

PERIODIC WATER REPORT
TEMPERATURE AND CHLORIDE

Period 8 2016	PERIOD 1		PERIOD 2		PERIOD 3		PERIOD 4		PERIOD 5		PERIOD 6		PERIOD 7		PERIOD 8		PERIOD 9		PERIOD 10		PERIOD 11		PERIOD 12		PERIOD 13	
	1/14/2016		2/11/2016		3/10/2016		4/08/2016		5/05/2016		6/02/2016		6/29/2016		7/26/2016		8/23/2016		9/20/2016		10/18/2016		11/15/2016		12/12/2016	
	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei (Shaft # 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 1 (BRACKISH)	82	298	81	305	82	295	81	297	82	284	79	306	82	382	83	283										
Well # 9 (BRACKISH)	No pumping		84	388	No pumping		84	428	80	428	78	418	78	418	Pump out na	na	Pump out na	na								
Well # 14 (BRACKISH)	Pump removed				Pump removed		na	na			Pump removed		na	Pump removed		na	Gen down na	na	Gen down na	na						
Well # 15 (BRACKISH)	78	532	78	494	82	533	78	542	78	495	78	521	79	441	79	516										
Booster #1 Shaft # 3 - (feeder)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 2 (Shaft # 3) Booster #2 Shaft # 3 - (feeder)	Pump removed		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 3	74	26	74	24	72	25	73	30	73	28	73	48	72	26	72	29										
Well # 4	68	20	68	16	68	20	66	18	66	15	67	15	66	16	66	15										
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 6	68	20	68	20	70	20	67	23	67	22	68	25	67	17	68	21										
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 8	74	30	72	35	72	32	71	33	71	28	73	35	72	37	73	26										
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

NOTE: 1. Temperature reading is in Fahrenheit.
2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
3. * Wells or Tunnel not in service. Data not available.
4. WELLS # 1, # 9, # 14, #15 CHLORIDES ARE AVG FROM (TNWRE, FQLABS & LWC)

PERIODIC WATER REPORT
TEMPERATURE AND CHLORIDE

Period 13 2014	PERIOD 1 1/15/2014		PERIOD 2 2/12/2014		PERIOD 3 3/12/2014		PERIOD 4 4/9/2014		PERIOD 5 5/7/2014		PERIOD 6 6/4/2014		PERIOD 7 7/2/2014		PERIOD 8 7/30/2014		PERIOD 9 8/27/2014		PERIOD 10 9/24/2014		PERIOD 11 10/21/2014		PERIOD 12 11/18/2014		PERIOD 13 12/15/2014	
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei (Shaft # 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 1 (BRACKISH)	80	367	80	315	82	343	82	311	82	315	82	320	82	327	82	325	82	337	82	326	82	303	82	314	82	305
Well # 9 (BRACKISH)	82	435	84	443	84	439	83	439	83	440	83	440	83	435	82	440	82	435	78	460	82	440	78	440	78	440
Well # 14 (BRACKISH)	86	823	86	759	86	832	86	812	86	820	86	810	88	815	86	820	86	784	86	790	86	836	86	820	na	na
Well # 15 (BRACKISH)	78	559	78	568	78	541	82	575	80	550	80	560	80	562	78	560	78	506	72	535	78	545	78	524	78	540
Booster #1 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 2 (Shaft # 2)	*	*																	*	*	*	*	*	*	*	*
Booster #2 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 3	66	45	72	32	72	23	72	25	72	25	72	25	72	30	72	30	78	25	78	25	78	42	74	50	74	48
Well # 4	66	22	68	20	66	20	66	22	66	22	66	22	66	20	66	22	66	22	66	22	66	20	66	25	68	20
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 6	68	20	68	20	68	26	66	24	66	22	66	22	68	22	68	24	70	22	68	24	68	20	68	35	68	22
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 8	74	26	72	34	72	35	72	30	72	30	72	32	72	32	72	30	74	28	74	32	72	30	74	30	72	29
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Wells or Tunnel not in service. Data not available.
 4. WELLS # 1, # 9, # 14, #15 CHLORIDES ARE AVG FROM (TNWRE, FQLABS & LWC)

PERIODIC WELL REPORT

TEMPERATURE AND CHLORIDE

Period 13 2014	PERIOD 1		PERIOD 2		PERIOD 3		PERIOD 4		PERIOD 5		PERIOD 6		PERIOD 7		PERIOD 8		PERIOD 9		PERIOD 10		PERIOD 11		PERIOD 12		PERIOD 13	
	1229 - 1216		1217 - 1212		1213 - 1213		1214 - 1218		1211 - 1219		1210 - 1215		1209 - 1212		1211 - 1211		1210 - 1215		1212 - 1215		1213 - 1213		1214 - 1218		1215 - 1218	
	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei (Shaft # 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 1 (BRACKISH)	80	304	80	327	80	302	82	321	82	301	82	293	82	308	82	293	82	357	82	311	82	310	80	316	80	293
Well # 9 (BRACKISH)	84	424	84	432	84	435	84	423	84	430	84	421	82	425	84	424	84	436	84	434	84	430	84	442	84	424
Well # 14 (BRACKISH)	86	756	86	807	86	810	86	789	86	765	86	800	86	797	86	818	84	800	82	795	84	800	84	760	86	799
Well # 15 (BRACKISH)	78	563	78	565	78	562	78	552	78	529	78	546	78	560	78	545	78	547	78	554	78	550	76	565	78	553
Booster #1 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 2 (Shaft # 3)	*	*																*	*	*	*	*	*	*	*	*
Booster #2 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 3	*								72	65	74	40	72	38	78	58	74	48	74	45	74	45	74	35	68	42
Well # 4	66	22	66	22	66	22	66	20	66	30	66	28	66	23	66	22	66	22	66	20	66	22	66	20	66	22
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 6	68	26	66	25	66	30	66	23	68	28	68	30	68	26	68	30	68	20	68	22	68	22	68	22	68	20
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 8	72	23	72	26	72	28	72	25	72	40	82	50	72	44	72	25	72	40	74	40	72	40	72	42	74	40
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

NOTE:

1. Temperature reading is in Fahrenheit.
2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
3. * Wells or Tunnel not in service. Data not available.
4. WELLS # 1, # 9, # 14, # 15 CHLORIDES ARE AVG FROM (TNWRE, FQLABS & LWC)

PERIODIC WATER REPORT

TEMPERATURE AND CHLORIDE

Period 13 2013	PERIOD 1 12/21 - 1/17		PERIOD 2 1/18 - 2/14		PERIOD 3 2/15 - 3/14		PERIOD 4 3/15 - 4/11		PERIOD 5 4/12 - 5/9		PERIOD 6 5/10 - 6/6		PERIOD 7 6/7 - 7/4		PERIOD 8 7/5 - 8/1		PERIOD 9 8/2 - 8/29		PERIOD 10 8/30 - 9/26		PERIOD 11 9/27 - 10/24		PERIOD 12 10/25 - 11/21		PERIOD 13 11/22 - 12/19	
	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei (Shaft #2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 1 (BRACKISH)	80	311	82	326	82	352	82	355	82	300	82	309	82	319	82	321	82	309	82	313	82	324	82	325	80	323
Well # 9 (BRACKISH)	out	out	82	439	82	428	82	425	84	422	84	444	84	437	84	435	84	443	84	431	84	422	84	418	84	435
Well # 14 (BRACKISH)	86	797	86	797	86	801	86	812	86	842	86	823	86	824	86	808	86	817	86	817	86	795	86	784	*	*
Well # 15 (BRACKISH)	78	527	78	562	78	550	78	545	78	553	78	576	78	565	78	553	78	577	78	553	78	575	78	547	78	550
Booster #1 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 2 (Shaft #3)	*	*																	*	*	*	*	*	*	*	*
Booster #2 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 3 (City)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 4	64	22	66	20	66	20	66	22	66	20	68	25	66	20	66	20	66	20	66	18	68	22	66	20	66	23
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 6	68	28	68	24	68	28	68	28	68	22	68	27	68	24	68	26	68	28	68	25	68	34	68	30	68	21
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 8	74	34	74	32	74	32	74	33	72	38	72	35	74	34	74	24	74	30	72	32	72	30	72	38	72	28
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Wells or Tunnel not in service. Data not available.
 4. WELLS # 1, # 9, # 14 CHLORIDES ARE AVG FROM (TNWRE, FQLABS & LWC)

