enclosed is the January 2004 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

RWQCB
REGION 1

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

MAR - 1 2004

CK FCR
 RLT LGR KAD
 NPO RSG E.JL

Rainfall for the Month of January 2004

<u>DAY</u>	<u>RAINFALL</u>
1.	2.16
2.	.58
3.	.06
4.	.10
5.	.00
6.	.05
7.	.25
8.	.77
9.	.84
10.	.03
11.	.00
12.	.13
13.	.00
14.	.50
15.	.10
16.	.00
17.	.00
18.	.00
19.	.10
20.	.00
21.	.00
22.	.00
23.	.05
24.	.42
25.	.00
26.	.03
27.	.60
28.	.03
29.	.00
30.	.30
31.	.00

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF JANUARY 2004

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1-3	00	2.80 Inches
4-10	00 Yds.	2.04
11-17	00	.73
18-24	00	.57
25-31	00	.96
	00 Yds	7.10Inches

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

Water samples were taken for COD & ph

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

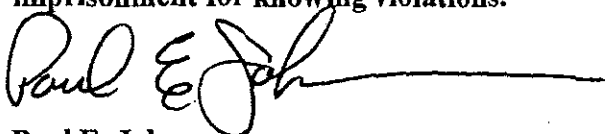
Location	N. Pond			
Date	08-Jan	15-Jan	22-Jan	29-Jan
PH	6.8	6.7	6.7	6.6
COD	N/A	N/A	< 10 mg/l	N/A

Location	S.Pond			
Date	08-Jan	15-Jan	22-Jan	29-Jan
PH	6.7	6.6	6.6	6.5
COD	N/A	N/A	21 mg/l	N/A

Location	N.Road			
Date	08-Jan	15-Jan	22-Jan	29-Jan
PH	6.8	6.7	6.6	6.6
COD	N/A	N/A	< 10 mg/l	N/A

Location	S.Road			
Date	08-Jan	15-Jan	22-Jan	29-Jan
PH	6.6	6.5	6.5	6.6
COD	N/A	N/A	11 mg/l	N/A

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A handwritten signature in black ink, appearing to read "Paul E. Johnson", with a long horizontal line extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-096
WDES



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

[Handwritten signature]
3/30/04

March 25, 2004

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1
MAR 29 2004
 CK FCR
 RLT LGR KAD
 NPO RSG E.J.L.

CRK 4/2/04

Dear Mr. Reed:

Enclosed is the February 2004 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of February 2004

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.17</u>
<u>2.</u>	<u>.68</u>
<u>3.</u>	<u>1.43</u>
<u>4.</u>	<u>.07</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.52</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.18</u>
<u>14.</u>	<u>.03</u>
<u>15.</u>	<u>.80</u>
<u>16.</u>	<u>1.29</u>
<u>17.</u>	<u>1.57</u>
<u>18.</u>	<u>.75</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.04</u>
<u>23.</u>	<u>.03</u>
<u>24.</u>	<u>.64</u>
<u>25.</u>	<u>1.04</u>
<u>26.</u>	<u>.42</u>
<u>27.</u>	<u>.10</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF FEBRUARY 2004

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1-7	00	2.87 Inches
8-14	00 Yds.	.21
15-21	00	4.41
22-28	00	2.27
29	00	.00
	00	
	<u>00 Yds</u>	<u>9.76 Inches</u>

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

Water samples were taken for Ph.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

Location	N. Pond			
Date	06-Feb	13-Feb	20-Feb	27-Feb
PH	6.8	6.9	6.7	6.8
COD	N/A	N/A	N/A	N/A

Location	S.Pond			
Date	06-Feb	13-Feb	20-Feb	27-Feb
PH	6.8	6.7	6.7	6.5
COD	N/A	N/A	N/A	N/A

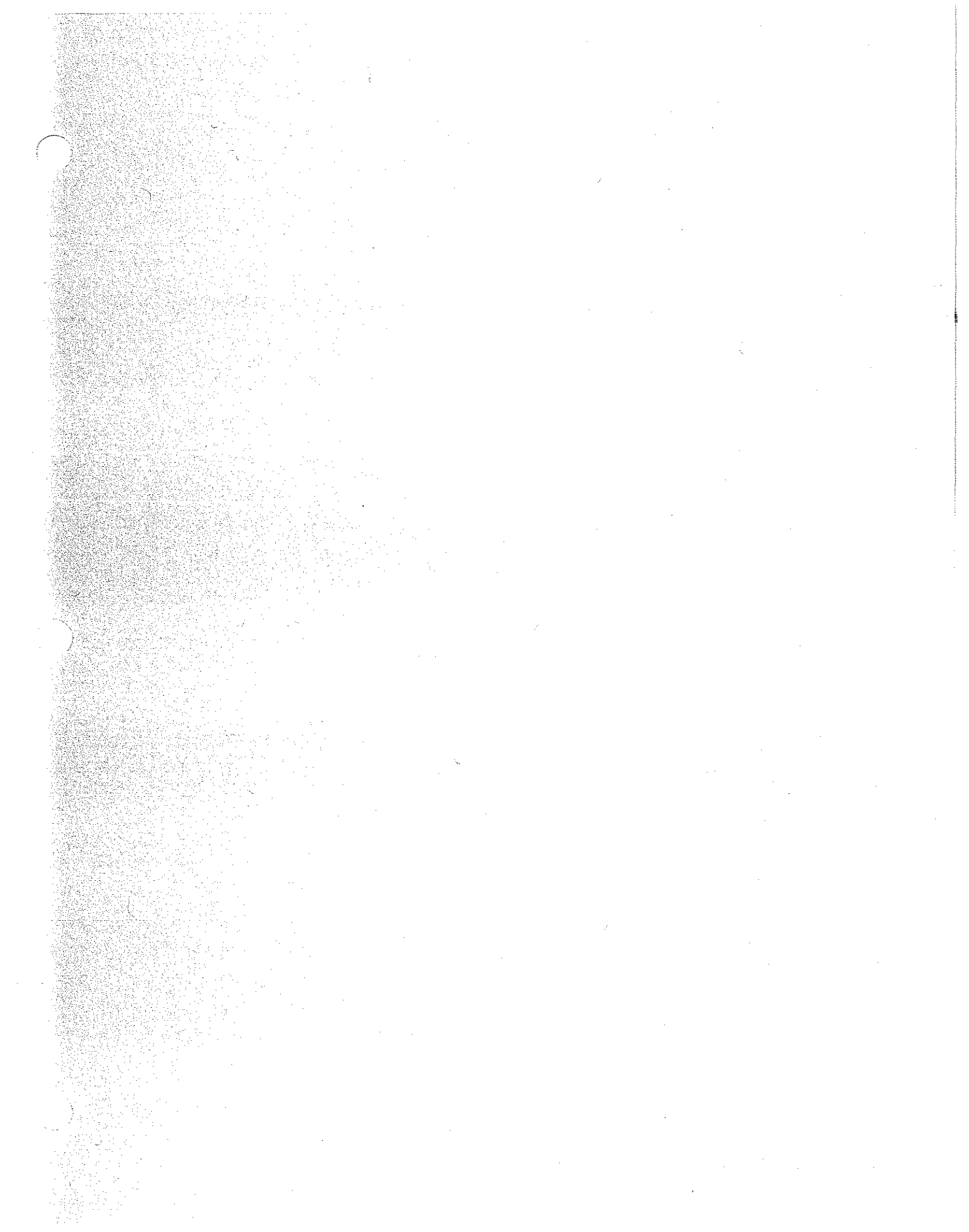
Location	N.Road			
Date	06-Feb	13-Feb	20-Feb	27-Feb
PH	6.9	6.9	6.8	6.7
COD	N/A	N/A	N/A	N/A

Location	S.Road			
Date	06-Feb	13-Feb	20-Feb	27-Feb
PH	6.7	6.8	6.7	6.9
COD	N/A	N/A	N/A	N/A

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A handwritten signature in cursive script that reads "Paul E. Johnson". The signature is written in black ink and is positioned above the printed name and title.

**Paul E. Johnson
Plant Superintendent**





Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

April 21, 2004

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

APR 28 2004 *5/7/04*

<input type="checkbox"/> CK	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> <i>CEH</i>
<input type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> E.JL

Dear Mr. Reed:

Enclosed is the March 2004 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of March 2004

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.17</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.03</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.06</u>
<u>24.</u>	<u>.07</u>
<u>25.</u>	<u>.76</u>
<u>26.</u>	<u>.18</u>
<u>27.</u>	<u>.39</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.20</u>
<u>31.</u>	<u>.00</u>

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF MARCH 2004

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1-6	00	.20 Inches
7-13	00 Yds.	.00
14-20	00	.00
21-27	00	1.46
28-31	00	.20
	00 <u>Yds</u>	<u>1.86 Inches</u>

The total number of treated acres to date = 180.00 acres

Water Monitoring and Testing

Water samples were taken for Ph. & COD

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

Location	N. Pond				
Date	04-Mar	11-Mar	18-Mar	25-Mar	31-Mar
PH	6.8	6.7	6.8	6.8	6.9
COD	N/A	N/A	N/A	N/A	42 mg/l

Location	S. Pond				
Date	04-Mar	11-Mar	18-Mar	25-Mar	31-Mar
PH	6.8	6.6	6.7	6.6	6.7
COD	N/A	N/A	N/A	N/A	41 mg/l

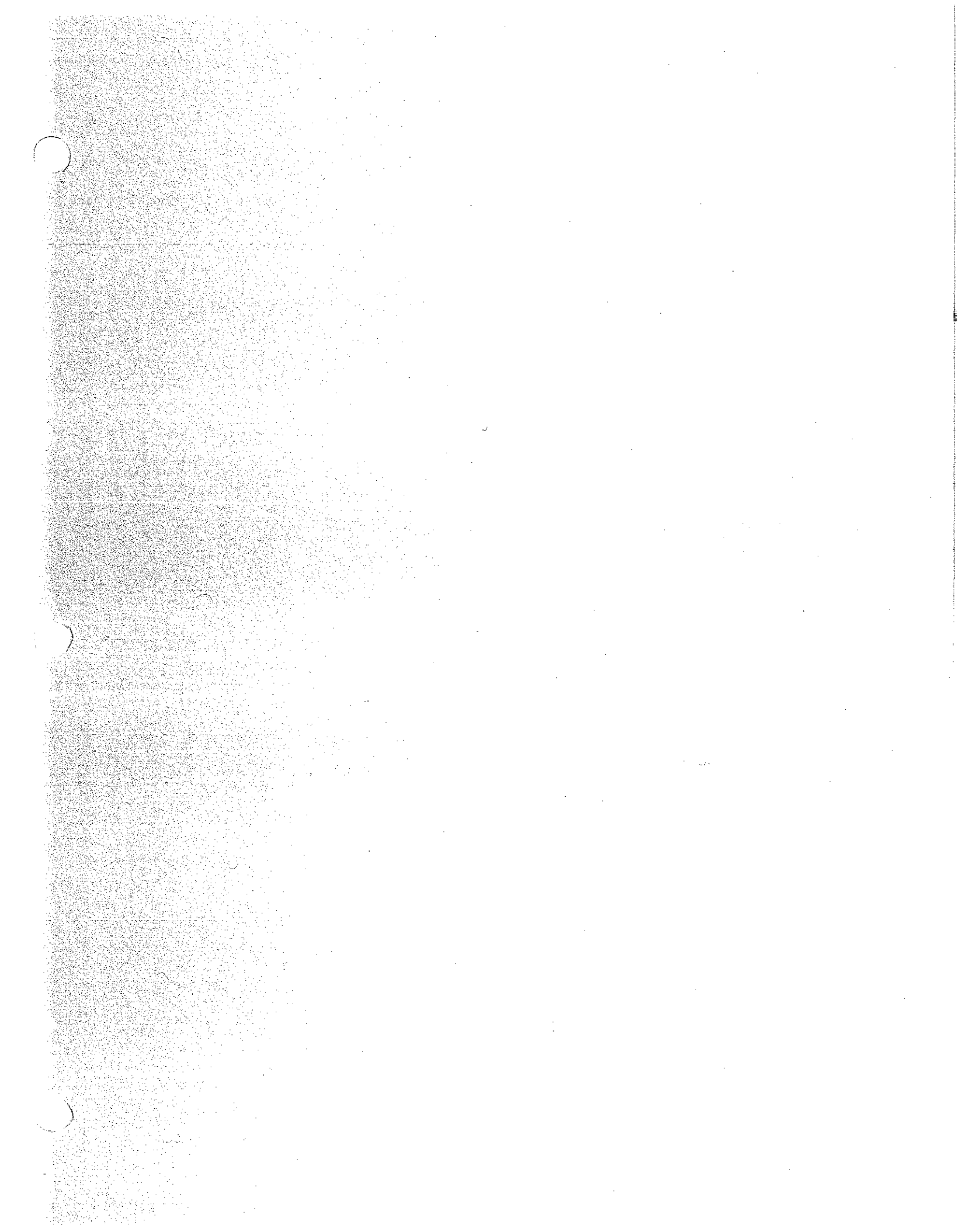
Location	N. Road				
Date	04-Mar	11-Mar	18-Mar	25-Mar	31-Mar
PH	6.5	6.6	6.4	6.5	6.4
COD	N/A	N/A	N/A	N/A	31mg/l

Location	S. Road				
Date	04-Mar	11-Mar	18-Mar	25-Mar	31-Mar
PH	6.3	6.4	6.4	6.3	6.2
COD	N/A	N/A	N/A	N/A	110 mg/l

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A handwritten signature in black ink, appearing to read "Paul E. Johnson", with a long horizontal flourish extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-096
w0es



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

May 24, 2004
Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

[Handwritten signature]
6/2/04

Dear Mr. Reed:

Enclosed is the April 2004 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

[Handwritten signature: Doug Heitmeyer]

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

RWQCB
REGION 1

JUN - 1 2004

<input type="checkbox"/> CK	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> JCS
<input checked="" type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> EJI

[Handwritten initials]
6/30/04

RWQCB
REGION 1

JUN - 1 2004

GEORGIA-PACIFIC WEST, INC.

90 W. Redwood Avenue

Fort Bragg, CA 95437

(707) 964-5651

CK _____ FCR _____ _____
 RET _____ LGR _____ K&D _____
 NPO _____ RSG _____ E.JL _____

Rainfall for the Month of April 2004

<u>DAY</u>	<u>RAINFALL</u>
1.	.00
2.	.00
3.	.00
4.	.00
5.	.00
6.	.00
7.	.00
8.	.00
9.	.00
10.	.00
11.	.00
12.	.00
13.	.16
14.	.28
15.	.24
16.	.00
17.	.00
18.	.15
19.	.18
20.	.13
21.	.44
22.	.00
23.	.00
24.	.00
25.	.00
26.	.00
27.	.00
28.	.00
29.	.00
30.	.00
31.	.00

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF APRIL 2004

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1-3	00	.00 Inches
4-10	00 Yds.	.00
11-17	00	.68
18-24	00	.90
25-30	00	.00
	00	
	<u>00 Yds</u>	<u>1.58 Inches</u>

The total number of treated acres to date = 180.00 acres

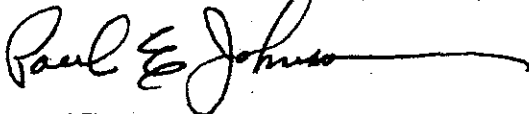
Water Monitoring and Testing

No water samples were taken.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

“ I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

A handwritten signature in black ink that reads "Paul E. Johnson". The signature is written in a cursive style with a long horizontal flourish extending to the right.

**Paul E. Johnson
Plant Superintendent**



96-96
WOR



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

J 7/8/04

June 21, 2004

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

JUN 30 2004

<input type="checkbox"/> CK	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/>
<input type="checkbox"/> FLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> E.J.L.

Lavi
cen 7/14/04

Dear Mr. Reed:

Enclosed is the May 2004 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of May 2004

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.09</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.00</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.14</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

GEORGIA-PACIFIC McGUIRE RANCH REPORT

MONTH OF MAY 2004

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1	00	.00 Inches
2-8	00 Yds.	.09
9-15	00	.00
16-22	00	.00
23-29	00	.14
30-31	00	.00
	<u>00 Yds</u>	<u>.23 Inches</u>

The total number of treated acres to date = 180.00 acres

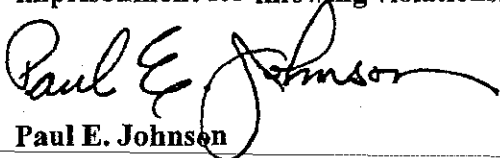
Water Monitoring and Testing

No water samples were taken.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A handwritten signature in cursive script that reads "Paul E. Johnson". The signature is written in black ink and is positioned above the printed name and title.

Paul E. Johnson
Plant Superintendent



96-096
WPR



Georgia-Pacific Corporation

Georgia-Pacific West, Inc.
A wholly owned subsidiary

90 West Redwood Avenue
Fort Bragg, California
95437-3471
Telephone (707) 964-5651

July 1, 2004

Mr. Charles Reed
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

RWQCB
REGION 1

4/18/02

JUL 02 2004

<input type="checkbox"/> CK	<input type="checkbox"/> FCR	<input checked="" type="checkbox"/> S
<input type="checkbox"/> RLT	<input type="checkbox"/> LGR	<input type="checkbox"/> KAD
<input type="checkbox"/> NPO	<input type="checkbox"/> RSG	<input type="checkbox"/> E.J.

Law
WPR 7/14/04

Dear Mr. Reed:

Enclosed is the June 2004 Monitoring Report for Georgia-Pacific West, Inc. at Fort Bragg (McGuire Ranch) California, as per our Monitoring and Reporting Program No. 96-96.

We are using the drainage controls and management practices outlined in Order NO. 96-96 of our Waste Discharge Requirements, which consists of retention of a minimum 50 foot buffer between incorporation activities and any watercourse.

If you have any questions, please contact me at 961-3353.

Sincerely,

Doug Heitmeyer
Environmental Coordinator
Fort Bragg Operations

cc: Paul Johnson

GEORGIA-PACIFIC WEST, INC.
90 W. Redwood Avenue
Fort Bragg, CA 95437
(707) 964-5651

Rainfall for the Month of June 2004

<u>DAY</u>	<u>RAINFALL</u>
<u>1.</u>	<u>.00</u>
<u>2.</u>	<u>.00</u>
<u>3.</u>	<u>.00</u>
<u>4.</u>	<u>.00</u>
<u>5.</u>	<u>.00</u>
<u>6.</u>	<u>.00</u>
<u>7.</u>	<u>.00</u>
<u>8.</u>	<u>.00</u>
<u>9.</u>	<u>.00</u>
<u>10.</u>	<u>.00</u>
<u>11.</u>	<u>.00</u>
<u>12.</u>	<u>.00</u>
<u>13.</u>	<u>.00</u>
<u>14.</u>	<u>.00</u>
<u>15.</u>	<u>.00</u>
<u>16.</u>	<u>.00</u>
<u>17.</u>	<u>.00</u>
<u>18.</u>	<u>.00</u>
<u>19.</u>	<u>.02</u>
<u>20.</u>	<u>.00</u>
<u>21.</u>	<u>.00</u>
<u>22.</u>	<u>.00</u>
<u>23.</u>	<u>.00</u>
<u>24.</u>	<u>.00</u>
<u>25.</u>	<u>.00</u>
<u>26.</u>	<u>.00</u>
<u>27.</u>	<u>.00</u>
<u>28.</u>	<u>.00</u>
<u>29.</u>	<u>.00</u>
<u>30.</u>	<u>.00</u>
<u>31.</u>	<u>.00</u>

GEORGIA-PACIFIC MCGUIRE RANCH REPORT

MONTH OF JUNE 2004

Monitoring and Reporting Order No. 96 - 96, Soil Amending Project

Rainfall	Ash Deposited	
<u>Week of</u>	<u>North Area</u>	<u>Details</u>
1-5	00	.00 Inches
6-12	00 Yds.	.00
13-19	00	.02
20-26	00	.00
27-30	00	.00
	00	.00
	<u>00 Yds</u>	<u>.02 Inches</u>

The total number of treated acres to date = 180.00 acres


Water Monitoring and Testing

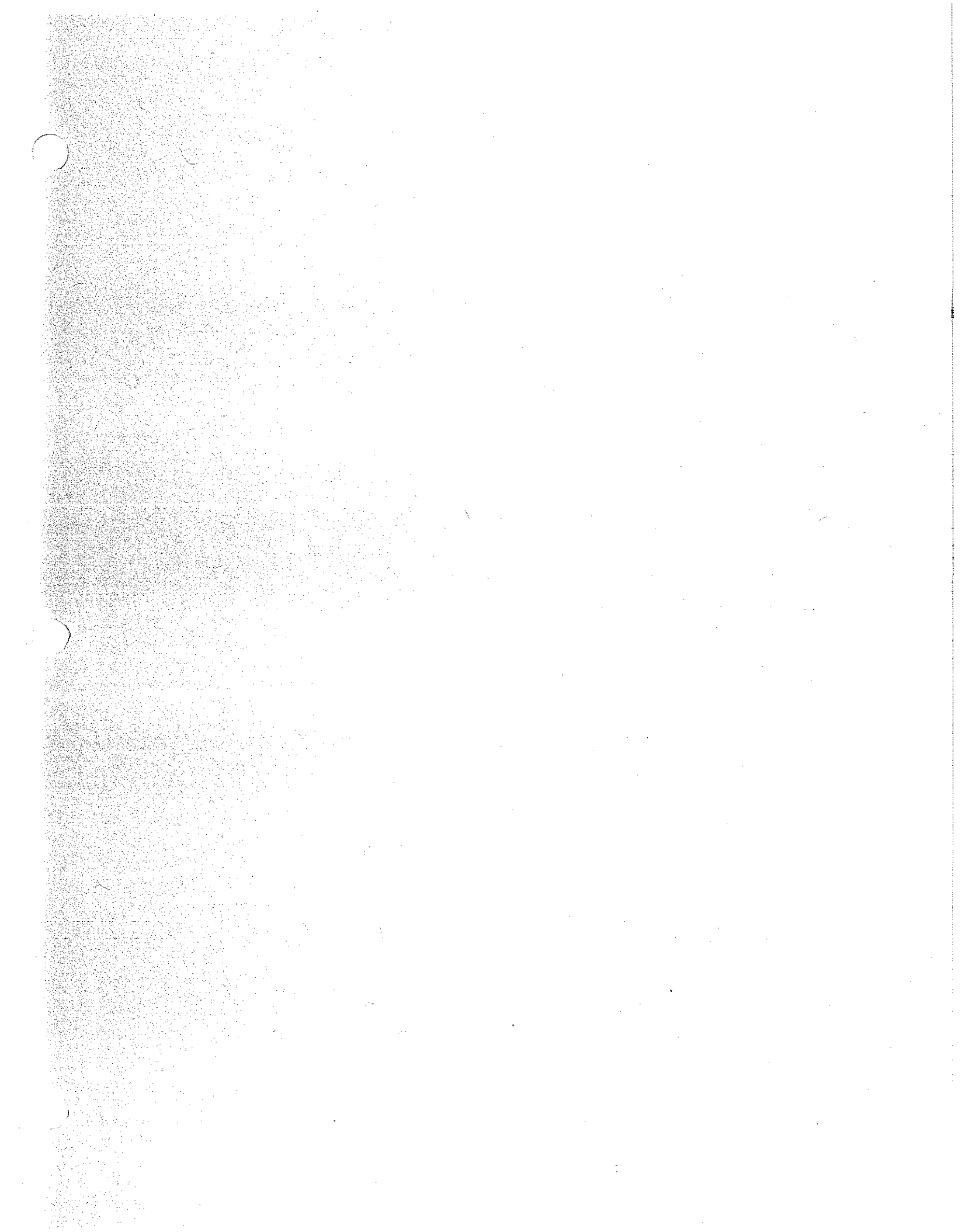
No water samples were taken.

Deposition

There has been no sludge hauled from the Mendocino City Community Services District.

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Paul E. Johnson
Plant Superintendent





Exponent
1970 Broadway, Suite 250
Oakland, CA 94612

telephone 510-208-2000
facsimile 510-208-2039
www.exponent.com

September 2, 2004

Julie Raming, P.G.
Georgia-Pacific Corporation
133 Peachtree Street, N.E.
Atlanta, Georgia 30303
Subject: GP Wood Products Manufacturing Division – Fort Bragg
Project No. 8601936.014

Dear Ms. Raming:

At the request of counsel, Exponent has reviewed sampling data associated with the Georgia-Pacific California Wood Products Manufacturing Division site located in Fort Bragg, California (hereafter referred to as the Fort Bragg sawmill). Our review focused on potential sources of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (PCDD/Fs) and other PCDD/F-like compounds (i.e., coplanar polychlorinated biphenyls [PCBs]) and available data to assess the presence of PCDD/Fs and PCDD/F-like compounds at the site. Materials reviewed as part of this evaluation included:

- Georgia-Pacific Corporation. 1989. TCDF study on fly ash amended soil and related environmental vectors. Little Valley Site, Fort Bragg, California. December.
- Enseco. 1990a. Letter to Gerald Tice, Georgia Pacific, from Michael J. Miller, regarding analytical results for ash samples from Fort Bragg-Little Valley project. June 25.
- Enseco. 1990b. Letter to Gerald Tice, Georgia Pacific, from Michael J. Miller, regarding analytical results for fish samples from Fort Bragg-Little Valley project. July 5.
- Enseco. 1990c. Letter to Gerald Tice, Georgia Pacific, from Michael J. Miller, regarding analytical results for sediment samples from Fort Bragg-Little Valley project. July 11.
- RWQCB. 1990. Executive Officer's Summary Report regarding Waste Discharge Requirements for Georgia-Pacific Corporation, application of woodwaste ash as soil amendment, Fort Bragg, Mendocino County. August 16.

