



RECEIVED

AUG 08 2005

HUMBOLDT COUNTY
PLANNING COMMISSION

Date: August 4, 2005

To: Michael E. Wheeler, Senior Planner, Humboldt County Planning Department

From: Chi-Wei Lin, Mayor and Water Commissioner, City of Trinidad

Re: Comments on Moss Subdivision Reapplication--supporting material

Dear Mr. Wheeler:

I am providing you with material to support statements made in my letter of May 25, 2004 when I was the Water Commissioner for the City of Trinidad. I have since become the Mayor of the City and remain as Water Commissioner.

1. The reports of the Public Water System Statistics for the Trinidad Water Department for the past 15 years (1990 to 2004) are provided. The Section 3 of the reports, "Total Water into the System--Units of production" shows that the total water production per year over this period has steadily increased. Between 1994 and 2003 there is an increase of 74% water production, from 26 to 45 million gallons in order to meet demands. Thus, a 74% increase in water taken from Luffenholtz Creek over the same period. The extra water capacity of the Creek estimated by the Winzler and Kelly study of 1995 is likely unavailable today. Although I cannot unequivocally state that Luffenholtz is at capacity due to variation in rainfall from year to year, I can state that the likelihood that we may experience water shortage is greater today than 10 years ago.

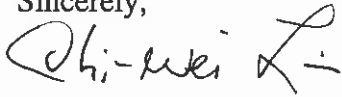
2. The water quality standards for organic compounds (Table 64444-A) for 2000 vs 2004 are provided. The newer standard requires lower levels of 6 chemicals (identified with check marks) in drinking water. The more stringent standard after 2003 is also described in a September 7, 2001 memo (attached) to all California Water Systems from the Department of Health services. Further, the standard for water turbidity allowed, a general measurement for overall water quality (lower turbidity indicates higher water quality), has decreased from 1.0 unit in 1980 to 0.5 unit in 1990 and will become 0.3 unit in 2006. With more stringent standards, any increase in contamination due to increase in development will have a greater impact on our daily efforts to remove these contaminants.

3. The issue of fire safety is not new. My letter simply pointed out that the County, when granted the original permit, did not take this into consideration. However, over the past few

years, the incidence of forest fire seems become more common and getting closer to Trinidad. Consequently, the fire safety issue becomes a greater concern.

I hope these will help. Please connect me if any I can have any further assistance. I plan to attend to hearing.

Sincerely,

A handwritten signature in black ink that reads "Chi-Wei Lin". The signature is written in a cursive style with a large, stylized "L" at the end.

Chi-Wei Lin
Mayor

PUBLIC WATER SYSTEM STATISTICS

Calendar Year 2004

1. General Information

Please follow the guidelines on the back of this form.

Contact: NOEL B. PONNIAH

Title: W.T.O.

Phone: 707-677-3862

Fax: 707-677-3759

E-mail:

Website:

Communities served: CITY OF TRINIDAD

County: HUMBOLDT

Population served: 850

Complete this portion if the system serves all or part of an incorporated city

Inside City Limits	Outside City Limits	
	Metered	Unmetered
Metered 214	Metered 101	Unmetered

2. Active Service Connections

Customer Class	Recycled Water	Potable Water	
		Metered	Unmetered
Single Family Residential	N/A	N/A	N/A
Multi-family Residential	N/A	N/A	N/A
Commercial/Institutional	N/A	N/A	N/A
Industrial	N/A	N/A	N/A
Landscape Irrigation	N/A	N/A	N/A
Other	N/A	N/A	N/A
Agricultural Irrigation	N/A	N/A	N/A
TOTAL	N/A	N/A	N/A

3. Total Water Into the System - Units of production:

acre-feet million gallons hundred cubic feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Potable	2,777	2,670	2,980	3,239	3,879	4,007	4,474	4,201	3,816	3,781	3,008	2,972	41,804
Wells Surface Purchased ^{1/}													
Recycled ^{2/}	2,777	2,670	2,980	3,239	3,879	4,007	4,474	4,201	3,816	3,781	3,008	2,972	41,804

1/ Potable wholesale supplier(s):

2/ Recycled wholesale supplier(s):

Level of treatment:

4. Metered Water Deliveries - Units of delivery:

acre-feet million gallons hundred cubic feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A. Single Family Residential	1,828	1,529	1,545	1,710	2,232	3,200	2,692	2,400	2,754	2,025	1,440	1,422	24,777
B. Multi-family Residential													
C. Commercial/Institutional													
D. Industrial													
E. Landscape Irrigation													
F. Other													
Total Urban Retail (A thru F)	1,828	1,529	1,545	1,710	2,232	3,200	2,692	2,400	2,754	2,025	1,440	1,422	24,777
Agricultural Irrigation Wholesale (to other agencies)													

PUBLIC WATER SYSTEM STATISTICS

Calendar Year 2003

1. General Information

Please follow the guidelines on the back of this form.

