KLEINFELDER

18 January 1990
File: 10-1682-03/38

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

SUBJECT: December 1989 Monthly Monitoring, Industrial Asphalt, 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 27 December 1989 through 29 December 1989.

Water level and free product thickness data for the seven onsite monitoring wells are shown on the attached table. The four other wells (MW-1, MW-2, MW-3, and MW-11) were dry on the sampling days. Surface water level in the pond was obtained from the staff gage.

Collected ground water samples were tested for the standard suite of constituents which included total petroleum hydrocarbons (TPH) as diesel/waste oil and polychlorinated biphenyls (PCBs). A summary of the analytical data for the sampled ground water from monitoring wells MW-4, MW-5, MW-6, MW-7, MW-8, MW-9 and MW-10 is also included in the attached table.

As indicated by the data, the ground water table beneath the project site declined as compared to the previous monitoring round (November 1989). As discussed in the past, this is consistent with the continuous decreasing trend in ground water elevation which has been observed in the site vicinity.

A ground water surface map has been developed from the data obtained on 27 December 1989. Interpretation of the data indicates that ground water flow was towards the northeast at an approximate hydraulic gradient of 1.3% (Plate 1).

As shown in the attached table, no free product or sheen was noted on the ground water surface in any of the site monitoring wells.

Chemical analyses of ground water samples indicate the presence of dissolved hydrocarbons as diesel only in monitoring well MW-8 at concentration of 0.4 mg/l. Polychlorinated Biphenyls (PCBs) were not found in any water sample collected.

Based upon the analytical results, it appears that disposal of the purge water from wells MW-4, MW-5, MW-6, MW-7, MW-9, and MW-10 can be on the ground. Purge water from well MW-8 can be recycled in manufacturing processes used by Industrial Asphalt.

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.

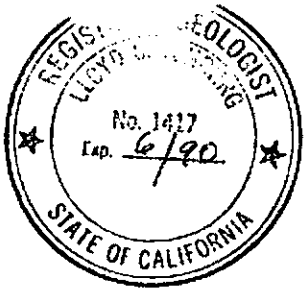
If you have any questions, please call the undersigned.

Sincerely,

KLEINFELDER, INC.

Krzysztof (Krys) S. Jesionek
Project Manager

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



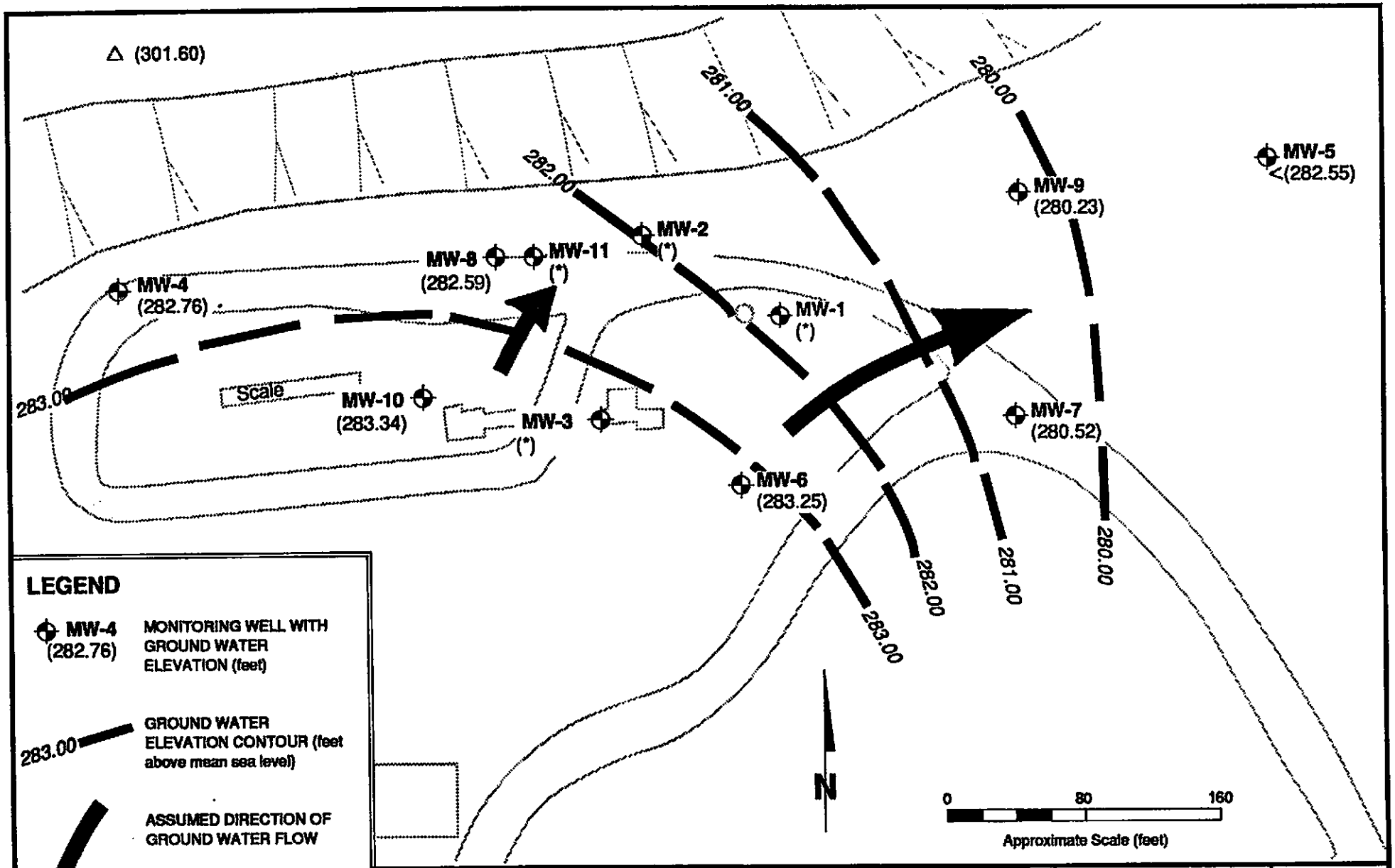
cc: Dwight Beavers, Industrial Asphalt
Gil Wistar, Alameda County Department of Environmental Services
Lester Feldman, California Regional Water Quality Control Board
Jerry Killingstad, Alameda County Flood Control and Water Conservation District