- TRC. 2004a. Phase I Environmental Site Assessment. Georgia-Pacific California Wood Products Manufacturing Division, 90 West Redwood Avenue, Fort Bragg, California. March.
- TRC. 2004b. Phase II Environmental Site Assessment. Georgia-Pacific California Wood Products Manufacturing Division, 90 West Redwood Avenue, Fort Bragg, California. May.
- RWQCB. 2004. Letter to Julie B. Raming, Georgia-Pacific Corporation, from Craig Hunt, regarding site assessment comments for portions of site. Georgia-Pacific California Wood Products Manufacturing Division, 90 West Redwood Avenue, Fort Bragg, California. California Regional Water Quality Control Board, North Coast Region. August 12.
- Curtis & Tompkins, Ltd. 2004. Analytical data sheets for supplemental Phase II samples. Georgia-Pacific California Wood Products Manufacturing Division, 90 West Redwood Avenue, Fort Bragg, California.

As discussed further below, there are five potential sources of PCDD/Fs or PCDD/F-like compounds at the site: 1) flyash from the power house, which was historically used as a soil amendment at an offsite location; 2) bottom ash from the power house, which was placed on site; 3) limited open burning on site, 4) PCBs historically used in electrical transformers; and 5) limited use of wood treatment chemicals such as pentachlorophenol. Based on our review, the available data suggest that the PCDD/F concentrations in the flyash are very low and consistent with PCDD/F concentrations in rural background settings. No data are available to assess the potential presence of PCDD/Fs in the bottom ash or as a result of open burning. Collection of a limited number of samples would address these potential sources. Finally, the much more extensive data available for PCBs and chlorinated phenols suggest that PCDD/Fs or PCDD/F-like compounds are unlikely to be present at the site as a result of historical use of these chemicals.

Existing PCDD/F Data at the Fort Bragg Sawmill

Georgia-Pacific evaluated the use of flyash from the Fort Bragg sawmill power house as a soil amendment in the late 1980s and early 1990s (Georgia-Pacific Corporation 1989; RWQCB 1990). As part of this program, samples of flyash, sediment, and fish were collected from the offsite location where flyash was being stockpiled and used as a soil amendment (Little Valley site) and analyzed for PCDD/Fs (Enseco 1990a,b,c). The Regional Water Quality Control Board (RWQCB) used these results to estimate 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) toxicity equivalent (TEQ) concentrations in each of these samples (RWQCB 1990). TEQ concentrations are estimated by multiplying the concentrations of individual PCDD/F

congeners by congener-specific toxicity equivalent factors (TEFs). TEFs are derived based on the toxicity of a given congener relative to the toxicity of 2,3,7,8-TCDD, which is considered to be the most toxic and most well studied of the PCDD/F congeners (U.S. EPA 2000). The TEQ concentrations reported by the RWQCB were as follows:

Medium	Location	TEQ (ng/kg)
Ash	Stockpile	3.83
	Stockpile	3.02
Fish	Upstream of amended areas	0.01
	Downstream of amended areas	0.03
Sediment	Upstream, 0-2 in.	0.15
	Upstream, 2-4 in.	0.07
	Downstream, 0-2 in.	0.03
	Downstream, 2-4 in.	0.06

The RWQCB concluded that all samples from this survey contained low levels of PCDD/Fs and that the concentrations in both fish and sediment were near background levels (RWQCB 1990). A review of the literature identified several studies of ash and soot from residential fireplaces reporting TEQ concentrations ranging from less than 10 to several thousand nanograms per kilogram (ng/kg) (U.S. EPA 2000). A more detailed discussion of this and other sources of PCDD/Fs in the environment is presented in Attachment 1.

Since the RWQCB issued their report, more recent TEFs have been published by the World Health Organization (WHO) (Van den Berg et al. 1998) and endorsed by the U.S. Environmental Protection Agency (U.S. EPA 2000). Therefore, Exponent re-calculated the TEQ concentrations for the two flyash samples, which contained the highest PCDD/F concentrations of the samples analyzed. Because many of the congeners were not detected in these samples, TEQs were calculated assuming that: 1) undetected congeners were present at concentrations equal to one-half of the reported detection limits; and 2) the undetected congeners were not present (i.e., concentration was assumed to be zero). As shown in Table 1, the re-calculated TEQ concentrations for the two flyash samples were 9.8 ng/kg and 16 ng/kg assuming that undetected congeners were present at one-half of the reported detection limit. If a value of zero was used for the undetected congeners, the TEQ concentrations were 3.8 and 3.1 ng/kg, respectively. These values are essentially the same as those reported by the RWQCB in 1990, indicating that the updated TEFs should not affect the RWQCB's original conclusions regarding the available data.

Comparison of Existing PCDD/F Data with Background Concentrations, Risk-Based Concentrations, and Cleanup Levels

To put the existing PCDD/F data into perspective, Exponent compared the flyash and sediment data to background concentrations of PCDD/Fs in soil, risk-based concentrations, and target cleanup levels developed by various regulatory agencies. The results of these comparisons are summarized in Table 2 and discussed in more detail in the following sections.

Comparison with Background Concentrations

PCDD/Fs are found in rural and urban soils as a result of numerous sources of these chemicals in the environment (see Attachment 1). To identify samples that could be considered representative of "background," U.S. EPA reviewed soil sampling data from across the U.S. (U.S. EPA 2000). These data came from a variety of studies using different protocols and having different detection limits. In total, EPA identified 262 samples that are considered representative of "background" concentrations for rural areas, and 171 samples that are considered representative of "background" concentrations for urban areas. Based on these data, EPA estimated weighted mean concentrations of 3.1 ng/kg TEQ and 7.6 ng/kg TEQ for rural and urban background soils, respectively. These TEQ values were derived assuming that the undetected congeners were not present; i.e., the TEQ was calculated assuming that the concentration of undetected congeners was zero (U.S. EPA 2000). As shown in Table 2, the TEQ concentrations estimated for the two flyash samples, calculated using an approach consistent with that used in the derivation of the EPA values (i.e., assuming that the undetected congeners were not present), are essentially the same as EPA's estimated value for rural background, and less than EPA's estimated value for urban background. Further, the estimated TEQ concentrations for both the upstream and downstream sediment samples are well below both rural and urban background concentrations. Therefore, the flyash and sediment data collected in 1990 suggest that the PCDD/F concentrations in flyash are consistent with PCDD/F concentrations in rural background settings, and that use of the ash as a soil amendment does not appear to have affected sediments downstream of the amended areas.

Comparison with EPA Risk-Based Concentrations

EPA Region IX has calculated preliminary remediation goals (PRGs) for 2,3,7,8 TCDD for residential or industrial land use (U.S. EPA 2004). PRGs combine current EPA toxicity values with standard exposure factors to estimate concentrations in environmental media (e.g., soil) that are protective of human health, including sensitive subgroups, over a lifetime. If chemicals are present at concentrations below the PRGs, then exposure to these chemicals should not result in adverse health effects. The presence of chemicals at concentrations exceeding PRGs does not indicate that adverse health effects will occur, but "suggests that further evaluation of the potential risks that may be posed by site contaminants is appropriate" (U.S. EPA 2004).

PRGs for residential and industrial land use assume continuous and long-term exposure to chemicals in affected soil via ingestion, dermal contact, and inhalation of particulates or vapors.

The EPA Region IX PRGs for 2,3,7,8-TCDD are 3.9 ng/kg and 16 ng/kg for residential and industrial soil, respectively. As shown in Table 2, the concentration of 2,3,7,8-TCDD in the two flyash samples was 2.5 and 1.9 ng/kg, both of which are less than the Region IX PRGs. The estimated TEQs for the two flyash samples were 9.8 ng/kg and 16 ng/kg assuming that the undetected congeners were present at concentrations equal to one-half of the reported detection limit, and 3.8 ng/kg and 3.1 ng/kg assuming that the undetected congeners were not present (see Table 2). Thus, the TEQ concentrations in the two flyash samples are equal to or lower than the industrial PRG of 16 ng/kg when the TEQ is calculated assuming one-half the detection limit for undetected congeners, and below the residential PRG of 3.9 ng/kg when the TEQ is calculated assuming that undetected congeners are not present. Further, the estimated TEQs for the sediment samples are much lower than both the industrial and residential PRGs.

Comparison with ATSDR Screening Value and EPA Cleanup Levels

The Agency for Toxic Substances Disease Registry (ATSDR) considers a TEQ concentration of 50 ng/kg as the starting point in considering whether some evaluation is needed for residential sites (ATSDR 1997). In their evaluation, ATSDR considered all toxicological data available at that time and concluded that, for residential soils, concentrations up to 50 ng/kg TEQ would be protective for all potential adverse effects. ATSDR also identified an "evaluation level" for PCDD/Fs in the range of 50 to 1,000 ng/kg TEQ, where ATSDR recommends that site-specific factors such as bioavailability, climate, community concerns, and other factors be considered in determining whether any additional evaluation, or further protective measures, are needed. The value 1,000 ng/kg TEQ was identified by ATSDR as an "action level," above which potential public health measures should be considered. As shown in Table 2, all of the estimated TEQ concentrations for the flyash and sediment samples, regardless of the manner in which undetected congeners were treated in the calculations, are well below these screening, evaluation, and action levels identified by ATSDR.

TEQ concentrations in site data are also well below EPA's target cleanup levels of 1,000 to 20,000 ng/kg TEQ in soil (see Table 2). EPA outlines these levels in their 1998 Superfund directive (U.S. EPA 1998) as follows:

[1,000 ng/kg] (TEQs, or toxicity equivalents) is to be generally used as a starting point for setting cleanup levels for CERCLA removal sites and as a PRG for remedial sites for dioxin in surface soil involving a residential exposure scenario. For commercial / industrial exposure scenarios, a soil level within the range of [5,000 to 20,000 ng/kg] (TEQs) should generally be used as a starting point for setting cleanup levels at CERCLA removal sites and as a PRG for remedial sites

for dioxin in surface soil. These levels are recommended unless extenuating site-specific circumstances warrant a different level.¹
(<http://www.epa.gov/superfund/resources/remedy/pdf/92-00426-s.pdf>)

EPA goes on to indicate that these levels are derived based on direct contact with soils, rather than bioaccumulation in the food chain. EPA then states:

While the focus of this directive is on soils, these recommended levels also apply to sediments in the event that this environmental medium is considered to be a *direct exposure pathway for human receptors.*

EPA states that, where states take the lead in cleanups, more stringent levels may need to be applied, but EPA indicates that this should occur only "where evidence exists that risks posed by the site differ from risks estimated using standard national default guidance values." Thus, the EPA default cleanup levels are clearly intended to be applied in most cases.

Other Possible Sources of PCDD/Fs or PCDD/F-like Compounds at the Fort Bragg Sawmill

Based on our review of the site history information presented in the Phase I and Phase II Environmental Site Assessments (TRC 2004a,b), there are four other possible sources of PCDD/Fs or PCDD/F-like compounds at the Fort Bragg sawmill: 1) bottom ash from the power house, which was placed on site; 2) limited open burning in one portion of the property; 3) PCBs associated with electrical transformers that had been present in several parcels across the site; and 4) limited use of wood treatment chemicals such as pentachlorophenol. As discussed above, the available data set for PCDD/Fs from the site is limited to a small number of flyash, sediment, and fish samples collected from an offsite location where flyash was stockpiled and used as a soil amendment. As also discussed above, PCDD/Fs were present in these samples at low concentrations that are similar to or below background concentrations for rural areas. No PCDD/F data have been collected from onsite locations to evaluate the potential presence of PCDD/Fs associated with the bottom ash or open burning. Therefore, collection of a limited number of samples from targeted onsite locations would address these potential sources.

Because some PCBs may be associated with dioxin-like toxicity, and historically, chlorinated phenols have been known to be contaminated with PCDDs or to create TCDD/Fs on combustion, we also reviewed the available site data for these chemicals. More than 150 soil samples have been collected from across the site and analyzed for PCBs (TRC 2004b; Curtis &

¹ "Dioxin" is PCDD/F expressed on a TEQ basis. A "PRG" is a preliminary remediation goal. "CERCLA" is the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. § 9601 *et seq.*

Tompkins 2004). The majority of these samples were collected from surface soil (upper 0.5 or 1.0 feet) in the immediate vicinity of former transformer locations (e.g., Parcels 3, 4, 5, 7, and 9). Samples were also collected at depth (2 to 8 feet below ground surface [ft bgs]) to determine whether PCBs had migrated through the surface soil. Surface and subsurface samples were also collected from parcels where transformers had not been used (e.g., Parcels 1, 2, 6, and 8). PCBs were detected in only three samples (out of a total of over 150 samples) at concentrations of 0.07, 0.089, and 0.14 milligrams per kilogram (mg/kg). These data suggest that PCDD/F-like compounds are unlikely to be present at the site as a result of the historical use of PCBs in electrical transformers.

More than 110 samples have been collected and analyzed for semivolatile compounds (SVOCs), including chlorinated phenols. These samples were collected from the majority of the parcels at the site to characterize impacts of a variety of historical land uses (e.g., former aboveground storage tanks, former underground storage tanks, residual ash material) both in surface (upper 0.5 to 1.0 ft) and subsurface (2 to 12 ft bgs) soil. Chlorinated phenols were not detected in any of these samples. These data suggest that PCDD/Fs or PCDD/F-like compounds are unlikely to be present at the site as a result of the limited use of wood treatment chemicals such as pentachlorophenol.

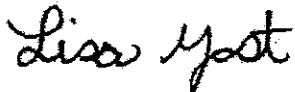
Conclusions

Five potential sources of PCDD/Fs were identified at the Fort Bragg sawmill: 1) flyash from the power house, which was used off site as a soil amendment; 2) bottom ash from the power house, which was placed on site; 3) limited open burning on site; 4) historical use of PCBs in electrical transformers; and 5) limited use of wood treatment chemicals such as pentachlorophenol. The available PCDD/F data from 1990 suggest that the use of flyash as a soil amendment did not contribute PCDD/Fs to onsite or offsite media at concentrations greater than cleanup levels established by EPA or risk-based concentrations for nonresidential soils. In fact, the concentrations of PCDD/Fs in the available samples do not indicate concentrations that exceed background concentrations established by EPA for rural or urban areas. The much more extensive data available for PCBs and chlorinated phenols also suggest that PCDD/Fs or PCDD/F-like compounds are unlikely to be present at the site as a result of historical use of these chemicals. The potential presence of PCDD/Fs as a result of placement of the bottom ash or open burning can be addressed by collecting a limited number of samples.

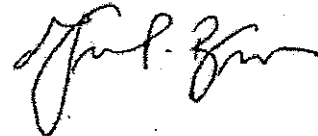
Julie Raming, P.G.
September 2, 2004
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Please feel free to contact either of us if you have any questions.

Sincerely,



Lisa J. Yost, M.P.H., DABT
Managing Scientist
(425) 519-8772



Gregory P. Brorby, DABT
Senior Managing Scientist
(510) 208-2006

Attachments (1)

cc: Julie Raming – Georgia-Pacific

References

- ATSDR. 1997. Dioxin and dioxin-like compounds in soil. Part I: ATSDR interim policy guidelines. Part II: Technical support document for ATSDR interim policy guideline. *J. Clean Tech.* 6(2):117-138.
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- Enseco. 1990b. Letter to Gerald Tice, Georgia Pacific, from Michael J. Miller, regarding analytical results for fish samples from Fort Bragg-Little Valley project. July 5.
- Enseco. 1990c. Letter to Gerald Tice, Georgia Pacific, from Michael J. Miller, regarding analytical results for sediment samples from Fort Bragg-Little Valley project. July 11.
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- TRC. 2004b. Phase II Environmental Site Assessment. Georgia-Pacific California Wood Products Manufacturing Division, 90 West Redwood Avenue, Fort Bragg, California. May.
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U.S. EPA. 2004. U.S. EPA Region 9 preliminary remediation goals. www.epa.gov/region09/waste/sfund/prg/. Accessed on August 27, 2004. Last updated in October, 2002. (Version 8). U.S. Environmental Protection Agency Region IX, San Francisco, CA.

Van den Berg, M., L. Birnbaum, A.T.C. Bosveld, B. Brunstrom, P. Cook, M. Feeley, J.P. Giesy, A. Hanberg, R. Hasegawa, S.W. Kennedy, T. Kubiak, J.C. Larsen, F.X. van Leeuwen, A.K. Liem, C. Nolt, R.E. Peterson, L. Poellinger, S. Safe, D. Schrenk, D. Tillitt, M. Tysklind, M. Younes, F. Waern, and T. Zacharewski. 1998. Toxic equivalency factors (TEFs) for PCBs, PCDDs, PCDFs for humans and wildlife. *Environ. Health Perspect.* 106:775-792.

Table 1: PCDD/F sample results for flyash at Fort Bragg sawmill

Chemical	Area: Fort Bragg		Fort Bragg	
	Sample ID:	Enseco ID 150832	Enseco ID 150834	Enseco ID 150834
	Date:	05/30/90	05/30/90	05/30/90
	units:	pg/g (ng/kg)	pg/g (ng/kg)	pg/g (ng/kg)
Medium:	Ash	Ash	Ash	Ash
DIOXINS				
	TEF			
1234678-HpCDD	0.01	9.6		9.2
123478-HxCDD	0.1	0.55 U		1.3 U
123678-HxCDD	0.1	1.4 U		1.6
123789-HxCDD	0.1	1.4 U		1.3 U
12378-PeCDD	1	7.7 U		18 U
2378-TCDD	1	2.5		1.9
OCDD	0.0001	30		35
TOTAL HpCDD		15		18
TOTAL HxCDD		8.0		8.8
TOTAL PeCDD		7.7 U		18 U
TOTAL TCDD		14		20.0
FURANS				
1234678-HpCDF	0.01	2.7		4.0 U
1234789-HpCDF	0.01	1.4 U		4.0 U
123478-HxCDF	0.1	2.2		1.7 U
123678-HxCDF	0.1	1.2		1.5
123789-HxCDF	0.1	0.43 U		0.35 U
12378-PeCDF	0.05	11 U		11 U
234678-HxCDF	0.1	1.2 U		1.7 U
23478-PeCDF	0.5	6.7 U		13 U
2378-TCDF	0.1	8.2		8.2
OCDF	0.0001	6.5		5.6 U
TOTAL HpCDF		8.6		4.0 U
TOTAL HxCDF		8.8		13
TOTAL PeCDF		46		100
TOTAL TCDF		140		170
	TEQ (½ dl)	9.8		16.0
	TEQ (dl=0)	3.8		3.1

- HpCDD - heptachlorodibenzo-*p*-dioxin
- HpCDF - heptachlorodibenzofuran
- HxCDD - hexachlorodibenzo-*p*-dioxin
- HxCDF - hexachlorodibenzofuran
- OCDD - octachlorodibenzo-*p*-dioxin
- OCDF - octachlorodibenzofuran
- PCDD/F - polychlorinated dibenzo-*p*-dioxin and dibenzofuran
- PeCDD - pentachlorodibenzo-*p*-dioxin
- PeCDF - pentachlorodibenzofuran
- TCDD - tetrachlorodibenzo-*p*-dioxin
- TCDF - tetrachlorodibenzofuran
- TEF - toxicity equivalent factor
- TEQ - toxicity equivalence based on data for 2,3,7,8-tetrachlorodibenzo-*p*-dioxin

^a TEQ calculations based on WHO TEFs provided in van den Berg et al. (1998).
Based on TEQs for mammals.

Table 2. Comparison of Fort Bragg sawmill samples with background concentrations, screening values, and cleanup values for TEQs in soil

Source	PCDDs/Fs TEQ (ng/kg)
Fort Bragg flyash sample results ^a	Sample 150832: 3.8 / (9.8) Sample 150834: 3.1 / (16.0)
Fort Bragg offsite sediment sample results ^b	0.06 to 0.15
EPA weighted average "background" soil concentrations for U.S. soils (U.S. EPA 2000) ^c	3.1 rural 7.6 urban
EPA Region IX PRG for residential soils (U.S. EPA 2004)	3.9
EPA Region IX PRG for industrial soils (U.S. EPA 2004)	16
ATSDR screening level (ATSDR 1997)	Less than or equal to 50
ATSDR evaluation levels (ATSDR 1997)	Greater than 50 but less than 1,000
ATSDR action level (ATSDR 1997)	Greater than or equal to 1,000
EPA action level for residential soil (U.S. EPA 1998)	1,000
EPA action levels for industrial soils (U.S. EPA 1998)	5,000–20,000

Note: ATSDR - Agency for Toxic Substances and Disease Registry
 EPA - U.S. Environmental Protection Agency
 PCDD/F - polychlorinated dibenzo-*p*-dioxin and polychlorinated dibenzofuran
 PRG - preliminary remediation goal
 TEF - toxicity equivalent factor
 TEQ - toxicity equivalent based on data for 2,3,7,8-tetrachlorodibenzo-*p*-dioxin

^a First value shown is with undetected congener results assumed to be zero. Second value (in parentheses) is with one-half of the detection limit used for undetected congeners in the TEQ calculation. TEQ calculations based on WHO TEFs provided in van den Berg et al. (1998).

^b Represents data for area where flyash was mixed with offsite soils and evaluated for contribution to TEQ. TEQ calculations based on EPA 1989 TEFs.

^c Available only as undetected congener results assumed to be zero.

Attachment 1 – Background Sources of Dioxins

Dioxins found in rural soils are the result of numerous sources of dioxins in the environment. Chlorinated dioxins and furans are produced as trace by-products of combustion under a wide variety of conditions. Emissions of dioxins from point combustion sources such as waste incinerators and industrial processes were the initial focus of research to quantify emissions and of EPA regulations to control emissions. However, nonpoint sources are now recognized as important contributors to background concentrations of dioxins in soils and air. The increased focus on uncontrolled combustion sources is, in part, the result of the success of measures to restrict emissions from recognized point sources and, in part, the result of improved estimates of emissions from nonpoint sources. Recent research indicates that such nonpoint sources are significantly greater than previously estimated and that they contribute to the low levels of dioxins found in both rural and urban soils (U.S. EPA 2000). Nonpoint sources of importance include landfill fires, combustion of wood and other biomass (in residential wood combustion, in agricultural [vegetative] burning, or in forest fires), automotive exhaust (both diesel and non-diesel), and backyard barrel burning of rubbish.

This section provides qualitative descriptions of the evidence related to such sources as contributors to environmental levels of dioxins.

Combustion of Wood and Other Biomass — Numerous studies have demonstrated the production of dioxins from combustion of wood in both industrial and residential settings. In residential settings, levels of dioxin in ash, soot, and flue gas vary depending on the type of wood burned and the combustion conditions (wood stove versus furnace, operating condition of stove or fireplace, etc.). Several studies have analyzed ash and soot collected from residential fireplaces, finding levels of dioxins ranging from less than 10 to several thousand ng/kg TEQ levels in ash or soot (U.S. EPA 2000 [citing Nestrack and Lamparski 1982, 1983; Bacher et al. 1992; Van Oostdam and Ward 1995; Dumler-Gradi et al. 1995]; Wunderli et al. 2000; Pfeiffer et al. 2000). Several studies have also estimated emission rates of dioxins per kilogram of wood burned, and U.S. EPA (2000) relied on these studies to develop its emission rate estimate of 2 ng/kg-wood TEQ for residential wood burning.

Based on this estimate of dioxin formation from wood combustion and limited data regarding the production of dioxins from forest fires, EPA has estimated that forest fires represent a major source of dioxin formation and emission in the United States. Recent data from EPA scientists indicates that forest fires produce approximately 20 ng TEQ/kg biomass burned (Gullett and Touati 2003), approximately 10 times more than was assumed previously based on the estimate of 2 ng TEQ/kg for residential wood burning. Several researchers have attempted to evaluate whether soil levels of dioxins in burned areas are higher than levels in nearby unburned areas—the results of these studies have not indicated a clear, direct effect of fire on total soil dioxin levels, although some studies suggest that the profile of congeners may be shifted by fire (Martinez et al. 2000; Gabos et al. 2001). It appears likely that the airborne emission of dioxins

from forest fires contributes in a dispersed fashion to background dioxin levels in soils throughout an area.

Another contributing nonpoint source of dioxins results from the practice of burning agricultural fields after harvest to clear the fields and return nutrients to the soil. Gullett and Touati (2002) conducted experiments to estimate the release of dioxins from wheat and rice straw stubble under conditions of open burning, and they confirmed that such practices contribute to dioxin emissions, although the relative magnitude of the contribution from field burning is smaller than from forest fires and residential wood burning.

Combustion of Automotive Fuel — Another nonpoint source of dioxin emissions to the environment is the combustion of diesel and gasoline fuel in automobiles. Emission rates for dioxins from automobiles burning leaded gasoline were reported to be quite high and probably contributed substantially to earlier deposition of dioxins throughout the continent. Current estimates indicate that emissions from heavy-duty diesel vehicles are a significant source of dioxin (Gullett and Ryan 1997), while automobiles burning unleaded gasoline produce much lower levels (U.S. EPA 2000).