Contact: **Noel B. Ponniah**
 Title: **W.T.O**
 Phone: **(707)677-3862**
 Fax: **(707)677-3759**
 E-mail: _____
 Website: _____

Communities served: **City of Trinidad**

County: **Humboldt**
 Population served: **650**

2. Active Service Connections

Customer Class	Recycled Water		Potable Water		Inside City Limits		Outside City Limits	
	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered
Single Family Residential	N/A	N/A	N/A	N/A	211		101	
Multi-family Residential	N/A	N/A	N/A	N/A				
Commercial/Institutional	N/A	N/A	N/A	N/A				
Industrial	N/A	N/A	N/A	N/A				
Landscape Irrigation	N/A	N/A	N/A	N/A				
Other	N/A	N/A	N/A	N/A				
Agricultural Irrigation								
TOTAL	N/A	N/A	N/A	N/A	211	211	101	101

3. Total Water Into the System - Units of production:

Wells	Units of production												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Surface	3,438	3,054	3,220	3,240	3,566	3,626	4,827	4,591	4,478	4,078	3,500	3,461	45,079
Purchased ^{1/}													
Total Potable	3,438	3,054	3,220	3,240	3,566	3,626	4,827	4,591	4,478	4,078	3,500	3,461	45,079

Recycled^{2/} _____

1/ Potable wholesale supplier(s): **N/A**

2/ Recycled wholesale supplier(s): **N/A**

Level of treatment: _____

4. Metered Water Deliveries - Units of delivery:

Customer Class	Units of delivery												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
A. Single Family Residential	1,702	1,967	1,436	1,608	1,649	2,169	2,932	2,631	2,987	2,658	1,371	1,867	24,977
B. Multi-family Residential													
C. Commercial/Institutional													
D. Industrial													
E. Landscape Irrigation													
F. Other													
Total Urban Retail (A thru F)	1,702	1,967	1,436	1,608	1,649	2,169	2,932	2,631	2,987	2,658	1,371	1,867	24,977
Agricultural Irrigation													
Wholesale (to other agencies)													

Department of Water Resources

Public Water System Statistics

Trinidad, City of
NOEL B PONMAH
Water Treatment Operator
P. O. BOX 390
TRINIDAD

1. General Information

Please follow the guidelines on the back of this form.

Contact: Noel B. Ponniah
Title: W.T.O.
Phone: (707)677-3862
Fax: (707)677-3759
Communities served:
City of Trinidad
County: Humboldt
Population served: 650

2. Active Service Connections

Customer Class	Recycled Water		Potable Water		Inside City Limits		Outside City Limits	
	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered
Single Family Residential	N/A	N/A	N/A	N/A	207		101	
Multi-family Residential	N/A	N/A	N/A	N/A				
Commercial/Institutional	N/A	N/A	N/A	N/A				
Industrial	N/A	N/A	N/A	N/A				
Landscape Irrigation	N/A	N/A	N/A	N/A				
Other	N/A	N/A	N/A	N/A				
Agricultural Irrigation	N/A	N/A	N/A	N/A				
TOTAL	N/A	N/A	N/A	N/A	207		101	

Complete this portion if the system serves all or part of an incorporated city

3. Total Water Into the System - Units of production:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Well B		3,272	4,623	3,361	3,786	4,207	4,672	4,553	4,110	3,777	3,410	3,451	46,931
Surface Purchased 1/													
Total Potable		3,272	4,623	3,361	3,786	4,207	4,672	4,553	4,110	3,777	3,410	3,451	46,931
Recycled 2/													

1/ Potable wholesale supplier(s): N/A

2/ Recycled wholesale supplier(s): N/A

Level of treatment:

N/A

4. Metered Water Deliveries - Units of delivery:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A. Single Family Residential	2,242,313	2,398,859	1,993,423	1,720,259	2,097,482	3,024,411	2,778,001	3,182,455	2,815,699	2,656,298	1,651,432	1,839,451	28,200,683
B. Multi-family Residential													
C. Commercial/Institutional													
D. Industrial													
E. Landscape Irrigation													
F. Other													
Total Urban Retail (A thru F)	2,242,313	2,398,859	1,993,423	1,720,259	2,097,482	3,024,411	2,778,001	3,182,455	2,815,699	2,656,298	1,651,432	1,839,451	28,200,683
Agricultural Irrigation													
Wholesale (to other agencies)													

DWR 38 (Rev. 4/01) Side One

1. General Information

Please follow the guidelines on the back of this form.

