Area Code (314) 739-1122

WEST LAKE LANDFILL, INC

13570 St Charles Rock Road
BRIDGETON MO 63044

0714
Site: West Lake LF
ID # MBD079901932
Break: 1.1
Other: Cu2
Chm 1.25.85

RECEIVED
JUL 31 1985
WASTE MANAGEMENT PROGRAM

July 25, 1985

Mrs Geri Kountzman
Waste Management Program
Mo DNR
Box 1368
Jefferson City, Missouri 65102

Re West Lake Landfill
Bridgeton, Mo

Dear Mrs Kountzman

Attached, for your information and file, are copies of water sample analyses of the monitoring wells at West Lake Landfill for the annual and second quarter tests of 1985

The samples were collected on May 31, 1985, and tested by the Laclede Gas Company laboratory division

If there are any questions, please feel free to call

Very truly yours,

WEST LAKE LANDFILL, INC

Bill Canney

Bill Canney

BC gc

Encl
cc Mo DNR (St Louis)

40249167
SUPERFUND RECORDS

DNR 0117

LACLEDE GAS COMPANY

Laboratory Division

4118 SHREWSBURY
ST LOUIS MISSOURI 63119
(314) 644-6577

July 8, 1985

West Lakes Quarry
Attn Mr William Canney
13570 St Charles Rock Road
Bridgeton, Mo 63044

Dear Mr Canney

This report concerns sampling and analysis of well water samples for the annual and second quarter tests of 1985

All methods of analysis were taken from the "Standard Methods 16th edition'

If there are any questions, please feel free to call

Sincerely

Scott Meierotto

Scott A Meierotto

eb

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JUL 31 1985
WAST MANAGEMENT

Date 5/29 & 5/31/85

TEST PARAMETERS	1HL	2HL	3HL	34	35	36	37A	37	38	39	40
Time	9am	9 20	9 30	10 30	10 45	11 15	10 00	10 15	11 40	12 [illegible] pm	11 00
Odor	none	none	none	none	slight	mod	strong	slight	none	non	mod
Appearance	turbid	clear	clear	turb	brown	muddy	black	clear	turbid	tu [illegible] d	dark
Depth of well (ft)	27 5	28 75	31 41	63 41	62 83	40 0	52 25	27 0	50 16	50 [illegible]	60 58
Depth of water (ft)	13 59	15 75	16 41	20 08	22 92	4 0	10 0	2 5	21 5	18	15 33
C O D (mg/1)	13 2	9 4	25 6	32 1	47 3	2[illegible]0	53 0	25 6	3 7	41	41 4
Chlorides (mg/1)	1 8	4 2	6 7	27 9	31 5	1 0	67 9	57 0	18 8	35	42 4
Ammonia-N (mg/1)	0 07	0 04	0 03	0 02	0 05	0 13	0 26	0 07	0 06	0 16	0 34
N [illegible] rate/nitrite (mg/1)	1 4	1 4	0 94	0 64	1 2	2 0	3 8	0 68	1 42	44	1 2
P [illegible] sphorus - PO_4 (mg/1)	0 01	*0 01	*0 01	0 01	0 01	*0 01	*0 01	*0 01	*0 01	*0 01	0 01
S [illegible] lfate (mg/1)	60	38	49	105	*0 6	18 6	110	130	160	230	106
T [illegible] al dis solids (mg/1)	646	432	329	652	687	1611	908	938	721	100[illegible]	695
[illegible] oride (mg/1)	0 32	[illegible] 35	0 24	0 08	0 05	0 14	2 34	0 16	0 11	0 [illegible]5	0 16
p (units)	6 8	7 1	7 3	6 8	6 8	6 6	6 9	6 5	7 0	6 6	6 8
C [illegible] uctivity (umho/cm)	600	400	275	600	600	1400	850	850	700	900	600
T [illegible] on (ug/1)	0 2	0 3	0 6	*0 1	0 1	0 3	0 2	0 5	*0 1	*0 1	*0 1

[illegible] continue

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JUL 31 1985
WASTE MANAGEMENT

TEST PARAMETERS	1HL	2HL	3HL	34	35	36	37	37A	38	39	40
Calcium (mg/l)	180 5	123 4	80	162 3	205	366 8	201 0	225 9	182 4	244 6	152 33
Magnesium (mg/l)	44 1	28 2	22 8	44 6	64 9	152 4	[illegible]	90 0	38 5	109 9	69
Sodium (mg/l)	6 6	4 8	3 2	10 4	13 0	32 7	9 [illegible]	31 0	11 0	22 0	16
Silver (ug/l)	2 0	2 0	2 0	5 0	3 0	4 0	2 0	3 0	3 0	4 0	3 0
Arsenic (ug/l)	*2 5	*2 5	*2 5	3 9	28 4	32 0	12 3	*2 5	6 1	9 4	6 7
Barium (ug/l)	300	150	*100	*100	*100	*100	*100	*100	*100	*100	*1[illegible]
Cadmium (ug/l)	2 0	*2 0	*2 0	*2 0	*2 0	*2 0	*2 0	2 0	*2 0	2 0	*2
Cobalt (ug/l)	4 0	14 0	*4 0	14 0	*4 0	*4 0	15 0	14 0	19 0	20 0	10
Chromium (ug/l)	*5 0	*5 0	*5 0	*5 0	*5 0	8 0	*5 0	*5 0	*5 0	36 0	*5 0
Copper (ug/l)	5 0	*5 0	80 0	6 0	*5 0	8 0	*5 0	6 0	6 0	6 0	*5
Iron (ug/l)	24 0	57 0	28 0	6060	24350	51810	10370	10240	410	17020	98[illegible]
Mercury (ug/l)	* 1	0 3	45 4	6	8	* 1	* 1	1 4	2	1	* 1
Manganese (ug/l)	381	730	168	2650	3233	1057	5363	1772	15707	580[illegible]	78[illegible]
Lead (ug/l)	31	23	28	28	28	37	28	28	23	37	18
Selenium (ug/l)	*3 0	*3 0	*3 0	*3 0	*3 0	*3 0	*3 0	*3 0	*3 0	*3 0	*3 [illegible]
Zinc (ug/l)	3630	44250	2765	1420	2650	30	1440	7790	460	6460	130

*less than