PORT OF OAKLAND

May 27, 1994

Barney Chan
Hazardous Materials Specialist
Alameda Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Dear Mr. Chan:

RE: Request for Tank Tightness Test Results - Oakland Airport Underground Storage Tank MF11, John Glenn Drive (Building M-104)

Please find the enclosed results of a tank integrity test that was conducted on the above-referenced underground storage tank on October 21, 1993. The results show that the tank meets the regulatory standard for tightness. If you have any questions regarding this issue, please do not hesitate to contact me at 272-1373.

Sincerely,

Patricia Murphy
Associate Environmental Scientist

Enclosure

ALCO HAZMAT
94 MAY 31 PM 2:48

530 Water Street ■ Jack London's Waterfront ■ P.O. Box 2064 ■ Oakland, California 94604-2064
Telephone (510) 272-1100 ■ Fax (510) 272-1172 ■ Cable address, PORTOFOAK, Oakland

Western Operations

1252 Quarry Lane
P.O. Box 9019
Pleasanton, CA 94566
(510) 426-2600
Fax (510) 426-0106

Clayton
ENVIRONMENTAL
CONSULTANTS

October 27, 1993

Mr. Dan Schoenholz
PORT OF OAKLAND
Environmental Department
530 Water Street
Oakland, CA 94607

Clayton Project No. 50767.00

Subject: Tank Integrity Testing Results

Dear Mr. Schoenholz:

Clayton Environmental Consultants, Inc. is pleased to report the results and observations of the tank integrity tests recently completed at:

Port of Oakland
M-104 (North Field)
Oakland, California

The tank was tested on October 21, 1993, using the Horner EZY-CHEK tank testing system.

The results of the tests are provided below.

Tank	Capacity (Gallons)	Product	Level	Results (Gal/Hr)
M-104	8,000	Diesel	High	-0.01918

* GPH @ 95% confidence of <.1 as accepted by the State of California and the Environmental Protection Agency.

The tank was shown to be "product tight."

In certain jurisdictions, notification of tank test results is required within 30 days of the test. *If notification is required, it is the responsibility of the tank owner to provide this* information to the proper regulatory agency.

Sincerely,

Richard J. Silva

Richard J. Silva
Geologist/Environmental Technician
Lic. #91-1437

RJS/cmh
Enclosures:

Chart Recorder Graph	1
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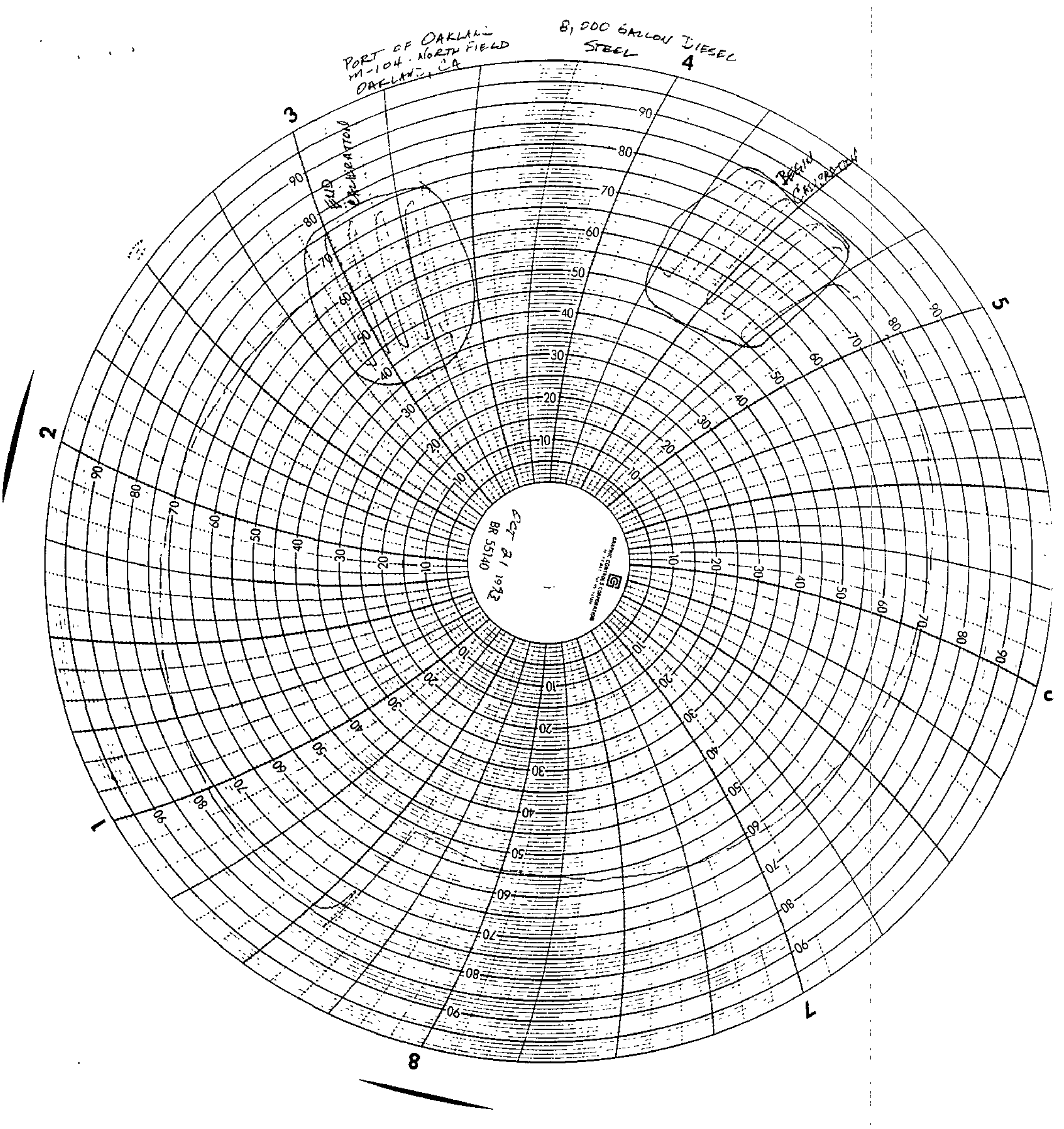
CHART RECORDER GRAPH

