

EAST MAUI IRRIGATION COMPANY, LIMITED

A SUBSIDIARY OF ALEXANDER & BALDWIN, INC.

P. O. BOX H
PAIA, MAUI, HAWAII 96779

October 15, 1986

Mr. Manabu Tagomori
Manager-Chief Engineer
Division of Water & Land Development
Department of Land & Natural Resources
P. O. Box 373
Honolulu, Hawaii 96809

Dear Manabu:

WATER LICENSES - FISCAL YEAR 1985-86

WASTE WATER AND YIELDS: During fiscal year 1985-86 waste water period, Hawaiian Commercial and Sugar Co. did not waste any water to recharge the Central Maui basal ground water.

We submit the following tables:

1. East Maui Water License Yield
2. Sale of Water to County of Maui from E.M.I.'s Haiku Uka watershed.
3. Water pumped into the Koolau ditch at Nahiku by Maui Pineapple Co., Ltd.

We will wait for your acceptance of these figures before remitting the balance of payment for the Honomanu License yield.

Very truly yours,

Robert L. Warzecha
Manager

RLW:GH:cg

Encls

Copy to: M.J.Ching, A&B Hon
R.F.Cameron, HC&S
L.A.Wilkinson, HC&S

*FILE: Waste Water
General ✓*

EAST MAUI WATER LICENSE YIELD

FISCAL YEAR 1985-86

MEASUREMENT POINT	LEASE	YEAR MG	TOTAL MG	YIELD MG	* WATER WASTED MG	NET AFTER WASTING			
						TOTAL MG	Gov't %	Private MG	Gov't MG
<u>Makapipi Tunnel</u>									
<u>Koolau ditch at Nahiku</u>	Nahiku	8,468	8,468	7,276	0	7,276	95.02	362	6,914
<u>Koolau ditch nr Keanae</u>	Keanae	24,208	24,208	15,740	0	15,740	79.19	3,275	12,465
<u>Haipuaena boundary</u>	Honomanu	300	36,991	12,783	0	12,783	47.39	6,725	6,058
<u>Kula diversion Flume</u>		7,837							
<u>Spreckels ditch</u>		26,365							
<u>Koolau ditch</u>		2,489							
<u>Manuel Luis ditch</u>	Huelo			26,951	0	26,951	64.49	9,570	17,381
<u>Honopou boundary</u>		296	63,942			62,750		19,932	42,818
<u>Olinda water sold by E.M.I. to County of Maui</u>									
<u>Lower Kula pipeline</u>		815							
<u>Piholo Reservoir</u>									
<u>Wailoa ditch</u>		43,094							
<u>New Hamakua ditch</u>		9,035							
<u>Lowrie ditch</u>		7,182							
<u>Haiku ditch</u>		3,520							

* 12.6% of Koolau ditch at Nahiku less water pumped into ditch (8,468 -143 = 8,325 mg)
 ø Adjusted for water pumped into ditch (Maui Land & Pineapple Co. pumped 143 mg.)
 * Water wasted to recharge Maui basal body.

EAST MAUI IRRIGATION COMPANY, LIMITED

SALE OF WATER to DEPARTMENT OF WATER SUPPLY, COUNTY OF MAUI

F.Y. 1985/86
(in M.G.D.)

<u>1985</u>	<u>Reservoir Weir</u>	<u>*Olinda Lateral</u>	<u>TOTAL @ OLINDA</u>	<u>**PIIHOLO RESERVOIR</u>
July	23.956	-	23.956	40.501
August	33.479	.032	33.511	134.451
September	28.488	-	28.488	10.063
October	22.829	.033	22.862	165.964
November	29.588	-	29.588	27.418
December	23.075	.025	23.100	90.625
<u>1986</u>				
January	21.860	-	21.860	21.361
February	11.452	.026	11.478	104.301
March	13.722	-	13.722	23.310
April	23.506	.046	23.552	42.107
May	36.796	0	36.796	67.748***
June	27.301	.033	27.334	86.874
			<u>296.247</u>	<u>814.723</u>

*Olinda residents meters

**No meter, adjusted with water sales to consumers.

***From Apr. 30, metered at Olinda Rd.

WATER PUMPED INTO KOOLAU DITCH @ NAHIKU

BY MAUI PINEAPPLE CO., LTD.

F.Y. 1985/86
(In M.G.D.)

Date	1985						1986					
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
1	.518	.593	.638	.026	.552	0	.569	.229	.530	.627	0	0
2	.528	.603	.638	.613	0	0	.569	.370	.530	0	0	.649
3	.172	.602	.614	.613	.538	0	.569	.558	.508	.559	0	0
4	0	.602	.614	.618	.613	0	.569	.558	.508	0	0	.609
5	0	.602	.591	.618	.610	0	.569	.551	.478	0	0	.612
6	0	.602	.577	.618	.612	0	.562	.551	.477	0	0	.611
7	0	.597	.578	.614	.612	0	0	.545	.464	0	0	.611
8	.598	0	.577	.614	.615	0	0	.545	.463	0	0	.611
9	.598	0	.558	.613	.615	0	0	.545	.463	0	.533	.612
10	.587	0	.558	.613	.615	.424	0	.557	.459	0	.609	.612
11	.587	.498	.545	.161	0	0	0	.557	.458	0	.608	.611
12	.559	.633	.545	.539	0	0	0	.076	.548	0	.605	.611
13	.559	.633	.546	.616	.563	0	.614	.532	0	0	.605	.606
14	.559	.635	.545	.614	.563	0	.614	.519	0	0	.604	.556
15	.622	.635	.545	.205	.630	0	.616	.520	0	0	.604	0
16	.622	.639	.545	.613	.630	.396	.616	.520	0	0	.605	.359
17	.004	.117	.545	.557	.629	.570	.620	.520	.514	0	.605	.615
18	.594	0	.570	0	.590	0	.621	.537	.514	.600	.101	.242
19	.644	.629	0	0	.590	.608	.621	.505	.188	.599	0	0
20	.644	.628	.613	0	.613	.606	.546	.505	0	.599	.601	0
21	.644	.630	.613	.617	.613	.606	.546	.511	0	.601	.610	0
22	.647	.630	.613	.617	.100	.606	.563	.511	0	0	.611	0
23	.647	.633	.612	.622	0	.599	.563	.511	0	0	.610	.453
24	.647	.633	.612	.622	.402	.626	.605	.501	0	0	.610	0
25	.648	.633	.609	.624	.310	.576	.604	.501	0	.609	.609	0
26	.060	.634	.609	.624	0	.576	.604	.495	.558	.609	.058	0
27	0	.635	.609	.156	0	.420	.581	.495	0	.609	.517	0
28	0	.635	.609	.390	0	.420	.581	.530	0	0	.622	0
29	0	.641	.609	.625	0	.420	.560	===	0	0	.622	0
30	0	.638	.637	.620	0	.569	.560	===	0	0	0	.429
31	0	.638	===	.620	===	.569	.612	===	.676	===	0	===
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	11.688		17.074		11.615		14.654		8.336		10.949	
		16.228		15.002		8.591		13.855		5.412		9.409
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GRAND TOTAL..... 142.813

Civil No. 19-1-0019-01 (JPC)

Defendant A&B/EMI's Exhibit AB-120

FOR IDENTIFICATION _____

RECEIVED IN EVIDENCE _____

CLERK _____