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THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

Jackson (County of)
8 Ridgeway Street
Sylva, NC 28779

Fac/Perm/ bc 10/29/91 ...c ID# DIN

November 19, 1991
PACE Project Number: A11029600

Attn: Ms. Glenna Buchanan

Client Reference: Landfill Monitoring

PACE Sample Number:			93 0066070	93 0066089	93 0066097
Date Collected:			10/29/91	10/29/91	10/29/91
Date Received:			10/29/91	10/29/91	10/29/91
Client Sample ID:			Downstream	Upstream	Well #1
Parameter	Units	MDL			
FIELD ANALYSIS					
INDIVIDUAL PARAMETERS					
Depth to Water	feet	0.01	-	-	49
Temperature (Field)	Degrees C	0.5	16	16	16
pH (Field)	Units	0.1	7.7	7.1	5.4
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Arsenic	mg/L	0.001	ND	ND	ND
Barium	mg/L	0.10	ND	ND	ND
Biochemical Oxygen Demand, 05 Day	mg/L	1.0	ND	ND	7.2
Cadmium	mg/L	0.001	ND	ND	ND
Chemical Oxygen Demand	mg/L	1	20	16	31
Chloride	mg/L	1	1.8	2.7	1.1
Chromium	mg/L	0.02	ND	ND	ND
Copper	mg/L	0.01	ND	ND	ND
Fluoride, Total	mg/L	0.1	ND	ND	ND
Iron	mg/L	0.05	0.14	0.16	1.2
Lead	mg/L	0.05	ND	ND	ND
Manganese	mg/L	0.01	0.020	0.020	0.027
Mercury	mg/L	0.0002	ND	ND	ND
Nitrogen, Nitrate in Wastewater	mg/L	0.05	ND	ND	ND
Selenium	mg/L	0.001	ND	ND	ND
Silver	mg/L	0.01	ND	ND	ND
Solids, Total Dissolved	mg/L	1.0	32	34	52
Specific Conductivity	umhos/cm	1	29	29	59
Sulfate	mg/L	1	3.1	2.9	1.2

MDL Method Detection Limit
ND Not detected at or above the MDL.

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REPORT OF LABORATORY ANALYSIS

Ms. Glenna Buchanan
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November 19, 1991
PACE Project Number: A11029600

Client Reference: Landfill Monitoring

PACE Sample Number:			93 0066070	93 0066089	93 0066097
Date Collected:			10/29/91	10/29/91	10/29/91
Date Received:			10/29/91	10/29/91	10/29/91
Client Sample ID:			Downstream	Upstream	Well #1
Parameter	Units	MDL			
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Carbon	mg/L	1.0	2.2	2.1	2.7
Zinc	mg/L	0.01	0.020	0.015	0.029
ORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halides	mg/L	0.004	-	0.005	ND
Total Organic Halides	mg/L	0.008	0.016	-	-

MDL Method Detection Limit
ND Not detected at or above the MDL.

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REPORT OF LABORATORY ANALYSIS

Ms. Glenna Buchanan
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November 19, 1991
PACE Project Number: A11029600

Client Reference: Landfill Monitoring

PACE Sample Number:			93 0066100
Date Collected:			10/29/91
Date Received:			10/29/91
Client Sample ID:			Well #2
Parameter	Units	MDL	
FIELD ANALYSIS			
INDIVIDUAL PARAMETERS			
Depth to Water	feet	0.01	45
Temperature (Field)	Degrees C	0.5	16
pH (Field)	Units	0.1	5.8
INORGANIC ANALYSIS			
INDIVIDUAL PARAMETERS			
Arsenic	mg/L	0.001	ND
Barium	mg/L	0.10	0.53
Biochemical Oxygen Demand, 05 Day	mg/L	1.0	2.7
Cadmium	mg/L	0.001	ND
Chemical Oxygen Demand	mg/L	1	20
Chloride	mg/L	1	11
Chromium	mg/L	0.02	ND
Copper	mg/L	0.01	ND
Fluoride, Total	mg/L	0.1	ND
Iron	mg/L	0.05	1.3
Lead	mg/L	0.05	ND
Manganese	mg/L	0.01	0.56
Mercury	mg/L	0.0002	ND
Nitrogen, Nitrate in Wastewater	mg/L	0.05	0.70
Selenium	mg/L	0.001	ND
Silver	mg/L	0.01	ND
Solids, Total Dissolved	mg/L	1.0	135
Specific Conductivity	umhos/cm	1	180
Sulfate	mg/L	1	2.2
Total Organic Carbon	mg/L	1.0	2.2
Zinc	mg/L	0.01	0.037

MDL Method Detection Limit
ND Not detected at or above the MDL.

