



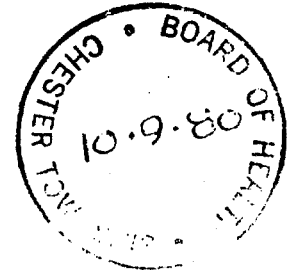
COMBE FILL CORPORATION

P.O. Box 418, Chester, N.J. 07930 201/879-7902

39827

October 6, 1980

Township of Chester
Board of Health
Box 428
Chester, New Jersey 07930



Attention: Mrs. Rita Klimkowsky, President

Dear Mrs. Klimkowsky:

Enclosed you will find the annual monitoring well analysis for Combe Fill South operated by Combe Fill Corporation. Also included, as per your request, is a map locating the respective wells.

Very truly yours,

COMBE FILL CORP.


Gary A. Molchan
Vice President and
General Manager

GAM/ejj

Enclosures

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inter-office memorandum

TO: Gary Brown

DATE: 9/25/80

FROM: Laboratory Department

SUBJECT: Test Report No. 5229-A, Monitoring Wells/Combe
Landfill, Chester Hill

This report covers the analysis of five (5) well water samples obtained by the Laboratory on September 5, 1980. The sample designations, and locations are as follows:

<u>Designation</u>	<u>Location</u>
1	Well #1
2	Well #2
3	Well #3
4	Well #4
5	Well #5

The sample designations, parameters analyzed and results are delineated in the attached table.

This analysis adhered to the following methods:

- . Standard Methods for the Examination of Water and Wastewater, 14th edition.
- . Manual of Methods for the Chemical Analysis of Water and Wastes, USEPA, 1974.

If you have any questions, please do not hesitate to contact me.

William J. Ziegler
William J. Ziegler
Lab Manager

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Parameters	WELL NO.				
	1	2	3	4	5
Total Coliform colonies/100 mls	0	0	0	3	1
Fecal Coliform colonies/100 mls	0	0	0	0	0
Fecal Streptococcus colonies/100 mls	0	0	0	0	30
Turbidity, NTU	0.3	0.4	0.3	45	260
Color, Apparent, units	5	15	10	40	500
Taste	ND	ND	ND	ND	ND
Odor, Intensity Index	II	III	II	III	IV
Arsenic, Total	<0.05	<0.05	<0.05	<0.05	<0.05
Barium, Total	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium, Hexavalent	<0.01	<0.01	<0.01	<0.01	<0.01
Cyanide	0.11	0.12	<0.10	<0.10	<0.10
Fluoride	0.47	<0.1	<0.1	0.11	<0.1
Lead, Total	<0.05	<0.05	<0.05	0.11	<0.05
Selenium, Total	<0.01	<0.01	<0.01	<0.01	<0.01
Silver, Total	<0.01	<0.01	<0.01	<0.01	<0.01
MBAS	<0.1	<0.1	<0.1	<0.1	<0.1
Chloride	76	5	3	2	98
Copper, Total	<0.05	<0.05	<0.05	<0.05	<0.05
Hardness as CaCO ₃	91	27	17	25	140
Iron, Total	0.30	0.15	0.40	1.20	3.8
Manganese, Total	<0.02	<0.02	<0.02	<0.02	0.12
Nitrate NO ₃ , as Nitrogen	0.80	0.55	0.44	1.0	1.0
Phenolics as Phenol	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium, Total	8.6	4.7	9.5	2.5	16
Sulfate	10	4.3	9.5	5.6	19
Total Dissolved Solids	380	70	130	90	470
Zinc, Total	0.07	<0.01	0.12	<0.01	0.16
COD	26	<5	9	15	29
BOD	12	13	12	14	13

NOTE: All Values are reported as mgms/l except as noted.
ND - Not Determined.

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