MONITORING PARAMETERS (12/27/89)
INDUSTRIAL ASPHALT

Monitoring Well	Total Depth (feet)	Depth to Water[1] (feet)	Ground Water Elevation[2] (feet)	Product Thickness (feet)	TPH as Diesel (mg/l)	TPH as Waste Oil (mg/l)	PCBs µg/l
MW-1	88	DRY	NA	NE	NT	NT	NT
MW-2	90	DRY	NA	NE	NT	NT	NT
MW-3	90	DRY	NA	NE	NT	NT	NT
MW-4	95	93.50	282.76	NE	ND	ND	ND
MW-5	110	>100	<282.56	NE	ND	ND	ND
MW-6	109	95.90	383.25	NE	ND	ND	ND
MW-7	1009	98.42	280.52	NE	ND	ND	ND
MW-8	109	95.97	282.59	NE	0.4	ND	ND
MW-9	108	97.17	280.23	NE	ND	ND	ND
MW-10	111	94.70	283.34	NE	ND	ND	ND
MW-11	75	DRY	NA	NE	NT	NT	NT
SG	NA	1.60[3]	301.60[4]	NA	NA	NA	NA

NOTES:

(1) Below top of casing
(2) Feet above mean sea level (USGS Datum)
(3) Reading on the staff gage
(4) Surface water elevation in the pit
TPH Total Petroleum Hydrocarbons
PCBs Polychlorinated Biphenyls (Aroclor 1260)
NE Not Encountered
ND Not Detected at or above laboratory detection limits
NA Not Applicable
SG Staff Gage



LEGEND

MW-4 (282.76)	MONITORING WELL WITH GROUND WATER ELEVATION (feet)
283.00	GROUND WATER ELEVATION CONTOUR (feet above mean sea level)
	ASSUMED DIRECTION OF GROUND WATER FLOW
(*)	DRY OR NOT ACCESSIBLE WELL
△ (301.50)	SURFACE WATER ELEVATION (feet, above mean sea level)

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DRAFTED BY: L. Sue DATE: 1-15-90

CHECKED BY: K. Jesionek DATE: 1-15-90

GROUND WATER SURFACE CONTOUR MAP ON DECEMBER 27, 1989

INDUSTRIAL ASPHALT
PLEASANTON, CALIFORNIA

PROJECT NO. 10-1682-03

PLATE 1