Contact: Noel B. Ponniah
 Title: W.T.O.
 Phone: (707) 677-3862
 Fax: (707) 677-3759
 E-mail:
 Website:
 Communities served:
 City of Trinidad
 County: Humboldt
 Population served 650

Trinidad, City of
 NOEL B PONNIAH
 PO BOX 390
 TRINIDAD CA 96134

1210081

2. Active Service Connections

Customer Class	Recycled Water		Potable Water		Inside City Limits		Outside City Limit	
	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered
Single Family Residential	N/A	N/A	N/A	N/A	207		101	
Multi-family Residential	N/A	N/A	N/A	N/A				
Commercial/Institutional	N/A	N/A	N/A	N/A				
Industrial	N/A	N/A	N/A	N/A				
Landscape Irrigation	N/A	N/A	N/A	N/A				
Other	N/A	N/A	N/A	N/A				
Agricultural Irrigation	N/A	N/A	N/A	N/A				
TOTAL	N/A	N/A	N/A	N/A	207		101	

3. Total Water Into the System - Units of production:

Wells	Units of production:												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Potable Surface	3.075	2.536	2.970	1.815	3.574	3.784	4.351	4.455	3.854	3.711	3.327	3.521	40.97
Purchased 1'													
Total Potable	3.075	2.536	2.970	1.815	3.574	3.784	4.351	4.455	3.854	3.711	3.327	3.521	40.97
Recycled 2'													

1' Potable wholesale supplier(s): N/A

2' Recycled wholesale supplier(s): N/A

Level of treatment: N/A

4. Metered Water Deliveries - Units of delivery:

A. Single Family Residential	Units of delivery:												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
B. Multi-family Residential	N/A												
C. Commercial/Institutional	N/A												
D. Industrial	N/A												
E. Landscape Irrigation	N/A												
F. Other	N/A												
Total Urban Retail (A thru F)	1.617143	1.545523	1.799694	1.784468	1.951006	2.735795	2.745694	2.910398	2.591764	2.217699	1.063062	1.920120	25.3045
Agricultural Irrigation													
Wholesale (to other agencies)													

3WR 38 (Rev. 03/02)

Calendar Year 2000

Public Water System Statistics

1. General Information

Please follow the guidelines on the back of this form.

Contact: Noel B. Ponniah
 Title: W.T.O.
 Phone: (707) 677-3862
 Fax: (707) 677-3759

Communities served:

City of Trinidad

County: Humboldt

Population served 650

Complete this portion if the system serves all or part of an incorporated city

Inside City Limits	Outside City Limits	
	Metered	Unmetered
Metered 207	Metered 101	Unmetered
Unmetered		

2. Active Service Connections

Customer Class	Recycled Water	Potable Water	
		Metered	Unmetered
Single Family Residential	N/A	N/A	N/A
Multi-family Residential	N/A	N/A	N/A
Commercial/Institutional	N/A	N/A	N/A
Industrial	N/A	N/A	N/A
Landscape Irrigation	N/A	N/A	N/A
Other	N/A	N/A	N/A
Agricultural Irrigation	N/A	N/A	N/A
TOTAL	N/A	N/A	N/A

3. Total Water Into the System - Units of production:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Wells													
Potable Surface	2.486	2.415	2.608	2.565	2.802	3.108	3.560	3.867	3.366	2.962	3.017	3.196	36.07
Purchased 1/													
Total Potable	2.486	2.415	2.608	2.565	2.802	3.108	3.560	3.867	3.366	2.962	3.017	3.196	36.07
Recycled 2/													

1/ Potable wholesale supplier(s): N/A

Level of treatment: N/A

2/ Recycled wholesale supplier(s): N/A

4. Metered Water Deliveries - Units of delivery:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A. Single Family Residential	1.758189	1.551659	1.630288	2.603977	2.031949	2.372813	2.854525	2.835824	2.437382	2.211043	2.897857	1.720004	24.3522
B. Multi-family Residential													
C. Commercial/Institutional													
D. Industrial													
E. Landscape Irrigation													
F. Other													
Total Urban Retail (A thru F)	1.758189	1.551659	1.630288	2.603977	2.031949	2.372813	2.854525	2.835824	2.437382	2.211043	2.897857	1.720004	26.3052
Agricultural Irrigation													
Wholesale (to other agencies)													

Public Water System Statistics

1. General Information

Please follow the guidelines on the back of this form.

Contact: Noel B. Ponniah
 Title: W.T.O.
 Phone: 707-677-3862
 Fax: 707-677-3759
 Communities served: _____
 City of Trinidad
 County: Humboldt
 Population served: 650

Trinidad, City of
 NOEL B PONNIAH
 Water Treatment Operator
 P. O. BOX 390
 TRINIDAD

CA 96134

2. Active Service Connections

Customer Class	Recycled Water		Potable Water		Inside City Limits		Outside City Limits	
	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered
Single Family Residential	N/A	N/A	N/A	N/A	214		108	
Multi-family Residential	N/A	-	N/A	-				
Commercial/Institutional	N/A	-	N/A	-				
Industrial	N/A	-	N/A	-				
Landscape Irrigation	N/A	-	N/A	-				
Other	N/A	-	N/A	-				
Agricultural Irrigation	N/A	-	N/A	-				
TOTAL	N/A	N/A	N/A	N/A	214		108	