PERIODIC WATER REPORT

TEMPERATURE AND CHLORIDE

Period 13-12	PERIOD 1 12/23 - 1/19		PERIOD 2 1/20 - 2/16		PERIOD 3 2/17 - 3/15		PERIOD 4 3/16 - 4/12		PERIOD 5 4/13 - 5/10		PERIOD 6 5/11 - 6/7		PERIOD 7 6/8 - 7/5		PERIOD 8 7/6 - 8/2		PERIOD 9 8/3 - 8/30		PERIOD 10 8/31 - 9/27		PERIOD 11 9/28 - 10/25		PERIOD 12 10/26 - 11/22		PERIOD 13 11/23 - 12/20	
	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei (Shaft #2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 1 (BRACKISH)	82	307	82	304	82	311	80	305	80	298	82	300	82	351	82	329	82	303	82	332	82	312	82	319	80	330
Well # 9 (BRACKISH)	84	429	86	434	86	434	86	424	86	427	86	409	86	410	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	off	off
Well # 14 (BRACKISH)	84	812	84	812	86	805	86	805	86	797	86	828	78	791	84	787	78	821	86	833	86	824	86	815	86	796
Well # 15 (BRACKISH)											78	477	78	502	78	504	78	513	78	537	80	477	80	545	78	529
Booster #1 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 2 (Shaft #3)	*	*	68	20	68	20	68	18	68	26	68	20	68	20	68	20	68	26	*	*	*	*	*	*	*	*
Booster #2 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 3 (City)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 4	66	25	66	30	66	30	66	30	66	30	66	30	66	30	66	40	66	20	66	20	66	25	66	20	66	20
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 6	68	42	68	38	68	29	68	28	68	27	68	30	68	38	68	24	68	23	68	30	68	31	68	21	66	30
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 8	74	43	74	40	74	38	74	40	74	45	74	45	74	34	74	44	74	29	74	26	74	30	74	36	74	35
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Wells or Tunnel not in service. Data not available.
 4. WELLS # 1, # 9, # 14 CHLORIDES ARE AVG FROM (TNWRE, FQLABS & LWC)

PERIODIC WATER REPORT

TEMPERATURE AND CHLORIDE

Period 13-11	PERIOD 1 12/23 - 1/20		PERIOD 2 1/21 - 2/17		PERIOD 3 2/18 - 3/17		PERIOD 4 3/18 - 4/14		PERIOD 5 4/15 - 5/12		PERIOD 6 5/13 - 6/9		PERIOD 7 6/10 - 7/7		PERIOD 8 7/8 - 8/4		PERIOD 9 8/5 - 9/1		PERIOD 10 9/2 - 9/29		PERIOD 11 9/30 - 10/27		PERIOD 12 10/28 - 11/24		PERIOD 13 11/25 - 12/22	
	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei (Shaft # 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 1 (BRACKISH)	82	350	82	335	82	349	82	329	82	308	82	317	82	312	86	304	82	327	82	318	82	317	80	315	82	315
Well # 9 (BRACKISH)	82	438	84	460	84	464	84	457	84	437	84	444	82	445	84	431	84	430	84	431	84	439	84	439	84	432
Well # 14 (BRACKISH)	86	788	86	780	86	788	86	837	86	836	86	815	86	822	86	809	86	834	86	834	86	819	86	820	86	822
Booster #1 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 2 (Shaft # 3)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #2 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 3 (City)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 4	66	20	66	23	66	25	66	20	66	20	66	19	68	22	66	21	66	18	67	20	66	21	68	24	66	25
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 6	68	30	68	35	68	38	68	26	68	24	68	34	68	30	68	30	68	25	68	25	68	26	68	22	68	28
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 8	74	38	74	40	72	44	74	42	74	42	74	40	74	42	74	38	74	45	74	34	72	40	74	42	74	38
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Wells or Tunnel not in service. Data not available.
 4. WELLS # 1, # 9, # 14 CHLORIDES ARE AVG FROM (TNWRE, FQLABS & LWC)

PERIODIC WATER REPORT

TEMPERATURE AND CHLORIDE

Period 13-10	PERIOD 1 12/24 - 1/21		PERIOD 2 1/22 - 2/18		PERIOD 3 2/19 - 3/18		PERIOD 4 3/19 - 4/15		PERIOD 5 4/16 - 5/13		PERIOD 6 5/14 - 6/10		PERIOD 7 6/11 - 7/8		PERIOD 8 7/9 - 8/5		PERIOD 9 8/6 - 9/2		PERIOD 10 9/3 - 9/30		PERIOD 11 10/1 - 10/28		PERIOD 12 10/29 - 11/25		PERIOD 13 11/26 - 12/23	
	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei (Shaft # 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 1 (BRACKISH)	82	315	82	313	82	314	80	301	82	317	82	325	82	324	82	310	82	313	82	324	82	310	80	320	80	315
Well # 9 (BRACKISH)	na	na	84	440	82	443	84	433	84	435	84	433	84	433	82	454	84	443	84	441	84	441	84	468	84	449
Well # 14 (BRACKISH)	86	788	86	750	84	789	84	785	84	806	86	775	84	803	84	825	84	814	86	780	84	808	86	851	86	811
Booster #1 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 2 (Shaft # 3)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #2 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 3 (City)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 4	66	29	66	33	66	23	66	17	66	20	66	20	66	19	66	20	66	21	68	18	66	25	66	18	68	20
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 6	68	32	68	25	68	29	68	27	68	29	68	27	68	30	68	29	68	29	68	28	68	29	68	30	68	25
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 8	74	38	74	42	72	42	72	49	74	38	74	40	74	43	74	42	74	40	74	40	74	48	74	38	74	42
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Wells or Tunnel not in service. Data not available.
 4. WELLS # 1, # 9, # 14 CHLORIDES ARE AVG FROM (TNWRE, FQLABS & LWC)

PERIODIC WATER REPORT

TEMPERATURE AND CHLORIDE

Period 13 - 09	PERIOD 1 12/26-1/22		PERIOD 2 1/23-2/19		PERIOD 3 2/20-3/19		PERIOD 4 3/20-4/16		PERIOD 5 4/17-5/14		PERIOD 6 5/15-6/11		PERIOD 7 6/12-7/09		PERIOD 8 7/10-8/06		PERIOD 9 8/07-9/03		PERIOD 10 9/04-10/01		PERIOD 11 10/02-10/29		PERIOD 12 10/30-11/26		PERIOD 13 11/27-12/24	
	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei (Shaft # 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 1 (BRACKISH)	80	310	80	330	80	311	82	328	82	321	82	311	82	327	82	327	80	311	82	320	82	318	82	316	82	312
Well # 9 (BRACKISH)	82	450	83	462	82	472	84	473	84	461	84	449	84	469	84	467	84	442	84	453	out of service		out of service		out of service	
Well # 14 (BRACKISH)	84	778	84	778	84	777	84	800	86	769	84	772	86	808	86	802	84	785	84	798	84	782	84	795	84	790
Booster #1 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 2 (Shaft # 3)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #2 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 3 (City)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 4	68	22	66	24	66	25	68	30	68	24	68	30	66	25	66	20	66	21	66	22	66	18	66	18	66	25
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 6	68	33	64	28	68	27	66	34	68	30	68	32	68	37	68	32	68	35	68	38	66	28	66	28	68	28
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 8	74	48	74	50	74	40	74	44	74	49	74	45	74	45	74	40	74	42	74	42	72	45	72	45	74	45
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Wells or Tunnel not in service. Data not available.
 4. WELLS # 1, # 9, # 14 CHLORIDES ARE AVG FROM (TNWRE, FQLABS & LWC)

PERIODIC WATER REPORT TEMPERATURE AND CHLORIDE

	PERIOD 1 12/28-1/24		PERIOD 2 1/25-2/21		PERIOD 3 2/22-3/20		PERIOD 4 3/21-4/17		PERIOD 5 4/18-5/15		PERIOD 6 5/16-6/12		PERIOD 7 6/13-7/10		PERIOD 8 7/11-8/7		PERIOD 9 8/8-9/04		PERIOD 10 9/05-10/02		PERIOD 11 10/03-10/30		PERIOD 12 10/31-11/27		PERIOD 13 11/28-12/25	
	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei (Shaft # 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 1 (BRACKISH)	80	311	N/A	N/A	80	323	80	324	80	319	80	320	80	318	80	325	82	333	80	322	82	342	80	575	80	313
Well # 9 (BRACKISH)	82	437	84	464	80	448	84	457	84	468	84	478	N/D	478	84	460	84	456	84	456	82	450	84	470	84	458
Well # 14 (BRACKISH)	84	797	84	750	84	772	84	748	84	764	84	793	86	763	84	778	86	783	86	773	86	793	84	792	84	710
Booster #1 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 2 (Shaft # 3)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #2 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 3 (City)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 4	66	25	68	24	66	25	66	25	66	24	66	18	66	20	67	22	66	25	66	25	68	28	66	21	66	25
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 6	66	28	66	20	68	34	68	31	68	30	68	28	68	27	68	33	68	30	68	30	68	36	66	25	68	27
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 8	72	45	74	48	74	44	72	41	74	48	72	40	74	38	74	40	74	45	74	50	72	44	72	39	72	37
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Wells or Tunnel not in service. Data not available.
 4. WELLS # 1, # 9, # 14 CHLORIDES ARE AVG FROM (TNWRE & FQLABS) PER JH, CJ.

