KLEINFELDER

September 10, 1989
File: 10-1682-03/38

Mr. Dennis Hunt
Industrial Asphalt
P.O. Box 636
52 El Charro Road
Pleasanton, CA 94566

SUBJECT: Monthly Monitoring, Environmental Engineering Services
Industrial Asphalt Facility, Pleasanton, California

Dear Mr. Hunt:

Kleinfelder, Inc., is pleased to submit the results of our monthly monitoring and sampling activities at the Industrial Asphalt facility in Pleasanton, California. Field activities were performed on August 15 through 17, 1989.

Water level and free product thickness data for the seven onsite monitoring wells are presented in the attached table. The remaining four wells were dry or had an insufficient volume of water to obtain a representative sample. A summary of analytical data for the sampled ground water monitoring wells MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, and MW-10 is also included in this table. At this time, as requested by the Alameda County Department of Environmental Health, ground water samples collected from two new monitoring wells, MW-9 and MW-10, were analyzed for benzene, toluene, xylenes, and ethylbenzene (BTXE) in addition to the standard suite of analyses which included total petroleum hydrocarbons (TPH) and polychlorinated biphenyls (PCBs). BTXE analyses on ground water samples from the remaining wells were performed last month.

Generally, as indicated by the data, the ground water table beneath the project site dropped as compared to the previous monitoring round. Chemical analyses of ground water samples indicate the presence of dissolved hydrocarbons as diesel (TPH-D) in monitoring wells MW-7 and MW-8. In addition, a sample collected from well MW-8 contained relatively low concentrations of TPH as waste oil (TPH-WO) and polychlorinated biphenyls (PCBs). Analyses for BTXE revealed no presence of these compounds at or above detection limits in the two water samples.

Based on the analytical results, it appears that purge water from wells MW-4, MW-5, MW-6, MW-9, and MW-10 can be disposed of on the ground. Purge water from well MW-7, which contains dissolved diesel oil, may be utilized in the manufacture of asphalt at the Industrial Asphalt facility. However, liquid contained in a drum marked MW-8 is contaminated with PCBs (in addition to TPH) and as such should be disposed of according to applicable regulations.

(69)10-1682-03/38

LIMITATIONS

This report was prepared in general accordance with the accepted standard of practice which exists in Northern California at the time the investigation was performed. It should be recognized that definition and evaluation of environmental conditions is a difficult and inexact art. Judgements leading to conclusions and recommendations are generally made with an incomplete knowledge of the conditions present. More extensive studies, including additional environmental investigations, can tend to reduce the inherent uncertainties associated with such studies. If the Client wishes to reduce the uncertainty beyond the level associated with this study, Kleinfelder should be notified for additional consultation.

Our firm has prepared this report for the Client's exclusive use for this particular project and in accordance with generally accepted engineering practices within the area at the time of our investigation. No warranties, expressed or implied, as to the professional advice provided are made.

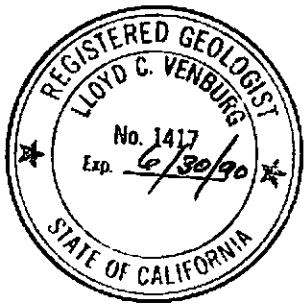
If you have any questions, please contact the undersigned.

Sincerely,

KLEINFELDER, INC.

Krzysztof (Krys) S. Jesionek,
Project Geohydrologist

Lloyd C. Venburg, R.G.
Senior Project Manager



KSJ:LV:cd

cc: Mr. Dwight Beavers, Industrial Asphalt
Mr. Gil Wistar, Alameda County Department of Environmental Health
Mr. Lester Feldman, California Regional Water Quality Control Board
Mr. Jerry Killingstad, Alameda County Flood Control and Water Conservation District - Zone 7

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TABLE
MONITORING PARAMETERS (8/15/89)
INDUSTRIAL ASPHALT

Monitoring Well	Total Depth (feet)	Depth to Water (1) (feet)	Product Thickness (feet)	TPH as Diesel (mg/l)	TPH as Waste Oil (mg/l)	PCBs (ug/l)	BTXE (ug/l)
MW-1	88	DRY	NE	NT	NT	NT	NT
MW-2	90	DRY	NE	NT	NT	NT	NT
MW-3	90	DRY	NE	NT	NT	NT	NT
MW-4	95	90.68	NE	ND	ND	ND	NT
MW-5	110	98.93	NE	ND	ND	ND	NT
MW-7	109	94.28	NE	0.5	ND	ND	NT
MW-8	109	93.08	SHEEN	12	6	0.9	NT
MW-9	108	92.95	NE	ND	ND	ND	ND
MW-10	111	92.40	NE	ND	ND	ND	ND
MW-11	75	DRY	NE	NT	NT	NT	NT

NOTE:

(1)	Below top of casing
TP	Total Petroleum Hydrocarbons
PCBVs	Polychlorinated Biphenyls (Aroclor 1260)
BTXE	Benzene, Toluene, Xylenes, Ethylbenzene
NE	Not Encountered
NT	Not Tested
ND	Not Detected at or above laboratory detection limits.