Burning Rubbish in Barrels — Burning of household rubbish in backyard open-burn barrels or other similar containers has recently been recognized as a major contributor of dioxin emissions in the U.S. Uncontrolled open-burn conditions result in widely variable, but substantial, rates of formation of dioxins and furans during combustion of a wide variety of household waste materials. In the 2000 draft dioxin reassessment (U.S. EPA 2000), this source was recognized as a major contributor to dioxin emissions, but EPA scientists have recently published the results of experiments that indicate that the emission rates from such sources may be even higher than estimated previously (Gullett et al. 2001).²

Noncombustion Sources — Substantial evidence exists to support the hypothesis that natural formation of dioxins occurs through several poorly understood mechanisms. High concentrations of dioxins with distinctive congener patterns were found in ball clay deposits in the United States and in Europe, and EPA scientists have concluded that these deposits resulted from natural geologic processes (Ferrario et al. 2000). Hoekstra et al. (1999) recently reported on experiments that demonstrated the *de novo* formation of dioxin compounds in the humic layer of Douglas fir forests. Although our understanding of such processes is limited, there is substantial evidence that such compounds are formed in nature and are not simply the product of human activities and sources.

² <http://environmentalrisk.cornell.edu/C&ER/PlasticsDisposal/AgPlasticsRecycling/References/Gullett2001.pdf>

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DRAFT REPORT

Geophysical Investigation at Parcels 3 and 10 of the Georgia-Pacific site in Fort Bragg, California

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August 30, 2004

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1. INTRODUCTION

3Dgeophysics.com (3Dg) performed a geophysical investigation at the Georgia-Pacific California Wood Products site located in Ft. Bragg, CA (the "site"). The work was conducted within Parcel 3 (Industrial parcel) and Parcel 10 (South Coastal Zone parcel) of the site. The geophysical investigation consisted of an EM61 metal detector survey and an EM31 ground conductivity survey in each of the study areas. This work was completed under the authorization of Mr. Mohammad R. Bazargani from TRC Companies, Inc. (TRC). The geophysical data were collected on August 17 – 18, 2004. The objective of the investigation was to map potential buried metal objects and variations in the near surface sediments at the site. The results of this study will be used to help determine the environmental management alternatives at the site.

The approximate location of the study areas is shown on an aerial photograph of the site in **Figure 1**. The purpose of the work was to create a detailed image of the subsurface, and to provide a high resolution map of buried metal objects at the site.

2. METHODOLOGY

The geophysical investigation consisted of two geophysical techniques including electromagnetic (EM) metal detection and ground conductivity mapping. A Differential Global Positioning System (DGPS) was integrated with the geophysical equipment and used for position control during the EM surveys. **Table 1** summarizes the methodology and instrumentation used for the investigation.

A non-magnetic and non-conductive instrument trailer and a 4x4 all-terrain vehicle (ATV) were used to collect the geophysical data. An OmniStar enabled DGPS with sub-meter accuracy (Trimble Ag 114) was connected directly to the EM instruments to provide position control for each of the EM surveys. Accuracy and reliability of the DGPS system was subject to anomalies such as multipath, obstructions, satellite geometry, and atmospheric conditions. DGPS surveying conditions at the site were excellent. As many as 10 and no fewer than 7 satellites were visible to the GPS receiver during the survey (only 5 satellites are required for DGPS measurements). **Figure 2** shows photographs of the data acquisition system used for the geophysical surveys.

Prior to the start of data collection the boundaries of the study areas were identified in the field by Mohammad Bazargani (TRC) and Dr. Craig Hunt (CA Regional Water Quality Control Board). The perimeters of the study areas were then walked and precisely mapped using the DGPS and a ruggedized Pocket-PC running GIS software (HGIS, StarPal, Inc.). After the survey area boundaries were mapped the GIS software was used to generate 10 x 10 ft survey grids over the study areas within the defined perimeters. Data collection required driving the ATV and instrument trailer across the site according generated survey grids. The Pocket-PC running the HGIS software was mounted to the utility vehicle and the survey grid overlays were used to

navigate across the site. The data acquisition system was driven along the 10 ft survey grid lines in each of the two survey areas to completely sample the areas of interest. Each survey area was driven with the data acquisition system twice during the investigation; once with each of the EM instruments. The EM61 data were collected first at both study areas, the equipment on the instrument trailer was changed, and then the EM31 data were collected.

2.1 EM61 METAL DETECTION SURVEY

EM61 is a non-invasive EM imaging technique used to identify metallic objects in the near subsurface. The EM61 metal detection system measures the localized and momentary changes in magnetic fields caused by eddy currents induced around buried metal objects. The eddy currents are caused by the interaction of the primary EM field created by a transmitter coil on the EM61 system and buried conductive bodies like utilities, steel tanks, buried debris or other metal objects. **Figure 3** shows an illustration of the theory of operation of the EM61 and EM31 system.

The EM61 system measures the induced eddy currents which flow around buried conductive objects such as utilities, pipes, and buried debris. A transmitter coil is used to produce the primary field and generate the induced eddy currents. After the primary field is shut off the eddy currents are monitored by the receiver coil for a period of 10 to 20 milliseconds. Within sediment and rock the eddy currents normally dissipate within a few milliseconds. The eddy currents dissipate much more slowly when buried metallic objects are present. This measurement process occurs as fast as 16 times per second.

The cart-mounted EM61, which operated continuously, was systematically pulled on the instrument trailer by the ATV across the site to cover the areas of concern. EM data were collected with sufficient spatial sampling to detect buried metal objects of potential environmental concern. **Table 2** summarizes the recording parameters that were used for the investigation.

After the field work was completed the EM61 data were processed using the DAT61MK2 software package (Geonics, Ltd.) and a PC workstation. The geo-referenced data were then interpolated into a regular grid and plotted using the Surfer surface mapping software program (Golden Software, Denver, CO).

2.2 EM31 GROUND CONDUCTIVITY SURVEY

An electromagnetic (EM) conductivity survey was used to map the electrical properties of the near subsurface sediments at the site. Clayey materials, saturated sediments and weathered bedrock are generally electrically conductive, while sandy, dry materials and unaltered bedrock are generally more resistive. Areas on the site that contain reworked sediments, which may be indicative of burial pits or fill areas, would be expected to produce ground conductivity anomalies.

TABLE 1: METHODOLOGY & DATA ACQUISITION EQUIPMENT

Method	Instrument	Specifications
EM Metal Detection	Geonics EM61	High Power Mark2, Dual Coil
EM Ground Conductivity mapping	Geonics EM31	Mark2, Digital Output
Surveying	Trimble GPS	Model Ag-114 Differential (OmniStar enabled)

TABLE 2: DATA ACQUISITION PARAMETERS

Parameter	Value
EM61 Power Mode	Low
Coil Type	1.0 x 0.5 meter
EM61 Operation Mode	Differential: 4 time windows
Sampling Interval	10 samples/sec
No. of Samples	Parcel 3: 29,727 Parcel 10: 49,366
Approximate Survey Size	Parcel 3: 201,500 sq feet (4.6 acres) Parcel 10: 353,000 sq feet (8.1 acres)

TABLE 3: GROUND CONDUCTIVITY DATA COLLECTION PARAMETERS

Parameter	Value
Dipole Orientation	Vertical
Sampling Interval	10 samples/sec
No. of Samples	Parcel 3: 15,791 Parcel 10: 31,758
Approximate Survey Size	Parcel 3: 189,400 sq feet (4.3 acres) Parcel 10: 292,300 sq feet (6.7 acres)

The EM31 system measures the change in localized magnetic fields caused by the conductivity of the near surface sediments. The current flow in the sediments is induced by a primary EM field which is generated by a transmitter coil on the EM31 system. A receiver coil on the EM31 then measures the resultant field at a fixed offset from the transmitter. The amplitude and phase shift of the measured EM field is directly related to the bulk conductivity of the sediments below the EM31 instrument. **Figure 4** shows an illustration of the theory of operation of the EM31 ground conductivity meter.

The cart-mounted EM31, which operated continuously, was systematically pulled on the instrument trailer by the ATV across the site to cover the areas of concern. EM data were collected with a 10 Hz sampling frequency (10 samples/second). **Table 3** summarizes the recording parameters that were used for the investigation.

After the field work was completed the EM31 data were processed using the DAT31W software package (Geonics, Ltd.) and a PC workstation. The geo-referenced data were then interpolated into a regular grid and plotted using the Surfer surface mapping software program.

3. RESULTS

3.1 EM61 METAL DETECTION SURVEY

Figures 5 – 6 show the data coverage maps that display the actual sampling locations where EM61 data were collected in Parcels 3 and 10 during the investigation. The data gap that occurred in the Parcel 3 survey area was the result of an abrupt topography change (small sediment berm) that was inaccessible with the ATV-towed system. All of the EM data were reviewed for quality control both in the field and then in the office.

Figures 7 – 8 show the annotated EM61 anomaly maps for the survey areas. These plots are contour maps of the EM response (measured in millivolts) at various DGPS positions after the data were interpolated into an evenly-spaced grid. Large EM responses (anomalies) occur over very shallow or large buried metallic objects, and are colored green, yellow, and red. A careful review of the EM data suggests that the quality is excellent. The locations of some significant surface features are identified on the maps in **Figures 7 – 8**. **Table 4** lists the surface features shown on the maps. Site features were located with the DGPS and a handheld field GIS system after the EM data collection was completed.

Significant occurrences of metal are apparent in the western portion of Parcel 3, west of the sediment berm, and in the center of the Parcel 10 study area. Note the EM response from the railroad tracks and the water pipe connecting the fire hydrants in Parcel 3 (**Figure 7**).

The site plan shown in **Figures 5 – 8** was provided by TRC. The geophysical anomaly maps were created from DGPS data, but 3Dg cannot verify the accuracy of the site plan. Therefore,

3Dg makes no claims regarding the relationship of the features on the site plan to the geophysical anomalies.

TABLE 4: SITE SURFACE FEATURES

Parcel	Label	Note
3	1	boring/test pit location
	2	boring/test pit location
	3	boring/test pit location
	4	concrete slab / debris
	5	concrete slab / debris
	6	concrete slab / debris
	7	boring/test pit location
	8	hydrant
	9	barrier pole
	10	hydrant
	11	power pole
	12	hydrant
	13	power pole
10	1	rock outcrop
	2	center of 8/17/04 excavation
	3	rock pile

3.2 EM31 GROUND CONDUCTIVITY SURVEY

Figures 9 – 10 show the data coverage maps that display the actual sampling locations where EM31 data were collected in Parcels 3 and 10 during the investigation. Note the data gap as the result of the sediment berm in Parcel 3.

Figures 11 - 12 show the annotated EM31 ground conductivity maps for the survey areas. Important surface features (Table 4) are labeled on the figures. The data plots are color-coded contour maps of the ground conductivity across the survey area. Ground conductivity is measured in millisiemens/meter (mS/m). The color scale for each of the ground conductivity

maps has been optimized to isolate conductivity anomalies. In general, high conductivity (low resistance) areas are shaded red, orange, and yellow, while low conductivity (high resistance) areas are shaded green, blue, and purple. The EM31 system measures bulk conductivity of the earth from the ground surface to the maximum depth of penetration. Ground conductivity measurements are primarily influenced by soil/sediment type, proximity of bedrock to the ground surface, and moisture content.

No significant conductivities anomalies appear in the Parcel 3 map (Figure 11), with the exception of the response from the railroad tracks and the water pipe connecting the fire hydrants. High conductivity anomalies are apparent in the central and southeastern portions of the Parcel 10 study area, and are outlined in black in Figure 12.

The site plan shown in Figures 9 – 12 was provided by TRC. The geophysical anomaly maps were created from DGPS data, but 3Dg cannot verify the accuracy of the site plan. Therefore, 3Dg makes no claims regarding the relationship of the features on the site plan to the geophysical anomalies.

4. CONCLUSIONS

The EM techniques used for the work successfully met the objectives of the project which were to map buried metal objects and variations in the near surface sediments at the site. The following conclusions, which represent one interpretation of the geophysical data, resulted from the work:

- **Parcel 3:** Many EM61 anomalies are present in the western portion of the study area, adjacent to the sediment berm that bisects the site. The relative size and intensity of the anomalies does not suggest that extremely large metal objects (such as tanks or drums) are buried at the site. Considering the facts that a scrap pile was formerly located within the study area, the EM31 data indicate no significant ground conductivity changes near the EM61 metal detection anomalies, and that many occurrences of small pieces of scrap metal were found in the study area during the investigation suggests that the majority EM anomalies mapped in the survey area probably represent smaller metal objects such as debris that are located on the surface or buried at a shallow depth. The EM61 map clearly delineates the positions of the buried metal and the lateral extent of the buried metal.
- **Parcel 10:** Many EM61 anomalies are present in the central portion of the study area. The relative size and intensity of the anomalies suggests that some of the anomalies may represent large buried metal objects. The area in which the metal detection anomalies are located correlates with an area of higher ground conductivity as mapped by the EM31 survey. The EM31 data suggest that different sediment types, fill, or reworked soil are located in the areas exhibiting higher ground conductivity. No significant surface metal or debris was noted within the survey area during the investigation. The EM61 map clearly delineates the positions of the buried metal and the lateral extent of the buried metal.

FIGURES



November 14, 2005

Alta Project I.D.: 26839

Ms. Lisa Brooker
Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Dear Ms. Brooker,

Enclosed are the results for the two soil samples received at Alta Analytical Laboratory on October 26, 2005 under your Project Name "Ft Bragg-Site Assessment", Project No. 182724. These samples were extracted and analyzed using EPA Method 8290 for tetra-through-octa chlorinated dioxins and furans. A standard turnaround time was provided for this work.

The following report consists of a Sample Inventory (Section I), Analytical Results (Section II) and the Appendix, which contains the chain-of-custody, a list of data qualifiers and abbreviations, Alta's current certifications, and copies of the raw data (if requested).

Alta Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-933-1640 or by email at mmaier@altalab.com. Thank you for choosing Alta as part of your analytical support team.

Sincerely,

Martha M. Maier
Director of HRMS Services



Alta Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAC for those applicable test methods. This report should not be reproduced except in full without the written approval of ALTA.



Section I: Sample Inventory Report

Date Received: 10/26/2005

Alta Lab. ID

Client Sample ID

26839-001

AS7.1

26839-002

AS7.2

SECTION II

Method Blank					EPA Method 8290			
Matrix:	Soil	QC Batch No.:	7397	Lab Sample:	0-MB001			
Sample Size:	10 g	Date Extracted:	8-Nov-05	Date Analyzed DB-5:	10-Nov-05	Date Analyzed DB-225:	NA	
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	ND	0.0727			IS 13C-2,3,7,8-TCDD	78.6	40 - 135	
1,2,3,7,8-PeCDD	ND	0.0944			13C-1,2,3,7,8-PeCDD	83.0	40 - 135	
1,2,3,4,7,8-HxCDD	ND	0.127			13C-1,2,3,4,7,8-HxCDD	80.2	40 - 135	
1,2,3,6,7,8-HxCDD	ND	0.130			13C-1,2,3,6,7,8-HxCDD	77.9	40 - 135	
1,2,3,7,8,9-HxCDD	ND	0.129			13C-1,2,3,4,6,7,8-HpCDD	85.5	40 - 135	
1,2,3,4,6,7,8-HpCDD	ND	0.258			13C-OCDD	75.2	40 - 135	
OCDD	ND		0.776		13C-2,3,7,8-TCDF	75.5	40 - 135	
2,3,7,8-TCDF	ND	0.0780			13C-1,2,3,7,8-PeCDF	82.0	40 - 135	
1,2,3,7,8-PeCDF	ND	0.164			13C-2,3,4,7,8-HxCDF	80.5	40 - 135	
2,3,4,7,8-PeCDF	ND	0.144			13C-1,2,3,4,7,8-HxCDF	76.5	40 - 135	
1,2,3,4,7,8-HxCDF	ND	0.0474			13C-1,2,3,6,7,8-HxCDF	84.3	40 - 135	
1,2,3,6,7,8-HxCDF	ND	0.0432			13C-2,3,4,6,7,8-HxCDF	82.6	40 - 135	
2,3,4,6,7,8-HxCDF	ND	0.0503			13C-1,2,3,7,8,9-HxCDF	92.4	40 - 135	
1,2,3,7,8,9-HxCDF	ND	0.0378			13C-1,2,3,4,6,7,8-HpCDF	86.9	40 - 135	
1,2,3,4,6,7,8-HpCDF	ND	0.108			13C-1,2,3,4,7,8,9-HpCDF	85.1	40 - 135	
1,2,3,4,7,8,9-HpCDF	ND	0.0755			13C-OCDF	77.0	40 - 135	
OCDF	ND	0.208			CRS 37Cl-2,3,7,8-TCDD	79.6	40 - 135	
Totals					Toxic Equivalent Quotient (TEQ) Data^e			
Total TCDD	ND	0.0727			TEQ (Min):	0		
Total PeCDD	ND	0.0944			a. Sample specific estimated detection limit.			
Total HxCDD	ND	0.129			b. Estimated maximum possible concentration.			
Total HpCDD	ND	0.258			c. Method detection limit.			
Total TCDF	ND	0.0780			d. Lower control limit - upper control limit.			
Total PeCDF	ND	0.153			e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).			
Total HxCDF	ND	0.0510						
Total HpCDF	ND	0.129						

Analyst: MAS

Approved By: Martha M. Maier 14-Nov-2005 07:05

OPR Results				EPA Method 8290			
Matrix:	Soil	QC Batch No.:	7397	Lab Sample:	0-OPR001		
Sample Size:	10 g	Date Extracted:	8-Nov-05	Date Analyzed DB-5:	10-Nov-05	Date Analyzed DB-225:	NA
Analyte	Spike Conc.	Conc. (ng/mL)	OPR Limits	Labeled Standard	%R	LCL-UCL	
2,3,7,8-TCDD	10.0	10.6	7 - 13	IS 13C-2,3,7,8-TCDD	72.8	40 - 135	
1,2,3,7,8-PeCDD	50.0	53.8	35 - 65	13C-1,2,3,7,8-PeCDD	80.8	40 - 135	
1,2,3,4,7,8-HxCDD	50.0	54.5	35 - 65	13C-1,2,3,4,7,8-HxCDD	80.3	40 - 135	
1,2,3,6,7,8-HxCDD	50.0	53.8	35 - 65	13C-1,2,3,6,7,8-HxCDD	81.2	40 - 135	
1,2,3,7,8,9-HxCDD	50.0	56.4	35 - 65	13C-1,2,3,7,8,9-HxCDD	82.3	40 - 135	
1,2,3,4,6,7,8-HpCDD	50.0	54.9	35 - 65	13C-OCDD	73.1	40 - 135	
OCDD	100	111	70 - 130	13C-2,3,7,8-TCDF	68.6	40 - 135	
2,3,7,8-TCDF	10.0	10.7	7 - 13	13C-1,2,3,7,8-PeCDF	76.1	40 - 135	
1,2,3,7,8-PeCDF	50.0	56.1	35 - 65	13C-2,3,4,7,8-PeCDF	74.0	40 - 135	
2,3,4,7,8-PeCDF	50.0	56.5	35 - 65	13C-1,2,3,4,7,8-HxCDF	79.0	40 - 135	
1,2,3,4,7,8-HxCDF	50.0	52.0	35 - 65	13C-1,2,3,6,7,8-HxCDF	84.3	40 - 135	
1,2,3,6,7,8-HxCDF	50.0	52.5	35 - 65	13C-2,3,4,6,7,8-HxCDF	85.2	40 - 135	
2,3,4,6,7,8-HxCDF	50.0	53.3	35 - 65	13C-1,2,3,7,8,9-HxCDF	82.1	40 - 135	
1,2,3,7,8,9-HxCDF	50.0	52.6	35 - 65	13C-1,2,3,4,6,7,8-HpCDF	72.5	40 - 135	
1,2,3,4,6,7,8-HpCDF	50.0	53.7	35 - 65	13C-1,2,3,4,7,8,9-HpCDF	75.4	40 - 135	
1,2,3,4,7,8,9-HpCDF	50.0	54.7	35 - 65	13C-OCDF	70.9	40 - 135	
OCDF	100	105	70 - 130	CRS 37CL2,3,7,8-TCDD	72.6	40 - 135	

Analyst: MAS

Approved By: Martha M. Maier 14-Nov-2005 07:05



Sample ID: AS7.1					EPA Method 8290			
Client Data		Sample Data			Laboratory Data			
Name:	Curtis & Tompkins, Ltd.	Matrix:	Soil	Lab Sample:	26839-001	Date Received:	26-Oct-05	
Project:		Sample Size:	14.2 g	QC Batch No.:	7397	Date Extracted:	8-Nov-05	
Date Collected:	24-Oct-05	%Solids:	68.6	Date Analyzed DB-5:	10-Nov-05	Dates Analyzed DB-225:	11-Nov-05	
Time Collected:	1010							
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	124				IS 13C-2,3,7,8-TCDD	61.9	40 - 135	
1,2,3,7,8-PeCDD	230				13C-1,2,3,7,8-PeCDD	67.7	40 - 135	
1,2,3,4,7,8-HxCDD	159				13C-1,2,3,4,7,8-HxCDD	70.7	40 - 135	
1,2,3,6,7,8-HxCDD	237				13C-1,2,3,6,7,8-HxCDD	68.8	40 - 135	
1,2,3,7,8,9-HxCDD	222				13C-1,2,3,4,6,7,8-HpCDD	90.9	40 - 135	
1,2,3,4,6,7,8-HpCDD	1020				13C-OCDD	93.4	40 - 135	
OCDD	1060				13C-2,3,7,8-TCDF	59.5	40 - 135	
2,3,7,8-TCDF	982				13C-1,2,3,7,8-PeCDF	64.0	40 - 135	
1,2,3,7,8-PeCDF	494				13C-2,3,4,7,8-PeCDF	60.7	40 - 135	
2,3,4,7,8-PeCDF	695				13C-1,2,3,4,7,8-HxCDF	65.7	40 - 135	
1,2,3,4,7,8-HxCDF	230				13C-1,2,3,6,7,8-HxCDF	71.6	40 - 135	
1,2,3,6,7,8-HxCDF	260			D	13C-2,3,4,6,7,8-HxCDF	71.3	40 - 135	
2,3,4,6,7,8-HxCDF	309				13C-1,2,3,7,8,9-HxCDF	73.2	40 - 135	
1,2,3,7,8,9-HxCDF	108				13C-1,2,3,4,6,7,8-HpCDF	68.9	40 - 135	
1,2,3,4,6,7,8-HpCDF	290				13C-1,2,3,4,7,8,9-HpCDF	90.3	40 - 135	
1,2,3,4,7,8,9-HpCDF	92.0				13C-OCDF	84.4	40 - 135	
OCDF	109				CRS 37C-2,3,7,8-TCDD	63.7	40 - 135	
Totals					Toxic Equivalent Quotient (TEQ) Data ^e			
Total TCDD	3650				TEQ (Min):	878		
Total PeCDD	3760							
Total HxCDD	3540							
Total HpCDD	1680							
Total TCDF	16300			D				
Total PeCDF	6790			D				
Total HxCDF	2420			D				
Total HpCDF	653							

Analyst: MAS

Approved By: Martha M. Maier 14-Nov-2005 07:05



Sample ID: AS7.2				EPA Method 8290				
Client Data		Sample Data		Laboratory Data				
Name:	Curtis & Tompkins, Ltd.	Matrix:	Soil	Lab Sample:	26839-002	Date Received:	26-Oct-05	
Project:		Sample Size:	15.69 g	QC Batch No.:	7397	Date Extracted:	8-Nov-05	
Date Collected:	24-Oct-05	%Solids:	63.0	Date Analyzed DB-5:	10-Nov-05	Dates Analyzed DB-225:	11-Nov-05	
Time Collected:	1020							
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	146				13C-2,3,7,8-TCDD	69.7	40 - 135	
1,2,3,7,8-PeCDD	154				13C-1,2,3,7,8-PeCDD	77.6	40 - 135	
1,2,3,4,7,8-HxCDD	66.4				13C-1,2,3,4,7,8-HxCDD	72.1	40 - 135	
1,2,3,6,7,8-HxCDD	68.7				13C-1,2,3,6,7,8-HxCDD	74.1	40 - 135	
1,2,3,7,8,9-HxCDD	69.5				13C-1,2,3,4,6,7,8-HpCDD	84.7	40 - 135	
1,2,3,4,6,7,8-HpCDD	195				13C-OCDD	80.2	40 - 135	
OCDD	233				13C-2,3,7,8-TCDF	68.1	40 - 135	
2,3,7,8-TCDF	1110				13C-1,2,3,7,8-PeCDF	72.6	40 - 135	
1,2,3,7,8-PeCDF	420				13C-2,3,4,7,8-PeCDF	68.5	40 - 135	
2,3,4,7,8-PeCDF	533				13C-1,2,3,4,7,8-HxCDF	71.8	40 - 135	
1,2,3,4,7,8-HxCDF	120				13C-1,2,3,6,7,8-HxCDF	72.2	40 - 135	
1,2,3,6,7,8-HxCDF	138			D	13C-2,3,4,6,7,8-HxCDF	73.4	40 - 135	
2,3,4,6,7,8-HxCDF	145				13C-1,2,3,7,8,9-HxCDF	78.2	40 - 135	
1,2,3,7,8,9-HxCDF	46.2				13C-1,2,3,4,6,7,8-HpCDF	79.1	40 - 135	
1,2,3,4,6,7,8-HpCDF	88.7				13C-1,2,3,4,7,8,9-HpCDF	78.5	40 - 135	
1,2,3,4,7,8,9-HpCDF	23.9				13C-OCDF	74.0	40 - 135	
OCDF	24.1				CRS-37 Cl-2,3,7,8-TCDD	69.8	40 - 135	
Totals				Toxic Equivalent Quotient (TEQ) Data ^e				
Total TCDD	2170				TEQ (Min):	690		
Total PeCDD	1540							
Total HxCDD	938							
Total HpCDD	343							
Total TCDF	16300			D				
Total PeCDF	5200			D				
Total HxCDF	1220			D				
Total HpCDF	188							