PERIODIC WATER REPORT TEMPERATURE AND CHLORIDE

	PERIOD 1 12/28-1/25		PERIOD 2 1/26-2/22		PERIOD 3 2/23-3/22		PERIOD 4 3/23-4/19		PERIOD 5 4/20-5/17		PERIOD 6 5/18-6/14		PERIOD 7 6/15-7/12		PERIOD 8 7/13-8/09		PERIOD 9 8/10-9/06		PERIOD 10 9/07-10/04		PERIOD 11 10/05-11/01		PERIOD 12 11/02-11/29		PERIOD 13 11/30-12/27	
	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Maunalei (Shaft # 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Well # 1	80	346	80	388	81	312	80	319	81	316	80	318	81	326	82	312	80	332	82	326	82	302	80	313	80	303
Well # 9	79	468	83	468	83	464	78	459	83	483	82	499	84	462	82	449	84	464	84	458	84	455	80	441	82	468
Well # 14	80	773	84	774	84	770	84	774	84	781	85	783	85	751	83	756	84	781	86	768	94	756	84	762	84	755
Booster #1 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Well # 2 (Shaft # 3)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Booster #2 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Well # 3 (City)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Well # 4	63	20	66	19	66	21	65	23	67	25	66	25	66	25	66	22	66	17	66	22	66	40	68	20	66	28
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Well # 6	67	26	66	33	67	28	67	31	67	27	66	29	66	36	68	28	68	23	72	25	68	40	68	26	66	30
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Well # 8	72	40	73	43	73	40	73	48	73	48	72	56	72	43	72	46	72	60	72	40	74	48	72	41	74	48
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

- NOTE:
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 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Wells or Tunnel not in service. Data not available.
 4. WELLS # 1, # 9, # 14 CHLORIDES ARE AVG FROM (TNWRE & FQLABS) PER JH, CJ.

PERIODIC WATER REPORT TEMPERATURE AND CHLORIDE

	PERIOD 1 12/29/05-1/26		PERIOD 2 1/27-2/23		PERIOD 3 2/24-3/23		PERIOD 4 3/24-4/20		PERIOD 5 4/21-5/18		PERIOD 6 5/19-6/15		PERIOD 7 6/16-7/13		PERIOD 8 7/14-8/10		PERIOD 9 8/11-9/07		PERIOD 10 9/08-10/05		PERIOD 11 10/06-11/02		PERIOD 12 11/03-11/30		PERIOD 13 12/01-12/28	
	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei (Shaft # 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 1	80	287	80	290	80	278	81	318	81	325	80	320	81	319	81	314	81	321	82	323	81	390	81	319	82	314
Well # 9	83	418	83	455	*	*	*	*	*	*	82	474	82	477	82	476	81	470	78	495	82	471	81	452	83	485
Well # 14	N/A	N/A	84	660	84	620	78	766	83	784	84	782	84	770	82	747	85	772	84	765	82	777	83	*	84	763
Booster #1 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	68	22	68	20	69	18	68	19	68	24	68	20
Well # 2 (Shaft # 3)	*	*	*	*	*	*	*	*	*	*	69	18	68	22	68	22	68	20	69	18	68	19	68	24	68	20
Booster #2 Shaft # 3 - (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	68	22	68	20	69	18	68	19	68	24	68	20
Well # 3 (City)	72	34	72	34	71	38	72	37	72	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 4	65	22	68	23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	66	19
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 6	68	28	68	28	68	28	*	*	*	*	*	*	*	*	*	*	67	23	69	28	*	28	66	27	67	27
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 8	70	34	72	40	72	40	73	43	73	41	73	44	72	42	71	43	72	34	72	35	71	39	72	40	72	43
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

- NOTE: 1. Temperature reading is in Fahrenheit.
2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
3. * Wells or Tunnel not in service. Data not available.
4. WELLS # 1, # 9, # 14 CHLORIDES ARE AVG FROM (TNWRE & FQLABS) PER JH, CJ.

PERIODIC WATER REPORT

TEMPERATURE AND CHLORIDE

	PERIOD 1 12/30 - 1/27 Temp. Chld.		PERIOD 2 1/28-02/24 Temp. Chld.		PERIOD 3 2/25- 3/24 Temp. Chld.		PERIOD 4 3/24- 4/21 Temp. Chld.		PERIOD 5 4/22 - 5/19 Temp. Chld.		PERIOD 6 5/20- 6/16 Temp. Chld.		PERIOD 7 6/17 - 7/14 Temp. Chld.		PERIOD 8 7/15 - 8/11 Temp. Chld.		PERIOD 9 8/12 - 9/08 Temp. Chld.		PERIOD 10 9/10 - 10/06 Temp. Chld.		PERIOD 11 10/07 - 11/03 Temp. Chld.		PERIOD 12 11/04 - 12/01 Temp. Chld.		PERIOD 13 12/02 - 12/29 Temp. Chld.	
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei - Shaft # 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 1	80	312	88	303	88	303	82	305	86	315	85	320	81	315	85	320	85	295	*	*	81	291	81	286	79	274
Well # 9	80	468	82	462	82	462	81	464	82	469	82	470	83	464	82	470	83	422	83	419	83	419	83	414	83	418
Well # 14	84	713	84	713	84	713	82	720	82	720	82	725	83	715	82	725	80	507	83	530	83	514	84	507	84	507
Booster #1 Shaft # 3 (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shaft # 3 (Well # 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #2 Shaft # 3 (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well #3 (City)	76	36	72	34	74	34	73	34	74	36	73	38	73	36	73	38	81	34	72	36	73	35	71	34	71	33
Well # 3 (Hii Reservoir)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 4	66	22	66	22	67	23	68	23	67	24	66	22	66	24	66	22	67	23	67	23	64	22	65	26	66	21
Well # 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 6	70	29	68	27	67	28	67	28	67	28	66	28	66	28	66	28	76	28	76	28	66	28	66	28	65	28
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well # 8	66	39	72	36	72	36	72	36	72	40	71	42	71	40	71	42	*	*	*	*	*	*	*	*	71	39
Well # 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Wells or Tunnel not in service. Data not available.

THE ISLAND OF LANAI
2004 PERIODIC WATER REPORT
CHLORIDE LEVEL & TEMPERATURE

PERIOD 13, 2004

	PERIOD 1 1/04 - 1/31		PERIOD 2 2/01-02/28		PERIOD 3 3/29- 3/27		PERIOD 4 3/28- 4/24		PERIOD 5 4/25 - 5/21		PERIOD 6 5/23- 6/19		PERIOD 7 6/20 - 7/24		PERIOD 8 7/25 - 8/14		PERIOD 9 8/15 - 9/11		PERIOD 10 9/12 - 10/09		PERIOD 11 10/10 - 11/06		PERIOD 12 11/07 - 12/04		PERIOD 13 12/04 - 1/01	
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.
Maunaloa Tunnel (Lower)	68	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunaloa Tunnel (Upper)	68	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunaloa Shallow #1	68	24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well #1	80	326	81	308	81	312	81	308	80	321	81	318	80	286	81	294	81	298	82	292	82	301	82	301	80	312
Well #2	80	489	78	459	82	461	82	471	82	457	84	471	84	462	84	453	84	478	84	459	84	467	84	467	80	467
Well #3 (Booster)	*	*	*	*	*	*	*	*	84	685	84	656	84	707	85	702	84	723	85	710	85	715	85	715	84	715
Well #4 (Booster)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shallow #1 (Booster)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shallow #2 (Booster)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well #5 (Booster)	72	34	72	34	71	32	72	35	72	34	72	35	72	36	72	35	72	36	72	35	72	36	72	36	76	36
Well #6 (Booster)	72	34	72	34	71	32	72	35	72	34	72	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well #7	63	22	63	22	66	23	67	22	67	22	66	23	66	23	66	22	66	23	67	22	66	23	66	23	66	22
Well #8	65	25	64	25	65	25	65	25	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well #9	66	29	63	28	63	28	63	29	63	28	64	28	66	30	68	29	67	29	67	29	67	30	67	30	70	29
Well #10	69	57	69	57	69	57	69	58	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well #11	63	35	*	*	72	40	72	40	72	34	*	*	72	37	72	42	*	*	72	41	72	39	72	39	66	39
Well #12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

NOTE: 1. Temperature reading is in Fahrenheit.
2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
3. * Wells or Tunnel not in service. Data not available.