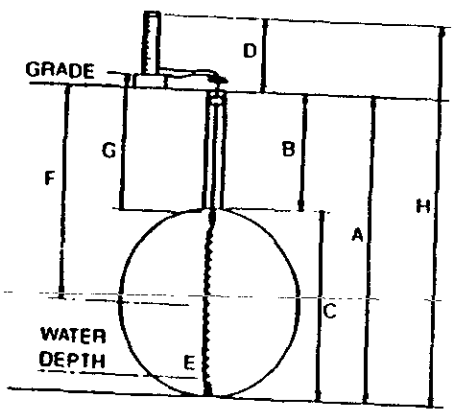

PORT OF OAKLAND
M-104 - NORTH FIELD
OAKLAND, CA
8,000 GALLON DIESEL
STEEL
END CALIBRATION
BEGIN CALIBRATION
OCT 21 1993
BR 55140
GRAPHIC CONTROLS CORPORATION

Clayton
ENVIRONMENTAL
CONSULTANTS

DATA SHEET

DATA CHART FOR TANK SYSTEM TIGHTNESS TEST
(EZY CHEK)

Time (Military)	Reading No	PRODUCT MONITORING ON LLR Start	End	+Gain -Loss	X Factor A	Product +Gain -Loss	TEMPERATURE COMPENSATION A Start	End	+Gain -Loss	X Factor B	+Expansion -Contraction	TEMPERATURE COMPENSATION B Start	End	+Gain -Loss	X Factor B	+Expansion -Contraction	NET VOL CHANGE	LLR
1430	1	76	76	0	.00158	0	5.784	5.787	+.003	3.650	+.01095						-.01095	
1435	2	76	74	-2		-.00316	5.787	5.786	-.001		-.00365						+.00779	
1440	3	74	71	-3		-.00474	5.786	5.785	-.001		-.00365						+.00049	
1445	4	71	69	-2		-.00316	5.785	5.784	-.001		-.00365						-.00109	
1450	5	69	66	-3		-.00471	5.784	5.783	-.001		-.00365						-.00109	
1455	6	66	63	-3		-.00474	5.783	5.782	-.001		-.00365						-.00316	-.00316
1500	7	63	61	-2		-.00316	5.782	5.782	0		0						-.00109	-.00425
1506	8	61	58	-3		-.00474	5.782	5.781	-.001		-.00365						-.00109	-.00534
1510	9	58	55	-3		-.00474	5.781	5.781	-.001		-.00365						+.00049	-.00485
1515	10	55	53	-2		-.00316	5.781	5.782	-.001		-.00365						-.00316	-.00801
1520	11	53	51	-2		-.00316	5.782	5.782	0		0						-.00158	-.00959
1525	12	79	78	-1		-.00158	5.782	5.782	0		0						-.00316	-.01275
1528	13	78	76	-2		-.00316	5.782	5.782	0		0						+.00049	-.01226
1535	14	76	74	-2		-.00316	5.782	5.781	-.001		-.00365						+.00049	-.01177
1540	15	74	72	-2		-.00316	5.781	5.780	-.001		-.00365						-.00316	-.01493
1545	16	72	70	-2		-.00316	5.780	5.780	0		0						-.00109	-.01602
1550	17	70	67	-3		-.00474	5.780	5.779	-.001		-.00365						-.00316	-.01918
1555	18	67	65	-2		-.00316	5.779	5.779	0		0							



A.	Tank Bot. to Grade	130½"
B.	Tank Top to Grade	34 "
C.	Tank Diameter	96½"
D.	Test Level above grade	10 "
E.	Depth of water in tank	0 "
F.	Depth for taking sample	65 "
G.	Temp. Probe depth (connector)	36 "
H.	Test level to Tank Bot.	140 "
I.	Groundwater above tank bottom	0 "
J	Product Pressure per 1" height	.032 PSI

Test Pressure Formula

$$\frac{140}{H} \times \frac{.032}{J} - \left(\frac{\quad}{I} \times .036\right) = \frac{4.48}{\text{NET TEST PRESSURE}}$$

Send Report to:
Client PORT OF OAKLAND
Address 530 WATER STREET
City, State OAKLAND, CALIFORNIA
Phone (510)272-1220
Attn: MR. DAN SCHOENHOLZ

CERTIFICATION This is to certify that this tank system was tested on date shown Those indicated Tight meet the criteria established by the National Fire Protection Association Pamphlet 329

Tank No M-104 (NORTH FIELD)
Tight YES
Leakage Indicated -0.01918
Technician RICHARD SILVA Lic. # 91-1437
Date Tested OCTOBER 21 [illegible]