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Los Alamos

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memorandum

TO: A. John Ahlquist, HSE-8, MS K490

DATE: March 1, 1985

FROM: [redacted]

MAIL STOP/TELEPHONE: K490/7-0808

SYMBOL: HSE8-85-200

SUBJECT: DP ROAD TANK FARM SAMPLE RESULTS

Attached you will find the DP Road tank farm soil sample analytical results for lead, arsenic and total extractable organics as well as a map of sample locations. Samples were analyzed by current EP Toxicity methods by HSE-9 personnel. Soil samples were collected on 11/27/84 and soil sample controls and liquid samples from the tanks collected on 1/17/85. As there was snow on the ground on both of these dates, we were unable to take Phoswich measurements.

As a note of the liquids collected, samples A-D were fuel-range petroleum distillates with sample A containing 30-50% ethyl alcohol.

LSF:mm

Attachment: a/s

Cy: Roger Ferenbaugh, HSE-8, MS K490
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HSE-8 File, MS K490

Received by ER IRF
2 1992

[illegible] FORM - ANALYTICAL RESULTS

[illegible]	LEAD RESULTS (mg/L)	UNCERTAINTY (±)	ARSENIC RESULTS (mg/L)	UNCERTAINTY (±)	PET TOTAL HYDROCARBONS RESULTS (mg/L)	DILUTION RATIO	MISCELLANEOUS
[illegible]2	<0.1000	0.0120	0.0019	0.0005	<19.0	50:1	
[illegible]	<0.1000	0.0180	<0.0016	0.0001	<19.0	50:1	
[illegible]-6B	<0.1000	0.0210	0.0025	0.0006	20.0	50:1	
B-6	<0.1000	0.0420	<0.0016	0.0003	<19.0	50:1	
B-8	<0.1000	0.0440	<0.0016	0.0002	<19.0	50:1	
B-9W	<0.1000	0.0260	<0.0016	0.0003	<19.0	50:1	
B-9E	<0.1000	0.0190	<0.0016	0.0004	20.0	50:1	
B-10	<0.1000	0.0600	<0.0016	0.0002	<19.0	50:1	
B-10E	<0.1000	0.0880	0.0042	0.0005	9.5	25:1	
B-11	<0.1000	0.0300	0.0027	0.0004	0.5	25:1	
B-11B	<0.1000	0.0260	<0.0016	0.0003	8.5	25:1	

[illegible] PLEASE SEE ATTACHED MAP

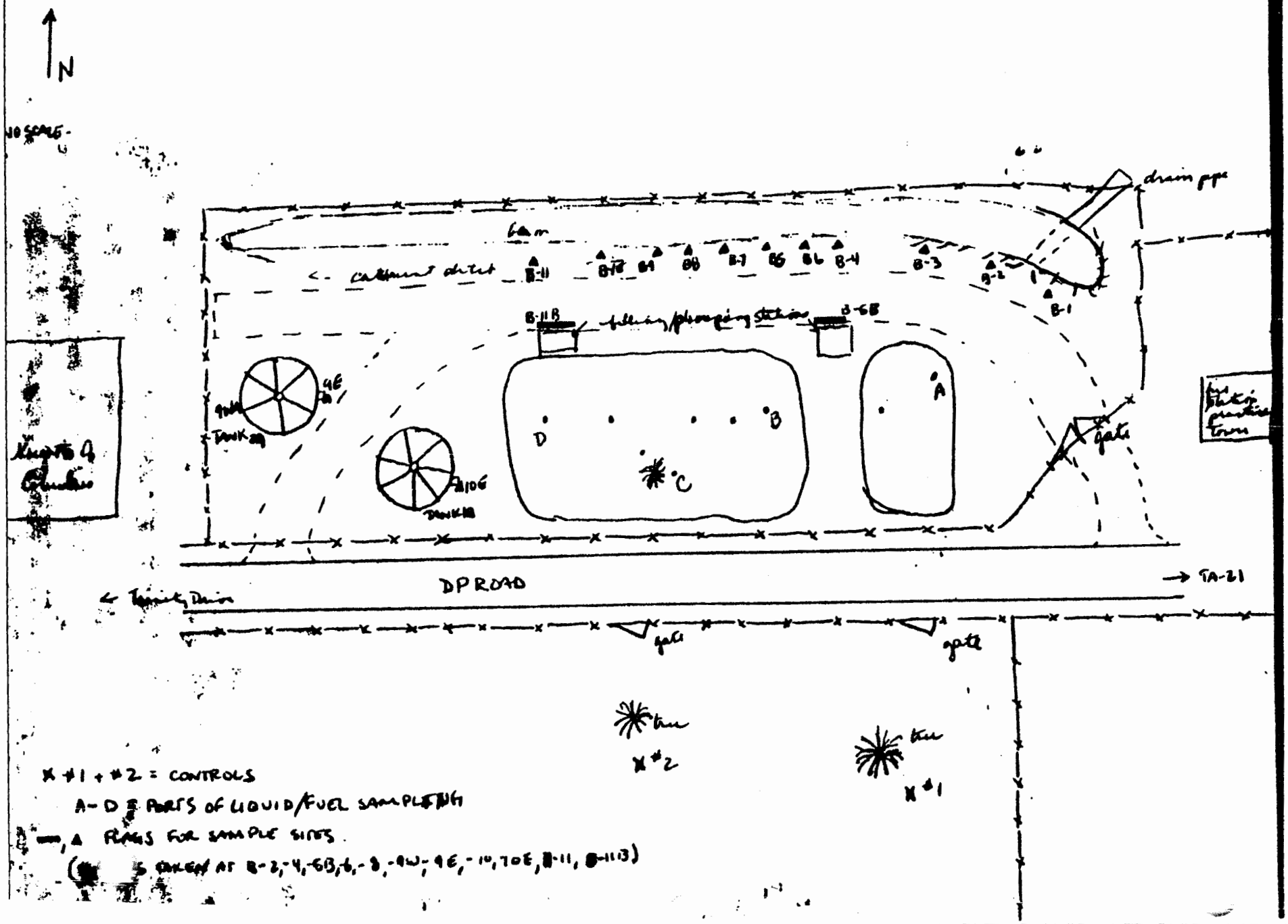
44 $\frac{\text{mg (total reported)}}{\text{g (soil)}}$, [illegible] from limit of detection = .38 mg/g soil, uncertainty ± 25%

CONTROLS

SAMPLE [illegible] #	LEAD RESULTS (mg/L)	UNCERTAINTY ±	ARSENIC RESULTS (mg/L)	UNCERTAINTY (±)
1	<0.1000	0.0040	<0.0016	0.0002
2	<0.1000	0.0280	0.0018	0.0003

DP ROAD - GAS TANK FARM SOIL SAMPLING LOCATIONS

1/17/86



X #1 + #2 = CONTROLS

A-D = PORTS OF LIQUID/FUEL SAMPLING

—, ▲ FLAGS FOR SAMPLE SITES.

(■ = FOUND AT B-2, -4, -6B, -6, -8, -9W, -9E, -10, 7OE, B-11, B-11B)