PET-047-R

THE ISLAND OF LANAI 2003 PERIODIC WATER REPORT CHLORIDE LEVEL & TEMPERATURE

ERIOD 13, 2003

	PERIOD 1 1/29 - 1/25		PERIOD 2 1/26 - 2/22		PERIOD 3 2/23 - 3/22		PERIOD 4 3/23 - 4/19		PERIOD 5 4/20 - 5/17		PERIOD 6 5/18 - 6/14		PERIOD 7 6/15 - 7/12		PERIOD 8 7/13 - 8/09		PERIOD 9 8/10 - 9/06		PERIOD 10 9/07 - 10/04		PERIOD 11 10/05 - 11/01		PERIOD 12 11/02 - 11/30		PERIOD 13 12/01 - 1/03	
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.
Maunalei Tunnel (Lower)	66	22	66	22	66	22	66	22	66	22	*	*	66	21	68	19	68	18	68	17	68	22	68	22	68	23
Maunalei Tunnel (Upper)	68	22	66	22	66	22	66	22	66	22	*	*	68	21	68	19	68	18	68	18	68	20	68	20	68	20
Maunalei - Shaft No. 2	73	24	73	24	69	22	70	22	70	23	*	*	68	23	68	20	69	19	72	18	68	20	68	20	68	20
Well No. 1	81	368	80	300	82	317	80	307	82	300	80	317	80	304	82	314	82	318	82	316	82	329	82	319	80	314
Well No. 9	83	477	83	477	82	480	84	459	84	452	82	456	80	487	82	488	84	486	81	488	84	484	*	*	*	*
Well No. 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shaft No. 3 (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shaft No. 3 (Well No. 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shaft No. 3 (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 3 (City)	72	35	72	30	72	30	72	34	72	34	72	34	*	*	76	36	77	36	*	*	72	36	72	37	72	37
Well No. 3 (Hill Reservoir)	72	35	72	30	72	30	72	34	72	34	72	34	*	*	76	39	77	35	*	*	72	36	72	37	72	37
Well No. 4	67	25	66	22	64	23	68	24	66	23	68	23	68	23	66	23	66	23	66	23	66	23	63	21	63	23
Well No. 5	64	25	64	25	64	27	64	27	65	27	65	27	65	27	65	27	65	27	65	27	67	29	66	27	66	29
Well No. 6	66	31	66	30	63	30	68	31	68	30	64	30	66	30	66	33	68	29	67	29	67	29	67	30	67	30
Well No. 7	69	57	69	57	69	56	69	56	69	56	69	56	69	56	69	56	69	56	69	58	69	56	69	56	69	56
Well No. 8	72	42	70	41	72	42	74	35	73	42	66	42	73	42	72	40	72	42	72	41	70	38	70	38	70	41

NOTE: 1. Temperature reading is in Fahrenheit.
2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
3. * Wells or Tunnel not in service. Data not available.

**THE ISLAND OF LANAI
2002 PERIODIC WATER REPORT
CHLORIDE LEVEL & TEMPERATURE**

PERIOD 13, 2002

	PERIOD 1 1/30 - 1/26		PERIOD 2 1/27 - 2/23		PERIOD 3 2/24 - 3/23		PERIOD 4 3/24 - 4/20		PERIOD 5 4/21 - 5/18		PERIOD 6 5/19 - 6/15		PERIOD 7 6/16 - 7/13		PERIOD 8 7/14 - 8/10		PERIOD 9 8/10 - 9/09		PERIOD 10 9/09 - 10/05		PERIOD 11 10/06 - 11/02		PERIOD 12 11/03 - 11/30		PERIOD 13 12/01 - 12/28	
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.
Maunalei Tunnel (Lower)	**	**	66	26	66	26	66	26	70	25	69	26	68	25	68	25	67	24	67	24	66	23	66	23	66	23
Maunalei Tunnel (Upper)	**	**	66	26	66	26	66	26	70	25	69	26	68	25	68	25	67	24	67	24	66	23	66	23	66	23
Maunalei - Shaft No. 2	**	**	**	**	*	*	73	24	71	23	72	22	71	24	71	24	70	23	70	23	72	22	71	23	71	23
Well No. 1	80	325	79	325	79	325	79	331	79	330	79	328	80	313	81	304	81	293	81	300	80	300	80	305	80	316
Well No. 9	83	480	80	466	80	466	80	511	84	443	83	449	82	430	82	411	83	415	84	490	82	438	83	450	*	*
Well No. 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #1 Shaft No. 3 (Header)	67	22	67	22	67	27	67	26	66	27	66	26	67	25	67	25	66	26	66	27	66	27	66	27	65	26
Booster #2 Shaft No. 3 (Well No. 2)	67	22	67	22	67	27	67	26	66	27	66	26	67	25	67	25	66	26	66	27	66	27	66	27	65	26
Booster #2 Shaft No. 3 (Header)	67	22	67	22	67	27	67	26	66	27	66	26	67	25	67	25	66	26	66	27	66	27	66	27	65	26
Well No. 3 (City)	69	33	71	33	70	35	70	34	71	33	72	36	71	36	72	38	72	39	73	38	72	39	72	38	*	*
Well No. 3 (H# Reservoir)	69	33	71	33	70	35	70	34	71	33	72	36	71	36	72	38	72	39	73	38	72	39	72	38	*	*
Well No. 4	63	23	63	23	62	24	62	24	66	24	67	22	66	25	67	28	66	23	65	23	66	22	66	22	68	25
Well No. 5	68	22	73	21	74	22	73	23	73	25	73	26	74	22	67	23	68	26	66	23	67	26	66	27	64	27
Well No. 6	83	31	64	29	64	30	62	30	66	31	85	29	64	30	66	31	66	30	67	30	66	30	73	29	67	30
Well No. 7	78	60	75	61	77	62	77	62	72	60	73	60	73	61	73	59	74	60	74	58	74	60	73	61	70	61
Well No. 8	66	39	65	42	65	42	65	42	73	37	73	41	72	40	72	44	72	43	73	44	72	42	72	45	72	42

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Well's or Tunnel not in service. Data not available. Well #9 and #3 under repair.
 4. ** Road to Shaft 2 under repair

PET-052-R

**THE ISLAND OF LANAI
2001 PERIODIC WATER REPORT
CHLORIDE LEVEL & TEMPERATURE**

PERIOD 13, 2001

	PERIOD 1 12/31 - 1/27 Temp. Chld.		PERIOD 2 1/28 - 2/24 Temp. Chld.		PERIOD 3 2/25 - 3/24 Temp. Chld.		PERIOD 4 3/25 - 4/21 Temp. Chld.		PERIOD 5 4/22 - 5/19 Temp. Chld.		PERIOD 6 5/20 - 6/16 Temp. Chld.		PERIOD 7 6/17 - 7/14 Temp. Chld.		PERIOD 8 7/15 - 8/11 Temp. Chld.		PERIOD 9 8/12 - 9/08 Temp. Chld.		PERIOD 10 9/09 - 10/06 Temp. Chld.		PERIOD 11 10/07 - 11/03 Temp. Chld.		PERIOD 12 11/04 - 12/01 Temp. Chld.		PERIOD 13 12/02 - 12/29 Temp. Chld.	
Maunalei Tunnel (Lower)	66	21	66	21	65	20	65	20	65	20	66	21	69	20	67	21	66	20	68	20	67	22	66	21	**	**
Maunalei Tunnel (Upper)	66	21	66	21	65	20	65	20	65	20	66	21	69	20	67	21	66	20	66	20	67	22	66	21	**	**
Maunalei - Shaft No. 2	69	24	69	24	79	24	68	26	68	26	73	26	72	25	72	28	70	26	70	26	73	25	75	26	**	**
Well No. 1	79	315	80	310	80	320	80	340	80	340	80	341	80	337	80	337	80	336	80	331	79	327	78	375	80	346
Well No. 9	80	490	80	475	80	480	80	472	82	468	82	470	83	444	82	470	82	433	82	476	83	490	81	480	80	484
Well No. 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Booster #1 Shaft No. 3 (Header)	68	23	68	23	67	22	67	22	67	22	66	23	67	22	67	22	63	25	64	23	65	25	67	25	67	22
Shaft No. 3 (Well No. 2) Booster #2	68	23	68	23	67	22	67	22	67	22	66	23	67	22	67	22	63	25	64	23	65	25	67	25	67	22
Shaft No. 3 (Header)	68	23	68	23	67	22	67	22	67	22	66	23	67	22	67	22	63	25	64	23	65	25	67	25	67	22
Well No. 3 (City)	70	37	70	35	70	34	70	34	70	33	69	35	68	35	*	*	72	32	67	34	66	35	67	33	70	33
Well No. 3 (Hi Reservoir)	70	37	70	35	70	34	70	34	70	33	69	35	68	35	*	*	72	32	67	34	66	35	67	33	70	33
Well No. 4	68	23	69	21	69	21	68	22	65	24	65	22	65	22	66	21	62	24	63	23	65	22	64	24	64	23
Well No. 5	68	29	62	25	62	25	62	25	62	25	63	24	62	25	71	25	69	21	69	23	71	24	73	26	74	23
Well No. 6	66	31	67	30	66	29	64	29	66	30	67	31	68	30	64	30	62	31	61	30	61	30	62	31	64	30
Well No. 7	72	64	78	64	78	64	78	64	78	64	78	62	78	64	76	60	77	62	78	60	77	61	76	60	78	60
Well No. 8	70	31	73	31	73	31	73	31	73	31	70	40	70	45	72	43	71	45	71	45	67	43	66	41	66	41