Complete this portion if the system serves all or part of an incorporated city

3. Total Water Into the System - Units of production: _____ acre-feet _____ million gallons _____ hundred cubic feet

Units	Units of production												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Potable	2.841	1.989	1.964	2.153	2.478	2.597	3.143	3.027	2.779	2.909	2.445	2.600	30.925
Surface													
Purchased ^{1/}													
Total Potable	2.841	1.989	1.964	2.153	2.478	2.597	3.143	3.027	2.779	2.909	2.445	2.600	30.925
Recycled ^{2/}													

1/ Potable wholesale supplier(s): N/A
 2/ Recycled wholesale supplier(s): N/A
 Level of treatment: N/A

4. Metered Water Deliveries - Units of delivery: _____ acre-feet _____ million gallons _____ hundred cubic feet

Category	Units of delivery												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
A. Single Family Residential	1.853297	1.596052	1.791128	1.770907	1.896398	1.966321	2.245511	2.342384	2.562259	2.104776	1.606257	2.015389	23.83266
B. Multi-family Residential	N/A												
C. Commercial/Institutional	N/A												
D. Industrial	N/A												
E. Landscape Irrigation	N/A												
F. Other	N/A												
Total Urban Retail (A thru F)	1.853297	1.596052	1.791128	1.770907	1.896398	1.966321	2.245511	2.342384	2.562259	2.104776	1.606257	2.015389	23.83266
Agricultural Irrigation													
Wholesale (to other agencies)													

Public Water System Statistics

1. General Information

Please follow the guidelines on the back of this form.

Contact : Noel B Ponniah
 Title: WTO
 Phone: (707) 677-3862
 Fax: (707) 677-3759
 Communities served: _____
City of Trinidad
 County: Humboldt County
 Population served: 650

Trinidad, City of
 NOEL B PONNIAH
 Water Treatment Operator
 P. O. BOX 390
 TRINIDAD

CA 96134

Public Water System Number: 1210018 ND

2. Active Service Connections

Customer Class	Recycled Water		Potable Water		Inside City Limits		Outside City Limits	
	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered
Single Family Residential	N/A	N/A	N/A	N/A	211		108	
Multi-family Residential	N/A	N/A	N/A	N/A				
Commercial/Institutional	N/A	N/A	N/A	N/A				
Industrial	N/A	N/A	N/A	N/A				
Landscape Irrigation	N/A	N/A	N/A	N/A				
Other	N/A	N/A	N/A	N/A				
Agricultural Irrigation	N/A	N/A	N/A	N/A				
TOTAL	N/A	N/A	N/A	N/A	211		108	

Complete this portion if the system serves all or part of an incorporated city

3. Total Water Into the System - Units of production: _____ acre-feet _____ million gallons _____ hundred cubic feet

Wells	Units of production												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To
Potable	2,125	1,993	2,730	2,099	2,377	2,920	2,990	3,275	2,921	2,582	2,548	2,908	31.4
Surface													
Purchased ^{1/}													
Total Potable	2,125	1,993	2,730	2,099	2,377	2,920	2,990	3,275	2,921	2,582	2,548	2,908	31.4
Recycled ^{2/}													

1/ Potable wholesale supplier(s): _____
 2/ Recycled wholesale supplier(s): _____
 Level of treatment: _____

4. Metered Water Deliveries - Units of delivery: _____ acre-feet _____ million gallons _____ hundred cubic feet

Wells	Units of delivery												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To
A. Single Family Residential	1,715,926	1,427,266	2,135,270	1,786,104	1,732,689	2,121,043	2,529,120	2,700,212	2,721,612	2,292,044	1,631,141	1,582,670	24,377
B. Multi-family Residential	N/A												
C. Commercial/Institutional	N/A												
D. Industrial	N/A												
E. Landscape Irrigation	N/A												
F. Other	N/A												
Total Urban Retail (A thru F)	1,715,926	1,427,266	2,135,270	1,786,104	1,732,689	2,121,043	2,529,120	2,700,212	2,721,612	2,292,044	1,631,141	1,582,670	24,377
Agricultural Irrigation													
Wholesale (to other agencies)													

Public Water System Statistics

Calendar Year 1995

1. General Information

Please follow the guidelines on the back of this form.