Analyst: MAS

Approved By: Martha M. Maier 14-Nov-2005 07:05

APPENDIX

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank.
D	The amount reported is the maximum possible concentration due to possible chlorinated diphenylether interference.
E	The reported value exceeds the calibration range of the instrument.
H	The signal-to-noise ratio is greater than 10:1.
I	Chemical interference
J	The amount detected is below the Lower Calibration Limit of the instrument.
*	See Cover Letter
Conc.	Concentration
DL	Sample-specific estimated Detection Limit
MDL	The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero in the matrix tested.
EMPC	Estimated Maximum Possible Concentration
NA	Not applicable
RL	Reporting Limit -- concentrations that corresponds to low calibration point
ND	Not Detected
TEQ	Toxic Equivalency

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

CERTIFICATIONS

Accrediting Authority	Certificate Number
State of Alaska, DEC	CA413-02
State of Arizona	AZ0639
State of Arkansas, DEQ	05-013-0
State of Arkansas, DOH	Reciprocity through CA
State of California – NELAP Primary AA	02102CA
State of Colorado	
State of Connecticut	PH-0182
State of Florida, DEP	E87777
Commonwealth of Kentucky	90063
State of Louisiana, Health and Hospitals	LA050001
State of Louisiana, DEQ	01977
State of Maine	CA0413
State of Michigan	81178087
State of Mississippi	Reciprocity through CA
Naval Facilities Engineering Service Center	
State of Nevada	CA413
State of New Jersey	CA003
State of New Mexico	Reciprocity through CA
State of New York, DOH	11411
State of North Carolina	06700
State of North Dakota, DOH	R-078
State of Oklahoma	D9919
State of Oregon	CA200001-002
State of Pennsylvania	68-00490
State of South Carolina	87002001
State of Tennessee	02996
State of Texas	TX247-2005A
U.S. Army Corps of Engineers	
State of Utah	9169330940
Commonwealth of Virginia	00013
State of Washington	C1285
State of Wisconsin	998036160
State of Wyoming	8TMS-Q

Curtis & Tompkins, Ltd.
 Analytical Laboratories, Since 1878
 2323 Fifth Street
 Berkeley, CA 94710
 (510) 486-0900
 (510) 486-0532

26839
 0.8°C

Project Number: 182724
 Site: Ft Bragg-Site Assessment

Subcontract Laboratory:
 Alta Analytical Lab, Inc.
 1104 Windfield Way
 El Dorado Hills, CA 95762
 (916) 933-1640
 ATTN: Maricel Avelino

Results due: Report Level: II

Please send report to: Lisa Brooker

*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
AS7.1	10/24 10:10	Soil	8290	182724-003	Dioxins & Furans
AS7.2	10/24 10:20	Soil	8290	182724-004	Dioxins & Furans

Notes: CALIFORNIA OVERNIGHT C10125000022410	Relinquished By:	Received By:
	<i>Ruby</i>	<i>Bethina Benedict</i>
	Date/Time: 10/25/05 15:02	Date/Time: 10/26/05 1005

Signature on this form constitutes a firm Purchase Order for the services requested above.
 Page 1 of 1

SAMPLE LOG-IN CHECKLIST

Alta Project No.: 26839

Samples Arrival:	Date/Time 10/26/05 1005	Initials: BSB	Location: WR-2
Logged In:	Date/Time 10/26/05 1118	Initials: BSB	Location: WR-2
Delivered By:	FedEx	UPS	<u>Cal</u> DHL Hand Delivered Other
Preservation:	<u>Ice</u>	<u>Blue Ice</u>	Dry Ice None
Temp °C	0.8°C	Time:	1020
		YES	NO NA
Adequate Sample Volume Received?		✓	
Holding Time Acceptable?			
Shipping Container(s) Intact?		✓	
Shipping Custody Seals Intact?			✓
Shipping Documentation Present?		✓	
Airbill Trk #	C101290022410	✓	
Sample Container Intact?		✓	
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?			✓
Shipping Container	Alta	<u>Client</u>	Retain <u>Return</u> Dispose
COC Anomaly/Sample Acceptance Form completed?		✓	
Drinking Water Sample?			✓
Acceptable Preservation?		✓	
Preservation Info		COC	Sample Container <u>None</u>

Comments:

Lab ID: 182724-004
 Client ID: AS7.2
 Lab ID: 182724-003
 Client ID: ~~AS7.2~~ BSB
 AS7.1

Chain of Custody Anomaly/Sample Acceptance Form

Client: Curtis & Tompkins, Ltd.
Contact: Lisa Brooker
Fax Number: 510-4860532

Project Number 26839
Date Received: Oct 26 2005
Documented by/date: 10/26/05 [Signature]

Please review the following information and complete the Client Authorization section. To comply with NELAC regulations, we must receive authorization before proceeding with sample analysis.
Thank You. (Fax # 916-673-0106)

The following information or item is needed to proceed with analysis:

- Complete Chain-of-Custody
- Test Method Requested
- Analyte List Requested
- Preservative
- Sample Identification
- Sample Collection Date / Time
- Collector's Name
- Sample Type
- Sample Location

The following anomalies were noted. Authorization is needed to proceed with the analysis.

Temperature outside $\pm 2^{\circ}\text{C}$ range	Samples Affected:			
Temperature outside _____ $^{\circ}\text{C}$		Ice present?	Yes	No
Sample ID Discrepancy	Samples Affected	_____	_____	_____
Sample holding time missed	Samples Affected	_____	_____	_____
Custody seals broken	Samples Affected	_____	_____	_____
Insufficient Sample Size	Samples Affected	_____	_____	_____
Sample Container(s) Broken	Samples Affected	_____	_____	_____
Incorrect Container Type	Samples Affected	_____	_____	_____
Other _____				

Client Authorization

Proceed With Analysis: YES NO Signature and Date WR 11/14/05

Client Comments/Instructions: CDC faxed 10/26/05

ALTA Analytical Laboratory
El Dorado Hills, CA 96762

Barium

Lab #:	186842	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	WET
Project#:	16017.08	Analysis:	EPA 6010B
Analyte:	Barium	Batch#:	113754
Field ID:	AS-7.2A-1	Sampled:	05/16/06
Matrix:	WET Leachate	Received:	05/16/06
Units:	ug/L	Prepared:	05/24/06
Diln Fac:	10.00	Analyzed:	05/24/06

Type	Lab ID	Result	RL
SAMPLE	186842-002	36,000	250
BLANK	QC341295	ND	250

Lead			
Lab #:	186842	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	WET
Project#:	16017.08	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	113754
Field ID:	AS-7.3-COMP	Sampled:	05/16/06
Matrix:	WET Leachate	Received:	05/16/06
Units:	ug/L	Prepared:	05/24/06
Diln Fac:	10.00	Analyzed:	05/24/06

Type	Lab ID	Result	RL
SAMPLE	186842-008	1,700	150
BLANK	QC341295	ND	150

Not Detected

RL= Reporting Limit



February 16, 2006

Alta Project I.D.: 27272

Ms. Lisa Brooker
Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Dear Ms. Brooker,

Enclosed are the results for the two soil samples received at Alta Analytical Laboratory on February 09, 2006 under your Project Name "Fort Bragg-Site Assessment". These samples were extracted and analyzed using EPA Method 8290 for tetra-through-octa chlorinated dioxins and furans. A standard turnaround time was provided for this work.

The following report consists of a Sample Inventory (Section I), Analytical Results (Section II) and the Appendix, which contains the chain-of-custody, a list of data qualifiers and abbreviations, Alta's current certifications, and copies of the raw data (if requested).

Alta Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-933-1640 or by email at mmaier@altalab.com. Thank you for choosing Alta as part of your analytical support team.

Sincerely,

Martha M. Maier
Director of HRMS Services



Alta Analytical Laboratory certifies that the report to you meets all the requirements set forth by NELAP for those analytical methods. This report should not be reported, copied, or used without the written approval of ALTA.



Alta Analytical Laboratory Inc.

1104 Windfield Way
El Dorado Hills, CA 95762

FAX (916) 673-0106
(916) 933-1640

Section I: Sample Inventory Report

Date Received: 2/9/2006

Alta Lab. ID

Client Sample ID

27272-001

DP10.7-5

27272-002

DP10.9-9.5

SECTION II

APPENDIX

Method Blank					EPA Method 8290			
Matrix:	Soil	QC Batch No.:	7750	Lab Sample:	0-MB001			
Sample Size:	10.0 g	Date Extracted:	13-Feb-06	Date Analyzed DB-5:	15-Feb-06	Date Analyzed DB-225:	NA	
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	ND	0.0919			IS 13C-2,3,7,8-TCDD	89.3	40 - 135	
1,2,3,7,8-PeCDD	ND	0.126			13C-1,2,3,7,8-PeCDD	99.1	40 - 135	
1,2,3,4,7,8-HxCDD	ND	0.103			13C-1,2,3,4,7,8-HxCDD	86.4	40 - 135	
1,2,3,6,7,8-HxCDD	ND	0.105			13C-1,2,3,6,7,8-HxCDD	94.3	40 - 135	
1,2,3,7,8,9-HxCDD	ND	0.100			13C-1,2,3,4,6,7,8-HpCDD	77.9	40 - 135	
1,2,3,4,6,7,8-HpCDD	ND	0.0686			13C-OCDD	52.5	40 - 135	
OCDD	ND	0.159			13C-2,3,7,8-TCDF	85.6	40 - 135	
2,3,7,8-TCDF	ND	0.102			13C-1,2,3,7,8-PeCDF	104	40 - 135	
1,2,3,7,8-PeCDF	ND	0.166			13C-2,3,4,7,8-PeCDF	102	40 - 135	
2,3,4,7,8-PeCDF	ND	0.161			13C-1,2,3,4,7,8-HxCDF	96.6	40 - 135	
1,2,3,4,7,8-HxCDF	ND	0.0334			13C-1,2,3,6,7,8-HxCDF	95.8	40 - 135	
1,2,3,6,7,8-HxCDF	ND	0.0324			13C-2,3,4,6,7,8-HxCDF	92.3	40 - 135	
2,3,4,6,7,8-HxCDF	ND	0.0372			13C-1,2,3,7,8,9-HxCDF	92.9	40 - 135	
1,2,3,7,8,9-HxCDF	ND	0.0540			13C-1,2,3,4,6,7,8-HpCDF	80.5	40 - 135	
1,2,3,4,6,7,8-HpCDF	ND		0.147		13C-1,2,3,4,7,8,9-HpCDF	79.8	40 - 135	
1,2,3,4,7,8,9-HpCDF	ND	0.0810			13C-OCDF	59.5	40 - 135	
OCDF	ND	0.268			CRS 37Cl-2,3,7,8-TCDD	98.2	40 - 135	
Totals					Toxic Equivalent Quotient (TEQ) Data ^e			
Total TCDD	ND	0.0919			TEQ (Min):	0		
Total PeCDD	ND	0.126			a. Sample specific estimated detection limit.			
Total HxCDD	ND	0.102			b. Estimated maximum possible concentration.			
Total HpCDD	ND	0.0686			c. Method detection limit.			
Total TCDF	ND	0.102			d. Lower control limit - upper control limit.			
Total PeCDF	ND	0.163			e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).			
Total HxCDF	ND	0.0386						
Total HpCDF	ND		0.147					

Analyst: DMS

Approved By: Martha M. Maier 16-Feb-2006 15:10



OPR Results				EPA Method 8290			
Matrix:	Soil	QC Batch No.:	7750	Lab Sample:	0-OPR001		
Sample Size:	10.0 g	Date Extracted:	13-Feb-06	Date Analyzed DB-5:	14-Feb-06	Date Analyzed DB-225:	NA
Analyte	Spike Conc.	Conc. (ng/mL)	OPR Limits	Labeled Standard	%R	LCL-UCL	
2,3,7,8-TCDD	10.0	9.83	7 - 13	<u>IS</u> 13C-2,3,7,8-TCDD	90.2	40 - 135	
1,2,3,7,8-PeCDD	50.0	52.1	35 - 65	13C-1,2,3,7,8-PeCDD	103	40 - 135	
1,2,3,4,7,8-HxCDD	50.0	49.2	35 - 65	13C-1,2,3,4,7,8-HxCDD	89.1	40 - 135	
1,2,3,6,7,8-HxCDD	50.0	50.4	35 - 65	13C-1,2,3,6,7,8-HxCDD	96.4	40 - 135	
1,2,3,7,8,9-HxCDD	50.0	49.5	35 - 65	13C-1,2,3,4,6,7,8-HpCDD	81.7	40 - 135	
1,2,3,4,6,7,8-HpCDD	50.0	50.2	35 - 65	13C-OCDD	55.1	40 - 135	
OCDD	100	100	70 - 130	13C-2,3,7,8-TCDF	89.8	40 - 135	
2,3,7,8-TCDF	10.0	9.82	7 - 13	13C-1,2,3,7,8-PeCDF	109	40 - 135	
1,2,3,7,8-PeCDF	50.0	49.5	35 - 65	13C-2,3,4,7,8-PeCDF	108	40 - 135	
2,3,4,7,8-PeCDF	50.0	49.7	35 - 65	13C-1,2,3,4,7,8-HxCDF	101	40 - 135	
1,2,3,4,7,8-HxCDF	50.0	49.3	35 - 65	13C-1,2,3,6,7,8-HxCDF	97.2	40 - 135	
1,2,3,6,7,8-HxCDF	50.0	50.4	35 - 65	13C-2,3,4,6,7,8-HxCDF	94.0	40 - 135	
2,3,4,6,7,8-HxCDF	50.0	50.3	35 - 65	13C-1,2,3,7,8,9-HxCDF	94.8	40 - 135	
1,2,3,7,8,9-HxCDF	50.0	49.4	35 - 65	13C-1,2,3,4,6,7,8-HpCDF	87.2	40 - 135	
1,2,3,4,6,7,8-HpCDF	50.0	49.1	35 - 65	13C-1,2,3,4,7,8,9-HpCDF	84.8	40 - 135	
1,2,3,4,7,8,9-HpCDF	50.0	49.1	35 - 65	13C-OCDF	63.1	40 - 135	
OCDF	100	94.3	70 - 130	<u>CRS</u> 37Cl-2,3,7,8-TCDD	90.9	40 - 135	

Analyst: DMS

Approved By: Martha M. Maier 16-Feb-2006 15:10

Sample ID: DP10.7-5				EPA Method 8290				
Client Data			Sample Data		Laboratory Data			
Name:	Curtis & Tompkins, Ltd.		Matrix:	Soil	Lab Sample:	27272-001	Date Received:	9-Feb-06
Project:	Fort Bragg-Site Assessment		Sample Size:	11.7 g	QC Batch No.:	7750	Date Extracted:	13-Feb-06
Date Collected:	25-Jan-06		%Solids:	84.1	Date Analyzed DB-5:	15-Feb-06	Date Analyzed DB-225:	NA
Time Collected:	1313							
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	ND	0.148			<u>IS</u> 13C-2,3,7,8-TCDD	97.1	40 - 135	
1,2,3,7,8-PeCDD	ND	0.155			13C-1,2,3,7,8-PeCDD	121	40 - 135	
1,2,3,4,7,8-HxCDD	ND	0.137			13C-1,2,3,4,7,8-HxCDD	101	40 - 135	
1,2,3,6,7,8-HxCDD	ND	0.142			13C-1,2,3,6,7,8-HxCDD	106	40 - 135	
1,2,3,7,8,9-HxCDD	ND	0.135			13C-1,2,3,4,6,7,8-HpCDD	94.6	40 - 135	
1,2,3,4,6,7,8-HpCDD	0.301			J	13C-OCDD	67.5	40 - 135	
OCDD	3.09			J	13C-2,3,7,8-TCDF	91.2	40 - 135	
2,3,7,8-TCDF	ND	0.126			13C-1,2,3,7,8-PeCDF	115	40 - 135	
1,2,3,7,8-PeCDF	ND	0.125			13C-2,3,4,7,8-PeCDF	119	40 - 135	
2,3,4,7,8-PeCDF	ND	0.117			13C-1,2,3,4,7,8-HxCDF	114	40 - 135	
1,2,3,4,7,8-HxCDF	ND	0.0347			13C-1,2,3,6,7,8-HxCDF	108	40 - 135	
1,2,3,6,7,8-HxCDF	ND	0.0354			13C-2,3,4,6,7,8-HxCDF	107	40 - 135	
2,3,4,6,7,8-HxCDF	ND	0.0386			13C-1,2,3,7,8,9-HxCDF	97.1	40 - 135	
1,2,3,7,8,9-HxCDF	ND	0.0588			13C-1,2,3,4,6,7,8-HpCDF	91.2	40 - 135	
1,2,3,4,6,7,8-HpCDF	ND	0.0507			13C-1,2,3,4,7,8,9-HpCDF	96.9	40 - 135	
1,2,3,4,7,8,9-HpCDF	ND	0.0529			13C-OCDF	78.8	40 - 135	
OCDF	ND	0.173			<u>CRS</u> 37Cl-2,3,7,8-TCDD	102	40 - 135	
Totals					Toxic Equivalent Quotient (TEQ) Data ^e			
Total TCDD	ND	0.148			TEQ (Min):	0.00610		
Total PeCDD	ND	0.155			a. Sample specific estimated detection limit.			
Total HxCDD	ND	0.138			b. Estimated maximum possible concentration.			
Total HpCDD	0.512				c. Method detection limit.			
Total TCDF	ND	0.126			d. Lower control limit - upper control limit.			
Total PeCDF	ND	0.121			e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).			
Total HxCDF	ND	0.0408						
Total HpCDF	ND	0.0517						

Analyst: DMS

Approved By: Martha M. Maier 16-Feb-2006 15:10

Sample ID: DP10.9-9.5				EPA Method 8290				
Client Data		Sample Data		Laboratory Data				
Name:	Curtis & Tompkins, Ltd.	Matrix:	Soil	Lab Sample:	27272-002	Date Received:	9-Feb-06	
Project:	Fort Bragg-Site Assessment	Sample Size:	11.5 g	QC Batch No.:	7750	Date Extracted:	13-Feb-06	
Date Collected:	26-Jan-06	%Solids:	84.9	Date Analyzed DB-5:	15-Feb-06	Date Analyzed DB-225:	NA	
Time Collected:	0930							
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	ND	0.127			<u>IS</u> 13C-2,3,7,8-TCDD	87.5	40 - 135	
1,2,3,7,8-PeCDD	ND	0.167			13C-1,2,3,7,8-PeCDD	101	40 - 135	
1,2,3,4,7,8-HxCDD	ND	0.136			13C-1,2,3,4,7,8-HxCDD	81.4	40 - 135	
1,2,3,6,7,8-HxCDD	ND	0.152			13C-1,2,3,6,7,8-HxCDD	83.4	40 - 135	
1,2,3,7,8,9-HxCDD	ND	0.139			13C-1,2,3,4,6,7,8-HpCDD	73.9	40 - 135	
1,2,3,4,6,7,8-HpCDD	ND	0.0915			13C-OCDD	42.9	40 - 135	
OCDD	1.33			J	13C-2,3,7,8-TCDF	98.7	40 - 135	
2,3,7,8-TCDF	ND	0.106			13C-1,2,3,7,8-PeCDF	116	40 - 135	
1,2,3,7,8-PeCDF	ND	0.175			13C-2,3,4,7,8-PeCDF	118	40 - 135	
2,3,4,7,8-PeCDF	ND	0.161			13C-1,2,3,4,7,8-HxCDF	81.8	40 - 135	
1,2,3,4,7,8-HxCDF	ND	0.0392			13C-1,2,3,6,7,8-HxCDF	85.5	40 - 135	
1,2,3,6,7,8-HxCDF	ND	0.0396			13C-2,3,4,6,7,8-HxCDF	84.6	40 - 135	
2,3,4,6,7,8-HxCDF	ND	0.0415			13C-1,2,3,7,8,9-HxCDF	89.4	40 - 135	
1,2,3,7,8,9-HxCDF	ND	0.0574			13C-1,2,3,4,6,7,8-HpCDF	73.0	40 - 135	
1,2,3,4,6,7,8-HpCDF	ND	0.0519			13C-1,2,3,4,7,8,9-HpCDF	72.5	40 - 135	
1,2,3,4,7,8,9-HpCDF	ND	0.0575			13C-OCDF	50.3	40 - 135	
OCDF	ND	0.236			<u>CRS</u> 37Cl-2,3,7,8-TCDD	91.6	40 - 135	
Totals					Toxic Equivalent Quotient (TEQ) Data ^e			
Total TCDD	ND	0.127			TEQ (Min):	0.00133		
Total PeCDD	ND	0.167			a. Sample specific estimated detection limit.			
Total HxCDD	ND	0.142			b. Estimated maximum possible concentration.			
Total HpCDD	ND	0.0915			c. Method detection limit.			
Total TCDF	ND	0.106			d. Lower control limit - upper control limit.			
Total PeCDF	ND	0.168			e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).			
Total HxCDF	ND	0.0441						
Total HpCDF	ND	0.0544						

Analyst: DMS

Approved By: Martha M. Maier 16-Feb-2006 15:10

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank.
D	The amount reported is the maximum possible concentration due to possible chlorinated diphenylether interference.
E	The reported value exceeds the calibration range of the instrument.
H	The signal-to-noise ratio is greater than 10:1.
I	Chemical interference
J	The amount detected is below the Lower Calibration Limit of the instrument.
*	See Cover Letter
Conc.	Concentration
DL	Sample-specific estimated Detection Limit
MDL	The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero in the matrix tested.
EMPC	Estimated Maximum Possible Concentration
NA	Not applicable
RL	Reporting Limit – concentrations that corresponds to low calibration point
ND	Not Detected
TEQ	Toxic Equivalency

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

CERTIFICATIONS

Accrediting Authority	Certificate Number
State of Alaska, DEC	CA413-02
State of Arizona	AZ0639
State of Arkansas, DEQ	05-013-0
State of Arkansas, DOH	Reciprocity through CA
State of California – NELAP Primary AA	02102CA
State of Colorado	
State of Connecticut	PH-0182
State of Florida, DEP	E87777
Commonwealth of Kentucky	90063
State of Louisiana, Health and Hospitals	LA050001
State of Louisiana, DEQ	01977
State of Maine	CA0413
State of Michigan	81178087
State of Mississippi	Reciprocity through CA
Naval Facilities Engineering Service Center	
State of Nevada	CA413
State of New Jersey	CA003
State of New Mexico	Reciprocity through CA
State of New York, DOH	11411
State of North Carolina	06700
State of North Dakota, DOH	R-078
State of Oklahoma	D9919
State of Oregon	CA200001-002
State of Pennsylvania	68-00490
State of South Carolina	87002001
State of Tennessee	02996
State of Texas	TX247-2005A
U.S. Army Corps of Engineers	
State of Utah	9169330940
Commonwealth of Virginia	00013
State of Washington	C1285
State of Wisconsin	998036160
State of Wyoming	8TMS-Q

Curtis & Tompkins, Ltd.
 Analytical Laboratories, Since 1878
 2323 Fifth Street
 Berkeley, CA 94710
 (510) 486-0900
 (510) 486-0532

27272
 0.6°C

Project Number: 184796
 Site: Ft Bragg-Site Assessment

Subcontract Laboratory:
 Alta Analytical Lab, Inc.
 1104 Windfield Way
 El Dorado Hills, CA 95762
 (916) 933-1640
 ATTN: Maricel Avelino

Results due: Report Level: II

Please send report to: Lisa Brooker

*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
DF10.7-5	01/25 13:13	Soil	8290	184564-014	
DF10.9-9.5	01/26 09:30	Soil	8290	184623-008	

Notes:	Relinquished By:	Received By:
	<i>Ann Kerns</i>	<i>Bettina P. Benedict</i>
	Date/Time: 2/8/06 1446	Date/Time: 2/9/06 0740

Signature on this form constitutes a firm Purchase Order for the services requested above.