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Well's or Tunnel not in service.
 4. ** Road to Shaft #2 inaccessible

PET-055-R

THE ISLAND OF LANA'I

00 PERIODIC WATER REPO

Chloride Level & Temperature

PER OD

	PERIOD 1 1/02 - 1/29		PERIOD 2 1/30 - 2/26		PERIOD 3 2/27 - 3/25		PERIOD 4 3/26 - 4/22		5	PERIOD 6 5/21 - 6/17		PERIOD 7 6/18 - 7/15		PERIOD 8 7/16 - 8/12		PERIOD 9 8/13 - 9/09		PERIOD 10 9/10 - 10/07		PERIOD 11 10/08 - 11/04		PERIOD 12 11/05 - 12/02		PERIOD 13 12/03 - 12/30		
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	5/20 Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	
Maunalo Tunnel (Lower)	66	19	66	20	65	21	66	20	66	18	67	21.2	65	20	66	20	68	20	68	20	66	22	65	20	65	20
Maunalo Tunnel (Upper)	66	19	66	20	65	21	66	20	66	18	67	21.2	65	20	66	20	68	20	68	20	66	22	65	20	65	20
Maunalo - Shaft No. 2	67.7	20	67.9	28	68	26	*	*	68	21	68	24.7	68	23	69	25	69	27.2	68	26.2	69	23	67	24	73	24
Well No. 1	81.0	305	79.8	310	80	310	80	306	81.0	339	80	305	82	326	81.3	309	80.0	320	80.0	320	80	310	80	305	80	35
Well No. 9	82.8	470	82.7	464	81	469	*	*	*	*	81	469	82.2	447	83	470	82	480	82	480	81	430	80	490	80	49
Well No. 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shaft No. 3 (Header)	68.2	20	65.4	17	65	18	66	20	65	20	66	19.8	65	19	65	21	66	23.2	66	22	65	21	66	21	67	21
Shaft No. 3 (Well No. 2)	68.2	20	65.4	17	65	18	66	20	65	20	66	19.8	65	19	65	21	66	23.2	66	22	65	21	66	21	67	21
Booster #2	68.2	20	65.4	17	65	18	66	20	65	20	66	19.8	65	19	65	21	66	23.2	66	22	65	21	66	21	67	21
Shaft No. 3 (Header)	68.2	20	65.4	17	65	18	66	20	65	20	66	19.8	65	19	65	21	66	23.2	66	22	65	21	66	21	67	21
Well No. 3 (City)	72	33	72.3	31	73	34	72	32	72	32	73	37	73	38	75	33	74	31	73	33	72	32	73	33	73	33
Well No. 3 (Hill Reservoir)	72	33	72.3	31	73	34	72	32	72	32	73	37	73	38	75	33	74	31	73	33	72	32	73	33	73	33
Well No. 4	65	21	67.1	22	65	21	66	20	66.0	21	66	23	66	23	65	22	65.0	21	66.0	22	65	23	66	23	68	25
Well No. 5	*	*	*	*	52	*	52	*	32	*	24	67	24	68	32	68.0	32	*	*	67	31	67	33	68	29	
Well No. 6	66.3	29	66.3	20	65	27	65.0	27	72.0	28	67.0	32	67	29	67	29	71	30	68	32	67	28	66	29	68	29
Well No. 7	*	*	*	*	72	*	72	*	68	*	65	71	65	71	68	71.0	68.0	*	*	71	68	71	70	72	64	
Well No. 8	71.0	32	70.5	32	72.0	36	72.0	40	71.0	40	72	31	72	31	74	32	73.0	33.2	74.0	33.0	73	32.0	72	31	73	30

NOTE: 1. Temperature reading is in Fahrenheit.
2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
3. * Well's or Tunnel not in service.

PET-059-R

THE ISLAND OF LANA'I
1999 PERIODIC WATER REPORT
Chloride Level & Temperature

PERIOD 12, 1999

	PERIOD 1 1/3 - 1/30		PERIOD 2 1/31 - 2/27		PERIOD 3 2/28 - 3/27		PERIOD 4 3/28 - 4/24		PERIOD 5 4/25 - 5/22		PERIOD 6 5/23 - 6/19		PERIOD 7 6/20 - 7/17		PERIOD 8 7/18 - 8/14		PERIOD 9 8/15 - 9/11		PERIOD 10 9/12 - 10/9		PERIOD 11 10/10 - 11/6		PERIOD 12 11/7 - 12/4		PERIOD 13 12/5 - 1/1	
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei - Shaft No. 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 1	80.6	314	80	321	80.3	309	81.6	319	80.3	313	80.9	306	80.5	305	80.4	311	80.0	300	80.3	309	80.1	310	80.3	307		
Well No. 9	82.6	486	82.6	483	82.4	477	82.7	467	82.5	484	82.9	469	82.3	473	83.1	478	*	*	*	*	*	*	*	*		
Well No. 12 Booster #1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Shaft No. 3 (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Shaft No. 3 (Well No. 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Booster #2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Shaft No. 3 (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Well No. 3 (City)	*	*	*	*	*	*	*	*	*	*	*	*	67.3	36	72.6	31	71.8	33	72.2	32	72	32	72	32	72	32
Well No. 3 (Hill Reservoir)	*	*	*	*	*	*	*	*	*	*	*	*	67.3	36	72.6	31	71.8	33	72.2	32	72	32	72	32	72	32
Well No. 4	65.6	22	65.3	23	65.6	23	66.2	22	64.2	21	66.2	21	66.3	22	65.6	22	65.6	22	66.1	23	66	22	65	23		
Well No. 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Well No. 6	66.3	32	66.4	30	65.3	33	63.4	30	66.4	29	67.0	29	66.2	30	66.2	30	66.5	30	66.3	29	66.5	30	63	30		
Well No. 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Well No. 8	72.2	47	72.8	45	66.3	48	72.2	45	72.6	48	73	44	72.1	44	*	*	*	*	*	*	*	*	*	*	*	

NOTE: 1. Temperature reading is in Fahrenheit.
2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
3. * Wells or Tunnel not in service.

PET-061-R

THE ISLAND OF LANA'I 1998 PERIODIC WATER REPORT Chloride Level & Temperature

PERIOD 13, 1998

	PERIOD 1 12/28 - 1/24		PERIOD 2 1/26 - 2/21		PERIOD 3 2/22 - 3/21		PERIOD 4 3/22 - 4/18		PERIOD 5 4/19 - 5/16		PERIOD 6 5/17 - 6/13		PERIOD 7 6/14 - 7/11		PERIOD 8 7/12 - 8/09		PERIOD 9 8/09 - 9/06		PERIOD 10 9/06 - 10/03		PERIOD 11 10/03 - 10/21		PERIOD 12 11/01 - 11/28		PERIOD 13 11/29 - 12/26		
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	
Maunalei Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunalei - Shaft No. 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 1	80.3	449	80.4	299	80.2	357	81.4	318	80.2	303	80.4	309	80.1	342	80.3	300	80.1	311	80.2	308	80.4	323	80.2	320	80.2	322	
Well No. 9	82.7	450	82.4	454	82.9	458	82.9	449	85.5	454	82.8	458	*	*	*	*	*	*	82.8	449	82.8	470	82.9	463	82.9	490	
Well No. 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shaft No. 3 (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shaft No. 3 (Well No. 2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shaft No. 3 (Header)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 3 (City)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 3 (Hill Reservoir)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 4	65.7	23	65.2	21	66.2	22	65.6	23	65.8	24	66.8	22	65.8	23	65.8	22	65.7	23	66.6	23	65.9	23	66.3	23	66	22	
Well No. 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 6	66.6	32	66.1	23	66.2	30	66.3	30	66.2	32	66.6	30	66.4	30	66.6	29	66.4	30	66.5	30	67.4	30	66.3	31	62.2	31	
Well No. 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 8	72.1	46	72.1	44	72.6	46	72.0	47	72.2	46	72.2	45	72.0	47	72.4	44	72.4	46	72.4	45	72.2	46	72.3	47	72	45	

NOTE: 1. Temperature reading is in Fahrenheit.
2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
3. * Well's or Tunnel not in service.