Tulelake, City of
NOEL B PONNIAH

P. O. BOX 390
TRINIDAD

CA 96134

Contact Person Noel B Ponniah
 Title W.D.
 Phone (707) 677-3862
 Fax (707) 677-3759
 Communities served City of Trinidad
 County Humboldt County
 Estimated population served 650

2. Active Service Connections

Customer Class	Connections		Inside City Limits		Outside City Limits	
	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered
Single Family Residential						
Multi-family Residential						
Commercial/Institutional						
Industrial						
Landscape Irrigation						
Other						
Agricultural Irrigation						
TOTAL			309		94	

Complete this portion if the system serves all or part of an incorporated city

3. Total Water Into the System - Units of production: X million gallons hundred cubic feet

Wells	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Surface	1-9217	1-8491	1-8484	1-9417	2-0823	2-3890	2-8194	3-2335	2-5854	2-2497	2-1348	1-902	26-957
Purchased 1/													
TOTAL	1-9217	1-8491	1-8484	1-9417	2-0823	2-3890	2-8194	3-2335	2-5854	2-2497	2-1348	1-902	26-957
Reclaimed (for retail delivery)													

1/ Please identify the wholesale water agencies N/A

4. Metered Water Deliveries - Units of delivery: acre-feet X million gallons hundred cubic feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A. Single Family Residential	N/A												
B. Multi-family Residential	17-135109	18-799035	14-061718	17-447223	16-193826	18-222626	16-561393	25-785504	26-356077	17-178867	17-617773	19-20086	224-55796
C. Commercial/Institutional	N/A												
D. Industrial	N/A												
E. Landscape Irrigation	N/A												
F. Other	N/A												
TOTAL (A through F)	17-135109	18-799035	14-061718	17-447223	16-193826	18-222626	16-561393	25-785504	26-356077	17-178867	17-617773	19-20086	224-55796
Agricultural Irrigation	N/A												
Wholesale (to other agencies)	N/A												

Public Water System Statistics

Calendar Year 1994

I. General Information - Please follow guidelines on reverse side

Agency / System: TRINIDAD, CITY OF

Public Water System Number: 1210018

Mailing Address: P.O. Box 390

Trinidad, CA 95570

ND

Contact Person / Title NOEL B. PONNIAH

Phone 707-677-3862 Fax 707-677-3759

Communities served CITY OF TRINIDAD

Estimated population served 1,000

II. Active Service Connections

Complete this portion only if the system serves entire city

Customer Class	Connections		Inside City Limits		Outside City Limits	
	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered
Single Family Residential						
Multi-family Residential	<u>N/A</u>		<u>309</u>			<u>94</u>
Commercial/Institutional						
Industrial						
Landscape Irrigation						
Other						
Agricultural Irrigation						
TOTAL			<u>309</u>			<u>94</u>

III. Total Water Into the System Units of production: acre-feet million gallons hundred cubic feet

Potable	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Tot
Wells													
Surface		<u>1.8554</u>	<u>1.8886</u>	<u>1.946</u>	<u>1.898</u>	<u>2.334</u>	<u>2.667</u>	<u>3.091</u>	<u>2.446</u>	<u>2.279</u>	<u>1.9182</u>	<u>1.9078</u>	<u>25.8</u>
Purchased 1/													
TOTAL		<u>1.8554</u>	<u>1.8886</u>	<u>1.946</u>	<u>1.898</u>	<u>2.334</u>	<u>2.667</u>	<u>3.091</u>	<u>2.446</u>	<u>2.279</u>	<u>1.9182</u>	<u>1.9078</u>	<u>25.8</u>
Reclaimed (for retail delivery)													

1/ Please identify the wholesale water agencies N/A

IV. Metered Water Deliveries Units of delivery: million gallons hundred cubic feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Tot
A. Single Family Residential	<u>N/A</u>												
B. Multi-family Residential	<u>16.83317</u>	<u>13.94625</u>	<u>13.35442</u>	<u>17.02201</u>	<u>15.862088</u>	<u>18.679056</u>	<u>19.522382</u>	<u>22.806672</u>	<u>21.955296</u>	<u>18.782410</u>	<u>15.566028</u>	<u>14.309387</u>	<u>215.1</u>
C. Commercial/Institutional	<u>N/A</u>												
D. Industrial	<u>N/A</u>												
E. Landscape Irrigation	<u>N/A</u>												
F. Other	<u>N/A</u>												
TOTAL (A through F)	<u>N/A</u>												
Agricultural Irrigation	<u>N/A</u>												
Wholesale (to other agencies)	<u>N/A</u>												

DEPARTMENT OF WATER RESOURCES
URBAN WATER UTILITY STATISTICS

City of Trinidad 1210018

SYSTEM NAME:

CALENDAR YEAR: 1993

Trinidad

SERVING CITY(IES) OF: COUNTY OF: Humboldt

1. CLASSIFICATION AND NUMBER OF ACTIVE ACCOUNTS:

RESIDENTIAL
COMMERCIAL
INDUSTRIAL (MFG.)
GOVERNMENTAL
IRRIGATION: Agricultural Crops
Parks, Golf Courses, etc.
(Please see Instructions)

INSIDE CITY LIMITS		OUTSIDE CITY LIMITS	
FLAT-RATE	METERED	FLAT-RATE	METERED
N/A	309	---	91
N/A	---	---	---
N/A	---	---	---
N/A	---	---	---
N/A	---	---	---
N/A	309	---	91

TOTAL:

2. RESIDENTIAL: PLEASE INDICATE: (a) Number of single family dwellings you serve
(b) Number of all other dwelling units you serve

3. ESTIMATED RESIDENT (PERMANENT) POPULATION SERVED: N/A

INSIDE CITY LIMITS: N/A

OUTSIDE CITY LIMITS: N/A

4. MONTHLY WATER PRODUCTION: (Million gallons) — Because of normal system losses "Water Production" will be greater than "Total Delivered".