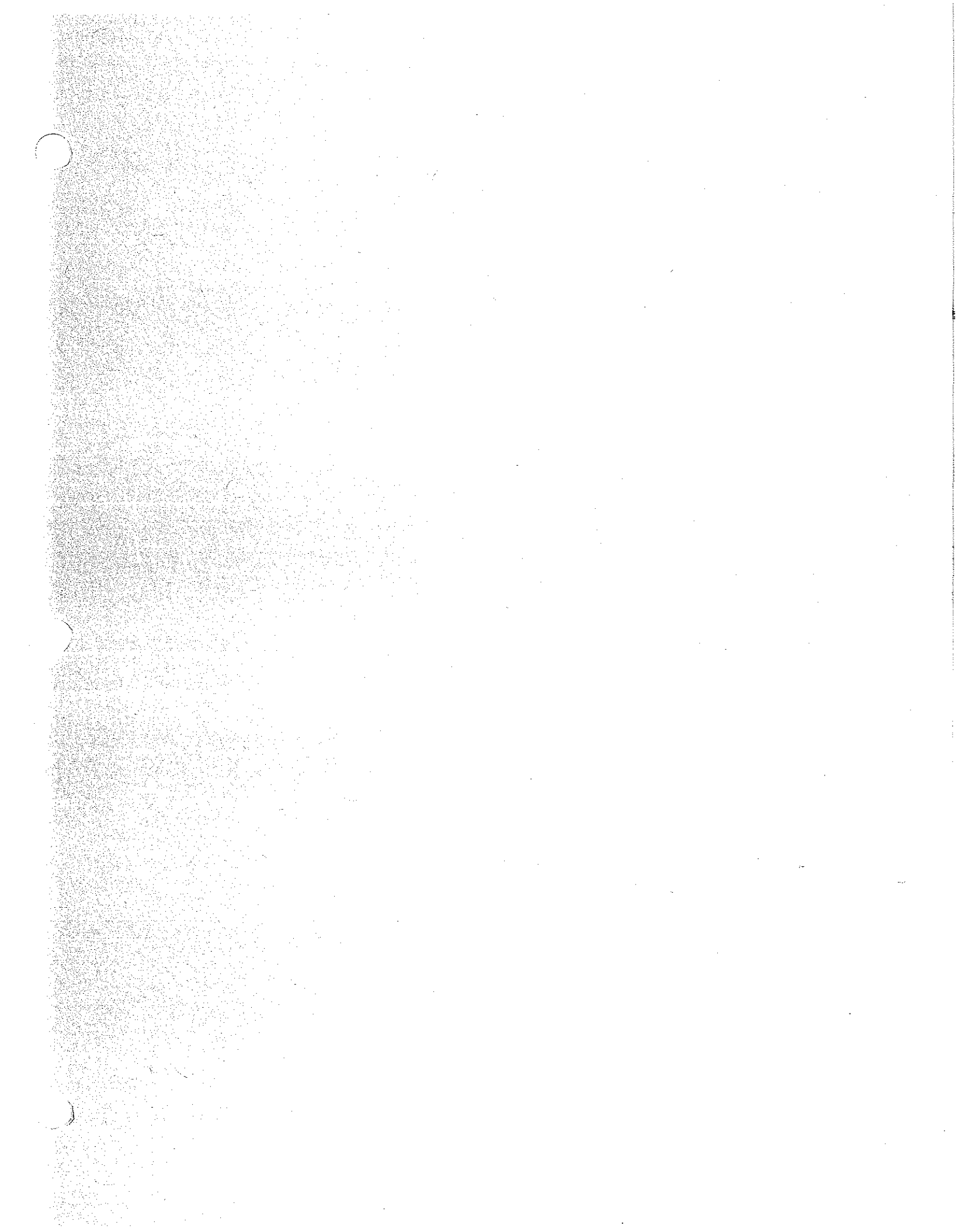
SAMPLE LOG-IN CHECKLIST

Alta Project #: 27272

Samples Arrival:	Date/Time 2/9/06 0740	Initials: BBB	Location: WR-2			
Logged In:	Date/Time 2/9/06 1239	Initials: BBB	Location: WR-2			
Delivered By:	FedEx	UPS	<u>Cal</u>	DHL	Hand Delivered	Other
Preservation:	<u>Ice</u>	Blue Ice	Dry Ice	None		
Temp °C	0.6°C	Time:	0750	Thermometer ID: DT-20		

	YES	NO	NA
Adequate Sample Volume Received?	✓		
Holding Time Acceptable?	✓		
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Shipping Documentation Present?	✓		
Airbill	✓		
Trk #	C10129000024466		
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?	✓		
COC Anomaly/Sample Acceptance Form completed?		✓	
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓
Na ₂ S ₂ O ₃ Preservation Documented?	COC	Sample Container	<u>None</u>
Shipping Container	Alta	<u>Client</u>	Retain
		<u>Return</u>	Dispose

Comments:





February 21, 2006

Alta Project I.D.: 27265

Ms. Lisa Brooker
Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Dear Ms. Brooker,

Enclosed are the results for the three soil samples received at Alta Analytical Laboratory on February 08, 2006 under your Project Name "Ft Bragg-Site Assessment". These samples were extracted and analyzed using EPA Method 8290 for tetra-through-octa chlorinated dioxins and furans. A standard turnaround time was provided for this work.

The following report consists of a Sample Inventory (Section I), Analytical Results (Section II) and the Appendix, which contains the chain-of-custody, a list of data qualifiers and abbreviations, Alta's current certifications, and copies of the raw data (if requested).

Alta Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-933-1640 or by email at mmaier@altalab.com. Thank you for choosing Alta as part of your analytical support team.

Sincerely,

Martha M. Maier
Director of HRMS Services



The Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for these applicable test methods. This report should not be reproduced, except in full, without the written approval of ALTA.



Alta Analytical Laboratory Inc.

1104 Windfield Way
El Dorado Hills, CA 95762

FAX (916) 673-0106
(916) 933-1640

Section I: Sample Inventory Report

Date Received: 2/8/2006

<u>Alfa Lab. ID</u>	<u>Client Sample ID</u>
27265-001	DP8.7-2
27265-002	DP8.9-2.5
27265-003	HSA4.5-16

SECTION II

Method Blank					EPA Method 8290			
Matrix:	Soil	QC Batch No.:	7750	Lab Sample:	0-MB001			
Sample Size:	10.0 g	Date Extracted:	13-Feb-06	Date Analyzed DB-5:	15-Feb-06	Date Analyzed DB-225:	NA	
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	ND	0.0919			<u>IS</u> 13C-2,3,7,8-TCDD	89.3	40 - 135	
1,2,3,7,8-PeCDD	ND	0.126			13C-1,2,3,7,8-PeCDD	99.1	40 - 135	
1,2,3,4,7,8-HxCDD	ND	0.103			13C-1,2,3,4,7,8-HxCDD	86.4	40 - 135	
1,2,3,6,7,8-HxCDD	ND	0.105			13C-1,2,3,6,7,8-HxCDD	94.3	40 - 135	
1,2,3,7,8,9-HxCDD	ND	0.100			13C-1,2,3,4,6,7,8-HpCDD	77.9	40 - 135	
1,2,3,4,6,7,8-HpCDD	ND	0.0686			13C-OCDD	52.5	40 - 135	
OCDD	ND	0.159			13C-2,3,7,8-TCDF	85.6	40 - 135	
2,3,7,8-TCDF	ND	0.102			13C-1,2,3,7,8-PeCDF	104	40 - 135	
1,2,3,7,8-PeCDF	ND	0.166			13C-2,3,4,7,8-PeCDF	102	40 - 135	
2,3,4,7,8-PeCDF	ND	0.161			13C-1,2,3,4,7,8-HxCDF	96.6	40 - 135	
1,2,3,4,7,8-HxCDF	ND	0.0334			13C-1,2,3,6,7,8-HxCDF	95.8	40 - 135	
1,2,3,6,7,8-HxCDF	ND	0.0324			13C-2,3,4,6,7,8-HxCDF	92.3	40 - 135	
2,3,4,6,7,8-HxCDF	ND	0.0372			13C-1,2,3,7,8,9-HxCDF	92.9	40 - 135	
1,2,3,7,8,9-HxCDF	ND	0.0540			13C-1,2,3,4,6,7,8-HpCDF	80.5	40 - 135	
1,2,3,4,6,7,8-HpCDF	ND		0.147		13C-1,2,3,4,7,8,9-HpCDF	79.8	40 - 135	
1,2,3,4,7,8,9-HpCDF	ND	0.0810			13C-OCDF	59.5	40 - 135	
OCDF	ND	0.268			<u>CRS</u> 37Cl-2,3,7,8-TCDD	98.2	40 - 135	
Totals					Toxic Equivalent Quotient (TEQ) Data ^e			
Total TCDD	ND	0.0919			TEQ (Min):	0		
Total PeCDD	ND	0.126			a. Sample specific estimated detection limit.			
Total HxCDD	ND	0.102			b. Estimated maximum possible concentration.			
Total HpCDD	ND	0.0686			c. Method detection limit.			
Total TCDF	ND	0.102			d. Lower control limit - upper control limit.			
Total PeCDF	ND	0.163			e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).			
Total HxCDF	ND	0.0386						
Total HpCDF	ND		0.147					

Analyst: DMS

Approved By: Martha M. Maier 18-Feb-2006 12:45



OPR Results				EPA Method 8290			
Matrix:	Soil	QC Batch No.:	7750	Lab Sample:	0-OPR001		
Sample Size:	10.0 g	Date Extracted:	13-Feb-06	Date Analyzed DB-5:	14-Feb-06	Date Analyzed DB-225:	NA
Analyte	Spike Conc.	Conc. (ng/mL)	OPR Limits	Labeled Standard	%R	LCL-UCL	
2,3,7,8-TCDD	10.0	9.83	7 - 13	<u>IS</u> 13C-2,3,7,8-TCDD	90.2	40 - 135	
1,2,3,7,8-PeCDD	50.0	52.1	35 - 65	13C-1,2,3,7,8-PeCDD	103	40 - 135	
1,2,3,4,7,8-HxCDD	50.0	49.2	35 - 65	13C-1,2,3,4,7,8-HxCDD	89.1	40 - 135	
1,2,3,6,7,8-HxCDD	50.0	50.4	35 - 65	13C-1,2,3,6,7,8-HxCDD	96.4	40 - 135	
1,2,3,7,8,9-HxCDD	50.0	49.5	35 - 65	13C-1,2,3,4,6,7,8-HpCDD	81.7	40 - 135	
1,2,3,4,6,7,8-HpCDD	50.0	50.2	35 - 65	13C-OCDD	55.1	40 - 135	
OCDD	100	100	70 - 130	13C-2,3,7,8-TCDF	89.8	40 - 135	
2,3,7,8-TCDF	10.0	9.82	7 - 13	13C-1,2,3,7,8-PeCDF	109	40 - 135	
1,2,3,7,8-PeCDF	50.0	49.5	35 - 65	13C-2,3,4,7,8-PeCDF	108	40 - 135	
2,3,4,7,8-PeCDF	50.0	49.7	35 - 65	13C-1,2,3,4,7,8-HxCDF	101	40 - 135	
1,2,3,4,7,8-HxCDF	50.0	49.3	35 - 65	13C-1,2,3,6,7,8-HxCDF	97.2	40 - 135	
1,2,3,6,7,8-HxCDF	50.0	50.4	35 - 65	13C-2,3,4,6,7,8-HxCDF	94.0	40 - 135	
2,3,4,6,7,8-HxCDF	50.0	50.3	35 - 65	13C-1,2,3,7,8,9-HxCDF	94.8	40 - 135	
1,2,3,7,8,9-HxCDF	50.0	49.4	35 - 65	13C-1,2,3,4,6,7,8-HpCDF	87.2	40 - 135	
1,2,3,4,6,7,8-HpCDF	50.0	49.1	35 - 65	13C-1,2,3,4,7,8,9-HpCDF	84.8	40 - 135	
1,2,3,4,7,8,9-HpCDF	50.0	49.1	35 - 65	13C-OCDF	63.1	40 - 135	
OCDF	100	94.3	70 - 130	<u>CRS</u> 37Cl-2,3,7,8-TCDD	90.9	40 - 135	

Analyst: DMS

Approved By: Martha M. Maier 18-Feb-2006 12:45

Sample ID: DP8.7-2					EPA Method 8290			
Client Data			Sample Data		Laboratory Data			
Name:	Curtis & Tompkins, Ltd.		Matrix:	Soil	Lab Sample:	27265-001	Date Received:	8-Feb-06
Project:	Ft Bragg-Site Assessment		Sample Size:	12.5 g	QC Batch No.:	7750	Date Extracted:	13-Feb-06
Date Collected:	24-Jan-06		%Solids:	82.8	Date Analyzed DB-5:	15-Feb-06	Date Analyzed DB-225:	NA
Time Collected:	1034							
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	ND	0.131			<u>IS</u> 13C-2,3,7,8-TCDD	89.4	40 - 135	
1,2,3,7,8-PeCDD	ND	0.134			13C-1,2,3,7,8-PeCDD	108	40 - 135	
1,2,3,4,7,8-HxCDD	ND	0.103			13C-1,2,3,4,7,8-HxCDD	98.6	40 - 135	
1,2,3,6,7,8-HxCDD	0.238			J	13C-1,2,3,6,7,8-HxCDD	108	40 - 135	
1,2,3,7,8,9-HxCDD	ND	0.155			13C-1,2,3,4,6,7,8-HpCDD	85.8	40 - 135	
1,2,3,4,6,7,8-HpCDD	1.86			J	13C-OCDD	57.0	40 - 135	
OCDD	8.54				13C-2,3,7,8-TCDF	86.7	40 - 135	
2,3,7,8-TCDF	ND	0.143			13C-1,2,3,7,8-PeCDF	106	40 - 135	
1,2,3,7,8-PeCDF	ND	0.165			13C-2,3,4,7,8-PeCDF	110	40 - 135	
2,3,4,7,8-PeCDF	ND	0.148			13C-1,2,3,4,7,8-HxCDF	114	40 - 135	
1,2,3,4,7,8-HxCDF	ND	0.0520			13C-1,2,3,6,7,8-HxCDF	113	40 - 135	
1,2,3,6,7,8-HxCDF	ND	0.0517			13C-2,3,4,6,7,8-HxCDF	106	40 - 135	
2,3,4,6,7,8-HxCDF	ND	0.0565			13C-1,2,3,7,8,9-HxCDF	93.2	40 - 135	
1,2,3,7,8,9-HxCDF	0.484			J	13C-1,2,3,4,6,7,8-HpCDF	87.3	40 - 135	
1,2,3,4,6,7,8-HpCDF	ND		0.214		13C-1,2,3,4,7,8,9-HpCDF	94.1	40 - 135	
1,2,3,4,7,8,9-HpCDF	ND	0.0712			13C-OCDF	68.0	40 - 135	
OCDF	ND	0.272			<u>CRS</u> 37Cl-2,3,7,8-TCDD	97.7	40 - 135	
Totals					Toxic Equivalent Quotient (TEQ) Data ^e			
Total TCDD	ND	0.131			TEQ (Min):	0.0993		
Total PeCDD	ND	0.134				a. Sample specific estimated detection limit.		
Total HxCDD	0.724		1.24			b. Estimated maximum possible concentration.		
Total HpCDD	2.60					c. Method detection limit.		
Total TCDF	1.61					d. Lower control limit - upper control limit.		
Total PeCDF	ND	0.154				e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).		
Total HxCDF	0.484							
Total HpCDF	ND		0.214					

Analyst: DMS

Approved By: Martha M. Maier 18-Feb-2006 12:45



Sample ID: DP8.9-2.5					EPA Method 8290			
Client Data		Sample Data			Laboratory Data			
Name:	Curtis & Tompkins, Ltd.	Matrix:	Soil	Lab Sample:	27265-002	Date Received:	8-Feb-06	
Project:	Ft Bragg-Site Assessment	Sample Size:	13.4 g	QC Batch No.:	7750	Date Extracted:	13-Feb-06	
Date Collected:	24-Jan-06	%Solids:	74.8	Date Analyzed DB-5:	15-Feb-06	Date Analyzed DB-225:	NA	
Time Collected:	1131							
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	ND	0.153			<u>IS</u> 13C-2,3,7,8-TCDD	91.5	40 - 135	
1,2,3,7,8-PeCDD	0.318			J	13C-1,2,3,7,8-PeCDD	111	40 - 135	
1,2,3,4,7,8-HxCDD	0.323			J	13C-1,2,3,4,7,8-HxCDD	94.8	40 - 135	
1,2,3,6,7,8-HxCDD	3.45				13C-1,2,3,6,7,8-HxCDD	102	40 - 135	
1,2,3,7,8,9-HxCDD	1.42			J	13C-1,2,3,4,6,7,8-HpCDD	87.5	40 - 135	
1,2,3,4,6,7,8-HpCDD	54.6				13C-OCDD	57.0	40 - 135	
OCDD	426				13C-2,3,7,8-TCDF	95.9	40 - 135	
2,3,7,8-TCDF	0.476			J	13C-1,2,3,7,8-PeCDF	113	40 - 135	
1,2,3,7,8-PeCDF	0.235			J	13C-2,3,4,7,8-PeCDF	116	40 - 135	
2,3,4,7,8-PeCDF	0.489			J	13C-1,2,3,4,7,8-HxCDF	102	40 - 135	
1,2,3,4,7,8-HxCDF	0.782			J	13C-1,2,3,6,7,8-HxCDF	96.9	40 - 135	
1,2,3,6,7,8-HxCDF	0.460			J	13C-2,3,4,6,7,8-HxCDF	96.8	40 - 135	
2,3,4,6,7,8-HxCDF	0.608			J	13C-1,2,3,7,8,9-HxCDF	96.8	40 - 135	
1,2,3,7,8,9-HxCDF	ND	0.351			13C-1,2,3,4,6,7,8-HpCDF	82.8	40 - 135	
1,2,3,4,6,7,8-HpCDF	25.1				13C-1,2,3,4,7,8,9-HpCDF	92.9	40 - 135	
1,2,3,4,7,8,9-HpCDF	ND		1.01		13C-OCDF	65.9	40 - 135	
OCDF	66.5				<u>CRS</u> 37Cl-2,3,7,8-TCDD	97.9	40 - 135	
Totals					Toxic Equivalent Quotient (TEQ) Data ^e			
Total TCDD	0.794				TEQ (Min):	2.46		
Total PeCDD	1.19		1.59					
Total HxCDD	15.9				a. Sample specific estimated detection limit.			
Total HpCDD	101				b. Estimated maximum possible concentration.			
Total TCDF	5.00				c. Method detection limit.			
Total PeCDF	3.71		3.96		d. Lower control limit - upper control limit.			
Total HxCDF	8.83				e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).			
Total HpCDF	82.9		83.9					

Analyst: DMS

Approved By: Martha M. Maier 18-Feb-2006 12:45



Sample ID: HSA4.5-16				EPA Method 8290				
Client Data		Sample Data		Laboratory Data				
Name:	Curtis & Tompkins, Ltd.	Matrix:	Soil	Lab Sample:	27265-003	Date Received:	8-Feb-06	
Project:	Ft Bragg-Site Assessment	Sample Size:	11.6 g	QC Batch No.:	7750	Date Extracted:	13-Feb-06	
Date Collected:	24-Jan-06	%Solids:	85.6	Date Analyzed DB-5:	15-Feb-06	Date Analyzed DB-225:	NA	
Time Collected:	1102							
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	ND	0.120			<u>IS</u> 13C-2,3,7,8-TCDD	96.9	40 - 135	
1,2,3,7,8-PeCDD	ND	0.143			13C-1,2,3,7,8-PeCDD	115	40 - 135	
1,2,3,4,7,8-HxCDD	ND	0.126			13C-1,2,3,4,7,8-HxCDD	101	40 - 135	
1,2,3,6,7,8-HxCDD	ND	0.133			13C-1,2,3,6,7,8-HxCDD	106	40 - 135	
1,2,3,7,8,9-HxCDD	ND	0.125			13C-1,2,3,4,6,7,8-HpCDD	92.7	40 - 135	
1,2,3,4,6,7,8-HpCDD	1.88			J	13C-OCDD	65.1	40 - 135	
OCDD	13.2				13C-2,3,7,8-TCDF	96.9	40 - 135	
2,3,7,8-TCDF	ND	0.106			13C-1,2,3,7,8-PeCDF	119	40 - 135	
1,2,3,7,8-PeCDF	ND	0.124			13C-2,3,4,7,8-PeCDF	119	40 - 135	
2,3,4,7,8-PeCDF	ND	0.109			13C-1,2,3,4,7,8-HxCDF	107	40 - 135	
1,2,3,4,7,8-HxCDF	ND	0.0292			13C-1,2,3,6,7,8-HxCDF	105	40 - 135	
1,2,3,6,7,8-HxCDF	ND	0.0278			13C-2,3,4,6,7,8-HxCDF	106	40 - 135	
2,3,4,6,7,8-HxCDF	ND	0.0311			13C-1,2,3,7,8,9-HxCDF	102	40 - 135	
1,2,3,7,8,9-HxCDF	ND	0.0482			13C-1,2,3,4,6,7,8-HpCDF	89.8	40 - 135	
1,2,3,4,6,7,8-HpCDF	ND		0.195		13C-1,2,3,4,7,8,9-HpCDF	97.3	40 - 135	
1,2,3,4,7,8,9-HpCDF	ND	0.0502			13C-OCDF	75.4	40 - 135	
OCDF	0.289			J	<u>CRS</u> 37Cl-2,3,7,8-TCDD	95.7	40 - 135	
Totals					Toxic Equivalent Quotient (TEQ) Data ^e			
Total TCDD	ND	0.120			TEQ (Min):	0.0323		
Total PeCDD	ND	0.143			a. Sample specific estimated detection limit.			
Total HxCDD	0.200				b. Estimated maximum possible concentration.			
Total HpCDD	3.33				c. Method detection limit.			
Total TCDF	ND	0.106			d. Lower control limit - upper control limit.			
Total PeCDF	ND	0.117			e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).			
Total HxCDF	ND	0.0334						
Total HpCDF	0.235		0.430					

Analyst: DMS

Approved By: Martha M. Maier 18-Feb-2006 12:45

APPENDIX

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank.
D	The amount reported is the maximum possible concentration due to possible chlorinated diphenylether interference.
E	The reported value exceeds the calibration range of the instrument.
H	The signal-to-noise ratio is greater than 10:1.
I	Chemical interference
J	The amount detected is below the Lower Calibration Limit of the instrument.
*	See Cover Letter
Conc.	Concentration
DL	Sample-specific estimated Detection Limit
MDL	The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero in the matrix tested.
EMPC	Estimated Maximum Possible Concentration
NA	Not applicable
RL	Reporting Limit – concentrations that corresponds to low calibration point
ND	Not Detected
TEQ	Toxic Equivalency

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.



CERTIFICATIONS

Accrediting Authority	Certificate Number
State of Alaska, DEC	CA413-02
State of Arizona	AZ0639
State of Arkansas, DEQ	05-013-0
State of Arkansas, DOH	Reciprocity through CA
State of California – NELAP Primary AA	02102CA
State of Colorado	
State of Connecticut	PH-0182
State of Florida, DEP	E87777
Commonwealth of Kentucky	90063
State of Louisiana, Health and Hospitals	LA050001
State of Louisiana, DEQ	01977
State of Maine	CA0413
State of Michigan	81178087
State of Mississippi	Reciprocity through CA
Naval Facilities Engineering Service Center	
State of Nevada	CA413
State of New Jersey	CA003
State of New Mexico	Reciprocity through CA
State of New York, DOH	11411
State of North Carolina	06700
State of North Dakota, DOH	R-078
State of Oklahoma	D9919
State of Oregon	CA200001-002
State of Pennsylvania	68-00490
State of South Carolina	87002001
State of Tennessee	02996
State of Texas	TX247-2005A
U.S. Army Corps of Engineers	
State of Utah	9169330940
Commonwealth of Virginia	00013
State of Washington	C1285
State of Wisconsin	998036160
State of Wyoming	8TMS-Q

Curtis & Tompkins, Ltd.
 Analytical Laboratories, Since 1878
 2323 Fifth Street
 Berkeley, CA 94710
 (510) 486-0900
 (510) 486-0532

27265
 2.9°C

Project Number: 184776
 Site: Ft Bragg-Site Assessment

Subcontract Laboratory:
 Alta Analytical Lab, Inc.
 1104 Windfield Way
 El Dorado Hills, CA 95762
 (916) 933-1640
 ATTN: Maricel Avelino

Results due: Report Level: II

Please send report to: Lisa Brooker
 *** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
DP8.7-2	01/24 10:34	Soil	8290	184557-012	
DP8.9-2.5	01/24 11:31	Soil	8290	184557-016	
SA4.5-16	01/24 11:02	Soil	8290	184557-019	

Notes:	Relinquished By:	Received By:
	<i>Ann Hays</i>	<i>Peterson Benedict</i>
	Date/Time:	Date/Time:
	2/7/9 1530	2/8/00 0930

Signature on this form constitutes a firm Purchase Order for the services requested above.

