Karen

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Litton

P. O. Box 2847, Commercial Station, Springfield, Mo. 65803 417 862-0751

January 25, 1983

Mr. Paul Meiburger
Environmental Engineer
Missouri Department of Natural Resources
P.O. Box 1368
Jefferson City, Missouri 65102

Dear Mr. Meiburger,

In reviewing your letter of January 18, 1983, containing comments on our Closure Certification submitted to Mr. Fred Lafser and reviewed by yourself, I submit the following response:

> All values for lead according to the T.E.P. procedure 10CSR25-4.010(5)(B) should be given in mg/L. This mistake was overlooked by all of us who proof read the report. Enclosed please find a revised Table 1 showing the corrected figures. Also enclosed, is a lab analysis sheet showing the T.E.P. lead levels of our samples.

If there are any additional questions pertaining to our Closure Certification Report, please contact me at anytime.

Sincerely,

David Edwards
Facilities Manager

DE/bs

Enclosures

CC: Mr. E. Enos, ACD
Mr. G. Lucey, Litton
Mr. J. Dow, ACD
Mr. P. Hickman, Hood-Rich
Ms. Karen Flournoy, EPA
Mr. B. McCullough, DNR

A-ARHM/SWMG
JAN 26
gion VII K.C., MO

R00337352
RCRA RECORDS CENTER

TABLE 1
LITTON POND CLOSURE
SUMMARY OF FINAL ANALYSIS

Sample #	Ni-ppm	Cr-ppm	Pb mg/L(TEP)	Pb-mg/kg (Total)
A-1	1.995	0.0	.30	118
A-2	1.795	0.0	.23	35
A-3	2.088	0.0	.28	30
A-4	0.193	0.0	.31	120
A-5	1.412	0.0	.31	33
A-6	2.15	0.0	.28	150
A-7	1.69	0.0	.29	240
A-8	1.18	0.0	.28	93
A-9	1.45	0.0	.31	173
A-10	0.60	0.0	.26	116
B-1	1.840	0.223	.17	66
B-2	0.817	0.025	.24	26
B-3	2.173	0.041	.32	44
B-4	4.150	0.271	.72	78
B-5	1.425	0.035	.27	70
B-6	3.670	0.202	.38	89
B-7	3.220	0.079	.40	45
B-8	2.860	0.044	.35	118
B-9	3.600	0.059	.08	25
B-10	0.910	0.043	.26	57

DESIRED CONCENTRATIONS		MAXIMUM CONCENTRATIONS
Lead (Total)	- 150 mg/kg	250 mg/kg
Chromium	- 1.5 ppm	2.5 ppm
Nickel	- 4.0 ppm	10 ppm
Lead (TEP)	- 1.5 ppm	2.5 ppm

QUALITY CONTROL LABORATORY ANALYSIS TEST REQUEST

1 OF _____

Originator D. EDWARDS	Dept. FAC.	Ext. 329	Date SEPT. 1982
Date Req'd	Time Req'd	Approval	Shift

SAMPLE DESCRIPTION:

POND CLOSURE SAMPLES A-1 - A-10 & B-1 - B-10

ANALYSIS/TEST REQUIRED (EXPLANATION FULLY):

TEP Pb (mg/L)

DATA/RESULTS:

SAMPLE #	TEST DATE	Pb (mg/L)		SAMPLE #	TEST DATE	Pb (mg/L)
A-1	9-3-82	0.30		B-1	8-30-82	0.17
A-2	9-3-82	0.23		B-2	9-1-82	0.24
A-3	9-3-82	0.28		B-3	9-1-82	0.32
A-4	9-3-82	0.31		B-4	9-1-82	0.72
A-5	9-2-82	0.31		B-5	9-1-82	0.27
A-6	9-10-82	0.28		B-6	9-8-82	0.38
A-7	9-10-82	0.29		B-7	9-8-82	0.40
A-8	9-10-82	0.28		B-8	9-8-82	0.35
A-9	9-10-82	0.31		B-9	9-10-82	0.08
A-10	9-10-82	0.26		B-10	9-8-82	0.26

CALCULATIONS:

Lab TECH C. Siplinger DATE & TIME COMP. 9-13-82

Distribution: Originator, Lab file. Originator is responsible for any additional distribution.

QC-1135, REV A