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TOTAL
WATER INTO SYSTEM	1,988.1	1,701.1	1,978.2	1,918.0	2,271.2	2,957.9	3,007.2	4,771.2	2,002.2	1,679.1	1,899.2	1,803.5	26,369.5
RECLAIMED WATER													
ACQUIRED FOR SALE													

5. SOURCES OF WATER: (Please see Instructions)

6. METERED DELIVERIES: (Million gallons)

RESIDENTIAL: Apartments (Multiples)
Single Family
COMMERCIAL
INDUSTRIAL (MFG.)
GOVERNMENTAL
IRRIGATION: Agricultural Crops
Parks, Golf Courses, etc.

SELF-PRODUCED: WELLS _____ % and/or PURCHASED _____ %
SURFACE _____ % WELLS _____ %
SURFACE _____ %

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TOTAL
TOTAL DELIVERED	14,217	13,800	16,617	14,140	16,029	12,546	16,029	15,251	12,445	17,282	13,720	14,594	178,772

TOTAL DELIVERED

7. DELIVERY(IES) TO OTHER AGENCY(IES): Yes No No NAME(S) OF AGENCY(IES) [and amounts (MG) use separate sheet if necessary] N/A

8. UNUSUAL EVENT, (i.e., annexation, major price change, new industry, etc.): N/A

12-018

City of Trinidad
No. 3, Ponniah
P.O. Box 390
Trinidad, CA 95570
707-677-0223

1992

CALENDAR YEAR:

Humboldt

COUNTY OF:

Trinidad

SERVING CITY(IES) OF:

1. CLASSIFICATION AND NUMBER OF ACTIVE ACCOUNTS:

RESIDENTIAL
COMMERCIAL
INDUSTRIAL (MFG.)
PUBLIC AUTHORITY
IRRIGATION: Agricultural Crops
Parks, Golf Courses, Cemeteries, etc.

	INSIDE CITY LIMITS		OUTSIDE CITY LIMITS	
	FLAT-RATE	METERED	FLAT-RATE	METERED
	N/A	214	1	88
	N/A	-	N/A	-
	N/A	-	N/A	-
	N/A	-	N/A	-
	N/A	-	N/A	-
TOTAL		214		88

2. RESIDENTIAL: PLEASE INDICATE: (a) Number of single family dwellings you serve
(b) Number of all other dwelling units you serve

3. ESTIMATED RESIDENT (PERMANENT) POPULATION SERVED:

INSIDE CITY LIMITS
OUTSIDE CITY LIMITS

4. MONTHLY WATER PRODUCTION: (Million gallons) - Because of normal system losses "Water Production" will be greater than "Total Delivered".

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TOTAL
	2,369	2,191	2,031	2,119	2,707	2,829	2,911	2,968	2,317	2,008	2,1,900	2,1,649	28,0029

5. SOURCE(S) OF WATER:

WATER INTO SYSTEM
WASTE WATER RECLAIMED
SELF-PRODUCED%
WELLS%
SURFACE%
PURCHASED%
WELLS%
SURFACE%

6. METERED DELIVERIES: (Million gallons)

RESIDENTIAL
Apartments (Multiples)
Single Family
COMMERCIAL
INDUSTRIAL (MFG.)
PUBLIC AUTHORITY (Governmental)
IRRIGATION: Agricultural Crops
Parks, Golf Courses, etc.

7. DELIVERY(IES) TO OTHER AGENCY(IES): Yes XX No NAME(S) OF AGENCY(IES) N/A

8. UNUSUAL EVENT, (i.e., annexation, major price change, new industry, etc.):

9. DO YOU READ METERS MONTHLY X BIMONTHLY OTHER

RESPONSIBLE FOR DATA: Noel B. Ponniah, Superintendent of Public Works 677-38

City of Trinidad 12-018
 P.O. Box 390
 Trinidad, CA 95570

DEPARTMENT OF WATER RESOURCES
 URBAN WATER UTILITY STATISTICS
 1991
 CALENDAR YEAR: Humboldt
 COUNTY OF: Humboldt

SYSTEM NAME: Trinidad

INSIDE CITY LIMITS		OUTSIDE CITY LIMITS	
FLAT-RATE	METERED	FLAT-RATE	METERED
N/A	195	D	87
N/A		N/A	
N/A		N/A	
N/A		N/A	
N/A		N/A	
N/A		N/A	