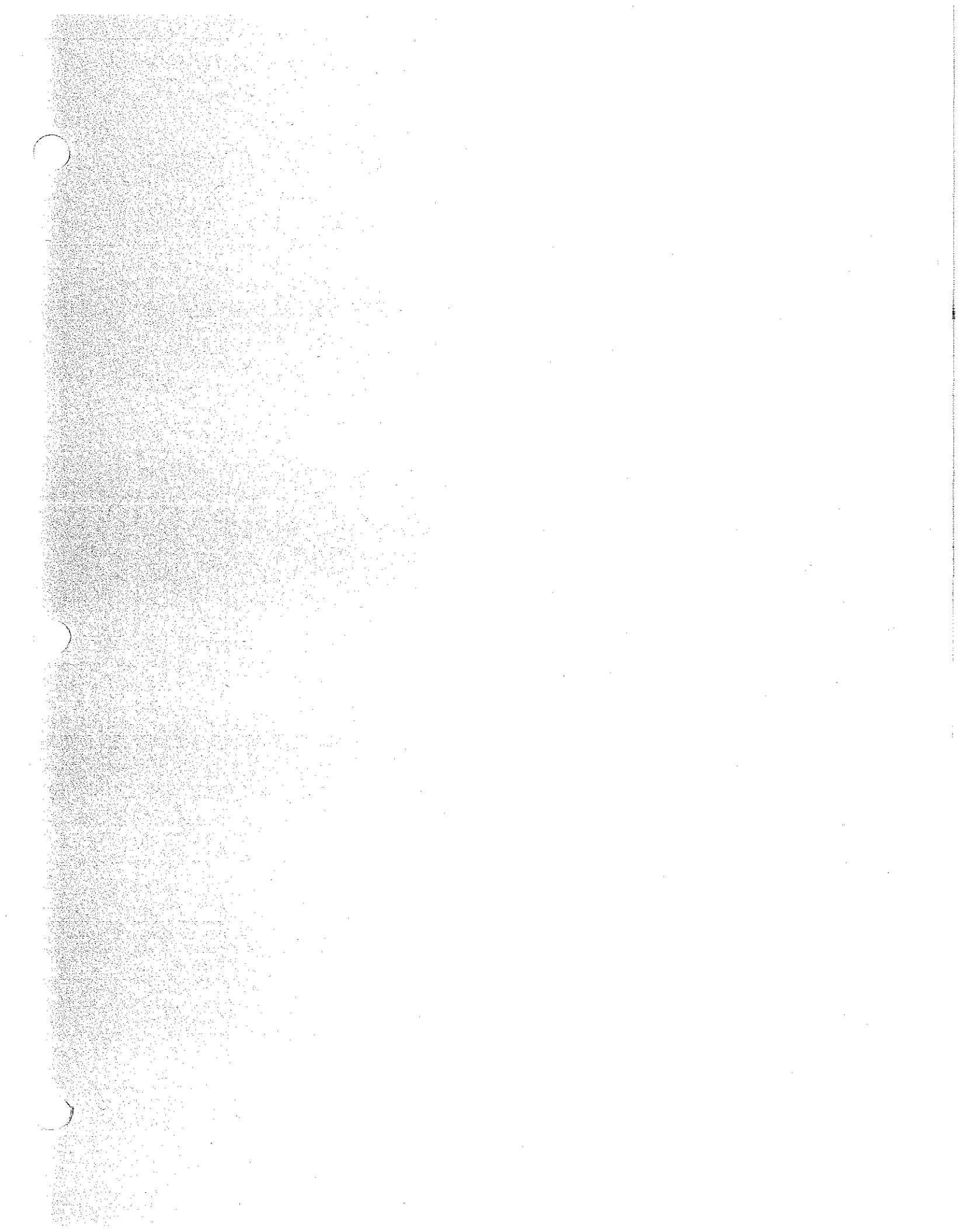
SAMPLE LOG-IN CHECKLIST

Alta Project #: 27265

Samples Arrival:	Date/Time 2/8/06	0915 0935 CSB	Initials: CSB	Location: WR-2		
Logged In:	Date/Time 2/9/06	0730 CSB	Initials: CSB	Location: WR-2		
Delivered By:	FedEx	UPS	<u>Cal</u>	DHL	Hand Delivered	Other
Preservation:	<u>Ice</u>	<u>Blue Ice</u>	Dry Ice	None		
Temp °C	2.9°C	Time:	0925	Thermometer ID: DT-20		

	YES	NO	NA
Adequate Sample Volume Received?	✓		
Holding Time Acceptable?	✓		
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Shipping Documentation Present?	✓		
Airbill			
Trk #	C 101 290000 24383		
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?	✓		
COC Anomaly/Sample Acceptance Form completed?		✓	
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓
Na ₂ S ₂ O ₃ Preservation Documented?		✓COC	Sample Container
			<u>None</u>
Shipping Container	Alta	<u>Client</u>	Retain
			<u>Return</u>
			Dispose

Comments:





March 01, 2006

Alta Project I.D.: 27297

Ms. Lisa Brooker
Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Dear Ms. Brooker,

Enclosed are the results for the one soil sample received at Alta Analytical Laboratory on February 16, 2006 under your Project Name "Fort Bragg-Site Assessment-184951". This sample was extracted and analyzed using EPA Method 8290 for tetra-through-octa chlorinated dioxins and furans. A standard turnaround time was provided for this work.

The following report consists of a Sample Inventory (Section I), Analytical Results (Section II) and the Appendix, which contains the chain-of-custody, a list of data qualifiers and abbreviations, Alta's current certifications, and copies of the raw data (if requested).

Alta Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-933-1640 or by email at mmaier@altalab.com. Thank you for choosing Alta as part of your analytical support team.

Sincerely,

Martha M. Maier
HRMS Services Director



Alta Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. This report should not be reproduced except in full without the written approval of ALTA.



Section I: Sample Inventory Report

Date Received: **2/16/2006**

Alta Lab. ID

Client Sample ID

27297-001

COMPOSITE

SECTION II

Method Blank					EPA Method 8290			
Matrix:	Soil	QC Batch No.:	7774	Lab Sample:	0-MB001			
Sample Size:	10.0 g	Date Extracted:	21-Feb-06	Date Analyzed DB-5:	23-Feb-06	Date Analyzed DB-225:	NA	
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	ND	0.150			<u>IS</u> 13C-2,3,7,8-TCDD	85.9	40 - 135	
1,2,3,7,8-PeCDD	ND	0.144			13C-1,2,3,7,8-PeCDD	82.8	40 - 135	
1,2,3,4,7,8-HxCDD	ND	0.152			13C-1,2,3,4,7,8-HxCDD	77.7	40 - 135	
1,2,3,6,7,8-HxCDD	ND	0.161			13C-1,2,3,6,7,8-HxCDD	88.4	40 - 135	
1,2,3,7,8,9-HxCDD	ND	0.151			13C-1,2,3,4,6,7,8-HpCDD	73.0	40 - 135	
1,2,3,4,6,7,8-HpCDD	ND	0.146			13C-OCDD	57.5	40 - 135	
OCDD	ND	0.251			13C-2,3,7,8-TCDF	85.6	40 - 135	
2,3,7,8-TCDF	ND	0.140			13C-1,2,3,7,8-PeCDF	87.1	40 - 135	
1,2,3,7,8-PeCDF	ND	0.183			13C-2,3,4,7,8-PeCDF	86.8	40 - 135	
2,3,4,7,8-PeCDF	ND	0.179			13C-1,2,3,4,7,8-HxCDF	86.2	40 - 135	
1,2,3,4,7,8-HxCDF	ND	0.0499			13C-1,2,3,6,7,8-HxCDF	87.2	40 - 135	
1,2,3,6,7,8-HxCDF	ND	0.0501			13C-2,3,4,6,7,8-HxCDF	83.6	40 - 135	
2,3,4,6,7,8-HxCDF	ND	0.0561			13C-1,2,3,7,8,9-HxCDF	85.0	40 - 135	
1,2,3,7,8,9-HxCDF	ND	0.0840			13C-1,2,3,4,6,7,8-HpCDF	75.5	40 - 135	
1,2,3,4,6,7,8-HpCDF	ND	0.0647			13C-1,2,3,4,7,8,9-HpCDF	78.3	40 - 135	
1,2,3,4,7,8,9-HpCDF	ND	0.0719			13C-OCDF	65.4	40 - 135	
OCDF	ND	0.374			<u>CRS</u> 37CI-2,3,7,8-TCDD	92.2	40 - 135	
Totals					Toxic Equivalent Quotient (TEQ) Data ^c			
Total TCDD	ND	0.150			TEQ (Min):	0		
Total PeCDD	ND	0.144			a. Sample specific estimated detection limit.			
Total HxCDD	ND	0.154			b. Estimated maximum possible concentration.			
Total HpCDD	ND	0.146			c. Method detection limit.			
Total TCDF	ND	0.140			d. Lower control limit - upper control limit.			
Total PeCDF	ND	0.181			e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).			
Total HxCDF	ND	0.0590						
Total HpCDF	ND	0.0681						

Analyst: DMS

Approved By: William J. Luksemburg 01-Mar-2006 13:07

OPR Results				EPA Method 8290			
Matrix:	Soil	QC Batch No.:	7774	Lab Sample:	0-OPR001		
Sample Size:	10.0 g	Date Extracted:	21-Feb-06	Date Analyzed DB-5:	23-Feb-06	Date Analyzed DB-225:	NA
Analyte	Spike Conc.	Conc. (ng/mL)	OPR Limits	Labeled Standard	%R	LCL-UCL	
2,3,7,8-TCDD	10.0	10.1	7 - 13	<u>IS</u> 13C-2,3,7,8-TCDD	86.8	40 - 135	
1,2,3,7,8-PeCDD	50.0	55.4	35 - 65	13C-1,2,3,7,8-PeCDD	84.3	40 - 135	
1,2,3,4,7,8-HxCDD	50.0	51.5	35 - 65	13C-1,2,3,4,7,8-HxCDD	83.9	40 - 135	
1,2,3,6,7,8-HxCDD	50.0	53.8	35 - 65	13C-1,2,3,6,7,8-HxCDD	91.9	40 - 135	
1,2,3,7,8,9-HxCDD	50.0	53.2	35 - 65	13C-1,2,3,4,6,7,8-HpCDD	87.9	40 - 135	
1,2,3,4,6,7,8-HpCDD	50.0	52.3	35 - 65	13C-OCDD	63.9	40 - 135	
OCDD	100	106	70 - 130	13C-2,3,7,8-TCDF	89.8	40 - 135	
2,3,7,8-TCDF	10.0	9.94	7 - 13	13C-1,2,3,7,8-PeCDF	95.0	40 - 135	
1,2,3,7,8-PeCDF	50.0	50.1	35 - 65	13C-2,3,4,7,8-PeCDF	92.7	40 - 135	
2,3,4,7,8-PeCDF	50.0	50.5	35 - 65	13C-1,2,3,4,7,8-HxCDF	91.3	40 - 135	
1,2,3,4,7,8-HxCDF	50.0	51.7	35 - 65	13C-1,2,3,6,7,8-HxCDF	91.7	40 - 135	
1,2,3,6,7,8-HxCDF	50.0	51.3	35 - 65	13C-2,3,4,6,7,8-HxCDF	85.8	40 - 135	
2,3,4,6,7,8-HxCDF	50.0	51.6	35 - 65	13C-1,2,3,7,8,9-HxCDF	85.1	40 - 135	
1,2,3,7,8,9-HxCDF	50.0	49.2	35 - 65	13C-1,2,3,4,6,7,8-HpCDF	76.1	40 - 135	
1,2,3,4,6,7,8-HpCDF	50.0	50.3	35 - 65	13C-1,2,3,4,7,8,9-HpCDF	85.0	40 - 135	
1,2,3,4,7,8,9-HpCDF	50.0	52.7	35 - 65	13C-OCDF	70.6	40 - 135	
OCDF	100	99.4	70 - 130	<u>CRS</u> 37Cl-2,3,7,8-TCDD	87.1	40 - 135	

Analyst: DMS

Approved By: William J. Luksemburg 01-Mar-2006 13:07



Sample ID: COMPOSITE					EPA Method 8290			
Client Data			Sample Data		Laboratory Data			
Name: Curtis & Tompkins, Ltd.			Matrix: Soil		Lab Sample: 27297-001		Date Received: 16-Feb-06	
Project: Fort Bragg-Site Assessment-184951			Sample Size: 17.1 g		QC Batch No.: 7774		Date Extracted: 21-Feb-06	
Date Collected: 14-Feb-06			%Solids: 58.3		Date Analyzed DB-5: 23-Feb-06		Dates Analyzed DB-225: 28-Feb-06	
Time Collected: 0900								
Analyte	Conc. (pg/g)	DL ^a	EMPC ^b	Qualifiers	Labeled Standard	%R	LCL-UCL ^d	Qualifiers
2,3,7,8-TCDD	83.6				<u>IS</u> 13C-2,3,7,8-TCDD	95.3	40 - 135	
1,2,3,7,8-PeCDD	225				13C-1,2,3,7,8-PeCDD	92.5	40 - 135	
1,2,3,4,7,8-HxCDD	151				13C-1,2,3,4,7,8-HxCDD	93.3	40 - 135	
1,2,3,6,7,8-HxCDD	243				13C-1,2,3,6,7,8-HxCDD	97.4	40 - 135	
1,2,3,7,8,9-HxCDD	197				13C-1,2,3,4,6,7,8-HpCDD	90.8	40 - 135	
1,2,3,4,6,7,8-HpCDD	981				13C-OCDD	68.2	40 - 135	
OCDD	1190				13C-2,3,7,8-TCDF	94.6	40 - 135	
2,3,7,8-TCDF	494				13C-1,2,3,7,8-PeCDF	97.9	40 - 135	
1,2,3,7,8-PeCDF	290				13C-2,3,4,7,8-PeCDF	95.9	40 - 135	
2,3,4,7,8-PeCDF	495				13C-1,2,3,4,7,8-HxCDF	99.1	40 - 135	
1,2,3,4,7,8-HxCDF	191				13C-1,2,3,6,7,8-HxCDF	93.8	40 - 135	
1,2,3,6,7,8-HxCDF	210				13C-2,3,4,6,7,8-HxCDF	94.1	40 - 135	
2,3,4,6,7,8-HxCDF	273				13C-1,2,3,7,8,9-HxCDF	96.5	40 - 135	
1,2,3,7,8,9-HxCDF	80.2				13C-1,2,3,4,6,7,8-HpCDF	86.2	40 - 135	
1,2,3,4,6,7,8-HpCDF	271				13C-1,2,3,4,7,8,9-HpCDF	86.4	40 - 135	
1,2,3,4,7,8,9-HpCDF	75.4				13C-OCDF	76.0	40 - 135	
OCDF	108				<u>CRS</u> 37Cl-2,3,7,8-TCDD	102	40 - 135	
Totals					Toxic Equivalent Quotient (TEQ) Data ^e			
Total TCDD	2760				TEQ (Min):	657		
Total PeCDD	3580							
Total HxCDD	3180							
Total HpCDD	1830							
Total TCDF	9980							
Total PeCDF	4700							
Total HxCDF	2060							
Total HpCDF	617							

- a. Sample specific estimated detection limit.
- b. Estimated maximum possible concentration.
- c. Method detection limit.
- d. Lower control limit - upper control limit.
- e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).

Analyst: DMS

Approved By: William J. Luksemburg 01-Mar-2006 13:07

APPENDIX

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank.
D	The amount reported is the maximum possible concentration due to possible chlorinated diphenylether interference.
E	The reported value exceeds the calibration range of the instrument.
H	The signal-to-noise ratio is greater than 10:1.
I	Chemical interference
J	The amount detected is below the Lower Calibration Limit of the instrument.
*	See Cover Letter
Conc.	Concentration
DL	Sample-specific estimated Detection Limit
MDL	The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero in the matrix tested.
EMPC	Estimated Maximum Possible Concentration
NA	Not applicable
RL	Reporting Limit – concentrations that corresponds to low calibration point
ND	Not Detected
TEQ	Toxic Equivalency

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.



CERTIFICATIONS

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State of Arkansas, DOH	Reciprocity through CA
State of California – NELAP Primary AA	02102CA
State of Colorado	
State of Connecticut	PH-0182
State of Florida, DEP	E87777
Commonwealth of Kentucky	90063
State of Louisiana, Health and Hospitals	LA050001
State of Louisiana, DEQ	01977
State of Maine	CA0413
State of Michigan	81178087
State of Mississippi	Reciprocity through CA
Naval Facilities Engineering Service Center	
State of Nevada	CA413
State of New Jersey	CA003
State of New Mexico	Reciprocity through CA
State of New York, DOH	11411
State of North Carolina	06700
State of North Dakota, DOH	R-078
State of Oklahoma	D9919
State of Oregon	CA200001-002
State of Pennsylvania	68-00490
State of South Carolina	87002001
State of Tennessee	02996
State of Texas	TX247-2005A
U.S. Army Corps of Engineers	
State of Utah	9169330940
Commonwealth of Virginia	00013
State of Washington	C1285
State of Wisconsin	998036160
State of Wyoming	8TMS-Q

Curtis & Tompkins, Ltd.
 Analytical Laboratories, Since 1878
 2323 Fifth Street
 Berkeley, CA 94710
 (510) 486-0900
 (510) 486-0532

Project Number: 184951
 Site: Ft Bragg-Site Assessment

27297

0.7°C

Subcontract Laboratory:
 Alta Analytical Lab, Inc.
 1104 Windfield Way
 El Dorado Hills, CA 95762
 (916) 933-1640
 ATTN: Maricel Avelino

Results due: Report Level: II

Please send report to: Lisa Brooker

*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
COMPOSITE	02/14 09:00	Soil	8290	184951-007	

Notes:	Relinquished By:	Received By:
	<i>[Signature]</i>	<i>[Signature]</i>
	Date/Time: 2/15/06 16:36	Date/Time: 2/16/06 0900

nature on this form constitutes a firm Purchase Order for the services requested above.

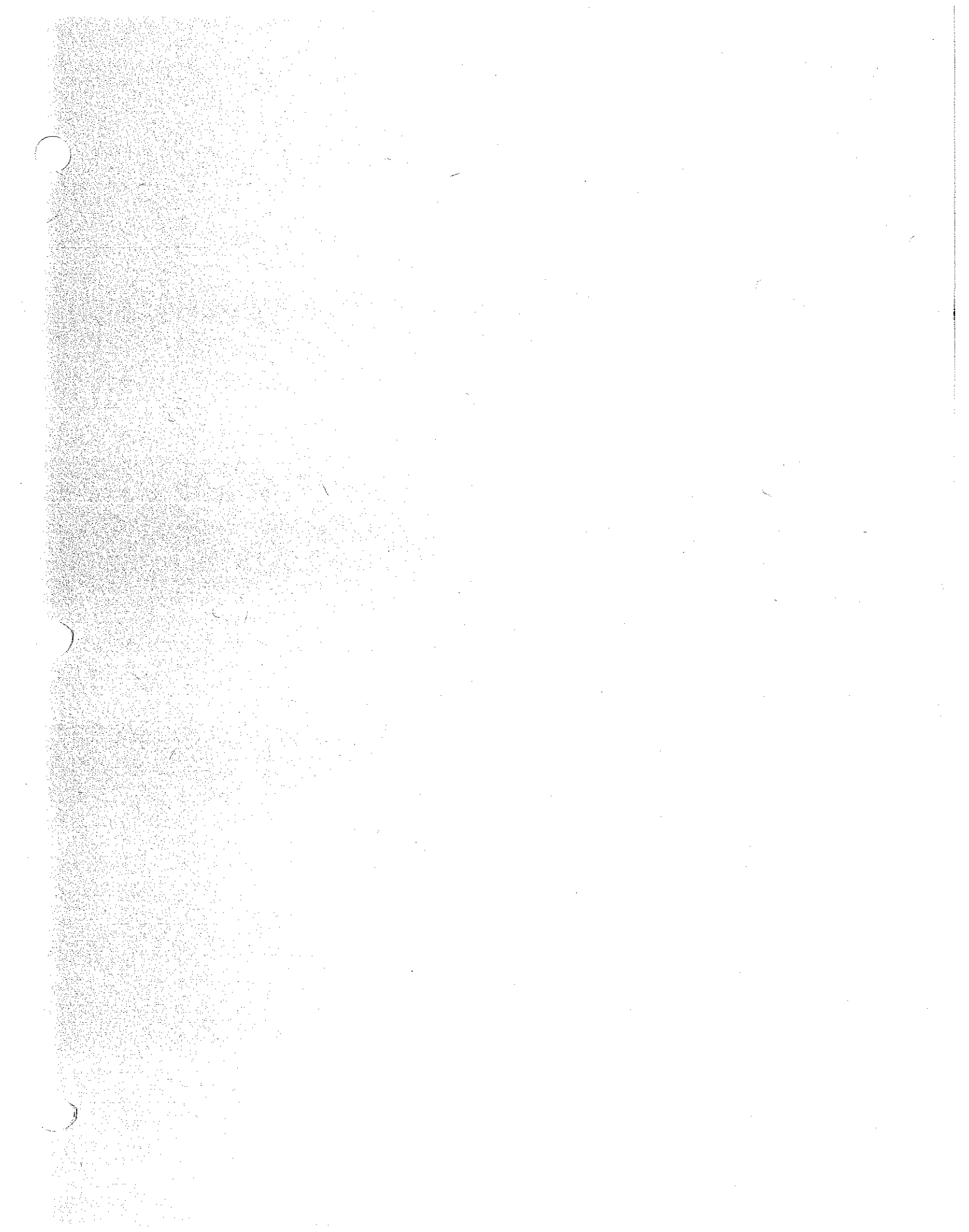
SAMPLE LOG-IN CHECKLIST

Alfa Project #: 27297

Samples Arrival:	Date/Time <u>2/16/06 0900</u>	Initials: <u>JSB</u>	Location: <u>WR-2</u>
Logged In:	Date/Time <u>2/16/06 1116</u>	Initials: <u>JSB</u>	Location: <u>WR-2</u>
Delivered By:	FedEx	UPS	<input checked="" type="radio"/> Cal
			DHL
			Hand Delivered
			Other
Preservation:	<input checked="" type="radio"/> Ice	Blue Ice	Dry Ice
			None
Temp °C	<u>0.7°C</u>	Time: <u>0915</u>	Thermometer ID: DT-20

	YES	NO	NA
Adequate Sample Volume Received?	✓		
Holding Time Acceptable?	✓		
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Shipping Documentation Present?	✓		
Airbill	✓		
Trk # <u>C10129 000 024 614</u>			
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?	✓		
COC Anomaly/Sample Acceptance Form completed?		✓	
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓
Na ₂ S ₂ O ₃ Preservation Documented?			<input checked="" type="radio"/> None
Shipping Container	Alta	<input checked="" type="radio"/> Client	Retain
			<input checked="" type="radio"/> Return
			Dispose

Comments:



**ACTON •
MICKELSON •
ENVIRONMENTAL, INC.**

Consulting Scientists, Engineers, and Geologists

June 7, 2006

Via Overnight Mail

Mr. Brad Bonner
Allied Waste Services
1145 W. Charter Way
Stockton, California 95206

FILE COPY

16017.08

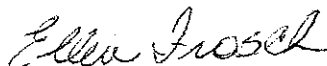
Subject: Stockpiled Soil/Fly Ash
Georgia-Pacific Wood Products Manufacturing Facility
90 W. Redwood Avenue, Fort Bragg, California

Dear Mr. Bonner:

Enclosed is the completed Generator Waste Profile sheet for the subject material. Please advise when the waste application is finalized, so that we may coordinate transportation. Denbeste Trucking will most likely be the transporter chosen to take the material to Kelly Canyon landfill.

Sincerely,

ACTON • MICKELSON • ENVIRONMENTAL, INC.



Ellen A. Frosch
Controller

Michael A. Acton, R.E.A.
Vice President

Enclosures

cc w/enc: Ms. Julie B. Raming, P.G., Georgia-Pacific Corporation



GENERATOR WASTE PROFILE SHEET

Requested Disposal Facility: Keller Canyon
an Allied Waste Company

Waste Profile #
AWI Sales Rep:
Date: 06/02/2006

I. Generator Information

Generator Name: Georgia-Pacific Corporation
Generator Site Address: 90 West Redwood Ave
City: Fort Bragg County: Mendocino State: CA Zip: 95437
State (D/Reg No): State Approval/Waste Code: (if applicable) SIC Code:
Generator Mailing Address (if different): 133 Peachtree Street NE
City: Atlanta County: Fulton State: GA Zip: 30303
Generator Contact Name: Julie Raming
Phone Number: 404-652-6859 Fax Number: 404-654-4701

IIa. Transporter Information

Transporter Name: Contact Name:
Transporter Address:
City: County: State: Zip:
Phone Number: Fax Number: State Transportation Number:

IIb. Billing Information

Bill To: Georgia-Pacific Corporation Contact Name: Julie Raming
Billing Address: 133 Peachtree Street NE
City: Atlanta State: GA Zip: 30303 Phone Number: 404-652-6859

III. Waste Stream Information

Name of Waste: stockpile soil with fly ash
Process Generating Waste: Fly ash went through a re-injection system and wet scrubber process, then the material was directed to ponds. The pond was dredged/excavated, and this excavated fly ash material/soil is the stockpile
Type of Waste [] INDUSTRIAL PROCESS WASTE or [X] POLLUTION CONTROL WASTE
Physical State: [X] SOLID [] SEMI-SOLID [] POWDER [] LIQUID [] OTHER:
Method of Shipment: [X] BULK [] DRUM [] BAGGED [] OTHER:
Estimated Annual Volume: [] CUBIC YARDS: [X] TONS: 3000 [] GALLONS [] OTHER:
Frequency: [X] ONE TIME [] DAILY [] WEEKLY [] MONTHLY [] OTHER:
Special Handling Instructions:

IV. Representative Sample Certification

[] NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules? [X] YES or [] NO
Sample Date: 10/24/05, 02/14/2006, 05/16/2006 Type of Sample: [X] COMPOSITE SAMPLE [X] GRAB SAMPLE
Laboratory: Curtis & Tompkins LTD Sample ID Numbers: 182724-003, 182724-004, 184951-007, 186842
Sampler's Employer: Acton Mickelson Environmental, Inc.
Sampler's Name (printed): Tom Carroll Signature: [Handwritten Signature]



Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components		% by Weight (range)				
1. ash		90				
2. soil		9				
3. vegetation		1				
4.						
5.						
Color	Odor (describe)	Free Liquids <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO Content %	% Solids	pH:	Flash Point	Phenol
Black			100	<12.5	<input type="checkbox"/> F	ppm

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste or generating process cause it to exceed OSHA exposure limits from high levels of Hydrogen Sulfide or Hydrogen Cyanide as defined in 40 CFR 261.23?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Toxic Material as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Generator Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Allied Waste.

