



**TESTING
AND
TECHNOLOGY**

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PRECISION TANK TESTING & MONITORING WELL SERVICES

Orin

October 23, 1989

10/22/89

ALAMEDA COUNTY
DEPT. OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS

Carl Johnson
MONTEREY MECHANICAL CO.
8275 San Leandro Street
Oakland, CA 94621

Dear Carl,

Please let us to take this opportunity to thank you for allowing TAT to be of service to you.

Enclosed are the results of the underground storage tank test performed on October 19th at Monterey Mechanical Co.

As you already know, the tank failed with a problem that appears to be within 20" inches, (+/-), below grade.

I have sent a copy of these reports on to Edgar Howell of the County of Alameda Enviromental Health Department for your convenience.

If you have any further questions please feel free to call me at, (415) 883-5070.

Sincerely,

Jolene Latchin
Office Manager

JL/cg enclosures

CC: Edgar Howell, County of Alameda Environmental Health

TESTING AND TECHNOLOGY

TEST REPORT HORNER 'EZY CHEK' LEAK DETECTOR

COMPANY MONTEREY MECHANICAL DATE 10/19/89 INVOICE 2571 TANK # 1
 PRODUCT UNLEADED CAPACITY 2,000 MEASURED API 57.5 TEMPERATURE 70.5
 ADJUSTED API 56.2 COEF OF EXPANSION .00066302 TEMP SHIFT FACTOR 1.2600
 CALIBRATING ROD .05 DIVIDED BY # LINES 16 = CHART CALIB FACTOR .00313
 OTHER 25 GALLONS ADDED AT 11:00 TO OVERFILL TANK FOR TEST

TIME	TEST HEIGHT	CHART # 'S	GAIN LOSS	CHART FACTR	LEVEL RESLT	TEMP STRT	TEMP END	GAIN LOSS	TEMP FACTR	TEMP RESULT	6 MIN RESULT IN GAL	HOURLY RESULT GAL/HR
	32"			.00313					1.2600			
12:30		60 50	-10		-.0313	.576	.563	-.013		-.0126	-.0187	
12:45		50 41	-9		-.0279	.563	.559	-.004		-.0050	-.0229	
13:00		41 31	-10		-.0313	.559	.565	+.006		+.0075	-.0388	
13:15		31 21	-10		-.0313	.565	.550	-.015		-.0189	-.0124	
13:30		68 56	-8		-.0250	.550	.554	-.006		-.0076	-.0174	
13:45		56 48	-8		-.0250	.544	.540	-.004		-.0050	-.0200	
14:00		48 41	-8		-.0250	.540	.531	-.009		-.0113	-.0137	
14:15		41 33	-8		-.0250	.531	.523	-.008		-.0101	-.0149	
14:30		33 29	-8		-.0250	.523	.517	-.006		-.0076	-.0174	
14:45		79 67	-12		-.0376	.517	.509	-.008		-.0101	-.0275	
15:00		67 55	-12		-.0376	.509	.503	-.006		-.0076	-.0300	
15:15		55 46	-9		-.0279	.503	.497	-.006		-.0076	-.0203	
15:30		46 34	-12		-.0376	.497	.495	-.004		-.0050	-.0326	
15:45		34 20	-14		-.0438	.495	.493	-.004		-.0050	-.0388	-.1216

RESULTS CERTIFIED TIGHT NO AT TEST HEIGHT OF 32" LOSS RATE (GPH) -.1216 (+/-)

TESTED BY *John Dager*
 JOHN DAGER

COMMENTS

THE DATA FOR THIS TEST MEETS NFPA 329 STANDARDS. THE EQUIPMENT USED TO GENERATE THIS DATA IS ABLE TO DETECT A PRODUCT LOSS AT THE RATE OF 0.05 GALLONS PER HOUR. THIS IS NOT TO BE CONSTRUED AS AN ALLOWABLE LEAK RATE, BUT RATHER AS AN ACCURATE TOLERANCE OF THE TESTING EQUIPMENT WHICH ALLOWS FOR THE MANY VARIABLES INVOLVED. TAT GUARANTEES ONLY THAT THE DATA FOR THIS REPORT MEETS NFPA CRITERIA ON THE DATE OF THIS TEST. TAT MAKES NO WARRANTY OF TANK AND/OR LINE FITNESS NOR DO WE ASSUME RESPONSIBILITY FOR ANY LEAKAGE WHICH MAY HAVE OCCURRED AS A RESULT OF THIS TEST.

TESTING AND TECHNOLOGY
25 L COMMERCIAL BLVD, NOVATO, CA 94949

(415) 883-5070

INVOICE # 2571 TEST DATE 10/19/89

COMPANY NAME MONTEREY MECHANICAL

PHONE # 632-3173

MAIL ADDRESS 8275 SAN LEANDRO ST., OAKLAND 94621

TANK ADDRESS SAME

CONTACT NAME CARL JOHNSON, ORDER # C - 7259, JOB # 8330 PHONE # SAME, X 116

TANK INFORMATION

TANK #	1
PRODUCT	UNLEADED
CAPACITY	2,000
CONSTRUCTION	DBL STEEL
AGE (ESTIMATE)	18 MONTHS
DIAMETER	63"
FILL PIPE	17"
TANK BOTTOM DEPTH	80"
PUMP TYPE	PRESSURE
VAPOR RECOVERY	PHASE II
TANK WATER	NONE
DATE/TIME FILLED	10/18/89
GALLONS TO TOP OFF	UNKNOWN
GROUND WATER DEPTH	8'+
PRODUCT ON ARRIVAL	AT TANK TOP
TEST EQUIPMENT	HORNER

RESULTS

TANK TEST	FAIL
LOSS RATE	-.1216
PRODUCT LINE TEST	UNTESTABLE
LEAK DETECTOR TEST	NO LEAK DETECTOR

COMMENTS PROBLEM APPEARS TO BE WITHIN 20" (+/-) BELOW GRADE.