1. CLASSIFICATION AND NUMBER OF ACTIVE ACCOUNTS:

- RESIDENTIAL
- COMMERCIAL
- INDUSTRIAL (MFG.)
- PUBLIC AUTHORITY
- IRRIGATION: Agricultural Crops
- Parks, Golf Courses, Cemeteries, etc.
- TOTAL

2. RESIDENTIAL:

PLEASE INDICATE: (a) Number of single family dwellings you serve..... Not Available
 (b) Number of all other dwelling units you serve..... Not Available

3. ESTIMATED RESIDENT (PERMANENT) POPULATION SERVED:

INSIDE CITY LIMITS..... Not Available
 OUTSIDE CITY LIMITS..... Not Available

4. MONTHLY WATER PRODUCTION: (Million gallons) -- Because of normal system losses "Water Production" will be greater than "Total Delivered".

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TOTAL
WATER INTO SYSTEM	22.41	19.39	19.61	19.06	19.94	20.92	34.08	28.67	25.47	24.65	22.52	23.34	289.03 gal.
WASTE WATER RECLAIMED													

5. SOURCE(S) OF WATER:

SELF-PRODUCED %
 WELLS _____ %
 SURFACE _____ %

6. METERED DELIVERIES: (Million gallons)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TOTAL
RESIDENTIAL													
Apartments (Multiples)													
Single Family													
COMMERCIAL													
INDUSTRIAL (MFG.)													
PUBLIC AUTHORITY (Governmental)													
IRRIGATION: Agricultural Crops													
Parks, Golf Courses, etc.													
TOTAL DELIVERED	15.91	17.41	15.67	14.98	18.18	22.93	23.15	23.21	21.11	15.50	15.69	15.87	217.61 gal.

7. DELIVERY(IES) TO OTHER AGENCY(IES): Yes No NAME(S) OF AGENCY(IES) _____

8. UNUSUAL EVENT, (i.e., annexation, major price change, new industry, etc.): _____

OTHER _____

URBAN WATER UTILITY STATISTICS

1990

CALENDAR YEAR:

SERVING CITY(IES) OF: Trinidad

COUNTY OF: Humboldt

SYSTEM NAME:

1. CLASSIFICATION AND NUMBER OF ACTIVE ACCOUNTS:

	INSIDE CITY LIMITS		OUTSIDE CITY LIMITS	
	FLAT-RATE	METERED	FLAT-RATE	METERED
RESIDENTIAL	N/A	214	1	88
COMMERCIAL	N/A	--	N/A	--
INDUSTRIAL (MFG.)	N/A	--	N/A	--
PUBLIC AUTHORITY	N/A	--	N/A	--
OTHER (Specify)	N/A	--	N/A	--
TOTAL		214		88

2. **RESIDENTIAL:**
PLEASE INDICATE: (a) Number of single family dwellings you serve ----- Not Available
(b) Number of all other dwelling units you serve ----- Not Available

3. ESTIMATED RESIDENT (PERMANENT) POPULATION SERVED:

INSIDE CITY LIMITS ----- Not Available
OUTSIDE CITY LIMITS ----- Not Available

4. MONTHLY WATER PRODUCTION: 1/ (in millions of gallons)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TOTAL
WATER INTO SYSTEM	1.8249	1.8765	1.8861	1.9755	2.3268	2.5558	2.959	3.0502	2.7902	2.3392	2.2228	2.4471	28.2941
WASTE WATER RECLAMATION													

1/ Because of normal system losses "Water Production" will be greater than "Total Delivered".

5. METERED DELIVERIES: (in millions of gallons)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TOTAL
RESIDENTIAL													
Apartments (Multiple)													
Single Family													
COMMERCIAL													
INDUSTRIAL (MFG.)													
PUBLIC AUTHORITY													
OTHER													
TOTAL DELIVERED <u>1/</u> (Your Service Area)	1.613	2.986	2.911	1.795	2.048	2.356	1.641	3.181	1.884	2.162	1.377	1.932	25.726

6. DELIVERY(IES) TO OTHER AGENCY(IES): Yes No NAME(S) OF AGENCY(IES):

UNUSUAL EVENT, (i.e., annexation, major price change, new industry, etc.): N/A

8. DO YOU READ METERS MONTHLY **BIMONTHLY** **OTHER**

NAME, TITLE AND PHONE NUMBER OF OFFICIAL RESPONSIBLE FOR DATA: Noel B. Ponniah, Superintendent of Public Works
P. O. Box 390, Trinidad, California 95570 707-677-3867