PET-064-R

THE ISLAND OF LANA'I 1997 PERIODIC WATER REPORT Chloride Level & Temperature

PERIOD 13, 1997

	PERIOD 1 12/29 - 1/25		PERIOD 2 1/26 - 2/22		PERIOD 3 2/23 - 3/22		PERIOD 4 3/23 - 4/19		PERIOD 5 4/20 - 5/17		PERIOD 6 5/18 - 6/14		PERIOD 7 6/15 - 7/12		PERIOD 8 7/13 - 8/9		PERIOD 9 8/10 - 9/6		PERIOD 10 9/7 - 10/4		PERIOD 11 10/5 - 11/1		PERIOD 12 11/2 - 11/29		PERIOD 13 12/30 - 12/27	
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.
Maunaloa Tunnel (Lower)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunaloa Tunnel (Upper)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Maunaloa - Shaft No. 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 1	*	*	80.3	311	81.7	306	81.2	313	81.0	308	81.5	301	80.4	308	80.3	302	80.2	299	80.9	311	80.1	307	80.1	309	80.1	318
Well No. 9	82.8	484	82.1	369	82.4	490	82.7	503	83.0	532	*	*	82.8	449	82.8	450	82.7	439	77.5	459	*	*	82.9	461	82.4	446
Well No. 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #1																										
Shaft No. 3 (Header)	86.2	15	82.5	23	87.1	24	82.7	24	86.0	25	*	*	87.8	23	*	*	*	*	87.5	22	87.5	22	87.9	22.8	*	*
Shaft No. 3 (Well No. 2)	86.2	15	82.5	23	87.1	24	82.7	24	86.0	25	*	*	87.8	23	*	*	*	*	87.5	22	87.5	22	87.9	22.8	*	*
Booster #2																										
Shaft No. 3 (Header)	86.2	15	82.5	23	87.1	24	82.7	24	86.0	25	*	*	87.8	23	*	*	*	*	87.5	22	87.5	22	87.9	22.8	*	*
Well No. 3 (City)	*	*	*	*	*	*	*	*	*	*	86.0	30	86.0	30	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 3 (HS Reservoir)	*	*	*	*	*	*	*	*	*	*	86.0	30	86.0	30	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 4	85.7	16	86.1	23	86.3	22	86.3	27	86.0	22	86.5	23	86.5	23	86.1	23	85.8	28	85.7	23	86	22	85.8	23	86	23
Well No. 5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 6	86.1	21	86.3	32	82.3	29	83.1	33	86.0	31	86.0	34	86.8	31	86.5	30	87.4	31	86.8	29	86.2	28	86.5	30.9	86.8	34
Well No. 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Well No. 8	71.8	32	72.3	48	72.1	43	72.8	45	73.0	44	72.5	46	72.0	45	72.6	45	72.1	44	72.2	45	72.3	48	72.5	44.7	72.3	46

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Well's or Tunnel not in service.
 4. # Well's not operating during sampling periods.
 5. Temperature reading not available due to temperature probe broken.

PET-067-R

THE ISLAND OF LANA'I 1996 PERIODIC WATER REPORT Chloride Level & Temperature

PERIOD 13, 1996

	PERIOD 1 1/01 - 1/27 Temp. [C/F]		PERIOD 2 1/28 - 2/24 Temp. [C/F]		PERIOD 3 2/25 - 3/23 Temp. [C/F]		PERIOD 4 3/24 - 4/20 Temp. [C/F]		PERIOD 5 4/21 - 5/18 Temp. [C/F]		PERIOD 6 5/19 - 6/16 Temp. [C/F]		PERIOD 7 6/17 - 7/13 Temp. [C/F]		PERIOD 8 7/14 - 8/10 Temp. [C/F]		PERIOD 9 8/11 - 9/7 Temp. [C/F]		PERIOD 10 9/08 - 10/05 Temp. [C/F]		PERIOD 11 10/06 - 11/02 Temp. [C/F]		PERIOD 12 11/03 - 11/30 Temp. [C/F]		PERIOD 13 12/01 - 12/28 Temp. [C/F]		
Maunaloa Tunnel (Lower)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maunaloa Tunnel (Upper)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maunaloa - Shaft No. 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Well No. 1	80.7	327	80.4	326	81.7	328	##	##	80.7	321	86.7	334	81.3	333	83.2	345	72.7	295	81.7	328	81.1	317	-	-	-	-	-
Well No. 8	82.4	524	82.4	499	82.3	533	82.4	489	82.8	480	83.1	512	83.2	491	82.7	491	82.9	506	82.8	506	82.8	515	82.8	474	82.1	48	48
Well No. 12	86.3	852	##	##	##	##	##	##	##	##	##	85.8	956	87.8	1080	86.7	921	##	##	##	##	##	##	##	##	##	##
Shank No. 3 (Reader #1)	67.8	31	67.4	31	67.8	32	67.5	32	67.8	32	67.8	31	67.2	32	66.1	32	##	##	##	##	##	##	##	##	##	##	##
Shank No. 3 (Reader #2)	67.8	31	67.4	31	67.8	32	67.5	32	67.8	32	67.8	31	67.2	32	66.1	32	##	##	##	##	##	##	##	##	##	##	##
Shank No. 5 (Reader #1)	67.8	31	67.4	31	67.8	32	67.5	32	67.8	32	67.8	31	67.2	32	66.1	32	##	##	##	##	##	##	##	##	##	##	##
Shank No. 5 (Reader #2)	67.8	31	67.4	31	67.8	32	67.5	32	67.8	32	67.8	31	67.2	32	66.1	32	##	##	##	##	##	##	##	##	##	##	##
Well No. 3 (CNY)	73.1	32	72.9	32	73.4	35	73.0	32	73.7	35	74.1	39	73.2	42	73.7	35	##	##	##	##	##	##	##	##	##	##	##
Well No. 3 (H2O Reservoir)	73.1	32	72.9	32	73.4	35	73.0	32	73.7	35	74.1	39	73.2	42	73.7	35	##	##	##	##	##	##	##	##	##	##	##
Well No. 4	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##
Well No. 5	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##
Well No. 6	66.8	27	66.4	26	68.7	30	67.0	30	66.5	29	66.7	28	66.9	28	66.8	26	68.9	31	66.9	31	66.8	25	66.8	26.3	66.8	20	
Well No. 7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Well No. 8	72.0	44	71.8	41	71.8	38	72.0	38.8	72.8	43.0	73.1	37.5	72.0	44	72.1	42.7	72.2	42.8	72.3	46	72.2	42	72.4	38.2	72.1	35	

NOTE: 1. Temperature reading is in Fahrenheit.
2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
3. - Well's or Tunnel not in service.
4. ## Well's not operating during sampling periods.