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THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

Ms. Glenna Buchanan
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November 19, 1991
PACE Project Number: A11029600

Client Reference: Landfill Monitoring

PACE Sample Number:			93 0066100
Date Collected:			10/29/91
Date Received:			10/29/91
Client Sample ID:			Well #2
Parameter	Units	MDL	
ORGANIC ANALYSIS			
INDIVIDUAL PARAMETERS			
Total Organic Halides	mg/L	0.004	0.004

MDL Method Detection Limit

These data have been reviewed and are approved for release.

Barbara M. Miller

Barbara M. Miller
Supervisor, Inorganic Chemistry

Walter L. Miller

Walter L. Miller
Regional Director

54 Ravenscroft Drive
Asheville, NC 28801
TEL: 704-254-7176
FAX: 704-252-4618

COUNTY OF JACKSON

Administrative Offices

NOV 27 1991

November 25, 1991

Mr. Bobby Lufty
NC Dept. of NRCD
Solid Waste Section
P.O. Box 27687
Raleigh, NC 27611

Dear Mr. Fufty:

Enclosed is the annual landfill monitoring for the Jackson County Landfill Permit #50-02.

Sincerely,

Glenna Buchanan

Glenna Buchanan

8 Ridgeway Street, Sylva, NC 28779 - (704) 586-4055

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Larry

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THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

50-02

SOLID WASTE SECTION
MAR 22 1991

March 12, 1991

Ms. Glenna Birchanan
Jackson (County of)
8 Ridgeway Street
Sylva, NC 28779

RE: PACE Project No. A10221.600
Effluent Monitoring

Dear Ms. Birchanan:

Enclosed is the report of laboratory analyses for samples received February 21, 1991.

If you have any questions concerning this report, please feel free to contact us.

Sincerely,

Kay H. Parris

Kay H. Parris
Project Manager

Enclosures

'91 Surface water data only

Called 3/14/91 ask they send to state also to make sure Monitoring Wells report was sent to state as requested.

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REPORT OF LABORATORY ANALYSIS

50-02

Jackson (County of)
8 Ridgeway Street
Sylva, NC 28779

March 12, 1991
PACE Project
Number: A10221600

Attn: Ms. Glenna Birchanan

Effluent Monitoring

PACE Sample Number:			93 0012620	93 0012639
Date Collected:			02/21/91	02/21/91
Date Received:			02/21/91	02/21/91
Parameter	Units	MDL	Upstream	Downstream
FIELD PARAMETERS				
INDIVIDUAL PARAMETERS				
Temperature (Field)	Degrees C	0.5	7.5	7.5
pH (Field)	Units	0.1	6.8	6.7
SUBCONTRACT ANALYSIS				
INDIVIDUAL PARAMETERS				
Total Organic Carbon	mg/L	1.0	1.2	1.2
Total Organic Halides	mg/L	0.004	ND	ND
INORGANIC ANALYSIS				
INDIVIDUAL PARAMETERS				
Arsenic	mg/L	0.001	ND	ND
Barium	mg/L	0.10	ND	ND
Biochemical Oxygen Demand, 05 Day	mg/L	1.0	1.4	LT1.0
Cadmium	mg/L	0.01	ND	ND
Chemical Oxygen Demand	mg/L	1	32	30
Chloride	mg/L	1	2.1	2.2
Chromium	mg/L	0.020	ND	ND
Copper	mg/L	0.010	ND	ND
Fluoride, Soluble	mg/L	0.1	ND	ND
Iron	mg/L	0.05	0.50	0.51
Lead	mg/L	0.05	ND	ND
Manganese	mg/L	0.01	0.035	0.029
Mercury	mg/L	0.0002	ND	ND
Nitrogen, Nitrate	mg/L	0.1	0.27	0.22
Selenium	mg/L	0.0010	ND	ND

MDL Method Detection Limit
ND Not detected at or above the MDL.
LT Less than.

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THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

50-02

Ms. Glenna Birchanan
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March 12, 1991
PACE Project
Number: A10221600

Effluent Monitoring

PACE Sample Number:			93 0012620	93 0012639
Date Collected:			02/21/91	02/21/91
Date Received:			02/21/91	02/21/91
Parameter	Units	MDL	Upstream	Downstream
INORGANIC ANALYSIS				
INDIVIDUAL PARAMETERS				
Silver	mg/L	0.010	ND	ND
Solids, Total Dissolved	mg/L	1.0	8	12
Specific Conductivity	umhos/cm	1	21	21
Sulfate	mg/L	1	2.6	2.5
Zinc	mg/L	0.01	ND	0.020

MDL Method Detection Limit
ND Not detected at or above the MDL.

The data contained in this report were obtained using EPA or other approved methodologies. All analyses were performed by me or under my supervision.

J. Allen Spivey
Director, Sampling and Analytical Services

54 Ravenscroft Drive
Asheville, NC 28801
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