Julie B. Raming, P.G., Manager Environmental Affairs
 Authorized Representative Name And Title (Printed)

Georgia-Pacific Corporation
 Company Name

Julie B. Raming
 Authorized Representative Signature

6/2/06
 Date

VII. Allied Waste Decision

<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Rejected	Expiration: _____
Conditions:		
_____	_____	_____
Name, Title	Signature	Date

Ellen Frosch

From: Ellen Frosch [efrosch@ameinc.net]
Sent: Tuesday, May 30, 2006 9:44 AM
To: 'brad.bonner@awin.com'
Cc: Julie Raming (jbraming@gapac.com)
Subject: GP Fort Bragg - Stockpiled Soil with Fly Ash
Attachments: Fly Ash Lab Data Summary.pdf; Fly Ash Stockpile Dwg.pdf; Fly Ash Lab Data Report.pdf; 186842_RPTS.pdf

Hello Brad,

Julie Raming of Georgia-Pacific requested I forward this information to you for review and providing a price quote for disposal.

There is approx +/- 3,000 cubic yards of soil with fly ash stockpiled at the site.

Fly ash was generated at the mill site by the burning of wood waste and bark at the Co-generation plant (Powerhouse). Around 1996 a fly ash re-injection system was installed and the dewatering slabs were no longer used. Scrubber water was pumped into Ponds.

The existing stockpile came from dredging/excavation of the Ponds, is uneven in shape and has an approximate dimension of about 27,580 ft² and contains an estimated volume of 2,960 yd³ of material.

The fly ash went through a re-injection system and wet scrubber process, then the material was sent to ponds. The pond was dredged/excavated, and this excavated material is what we are referring to as the "fly ash stockpile".

The stockpile with fly ash is not at all like ash from a wood stove or barbecue at all. The material is best described as a black silt (ML). It is cohesive, and as a bulk soil has a blocky texture, and shows cracks when partially desiccated. It also has small flecks, so it has a micaceous appearance.

Presumably the physical properties are a result of the wet scrubber process, and subsequent settlement in a pond.

Attached are laboratory data (summary and detail lab analyses) and a map of the sampling locations.

Ellen A. Frosch

Acton Mickelson Environmental, Inc.

5175 Hillsdale Circle #100

El Dorado Hills, CA 95762

916.939.7569 (direct)

916.939.7570 (fax)

This email may contain confidential and privileged material for the sole use of the intended recipient. Any review or distribution by others is strictly prohibited. If you are not intended recipient, please contact the sender and delete all copies.

Ellen Frosch

From: Brad Bonner [Brad.Bonner@awin.com]
nt: Thursday, June 01, 2006 2:50 PM
o: efrosch@ameinc.net
Subject: RE: GP Fort Bragg - Stockpiled Soil with Fly Ash

Attachments: Generator Waste Profile Sheet (with Bill To).doc

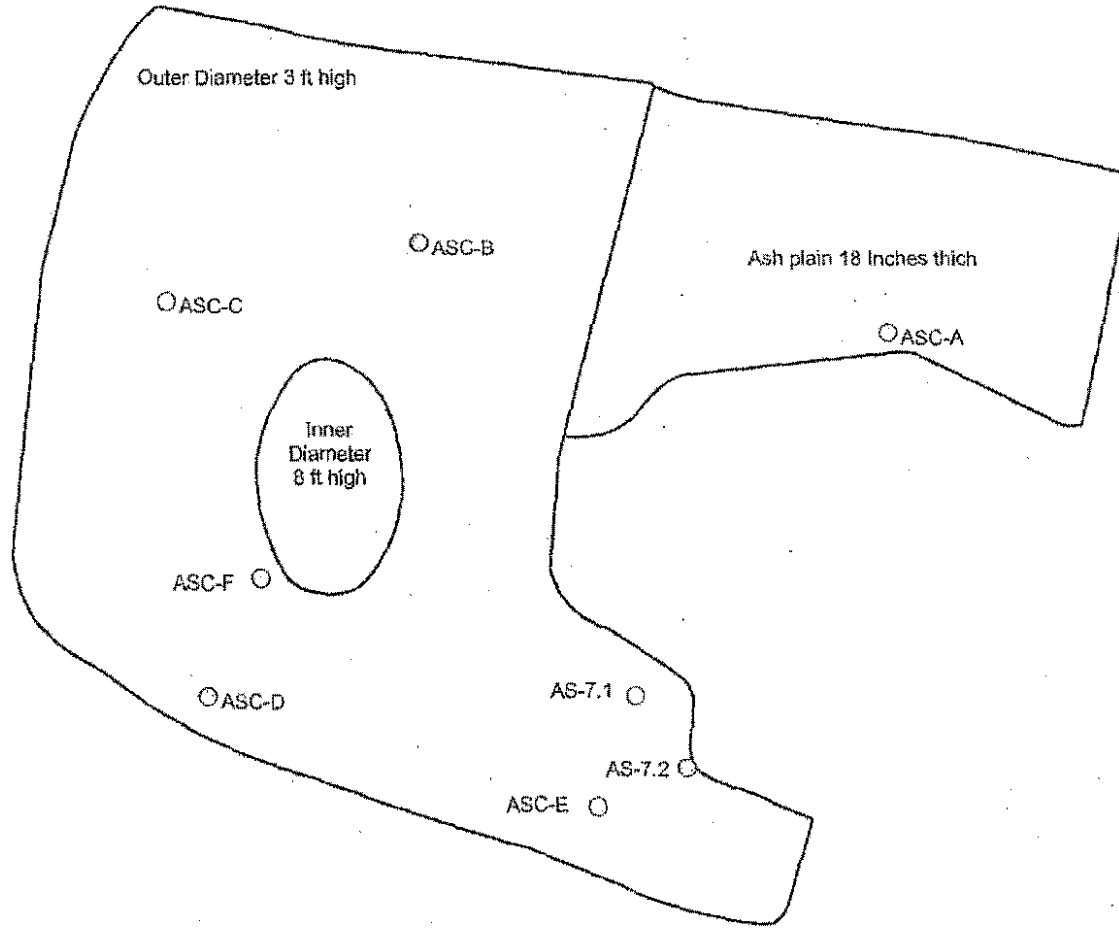


Generator Waste
Profile Sheet ...

Ellen

The material looks good..We need a completed profile form with signatures for final approval..Please see attachment...You can fax it back to my Stockton Sales office 209 466 1067....Thanks...Brad

Brad Bonner
Sales Manager
Allied Waste Services - Pacific Region
Northern California/Oregon District
Business: (800) 204-4242
Fax: (209) 466-1067
Mobile:(209) 601-6555



Summary of Analytical Results

Beginning Date 9/1/05

End Date 4/1/06

Matrix Fly Ash Cinder

Units mg/kg

All Data Are Preliminary

Parameter	Method	Cleanup Method	Number Results	Number Detects	Minimum	Maximum (See Note)	Average
Acenaphthene	EPA 8270C	None	3	0	0.017	0.019	0.018
Acenaphthylene	EPA 8270C	None	3	2	0.014	0.11	0.05867
Anthracene	EPA 8270C	None	3	1	0.015	0.039	0.0245
Antimony	EPA 6010B	None	3	3	0.015	1.5	0.63167
Arsenic	EPA 6010B	None	3	3	0.11	38	19.70333
Barium	EPA 6010B	None	3	3	0.64	2200	1046.88
Benzo(a)anthracene	EPA 8270C	None	3	2	0.0165	0.036	0.0275
Benzo(a)pyrene	EPA 8270C	None	3	0	0.0135	0.0175	0.01533
Benzo(b)fluoranthene	EPA 8270C	None	3	3	0.035	0.059	0.045
Benzo(g,h,i)perylene	EPA 8270C	None	3	0	0.0135	0.0195	0.0165
Benzo(k)fluoranthene	EPA 8270C	None	3	1	0.0135	0.052	0.029
Beryllium	EPA 6010B	None	3	3	0.0048	0.53	0.2916
Cadmium	EPA 6010B	None	3	3	0.018	2.6	1.37267
Chromium	EPA 6010B	None	3	3	0.86	46	28.95333
Chrysene	EPA 8270C	None	3	3	0.059	0.087	0.07033
Cobalt	EPA 6010B	None	3	3	0.15	13	6.98333
Copper	EPA 6010B	None	3	3	1.1	100	59.03333
Cyanide	EPA 335.2	None	1	0	0.5	0.5	0.5
Dibenz(a,h)anthracene	EPA 8270C	None	3	0	0.013	0.019	0.01667
Fluoranthene	EPA 8270C	None	3	3	0.39	0.55	0.47
Fluorene	EPA 8270C	None	3	0	0.0165	0.0195	0.01767
Indeno(1,2,3-cd)pyrene	EPA 8270C	None	3	0	0.016	0.019	0.01767
Lead	EPA 6010B	None	3	3	1.1	65	38.03333
Mercury	EPA 7471A	None	3	2	0.01	0.17	0.11333
Molybdenum	EPA 6010B	None	3	3	0.011	3.6	1.57033
Naphthalene	EPA 8270C	None	3	3	0.15	0.29	0.20333
Nickel	EPA 6010B	None	3	3	0.82	43	21.60667
Phenanthrene	EPA 8270C	None	3	3	0.39	0.46	0.42333
Pyrene	EPA 8270C	None	3	3	0.29	0.37	0.34333
Selenium	EPA 6010B	None	3	3	0.0057	0.99	0.50523
Silver	EPA 6010B	None	3	0	0.0011	0.135	0.08703
Thallium	EPA 6010B	None	3	2	0.0025	0.58	0.23583
Vanadium	EPA 6010B	None	3	3	0.65	51	28.55
Zinc	EPA 6010B	None	3	3	1.7	460	257.23333

Notes:

Concentrations less than the reporting limit (either the method detection limit or quantitation limit) are assigned a value of one-half the reporting limit.

Maximum Concentration values may represent results that are less than the reporting limit.

Average values are arithmetic means.

Dioxin/Furan Isomer	TEF (Interntl.- 1997)	Concentration (pg/g)					
		Soil (AS7.1) 10/24/05		Soil (AS7.2) 10/24/05		Composite 2/14/06	
2378 TCDD	1	124	124	146	146	83.6	83.6
12378PeCDD	1	230	230	154	154	225	225
123478HxCDD	0.1	159	15.9	66.4	6.64	151	15.1
123678HxCDD	0.1	237	23.7	68.7	6.87	243	24.3
123789HxCDD	0.1	222	22.2	69.5	6.95	197	19.7
1234678HpCDD	0.01	1020	10.2	195	1.95	981	9.81
OCDD	0.0001	1060	0.106	233	0.0233	1190	0.119
2378TCDF	0.1	982	98.2	1110	111	494	49.4
12378PeCDF	0.05	494	24.7	420	21	290	14.5
23478PeCDF	0.5	695	347.5	533	266.5	495	247.5
123478HxCDF	0.1	230	23	120	12	191	19.1
123678HxCDF	0.1	260	26	138	13.8	210	21
234678HxCDF	0.1	309	30.9	145	14.5	273	27.3
123789HxCDF	0.1	108	10.8	46.2	4.62	80.2	8.02
1234678HpCDF	0.01	290	2.9	88.7	0.887	271	2.71
1234789HpCDF	0.01	92	0.92	23.9	0.239	75.4	0.754
OCDF	0.0001	109	0.0109	24.1	0.00241	108	0.0108
TEQ Sum			991.0		767.0		767.9

Definitions:

DL -	detection limit
HxCDD -	hexachlorodibenzo-p-dioxin
HxCDF	hexachlorodibenzofuran
HpCDD -	heptachlorodibenzo-p-dioxin
HpCDF -	heptachlorodibenzofuran
Interntl. -	International (World Health Organization [WHO])
ND -	not detected
OCDD -	octachlorodibenzo-p-dioxin
OCDF -	octachlorodibenzofuran
PeCDD -	pentachlorodibenzo-p-dioxin
PeCDF -	pentachlorodibenzofuran
TCDD -	tetrachlorodibenzo-p-dioxin
TCDF -	tetrachlorodibenzofuran
TEF -	Toxic equivalency factor
TEQ -	Toxic equivalency quotient

Notes:

Values in parentheses = detection limits
 NDs evaluated as not present (i.e., zero)



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

Acton Mickelson Environmental
5175 Hilldale Cir
El Dorado Hills, CA 95762

RECEIVED
DEC 07 2005

Date: 29-NOV-05

Lab Job Number: 182724

Project ID: 16017.08

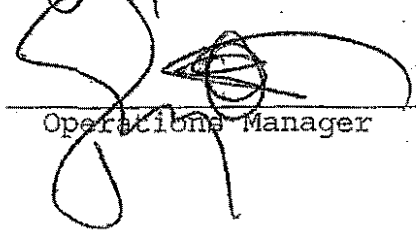
Location: Ft. Bragg-Site Assessment

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by:


Project Manager

Reviewed by:


Operations Manager

This package may be reproduced only in its entirety.



CASE NARRATIVE

Laboratory number: 182724
Client: Acton Mickelson Environmental
Project: 16017.08
Location: Ft Bragg-Site Assessment
Request Date: 10/25/05
Samples Received: 10/25/05

This hardcopy data package contains sample and QC results for fourteen soil samples and one water sample, requested for the above referenced project on 10/25/05. The samples were received on ice and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:
No analytical problems were encountered.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:
Encore samples not analyzed within 48 hours were frozen. Low surrogate recoveries were observed for bromofluorobenzene (FID) in SS7.1 (lab # 182724-001) and SS7.2 (lab # 182724-002); the corresponding trifluorotoluene (FID) surrogate recoveries were within limits, and these low surrogate recoveries were confirmed by re-analysis. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:
N-butylbenzene was detected above the RL in the method blank for batch 107471; this analyte was not detected in the sample at or above the RL. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:
Encore samples not analyzed within 48 hours were frozen. Matrix spikes were not performed for this analysis due to insufficient sample volume. High recoveries were observed for 1,1-dichloroethene and trichloroethene in the MS/MSD for batch 107112; the parent sample was not a project sample, the LCS was within limits, the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated samples. High surrogate recovery was observed for 1,2-dichloroethane-d4 in DP ROAD-8.1-1 (lab # 182724-008); no target analytes were detected at or above RL in the sample. Low surrogate recoveries were observed for dibromofluoromethane in the MS/MSD for batch 107112; the parent sample was not a project sample. High surrogate recovery was also observed for dibromofluoromethane in SS7.2 (lab # 182724-002); no target analytes were detected at or above RL in the sample. Methylene chloride was detected between the MDL and the RL in the method blank for batch 107112; this analyte was not detected in samples at or above the RL. Methylene chloride was detected between the MDL and the RL in many samples; this analyte is a common laboratory contaminant. No other analytical problems were encountered.

CASE NARRATIVE

Laboratory number: 182724
Client: Acton Mickelson Environmental
Project: 16017.08
Location: Ft Bragg-Site Assessment
Request Date: 10/25/05
Samples Received: 10/25/05

Semivolatile Organics by GC/MS (EPA 8270C):

SS7.1 (lab # 182724-001) and SS7.2 (lab # 182724-002) were diluted due to the dark, viscous nature of the sample extracts. No other analytical problems were encountered.

Polychlorinated Biphenyl Congeners (EPA 8082):

High surrogate recovery was observed for TCMX in DP-ROAD-4.1-1 (lab # 182724-005); no target analytes were detected in the sample. No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

Low recoveries were observed for silver and arsenic in the MS/MSD for batch 107417; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits. High recoveries were observed for a number of analytes; the BS/BSD were within limits. High RPD was observed for nickel, lead, and zinc; the RPD was acceptable in the BS/BSD. Low recoveries were observed for lead in the MS/MSD for batch 107415; the parent sample was not a project sample, and the associated RPD was within limits. No other analytical problems were encountered.

Dioxins and Furans (EPA 8290):

Alta Analytical Lab, Inc. in El Dorado Hills, CA performed the analysis. Please see the Alta Analytical Lab, Inc. case narrative.

182724

Acton • Mickelson • Environmental, Inc.

Standard TAT

Page 1 of 2

Chain of Custody

4602

Chain of Custody and Analysis Request Form

RUSH TAT

24 hr. TAT

48 hr. TAT

72 hr. TAT

5 day TAT

Geotracker Global ID T0604591192

Send Results to:

5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570

Attn.: Jeff Haglie

- Preliminary Fax Result
- Sample Receipt/ Log-In Confirmation
- Electronic Data Deliverables
- Geotracker EDF
- Raw Data Deliverables
- Call with Verbal Results

Matrix
Container
Number of Containers
Preservative

Requested Analysis
 8015 TP40 TPA w/SG
 5035 Eucore TPA
 6010 Eucore TPA
 6010 Eucore VOC
 8290 Metal - Lead
 8290 PAHs
 8015 TP40 w/SG
 8015 TP40 w/SG
 8015 TP40 w/SG

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis				Comments	
182724-001		SS 7.1	10/24/05	0920	S	PT	1	C	X	X	X	X	X	quotation # ET122005091M P01
-002		SS 7.2	10/24/05	0940	S	PT	1	C	X	X	X	X	X	
-003		AS 7.1	10/24/05	1010	S	PT	1	C				X	X	
-004		AS 7.2	10/24/05	1020	S	PT	1	C				X	X	
-005		DP-Road-4.1-1	10/24/05	1127	S	PT	1	C		X	X	X	X	
-006		DP-Road-4.2-1	10/24/05	1135	S	PT	1	C		X	X	X	X	
-007		DP Road-4.3-1	10/24/05	1149	S	PT	1	C		X	X	X	X	
-008		DP Road-8.1-1	10/24/05	1401	S	PT	1	C		X	X	X	X	
-009		DP Road 8.2-1	10/24/05	1416	S	PT	1	C		X	X	X	X	
-010		DP Road 8.3-1	10/24/05	1430	S	PT	1	C		X	X	X	X	E = Eucore

Signature	Date	Time	Signature	Date	Time
Relinquished by: <u>Thomas Carroll</u>	<u>10/25/05</u>	<u>0800</u>	Relinquished by: _____		
Received by: <u>Jeff Haglie</u>	<u>10-25-05</u>	<u>1415</u>	Received by: _____		
Relinquished by: _____			Relinquished by: _____		
Received by: _____			Received by: _____		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water;
 RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
 Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube;
 P - Polyethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
 Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Summit II
 Project Number: 1601708
 Receiving Lab: Curtis & Tompkins
 Sampled by: Thomas Carroll (Print Name) Thomas Carroll (Signature)

100107

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID 10604591197

Standard TAT

Page 2 of 2

Chain of Custody

46

RUSH TAT

24 hr. TAT

48 hr. TAT

72 hr. TAT

5 day TAT

Send Results to:

5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570

Attn.: Jeff Heglie

- Preliminary Fax Result
- Sample Receipt/ Log-In Confirmation
- Electronic Data Deliverables
- Geotracker EDF
- Raw Data Deliverables
- Call with Verbal Results

Matrix
Container
Number of Containers
Preservative

Requested Analysis

805 TPH WISGCA

505 TSS WISGCA

600 Metals WISGCA

8200 PAHs

8082 PCBs WISGCA

8085 TTHg

8260 VOCs

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis	Comments
182724-011		DP-Road 4.1 TB22	10/24/05	1130	DW	V	3	40		X X
-012		DUPE-27	10/24/05	—	S	PT	1			X X X X X
-013		DP-Road 1.1 - 1	10/24/05	1515	S	PT	1			X X X X X
-014		DP-Road 1.2 - 1	10/24/05	1534	S	PT	1			X X X X X
-015		DP-Road 1.3 - 1	10/24/05	1551	S	PT	1			X X X X X

Signature	Date	Time	Signature	Date	Time
Relinquished by: <u>Thomas Carroll</u>	<u>10/25/05</u>	<u>0800</u>	Relinquished by: _____		
Received by: <u>Jeff Heglie</u>	<u>10-25-05</u>	<u>1415</u>	Received by: _____		
Relinquished by: _____			Relinquished by: _____		
Received by: _____			Received by: _____		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
 Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube;
 P - Polyethylene; GJ - Glass Jar; SC - Summa Canister; TD - Tedlar
 Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Summit
 Project Number: 16017-08
 Receiving Lab: Curtis Tompkins
 Sampled by: Thomas Carroll Thomas Carroll
 Print Name Signature

Polynuclear Aromatics by GC/MS			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.08	Analysis:	EPA 8270C
Field ID:	AS7.1	Batch#:	107268
Lab ID:	182724-003	Sampled:	10/24/05
Matrix:	Soil	Received:	10/25/05
Units:	ug/Kg	Prepared:	10/31/05
Basis:	as received	Analyzed:	11/03/05
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Naphthalene	170	66	43
Acenaphthylene	52 J	66	35
Acenaphthene	ND	66	38
Fluorene	ND	66	34
Phenanthrene	460	66	39
Anthracene	ND	66	39
Fluoranthene	550	66	38
Pyrene	370	66	40
Benzo(a)anthracene	36 J	66	35
Chrysene	87	66	39
Benzo(b)fluoranthene	59 J	66	32
Benzo(k)fluoranthene	52 J	66	46
Benzo(a)pyrene	ND	66	35
Indeno(1,2,3-cd)pyrene	ND	66	36
Dibenz(a,h)anthracene	ND	66	38
Benzo(g,h,i)perylene	ND	66	33

Surrogate	%REC	Limits
Nitrobenzene-d5	67	38-120
2-Fluorobiphenyl	77	41-120
Terphenyl-d14	56	32-120

J= Estimated value
 ND= Not Detected
 RL= Reporting Limit
 MDL= Method Detection Limit
 Page 1 of 1

Polynuclear Aromatics by GC/MS

Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.08	Analysis:	EPA 8270C
Field ID:	AS7.2	Batch#:	107268
Lab ID:	182724-004	Sampled:	10/24/05
Matrix:	Soil	Received:	10/25/05
Units:	ug/Kg	Prepared:	10/31/05
Basis:	as received	Analyzed:	11/08/05
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Naphthalene	150	67	36
Acenaphthylene	ND	67	28
Acenaphthene	ND	67	34
Fluorene	ND	67	39
Phenanthrene	420	67	37
Anthracene	ND	67	30
Fluoranthene	390	67	36
Pyrene	290	67	35
Benzo(a)anthracene	ND	67	33
Chrysene	65 J	67	31
benzo(b)fluoranthene	35 J	67	29
Benzo(k)fluoranthene	ND	67	43
Benzo(a)pyrene	ND	67	27
Indeno(1,2,3-cd)pyrene	ND	67	38
Dibenz(a,h)anthracene	ND	67	36
Benzo(g,h,i)perylene	ND	67	39

Surrogate	%REC	Limits
Nitrobenzene-d5	78	38-120
2-Fluorobiphenyl	84	41-120
Terphenyl-d14	54	32-120

J= Estimated value
 ND= Not Detected
 RL= Reporting Limit
 MDL= Method Detection Limit
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Batch QC Report

Polynuclear Aromatics by GC/MS			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.08	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC315142	Batch#:	107268
Matrix:	Soil	Prepared:	10/31/05
Units:	ug/Kg	Analyzed:	11/01/05
Basis:	as received		

Analyte	Result	RT	MDL
Naphthalene	ND	67	44
Acenaphthylene	ND	67	35
Acenaphthene	ND	67	38
Fluorene	ND	67	35
Phenanthrene	ND	67	40
Anthracene	ND	67	39
Fluoranthene	ND	67	39
Pyrene	ND	67	41
Benzo(a)anthracene	ND	67	36
Chrysene	ND	67	40
Benzo(b)fluoranthene	ND	67	32
Benzo(k)fluoranthene	ND	67	46
Benzo(a)pyrene	ND	67	36
Indeno(1,2,3-cd)pyrene	ND	67	36
Dibenz(a,h)anthracene	ND	67	39
Benzo(g,h,i)perylene	ND	67	34

Surrogate	REC	Limits
Nitrobenzene-d5	56	38-120
2-Fluorobiphenyl	57	41-120
Terphenyl-d14	58	32-120

ND = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit



Batch QC Report

Polynuclear Aromatics by GC/MS			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.08	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC315300	Batch#:	107311
Matrix:	Soil	Prepared:	11/01/05
Units:	ug/Kg	Analyzed:	11/08/05
Basis:	as received		

Analyte	Result	RL	MDL
Naphthalene	ND	66	41
Acenaphthylene	ND	66	33
Acenaphthene	ND	66	36
Fluorene	ND	66	33
Phenanthrene	ND	66	30
Anthracene	ND	66	34
Fluoranthene	ND	66	35
Pyrene	ND	66	24
Benzo(a)anthracene	ND	66	22
Chrysene	ND	66	24
Benzo(b)fluoranthene	ND	66	34
Benzo(k)fluoranthene	ND	66	26
Benzo(a)pyrene	ND	66	29
Indeno(1,2,3-cd)pyrene	ND	66	32
Dibenz(a,h)anthracene	ND	66	26
Benzo(g,h,i)perylene	ND	66	26

