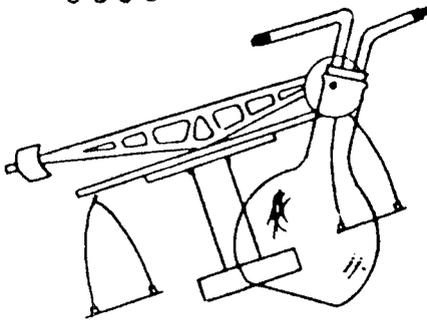


0006



Ford Chemical

LABORATORY, INC.
Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

PHONE 466-8761

DATE: 12/14/88

CERTIFICATE OF ANALYSIS

UTAH POWER & LIGHT
ATTN: GUY DAVIS
P.O. BOX 310
HUNTINGTON, UT 84528

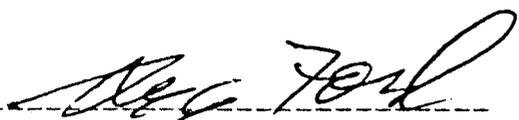
88-004742

SAMPLE: SOIL SAMPLE #2 FROM DEER CR MINE UST EXCAVATION SE CORNER 2'
DOWN COLLECTED 12-6-88, 12:15 BY G.D. RECEIVED 12-7-88 FOR
EP TOXIC ANALYSIS USING PROCEDURE SW846 LEACHABLE METALS.

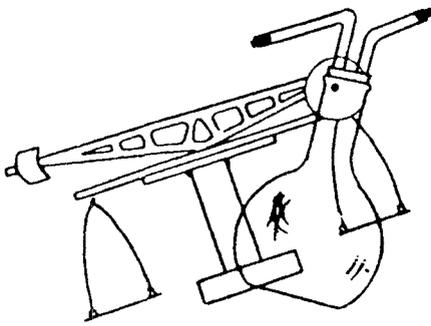
RESULTS

=====	
1-Arsenic as As mg/l SM304	<.002
1-Barium as Ba mg/l SM303C	.33
1-Cadmium as Cd mg/l SM304	<.005
1-Chromium as Cr mg/l SM304	<.001
1-Lead as Pb mg/l SM304	<.002
1-Mercury as Hg mg/l SM320A	<.0002
1-Selenium as Se mg/l SM304	<.001
1-Silver as Ag mg/l SM304	<.001
1-pH Final Units	4.99
1-pH Initial Units	7.90
Liquid % E.P. Toxic SW 846	<.1
Solids % EP Toxic SW 846	100

ATTACHMENT 1 cont.


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Bacteriological and Chemical Analysis

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 ATTN: GUY DAVIS
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 HUNTINGTON, UT 84528

88-004743

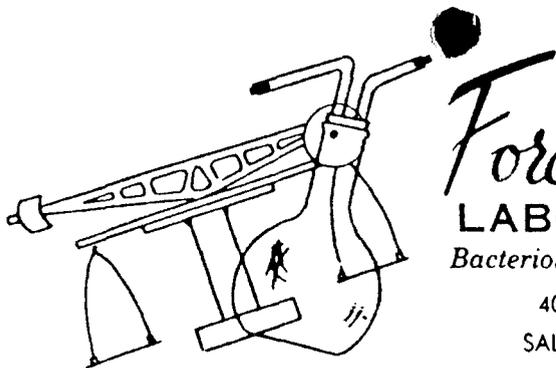
SAMPLE: SOIL SAMPLE #3 FROM DEER CR. MINE UST EXCAVATION SW CORNER 2'
 DOWN COLLECTED 12-6-88, 12:20 BY G.D. RECEIVED 12-7-88 FOR
 EP TOXIC ANALYSIS USING PROCEDURE SW846 LEACHABLE METALS.

RESULTS

1-Arsenic as As mg/l SM304	<.002
1-Barium as Ba mg/l SM303C	.36
1-Cadmium as Cd mg/l SM304	<.005
1-Chromium as Cr mg/l SM304	<.001
1-Lead as Pb mg/l SM304	<.002
1-Mercury as Hg mg/l SM320A	<.0002
1-Selenium as Se mg/l SM304	<.002
1-Silver as Ag mg/l SM304	<.001
1-pH Final Units	5.10
1-pH Initial Units	8.40
Liquid % E.P. Toxic SW 846	<.1
Solids % EP Toxic SW 846	100

ATTACHMENT 1 cont.

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HUNTINGTON, UT 84528

88-004744

SAMPLE: SOIL SAMPLE #4 FROM DEER CR MINE UST EXCAVATION NW CORNER 2'
DOWN COLLECTED 12-6-88, 12:25 BY G.D. RECEIVED 12-7-88 FOR
EP TOXIC ANALYSIS USING PROCEDURE SW846 LEACHABLE METALS.

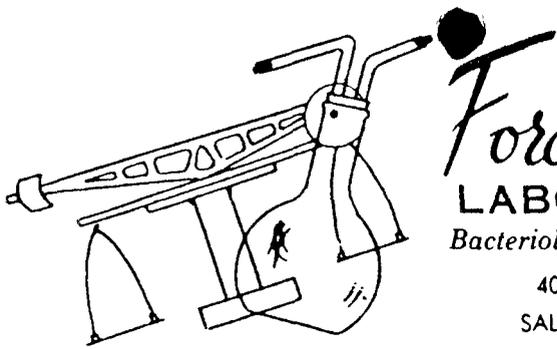
RESULTS

=====	
1-Arsenic as As mg/l SM304	<.002
1-Barium as Ba mg/l SM303C	.54
1-Cadmium as Cd mg/l SM304	<.005
1-Chromium as Cr mg/l SM304	<.001
1-Lead as Pb mg/l SM304	<.002
1-Mercury as Hg mg/l SM320A	<.0002
1-Selenium as Se mg/l SM304	<.002
1-Silver as Ag mg/l SM304	<.001
1-pH Final Units	5.03
1-pH Initial Units	9.00
Liquid % E.P. Toxic SW 846	<.1
Solids % EP Toxic SW 846	100

ATTACHMENT I cont.