THE ISLAND OF LANA'I 1995 PERIODIC WATER REPORT Chloride Level & Temperature

PERIOD 13, 1995

PET-073-R

	PERIOD 1 1/01 - 1/28		PERIOD 2 1/29 - 2/25		PERIOD 3 2/26 - 3/25		PERIOD 4 3/26 - 4/22		PERIOD 5 4/23 - 5/20		PERIOD 6 5/21 - 6/17		PERIOD 7 6/18 - 7/15		PERIOD 8 7/16 - 8/12		PERIOD 9 8/13 - 9/08		PERIOD 10 9/09 - 10/07		PERIOD 11 10/08 - 11/04		PERIOD 12 11/05 - 12/02		PERIOD 13 12/03 - 12/30	
	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.	Temp.	Chlrd.
Maunalei Tunnel (Lower)	70.1	43	67.1	36	66	66	67.2	21	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
Maunalei Tunnel (Upper)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maunalei - Shaft No. 2	88.8	39	87.8	42	88	88	88	88	88	88	88	88	88.8	23	88	88	88	88	88	88	88	88	88	88	88	88
Well No. 1	81.3	379	80.2	380	80.5	338	80.1	328	81.1	309	80.8	319	81.1	325	80.9	325	85.2	375	80.8	353	81.1	308	81.1	404	81.1	318
Well No. 8	84.4	414	82.3	512	82.8	479	81.9	477	82.5	401	82.3	445	82.8	511	82.9	518	82.7	518	82.7	519	88	88	82.3	488	82.5	477
Well No. 12	93.1	1288	94.4	1038	95.7	1130	98.7	1261	97.4	1095	95.5	828	95.9	1157	95.0	758	96.0	891	98.3	887	98.5	952	92.8	1080	97.4	878
Booster #1																										
Shaft No. 3 (Header)	88.3	23	87.8	26	87.4	32	87.8	24	87.3	23	87.1	23	85.9	23	87.9	24	87.8	27	87.8	23	87.3	22	87.2	23	87.4	23
Shaft No. 3 (Well No. 2)	89.3	23	87.9	26	87.4	32	87.8	24	87.3	25	87.1	23	85.9	23	87.9	24	87.8	27	87.8	23	87.3	22	87.2	23	87.4	23
Booster #2																										
Shaft No. 3 (Header)	88.3	23	87.9	26	87.4	32	87.8	24	87.3	25	87.1	23	85.9	23	87.9	24	87.8	27	87.8	23	87.3	22	87.2	23	87.4	23
Well No. 3 (City)	70.2	38	70.1	39	70.1	37	67.2	33	73.0	38	72.8	35	73.2	32	73.0	37	72.8	35	88	88	78.0	41	73.2	38	78.7	40
Well No. 3 (Hill Reservoir)	70.2	38	73.1	39	70.1	37	67.2	33	73.0	38	72.8	35	73.2	32	73.0	37	72.8	35	88	88	78.0	41	73.2	38	78.7	40
Well No. 4	88	88	85.9	25	85.7	23	86.1	28	87.4	24	83.0	23	88.5	21	88	88	88	88	88	88	88	88	88	88	88	88
Well No. 5	88	88	88	88	87.9	25.0	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
Well No. 6	85	28	88.6	29	85.8	29	88.8	28	87.0	36	87.8	31	88.3	37	86.8	32	86.9	28	87.1	31	87.1	38	88.7	28	87.3	30
Well No. 7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Well No. 8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71.8	42	88	88	88	88	72.3	44

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Well's or Tunnel not in service.
 4. 88 Well's not operating during sampling periods.

LANAI WATER COMPANY 1994 PERIODIC WATER REPORT Chloride Level & Temperature

PERIOD 13, 1994

	PERIOD 1 1/2 - 1/29		PERIOD 2 1/30 - 2/26		PERIOD 3 2/27 - 3/26		PERIOD 4 3/27 - 4/23		PERIOD 5 4/24 - 5/21		PERIOD 6 5/22 - 6/18		PERIOD 7 6/19 - 7/16		PERIOD 8 7/17 - 8/13		PERIOD 9 8/14 - 9/10		PERIOD 10 9/11 - 10/08		PERIOD 11 10/09 - 11/05		PERIOD 12 11/06 - 12/03		PERIOD 13 12/04 - 12/31	
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.
Maunalei Tunnel (Lower)	67.1	38.0	68.4	36	64.4	36	70.2	33	70.4	35	70.1	37	72.4	35	69.9	36	70.4	42	##	##	69.5	39	71.1	36	69.7	45
Maunalei Tunnel (Upper)	67.1	38.0	68.4	36	64.4	36	70.2	33	70.4	35	70.1	37	72.4	35	69.9	36	70.4	42	##	##	*	*	*	*	*	*
Maunalei - Shaft No. 2	69.5	37.7	68	38	67.8	23	68.9	34	70.4	32	70.8	34	71.3	37	70.1	40	67.8	40	##	##	68.2	38	70.2	36	73.7	31
Well No. 1	81.9	318.0	77.5	323	81.5	302	82.0	310	81.6	305	81.2	348	80.7	331	80.8	326	82.6	364	81.7	348	81.8	375	80.9	311	*	*
Well No. 9	83.7	374.0	83.2	399	83.1	387	83.2	403	83.2	417	83.4	388	83.3	412	82.5	471	83.1	481	82.7	476	82.2	382	81.9	462	81.9	530
Well No. 12											*	*	*	*	*	*	*	*	*	*	94.9	760	94.7	1079	98.5	1197
Shaft No. 3 (Header)	68.4	232	68.2	22	68.5	23	##	##	67.7	20	##	##	##	##	##	##	##	##	##	##	69.2	31	69.7	25	67.6	27
Shaft No. 3 (Well No. 2)	68.4	232	68.2	22	68.5	23	##	##	67.7	20	##	##	##	##	##	##	##	##	##	##	69.2	31	69.7	25	67.6	27
Shaft No. 3 (Header)	68.4	232	68.2	22	68.5	23	##	##	67.7	20	##	##	##	##	##	##	##	##	##	##	69.2	31	69.7	25	67.6	27
Well No. 3 (City)	73.8	34.1	74	33	71.5	33	73.4	30	73.3	30	68.1	33	72.8	38	72.6	36	72.6	34	73.7	37	67.8	27	72.7	35	70	39
Well No. 3 (Irrigation)	73.8	34.1	74	33	71.5	33	73.4	30	73.3	30	68.1	33	72.8	38	72.6	36	72.6	34	73.7	37	67.8	27	72.7	35	70	39
Well No. 4	67.5	20.1	67.5	29	66.8	25	66.5	16	68.3	21	67.0	26	65.7	31	66.9	22	65.9	23	69.6	23	65.1	25	66.3	22	68.2	28
Well No. 5	67.8	22.3	##	##	##	##	##	##	70.5	21	##	##	##	##	##	##	##	##	##	##	68.9	25	67.3	25	67.1	24
Well No. 6	67.5	28.6	67.2	33	67.4	19	67.4	32	71.1	27	76.0	28	73.6	30	66.7	30	66.4	30	72.6	32	68.6	31	66.9	36	N/A	29
Well No. 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Well's or Tunnel not in service.
 4. ## well's not operating during sampling periods.

LANAI WATER COMPANY 1993 PERIODIC WATER REPORT Chloride Level & Temperature

PERIOD 13, 1993

	PERIOD 1 12/27 - 1/30		PERIOD 2 1/31 - 2/27		PERIOD 3 2/28 - 3/27		PERIOD 4 3/28 - 4/24		PERIOD 5 4/25 - 5/22		PERIOD 6 5/23 - 6/19		PERIOD 7 6/20 - 7/17		PERIOD 8 7/18 - 8/14		PERIOD 9 8/15 - 9/11		PERIOD 10 9/12 - 10/09		PERIOD 11 10/10 - 10/06		PERIOD 12 11/07 - 12/04		PERIOD 13 12/05 - 1/01	
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.
Maunalei Tunnel (Lower)	68	11.5	61	32.2	68	23.2	66	34.4	65	28.9	68	31.3	70.3	37.3	71.5	38.2	71.8	37.6	70.4	37.5	69.9	37.6	69.5	25.3	70.3	37.2
Maunalei Tunnel (Upper)	68	11.5	61	32.2	68	23.2	66	34.4	65	28.9	68	31.3	70.3	37.3	71.5	38.2	70.8	37.6	70.4	37.5	69.9	37.6	69.5	25.3	70.3	37.2
Maunalei - Shaft No. 2	68	28.4	61	26.7	68	31.0	65	35.8	68	36.3	66	35.2	70.9	35.8	71.3	35.3	71.2	36.1	70.8	35.7	71.2	35.9	69.5	35.7	69.2	36.4
Well No. 1	*	*	61	353.6	71	323.0	80	319.9	68	319.0	68	310.1	80.0	328.0	81.3	320.0	81.3	323.0	81.7	322.0	81.4	326.0	81.5	324.0	81.4	324.0
Well No. 9	*	*	*	*	*	*	*	*	*	*	*	*	83.8	369.0	84.3	373	83.8	372	83.8	371	84.1	369	84.1	377	83.6	365
Shaft No. 3 (Header)	68	21.7	60	18.7	68	22.0	68	18.9	72	21.8	66	20.4	67.0	22.6	67.2	23.1	67.5	24.3	67.7	24.8	66.8	24.1	69.2	21.6	67.3	24.9
Shaft No. 3 (Well No. 2)	68	21.7	60	18.7	68	22.0	68	18.9	72	21.8	66	20.4	67.0	22.6	67.2	23.1	67.5	24.3	67.7	24.8	66.8	24.1	69.2	21.6	67.3	24.9
Shaft No. 3 (Header)	68	21.7	60	18.7	68	22.0	68	18.9	72	21.8	66	20.4	67.0	22.6	67.2	23.1	67.5	24.3	67.7	24.8	66.8	24.1	69.2	21.6	67.3	24.9
Well No. 3 (City)	71	19.5	65	31.5	70	32.9	*	*	65	21.7	65	22.0	73.0	29.8	74.2	30.1	73.8	30.9	73.1	31.1	72.9	32.1	73.7	30.2	74.1	36.2
Well No. 3 (Irrigation)	71	19.5	65	31.5	70	32.9	*	*	65	21.7	65	22.0	73.0	29.8	74.2	30.1	73.8	30.9	73.1	31.1	72.9	32.1	73.7	30.2	74.1	36.2
Well No. 4	68	19.4	61	20.0	64	19.2	64	18.2	65	20.4	*	*	66.2	13.9	66.6	14.3	66.9	15.1	## not pumping available	66.9	14.8	66.6	19.6	66.5	21.7	
Well No. 5	68	19.7	61	21.1	64	20.6	64	20.6	64	19.0	*	*	66.1	23.2	67.2	22.3	67.5	23.1	## not pumping available	## not pumping available	## not pumping available	## not pumping available	## not pumping available	## not pumping available	## not pumping available	
Well No. 6	68	17.4	61	16.8	64	26.3	64	24.7	64	25.0	68	25.8	67.3	22.1	67.6	23.1	67.8	23.5	67.4	24.7	67.6	26.1	67.4	27.5	68.8	28.9
Well No. 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* WELLS NOT IN SERVICE
WELLS NOT OPERATING DURING SAMPLING PERIODS