Surrogate	REC	Limits
Nitrobenzene-d5	80	38-120
2-Fluorobiphenyl	75	41-120
Terphenyl-d14	90	32-120

ND= Not Detected

RL= Reporting Limit

MDL= Method Detection Limit

Batch QC Report

Polynuclear Aromatics By GC/MS			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.08	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC316094	Batch#:	107505
Matrix:	Soil	Prepared:	11/07/05
Units:	ug/Kg	Analyzed:	11/08/05
Basis:	as received		

Analyte	Result	RL	MDL
Naphthalene	ND	66	43
Acenaphthylene	ND	66	35
Acenaphthene	ND	66	38
Fluorene	ND	66	34
Phenanthrene	ND	66	39
Anthracene	ND	66	39
Fluoranthene	ND	66	38
Pyrene	ND	66	40
Benzo(a)anthracene	ND	66	35
Chrysene	ND	66	39
Benzo(b)fluoranthene	ND	66	32
Benzo(k)fluoranthene	ND	66	46
Benzo(a)pyrene	ND	66	35
Indeno(1,2,3-cd)pyrene	ND	66	36
Dibenz(a,h)anthracene	ND	66	38
Benzo(g,h,i)perylene	ND	66	33

Surrogate	REC	Limits
Nitrobenzene-d5	73	38-120
2-Fluorobiphenyl	70	41-120
Terphenyl-d14	78	32-120

ND= Not Detected
 RL= Reporting Limit
 MDL= Method Detection Limit
 Page 1 of 1



Batch QC Report

Polynuclear Aromatics by GC/MS			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.08	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC315143	Batch#:	107268
Matrix:	Soil	Prepared:	10/31/05
Units:	ug/Kg	Analyzed:	11/01/05
Basis:	as received		

Analyte	Spiked	Result	REC	Limit
Naphthalene	1,646	1,015	62	38-120
Acenaphthylene	1,646	1,048	64	36-120
Acenaphthene	1,646	1,042	63	34-120
Fluorene	1,646	1,104	67	36-120
Phenanthrene	1,646	1,041	63	36-120
Anthracene	1,646	1,074	65	35-120
Fluoranthene	1,646	1,107	67	36-120
Pyrene	1,646	1,110	67	37-120
Benzo (a) anthracene	1,646	933.6	57	37-120
Chrysene	1,646	1,128	68	36-120
Benzo (b) fluoranthene	1,646	1,062	65	31-120
Benzo (k) fluoranthene	1,646	1,050	64	34-120
Benzo (a) pyrene	1,646	1,082	66	39-120
Indeno (1,2,3-cd) pyrene	1,646	1,009	61	28-121
Dibenz (a,h) anthracene	1,646	1,039	63	29-125
Benzo (g,h,i) perylene	1,646	1,028	62	21-122

Surrogate	REC	Limit
Nitrobenzene-d5	61	38-120
2-Fluorobiphenyl	62	41-120
Terphenyl-d14	62	32-120

Batch QC Report

Polynuclear Aromatics by GC/MS			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.08	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC315301	Batch#:	107311
Matrix:	Soil	Prepared:	11/01/05
Units:	ug/Kg	Analyzed:	11/08/05
Basis:	as received		

Analyte	Spiked	Result	%REC	Limit
Naphthalene	1,661	1,118	67	38-120
Acenaphthylene	1,661	1,078	65	36-120
Acenaphthene	1,661	1,023	62	34-120
Fluorene	1,661	1,057	64	36-120
Phenanthrene	1,661	1,052	63	36-120
Anthracene	1,661	1,063	64	35-120
Fluoranthene	1,661	1,069	64	36-120
Pyrene	1,661	1,054	63	37-120
Benzo(a)anthracene	1,661	871.2	52	37-120
Chrysene	1,661	1,075	65	36-120
Benzo(b)fluoranthene	1,661	943.4	57	31-120
Benzo(k)fluoranthene	1,661	933.9	56	34-120
Benzo(a)pyrene	1,661	1,026	62	39-120
Indeno(1,2,3-cd)pyrene	1,661	1,115	67	28-121
Dibenz(a,h)anthracene	1,661	1,145	69	29-125
Benzo(g,h,i)perylene	1,661	1,115	67	21-122

Surrogate	%REC	Limit
Nitrobenzene-d5	66	38-120
2-Fluorobiphenyl	61	41-120
Terphenyl-d14	59	32-120



Batch QC Report

Polynuclear Aromatics by GC/MS			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.08	Analysis:	EPA 8270C
Matrix:	Soil	Batch#:	107505
Units:	ug/Kg	Prepared:	11/07/05
Basis:	as received	Analyzed:	11/08/05
Diln Fac:	1.000		

Type: BS Lab ID: QC316095

Analyte	Spiked	Result	%REC	Limits
Naphthalene	1,687	1,457	86	38-120
Acenaphthylene	1,687	1,410	84	36-120
Acenaphthene	1,687	1,367	81	34-120
Fluorene	1,687	1,459	87	36-120
Phenanthrene	1,687	1,443	86	36-120
Anthracene	1,687	1,463	87	35-120
Fluoranthene	1,687	1,573	93	36-120
Pyrene	1,687	1,335	79	37-120
Benzo (a) anthracene	1,687	1,219	72	37-120
Chrysene	1,687	1,409	84	36-120
Benzo (b) fluoranthene	1,687	1,418	84	31-120
Benzo (k) fluoranthene	1,687	1,353	80	34-120
Benzo (a) pyrene	1,687	1,396	83	39-120
Indeno (1,2,3-cd) pyrene	1,687	1,344	80	28-121
Dibenz (a,h) anthracene	1,687	1,312	78	29-125
Benzo (g,h,i) perylene	1,687	1,320	78	21-122
Surrogate	%REC	Limits		
Nitrobenzene-d5	81	38-120		
2-Fluorobiphenyl	81	41-120		
Terphenyl-d14	79	32-120		

Type: BSD Lab ID: QC316096

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Naphthalene	1,656	1,337	81	38-120	7	20
Acenaphthylene	1,656	1,276	77	36-120	8	20
Acenaphthene	1,656	1,253	76	34-120	7	20
Fluorene	1,656	1,321	80	36-120	8	20
Phenanthrene	1,656	1,308	79	36-120	8	20
Anthracene	1,656	1,348	81	35-120	6	20
Fluoranthene	1,656	1,446	87	36-120	7	20
Pyrene	1,656	1,249	75	37-120	5	20
Benzo (a) anthracene	1,656	1,132	68	37-120	6	20
Chrysene	1,656	1,323	80	36-120	4	20
Benzo (b) fluoranthene	1,656	1,227	74	31-120	13	20
Benzo (k) fluoranthene	1,656	1,282	77	34-120	4	20
Benzo (a) pyrene	1,656	1,266	76	39-120	8	20
Indeno (1,2,3-cd) pyrene	1,656	1,222	74	28-121	8	20
Dibenz (a,h) anthracene	1,656	1,178	71	29-125	9	20
Benzo (g,h,i) perylene	1,656	1,193	72	21-122	8	20
Surrogate	%REC	Limits				
Nitrobenzene-d5	75	38-120				
2-Fluorobiphenyl	76	41-120				
Terphenyl-d14	75	32-120				



Curtis & Tompkins, Ltd.

Batch QC Report

Polynuclear Aromatics by GC/MS			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.08	Analysis:	EPA 8270C
Field ID:	ZZZZZZZZZZ	Batch#:	107268
MSS Lab ID:	182655-013	Sampled:	10/20/05
Matrix:	Soil	Received:	10/21/05
Units:	ug/Kg	Prepared:	10/31/05
Basis:	as received	Analyzed:	11/02/05
Diln Fac:	2.000		

Type: MS Lab ID: QC315144

Analyte	MSS Result	Spiked	Result	%REC	Limits
Naphthalene	<86.71	1,681	1,145	68	42-120
Acenaphthylene	<69.36	1,681	1,113	66	37-120
Acenaphthene	<75.66	1,681	1,406	84	36-120
Fluorene	78.52	1,681	1,160	64	36-120
Phenanthrene	389.2	1,681	1,632	74	32-123
Anthracene	78.41	1,681	1,460	82	34-120
Fluoranthene	442.1	1,681	1,452	60	31-120
Pyrene	357.2	1,681	1,450	65	35-130
Benzo(a)anthracene	123.2	1,681	1,094	58	40-120
Chrysene	207.7	1,681	1,356	68	39-120
Benzo(b)fluoranthene	102.3	1,681	1,108	60	32-120
Benzo(k)fluoranthene	115.4	1,681	1,043	55	33-127
Benzo(a)pyrene	107.9	1,681	1,165	63	39-120
Indeno(1,2,3-cd)pyrene	<71.51	1,681	733.1	44	15-120
Dibenz(a,h)anthracene	<76.79	1,681	914.9	54	22-120
Benzo(g,h,i)perylene	<66.27	1,681	662.8	39	7-120

Surrogate	%REC	Limits
Nitrobenzene-d5	85	38-120
2-Fluorobiphenyl	59	41-120
Terphenyl-d14	66	32-120

Type: MSD Lab ID: QC315145

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Naphthalene	1,653	1,189	72	42-120	5	32
Acenaphthylene	1,653	1,154	70	37-120	5	31
Acenaphthene	1,653	1,348	82	36-120	3	32
Fluorene	1,653	1,211	68	36-120	6	32
Phenanthrene	1,653	1,668	77	32-123	4	36
Anthracene	1,653	1,418	81	34-120	1	31
Fluoranthene	1,653	1,385	57	31-120	3	34
Pyrene	1,653	1,496	69	35-130	4	36
Benzo(a)anthracene	1,653	1,126	61	40-120	4	32
Chrysene	1,653	1,390	72	39-120	4	35
Benzo(b)fluoranthene	1,653	1,148	63	32-120	5	34
Benzo(k)fluoranthene	1,653	1,169	64	33-127	13	34
Benzo(a)pyrene	1,653	1,211	67	39-120	5	33
Indeno(1,2,3-cd)pyrene	1,653	763.9	46	15-120	6	41
Dibenz(a,h)anthracene	1,653	921.0	56	22-120	2	38
Benzo(g,h,i)perylene	1,653	644.6	39	7-120	1	43

Surrogate	%REC	Limits
Nitrobenzene-d5	90	38-120
2-Fluorobiphenyl	64	41-120
Terphenyl-d14	68	32-120

Batch QC Report

Polynuclear Aromatics by GC/MS			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.08	Analysis:	EPA 8270C
Field ID:	ZZZZZZZZZZ	Batch#:	107311
MSS Lab ID:	182846-001	Sampled:	10/28/05
Matrix:	Soil	Received:	10/28/05
Units:	ug/Kg	Prepared:	11/01/05
Basis:	as received	Analyzed:	11/07/05
Diln Fac:	1.000		

Type: MS Lab ID: QC315302

Analyte	MSS Result	Spiked	Result	%REC	Limits
Naphthalene	<41.09	1,649	1,249	76	42-120
Acenaphthylene	<33.28	1,649	1,217	74	37-120
Acenaphthene	<35.95	1,649	1,193	72	36-120
Fluorene	<32.64	1,649	1,176	71	36-120
Phenanthrene	<30.18	1,649	1,211	73	32-123
Anthracene	<33.85	1,649	1,220	74	34-120
Fluoranthene	<34.64	1,649	1,220	74	31-120
Pyrene	<24.30	1,649	1,236	75	35-130
Benzo(a)anthracene	<21.75	1,649	972.8	59	40-120
Chrysene	<23.99	1,649	1,177	71	39-120
Benzo(b)fluoranthene	<33.85	1,649	1,101	67	32-120
Benzo(k)fluoranthene	<26.40	1,649	1,054	64	33-127
Benzo(a)pyrene	<29.24	1,649	1,144	69	39-120
Indeno(1,2,3-cd)pyrene	<31.56	1,649	1,217	74	15-120
Dibenz(a,h)anthracene	<25.56	1,649	1,210	73	22-120
Benzo(g,h,i)perylene	<26.43	1,649	1,213	74	7-120

Surrogate	%REC	Limits
Nitrobenzene-d5	69	38-120
2-Fluorobiphenyl	73	41-120
Terphenyl-d14	72	32-120

Type: MSD Lab ID: QC315303

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Naphthalene	1,676	1,364	81	42-120	7	32
Acenaphthylene	1,676	1,318	79	37-120	6	31
Acenaphthene	1,676	1,350	81	36-120	11	32
Fluorene	1,676	1,284	77	36-120	7	32
Phenanthrene	1,676	1,334	80	32-123	8	36
Anthracene	1,676	1,310	78	34-120	5	31
Fluoranthene	1,676	1,348	80	31-120	8	34
Pyrene	1,676	1,351	81	35-130	7	36
Benzo(a)anthracene	1,676	1,082	65	40-120	9	32
Chrysene	1,676	1,328	79	39-120	10	35
Benzo(b)fluoranthene	1,676	1,133	68	32-120	1	34
Benzo(k)fluoranthene	1,676	1,273	76	33-127	17	34
Benzo(a)pyrene	1,676	1,255	75	39-120	8	33
Indeno(1,2,3-cd)pyrene	1,676	1,307	78	15-120	5	41
Dibenz(a,h)anthracene	1,676	1,307	78	22-120	6	38
Benzo(g,h,i)perylene	1,676	1,276	76	7-120	3	43

Surrogate	%REC	Limits
Nitrobenzene-d5	72	38-120
2-Fluorobiphenyl	73	41-120
Terphenyl-d14	77	32-120



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California Title 26 Metals

Lab #: 182724	Project#: 16017.08
Client: Acton Mickelson Environmental	Location: Ft Bragg-Site Assessment
Field ID: AS7.1	Basis: as received
Lab ID: 182724-003	Diln Fac: 1.000
Matrix: Soil	Sampled: 10/24/05
Units: mg/Kg	Received: 10/25/05

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	0.015	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Arsenic	0.11	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Barium	0.64	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Beryllium	0.0048	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Cadmium	0.018	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Chromium	0.86	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Cobalt	0.15	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Copper	1.1	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Lead	1.1	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Mercury	0.17	0.022	107117	10/26/05	10/26/05	METHOD	EPA 7471A
Molybdenum	0.011	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Nickel	0.82	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Selenium	0.0057	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Silver	ND	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Thallium	0.0025	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Vanadium	0.65	0.0022	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Zinc	1.7	0.0089	107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B



California Title 26 Metals

Lab #: 182724	Project#: 16017.08
Client: Acton Mickelson Environmental	Location: Ft Bragg-Site Assessment
Field ID: AS7.2	Basis: as received
Lab ID: 182724-004	Sampled: 10/24/05
Matrix: Soil	Received: 10/25/05
Units: mg/Kg	

Analyte	Result	RL	Diln	Fac	Batch#	Prepared	Analyzed	Prap	Analysis
Antimony	0.38	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Arsenic	21	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Barium	2,200	5.5	20.00		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Beryllium	0.53	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Cadmium	2.6	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Chromium	46	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Cobalt	13	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Copper	100	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Lead	48	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Mercury	ND	0.020	1.000		107117	10/26/05	10/26/05	METHOD	EPA 7471A
Molybdenum	3.6	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Nickel	43	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Selenium	0.99	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Silver	ND	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Thallium	0.58	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Vanadium	51	0.27	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B
Zinc	460	1.1	1.000		107417	11/04/05	11/04/05	EPA 3050B	EPA 6010B

= Not Detected

RL= Reporting Limit

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Batch QC Report

California Title 26 Metals			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.08	Analysis:	EPA 7471A
Analyte:	Mercury	Basis:	as received
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC314517	Batch#:	107117
Matrix:	Miscell.	Prepared:	10/26/05
Units:	mg/Kg	Analyzed:	10/26/05
Result	RL		
ND	0.020		



Batch QC Report

California Title 26 Metals			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3050B
Project#:	16017.08	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC315731	Batch#:	107417
Matrix:	Soil	Prepared:	11/04/05
Units:	mg/Kg	Analyzed:	11/04/05
Basis:	as received		

Analyte	Result	RL
Antimony	ND	0.25
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.25
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.25
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.25
Silver	ND	0.25
Thallium	ND	0.25
Vanadium	ND	0.25
Zinc	ND	1.0

Batch QC Report

California Title 26 Metals			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.08	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Matrix:	Miscell.	Batch#:	107117
Units:	mg/Kg	Prepared:	10/26/05
Basis:	as received	Analyzed:	10/26/05

Type	Lab ID	Spiked	Result	REC	Lim/Ls	RPD	Lim
BS	QC314518	0.5000	0.5440	109	80-120		
BSD	QC314519	0.5000	0.5430	109	80-120	0	20

Batch QC Report

California Title 26 Metals			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.08	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	107117
MSS Lab ID:	182721-001	Sampled:	10/24/05
Matrix:	Miscell.	Received:	10/25/05
Units:	mg/Kg	Prepared:	10/26/05
Basis:	as received	Analyzed:	10/26/05

Type	Lab ID	MSS Result	Spiked	Result	REC	Limit	RPD	Lim
MS	QC314520	0.01856	0.4237	0.4814	109	56-148		
MSD	QC314521		0.4902	0.5255	103	56-148	5	20



Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3050B
Project#:	16017.08	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	107417
Units:	mg/Kg	Prepared:	11/04/05
Basis:	as received	Analyzed:	11/04/05
Diln Fac:	1.000		

Type: BS Lab ID: QC315732

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	99.08	99	80-120
Arsenic	50.00	50.44	101	80-120
Barium	100.0	100.6	101	80-120
Beryllium	2.500	2.522	101	80-120
Cadmium	10.00	10.27	103	80-120
Chromium	100.0	100.1	100	80-120
Cobalt	25.00	25.14	101	80-120
Copper	12.50	12.40	99	80-120
Lead	100.0	99.64	100	80-120
Molybdenum	20.00	20.70	103	80-120
Nickel	25.00	25.57	102	80-120
Selenium	50.00	50.58	101	80-120
Silver	10.00	9.328	93	80-120
Thallium	50.00	50.54	101	80-120
Vanadium	25.00	25.13	101	80-120
Zinc	25.00	25.06	100	80-120

Type: BSD Lab ID: QC315733

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	97.77	98	80-120	1	20
Arsenic	50.00	49.56	99	80-120	2	20
Barium	100.0	97.88	98	80-120	3	20
Beryllium	2.500	2.445	98	80-120	3	20
Cadmium	10.00	9.971	100	80-120	3	20
Chromium	100.0	97.19	97	80-120	3	20
Cobalt	25.00	24.45	98	80-120	3	20
Copper	12.50	12.06	97	80-120	3	20
Lead	100.0	97.37	97	80-120	2	20
Molybdenum	20.00	20.12	101	80-120	3	20
Nickel	25.00	24.94	100	80-120	2	20
Selenium	50.00	49.31	99	80-120	3	20
Silver	10.00	9.101	91	80-120	2	20
Thallium	50.00	49.37	99	80-120	2	20
Vanadium	25.00	24.45	98	80-120	3	20
Zinc	25.00	24.41	98	80-120	3	20



Batch QC Report

California Title 26 Metals			
Lab #:	182724	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3050B
Project#:	16017.08	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	107417
MSS Lab ID:	182795-013	Sampled:	10/22/05
Matrix:	Soil	Received:	10/27/05
Units:	mg/Kg	Prepared:	11/04/05
Basis:	as received	Analyzed:	11/04/05
Diln Fac:	1.000		

Type: MS Lab ID: QC315734

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	1.254	109.9	42.38	37	9-120
Arsenic	17.77	54.95	61.05	79	73-120
Barium	636.9	109.9	169.8	-425 NM	54-137
Beryllium	0.5260	2.747	3.117	94	79-120
Cadmium	1.407	10.99	11.53	92	72-120
Chromium	29.40	109.9	186.7	143 *	65-120
Cobalt	9.228	27.47	39.37	110	63-120
Copper	35.86	13.74	113.6	566 *	52-145
Lead	22.33	109.9	211.2	172 *	57-125
Molybdenum	0.7217	21.98	20.51	90	69-120
Nickel	23.50	27.47	106.4	302 *	47-135
Selenium	0.4135	54.95	50.04	90	68-120
Silver	<0.03636	10.99	8.178	74 *	77-120
Thallium	0.1889	54.95	47.20	86	68-120
Vanadium	43.48	27.47	93.20	181 *	51-137
Zinc	133.7	27.47	182.2	177 NM	43-141

Type: MSD Lab ID: QC315735

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	85.47	30.27	34	9-120	9	22
Arsenic	42.74	48.10	71 *	73-120	5	20
Barium	85.47	134.3	-588 NM	54-137	20	20
Beryllium	2.137	2.423	89	79-120	5	20
Cadmium	8.547	9.102	90	72-120	2	20
Chromium	85.47	160.7	154 *	65-120	4	20
Cobalt	21.37	32.70	110	63-120	0	20
Copper	10.68	100.8	608 *	52-145	6	20
Lead	85.47	119.0	113	57-125	37 *	20
Molybdenum	17.09	15.28	85	69-120	5	20
Nickel	21.37	123.9	470 *	47-135	28 *	20
Selenium	42.74	38.52	89	68-120	1	20
Silver	8.547	6.110	71 *	77-120	4	20
Thallium	42.74	35.42	82	68-120	4	20
Vanadium	21.37	83.19	186 *	51-137	2	20
Zinc	21.37	237.3	485 NM	43-141	30 *	20

* = Value outside of QC limits; see narrative
 NM = Not Meaningful: Sample concentration > 4X spike concentration
 RPD = Relative Percent Difference
 Page 1 of 1

Heitmeyer, Douglas A.

From: Heitmeyer, Douglas A.
Sent: Friday, July 14, 2006 2:55 PM
To: Raming, Julie B.; 'Michael A. Acton'
Subject: FW: ashvolume12.xls



ashvolume
2.xls (17 KB)

Let me start by saying this project is very confusing due to conflicting data. The monitoring reports show that we amended 5 acres at McGuire's ranch in February 1993 and 11 more acres in March of 1993. These same reports show that we didn't haul any ash to McGuire's until April of 1993. We also have a color coded map that shows an area at McGuire's that was amended in 1992.

Anyway in 1993 we amended ⁶¹~~50~~ total acres: 5 in Feb. 11 in March 25 in August, 10 in Sept. and 10 in Oct.

- 1994: 20 acres in July and 2 in August. *EASTERN END OF FIELDS #5 & #6*
- 1995: 15 acres in Sept and 15 acres in Oct. *REMAINDER OF #5, PARTIAL #4 SOME OF #6*
- 1996: 5 acres in July, 5 acres August, 5 acres Sept. *~~REMAINDER OF #6~~ ?*
- 1997: 10 acres August and 5 acres Sept. *REMAINDER OF #6*
- 1998: 12 acres in Oct. *SCATTERED END OF #12*
- 1999: 10 acres in Sept. *FINISHED #12 ~~STARTED #13~~*
- 2000 5 acres in August. *MOST OF #13*
- 2001: 10 acres in August. *FINISHED #13 PART OF #14*
- 2002: 5 acres in August. *FINISHED MOST OF #14*

We do have some maps that show where the amending ended on the East side of the road in 1997 and where it began on the West side in 1998. This will help us in determining where the last 4 years of material went.

-----Original Message-----

From: Heitmeyer, Douglas A.
Sent: Friday, July 14, 2006 2:34 PM
To: Heitmeyer, Douglas A.
Subject: ashvolume12.xls

5+6
 12
 14
 early
 mid
 late
 reference - 16 ~~at~~ /or

	1986	1987	1988	1989	1990	1991	1992	1993
January		3480	1840	1640	2600	980	0	0
February	3060	3480	1380	1640	220	1600	0	0
March	4240	3680	1820	1700	1360	980	0	0
April	4420	3740	1400	1140	1380	1000	0	3720
May	3500	3980	1700	900	2540	1300	0	3586
June	2520	3420	1740	1520	3640	1620	0	925
July	2020	3440	2220	1180	1440	1860	0	695
August	3060	2780	1920	1460	1700	1480	0	790
September	3460	2960	1500	1400	2340	1260	0	475
October	4040	3200	1860	1500	2060	1003	0	1860
November	3040	2720	2780	1380	1780	0	0	2485
December	3080	2160	2780	1460	1120	0	0	1870
Total	36440	39040	22940	16920	22180	13083	0	16406

	1994	1995	1996	1997	1998	1999	2000	2001	2002
January	1240	450	450	3820	1370	1150	1030	990	0
February	1510	460	2760	1946	730	1050	1290	990	120
March	1011	30	2230	1920	1140	1090	1390	1140	420
April	1040	310	1840	3190	2020	830	740	450	420
May	910	1010	2369	2480	2050	1270	900	1140	570
June	1060	1660	2721	2100	1980	830	1470	1320	600
July	790	2220	2442	1750	1730	510	780	1410	420
August	440	2890	1871	1840	1440	660	300	1110	630
September	207	1780	2468	1840	740	1750	400	1020	0
October	710	1430	1763	1840	560	830	960	270	0
November	590	2670	1629	1840	50	630	870	210	0
December	1060	1080	2295	1440	0	700	930	0	0
	9328	15540	24388	22186	12440	10150	10030	9060	3180