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UTAH POWER & LIGHT
ATTN: GUY DAVIS
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88-004745

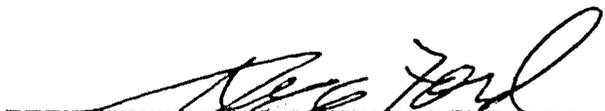
SAMPLE: SOIL SAMPLE #5 FROM DEER CR MINE UST EXCAVATION CENTER 6'
DOWN COLLECTED 12-6-88, 12:35 BY G.D. RECEIVED 12-7-88 FOR
EP TOXIC ANALYSIS USING PROCEDURE SW846 LEACHABLE METALS.

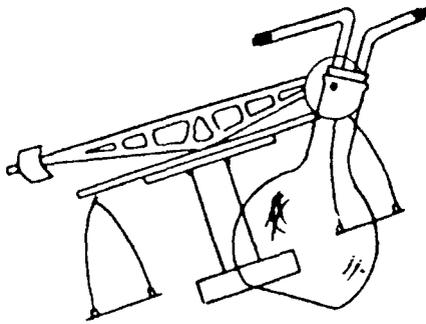
RESULTS

=====

1-Arsenic as As mg/l SM304	<.002
1-Barium as Ba mg/l SM303C	1.33
1-Cadmium as Cd mg/l SM304	<.005
1-Chromium as Cr mg/l SM304	<.001
1-Lead as Pb mg/l SM304	<.002
1-Mercury as Hg mg/l SM320A	<.0002
1-Selenium as Se mg/l SM304	<.002
1-Silver as Ag mg/l SM304	<.001
1-pH Final Units	5.02
1-pH Initial Units	9.00
Liquid % E.P. Toxic SW 846	<.1
Solids % EP Toxic SW 846	100

ATTACHMENT 1 cont.


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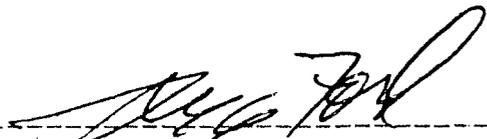
88-004741

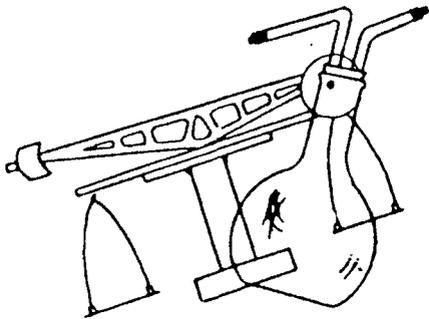
SAMPLE: SOIL SAMPLE #1 FROM DEER CR MINE UST EXCAVATION NE CORNER
2' DOWN COLLECTED 12-6-88, 12:05 BY GUY DAVIS RECEIVED 12-7
FOR EP TOXIC ANALYSIS USING PROCEDURE SW846 LEACHABLE METALS

RESULTS

1-Arsenic as As mg/l SM304	<.002
1-Barium as Ba mg/l SM303C	.07
1-Cadmium as Cd mg/l SM304	<.005
1-Chromium as Cr mg/l SM304	<.001
1-Lead as Pb mg/l SM304	<.002
1-Mercury as Hg mg/l SM320A	<.0002
1-Selenium as Se mg/l SM304	<.002
1-Silver as Ag mg/l SM304	<.001
1-pH Final Units	5.05
1-pH Initial Units	8.00
Liquid % E.P. Toxic SW 846	<.1
Solids % EP Toxic SW 846	100

ATTACHMENT 1 cont.


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Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

PHONE 466-8761

DATE: 12/14/88

CERTIFICATE OF ANALYSIS

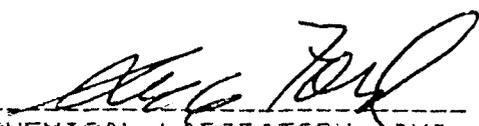
UTAH POWER & LIGHT
ATTN: GUY DAVIS
P.O. BOX 310
HUNTINGTON, UT 84528

88-004740

SAMPLE: SOIL SAMPLES FROM DEER CREEK MINE UST EXCAVATION COLLECTED
12-6-88 BY GUY DAVIS RECEIVED 12-7-88 FOR ANALYSIS STARTING
AT 4 P.M. UNDER PD #JS-306255.

	12:05	12:15	12:20	12:25	12:35
SAMPLE #1	SE CORNER	SW CORNER	NW CORNER	CENTER	
	NE CORNER	2' DOWN	2' DOWN	2' DOWN	6' DOWN
	2' DOWN				

Benzene ppm EPA 602	<.006	<.011	.280	.014	.058
Ethyl Benzene ppm EPA 602	<.006	.193	.608	<.006	1.311
O,Xylene ppm EPA 602	<.006	.210	1.342	.254	5.069
P,M Xylene ppm EPS 602	<.006	.360	1.743	.071	5.064
Toluene ppm EPA 602	.052	.100	.643	.087	1.016
Tot.Hydrocarbon ppm EPA418.1	.09	.91	4.63	.55	12.65


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ATTACHMENT 1