LANAI WATER COMPANY 1992 PERIODIC WATER REPORT Chloride Level & Temperature

PERIOD 13, 1992

	PERIOD 1 12/29 - 1/25		PERIOD 2 1/26 - 2/22		PERIOD 3 2/23 - 3/21		PERIOD 4 3/22 - 4/18		PERIOD 5 4/19 - 5/16		PERIOD 6 5/17 - 6/13		PERIOD 7 6/14 - 7/11		PERIOD 8 7/12 - 8/08		PERIOD 9 8/09 - 9/05		PERIOD 10 9/06 - 10/03		PERIOD 11 10/04 - 10/31		PERIOD 12 11/01 - 11/28		PERIOD 13 11/29 - 12/26	
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.
Maunalei Tunnel (Lower)	66	21.6	66	26.6	64	22.0	65	21.7	68	35.6	65	34.3	*	*	65	31.2	71	35.0	71	33.9	71	34.5	70	34.2	70	34.4
Maunalei Tunnel (Upper)	66	21.6	66	26.6	64	22.0	65	21.7	68	35.6	65	34.3	*	*	65	31.2	71	35.0	71	33.9	71	34.5	70	34.2	70	34.0
Maunalei - Shaft No. 2	66	35.9	67	41.1	68	38.9	67	23.3	65	34.7	65	36.7	*	*	65	35.7	69	35.5	71	35.1	70	32.1	70	36.7	72	35.3
Well No. 1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #1 Shaft No. 3 (Header)	66	19.2	67	18.8	66	21.4	66	21.4	*	*	69	22.1	70	19.8	76	35.3	68	18.6	70	19.7	70	20.2	70	22.0	70	22.2
Shaft No. 3 (Well No. 2)	66	19.2	67	18.8	66	21.4	66	21.4	*	*	69	22.1	70	19.8	76	35.3	68	18.6	70	19.7	70	20.2	70	22.0	70	22.2
Booster #2 Shaft No. 3 (Header)	66	19.2	67	18.8	66	21.4	66	21.4	*	*	69	22.1	70	19.8	76	35.3	68	18.6	70	19.7	70	20.2	70	22.0	70	22.2
Well No. 3 (City)	70	36.9	69	36.4	71	32.4	72	28.6	72	35.9	74	33.2	72	33.3	72	34.7	72	31.3	72	29.5	72	32.0	72	32.3	72	32.0
Well No. 3 (Irrigation)	70	36.9	69	36.4	71	32.4	72	28.6	72	35.9	74	33.2	72	33.3	72	34.7	72	31.3	72	29.5	72	32.0	72	32.3	72	32.0
Well No. 4	67	22.0	67	21.0	64	21.5	64	21.3	68	20.1	64	21.5	66	21.2	66	22.0	64	22.0	68	20.2	68	21.3	68	22.2	68	22.0
Well No. 5	67	23.8	66	24.0	66	22.0	65	22.2	68	24.0	66	22.0	65	22.0	66	21.8	65	22.4	68	21.4	68	19.0	68	22.2	*	*
Koala Well No. 6 Golf Course	66	29.4	67	29.4	67	29.4	66	27.7	68	20.7	66	30.3	69	28.7	66	26.2	67	28.0	68	32.1	68	30.1	68	32.0	68	32.1
Well No. 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* WELLS NOT IN SERVICE

LANAI WATER COMPANY 1991 PERIODIC WATER REPORT Chloride Level & Temperature

PERIOD 13, 1991

	PERIOD 1 12/30 - 1/25		PERIOD 2 1/27 - 2/23		PERIOD 3 2/24 - 3/23		PERIOD 4 3/24 - 4/20		PERIOD 5 4/21 - 5/18		PERIOD 6 5/19 - 6/15		PERIOD 7 6/16 - 7/13		PERIOD 8 7/14 - 8/10		PERIOD 9 8/11 - 9/07		PERIOD 10 9/08 - 10/05		PERIOD 11 10/06 - 11/2		PERIOD 12 11/3 - 11/30		PERIOD 13 12/01 - 12/28	
	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.	Temp.	Chld.
Maunalei Tunnel (Lower)	67	21.5	69	21.9	69	22.1	68	21.0	69	21.5	69	22.0	69	21.7	68	21.6	68	21.5	68	21.5	67	22.0	67	21.5	67	21.8
Maunalei Tunnel (Upper)	67	21.5	69	21.9	69	22.1	68	21.0	69	21.6	69	21.9	69	22.0	68	21.6	68	21.5	68	21.5	67	22.0	67	21.5	67	21.8
Maunalei - Shaft No. 2	68	41.0	68	40.4	68	39.0	68	41.0	69	40.7	69	40.3	69	40.4	69	41.0	68	41.0	68	40.5	67	39.7	67	40.3	67	39.8
Well No. 1	87	335.0	83	322.0	81.5	330.0	83	330.0	82	331.6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster #1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shaft No. 3 (Header)	*	*	*	*	67	19.2	66	19.7	65	19.7	66	19.5	67	19.7	67	19.6	65	19.4	66	19.4	65	19.1	65	19.2	66	19.4
Shaft No. 3 (Well No. 2)	*	*	*	*	67	19.2	66	19.7	65	19.7	66	19.5	67	19.7	67	19.6	65	19.4	66	19.4	65	19.1	65	19.2	66	19.4
Booster #2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shaft No. 3 (Header)	*	*	*	*	67	19.2	66	19.7	65	19.7	66	19.5	67	19.7	67	19.6	65	19.4	66	19.4	65	19.1	65	19.2	66	19.4
Well No. 3 (City)	73	37.3	74.5	36.9	71	36.0	73	37.4	71	37.3	71	37.4	72	38.0	72	37.8	71	37.5	71	37.5	72	38.0	71	37.6	71	37.6
Well No. 3 (Irrigation)	73	37.3	74.5	36.9	71	36.0	73	37.4	71	37.3	71	37.4	72	38.0	72	37.8	71	37.5	71	37.5	72	38.0	71	37.6	71	37.6
Well No. 4	*	*	*	*	67	22.8	66	22.7	67	22.4	67	22.6	67	22.6	66	22.7	67	22.4	66	22.1	66	21.7	67	22.0	66	21.5
Well No. 5	66	23.0	66	23.0	68	23.0	67	23.1	66	22.8	67	23.1	67	23.5	66	23.1	66	23.2	66	23.5	65	23.4	66	23.4	66	23.7
Koele																										
Well No. 6 Golf Course	67	30.0	66	27.6	67	30.7	66	27.0	66	29.1	66	29.0	66	28.0	67	29.0	66	28.9	64	30.9	66.5	29.7	66	29.4	65	30.0
Well No. 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* WELLS NOT IN SERVICE