DEPARTMENT OF HEALTH SERVICES
DIVISION OF DRINKING WATER & ENVIRONMENTAL MANAGEMENT
 601 North 7th Street, MS -216310
 SACRAMENTO, CALIFORNIA 94234-7320
 (916) 323-6111
 FAX (916) 323-9889



September 7, 2001

To: **All California Water Systems**

The California Department of Health Services (Department) will be adopting new rules that further restrict the levels of disinfection byproducts (DBP) in drinking water before the end of the year 2002. The California Disinfection Byproducts Rule (DBPR) will be similar, but not identical, to the Federal DBPR previously adopted by the United States Environmental Protection Agency (USEPA). The purpose of this letter is to provide guidance regarding the major provisions of the new State and Federal DBPRs. The Department will implement the Federal DBPR until the State DBPR is adopted. However, the USEPA will be responsible for any necessary enforcement action taken prior to the adoption of the new State rule.

Attached is a timetable for implementation of the DBPR for the various size and types of water systems. Please review this attachment to ensure that you have adequately planned for implementation of the new rule. The differences between the Federal DBPR and State DBPR are minor. The new maximum contaminant levels (MCLs) and newly adopted maximum residual disinfectant levels (MRDLs) are listed below.

New MCLs and MRDLs

DBP MCLs:	Total Trihalomethanes (TTHM)	0.080 mg/L
	Five Haloacetic Acids (HAA5)	0.060 mg/L
	Bromate	0.010 mg/L
	Chlorite	1.0 mg/L
Maximum Residual Disinfection Levels (MRDLs):	Chlorine	4.0 mg/L
	Chloramines	4.0 mg/L
	Chlorine Dioxide	0.8 mg/L

In addition to the new levels listed above, both the new State and Federal DBPR will include provisions regarding enhanced coagulation and softening requirements for systems with a conventional surface water treatment plant as well as new routine monitoring requirements. If you are operating a conventional treatment plant it is important that you closely review these sections of the rule on our web site (www.dhs.ca.gov/ps/ddwem).

The State DBPR will require all systems to submit a monitoring plan for approval prior to compliance monitoring, whereas the Federal rule requires only systems that serve greater than 3,300 people to submit a monitoring plan. Also the State DBPR will include a provision to retain the former TTHM standard of 0.1 mg/L for the first 3 quarters of monitoring under the new rule until a four-quarter running average has been established to determine compliance with the new MCLs. Other differences between the rules are limited to changes in language in order to improve clarity and maintain consistency with language established in existing DHS regulations.

In preparation for the implementation of the DBPR requirements:

- Each water system should obtain a copy of the latest State's draft DBPR. A copy of the draft DBPR is available under "regulations" at the Department's web site (www.dhs.ca.gov/ps/ddwem).
- As required by section 64534.8, each water system must develop a monitoring plan and submit the monitoring plan to the Department for approval before the system begins compliance monitoring.

Some important notes regarding applications for compliance extensions or request for reduced monitoring:

The Department will oversee and coordinate compliance extensions and reduced monitoring requests with the USEPA. Water systems that intend to seek a compliance extension pursuant to section 64533(b) or for reduced monitoring pursuant to sections 64534(d), 64534.2(a)(1), or 64534.2(b)(3) should apply to the Department as soon as possible. Water systems that have previously received permission to reduce your monitoring under provisions of the existing rule must return to normal monitoring for at least four quarters as called for under the new DBPR prior to requesting a reduced monitoring schedule.

Water systems that are in the process of upgrading their disinfection system will be required to meet the new DBPs requirements unless they have filed for an extension of the compliance date. The extension cannot extend beyond December 31, 2003.

If you have any additional questions regarding the new DBPRs, please contact your local Department District office or County Environmental Health Department.

Sincerely,



David P. Spath, P.E., Ph.D., Chief
Division of Drinking Water and
Environmental Management
601 North 7th Street, MS-216310
Sacramento, CA 94234-7320

Attachment

Timetable for implementation of the DBPR

January 1, 2002

Community Water Systems (CWS) and Non-Transient Non-Community Water Systems (NTNCWS) serving 10,000 people or greater using surface water or ground water under the direct influence of surface water (GWUDI) and add a chemical disinfectant to the water.

Transient, Non-Community Water Systems (TNCWS) serving 10,000 people or greater using surface water or GWUDI and add chlorine dioxide to the water as a disinfectant.

(CWS and NTNCWS serving 10,000 people or greater using only ground water not under the direct influence of surface water and adds a chemical disinfectant to the water - continue to comply with the existing requirements until the new requirements are implemented January 1, 2004)

January 1, 2004

CWS and NTNCWS serving fewer than 10,000 people using surface water or GWUDI and add a chemical disinfectant to the water.

CWS and NTNCWS that use only ground water not under the direct influence of surface water and add a chemical disinfectant to the water.

TNCWS serving fewer than 10,000 people using surface water or GWUDI and add chlorine dioxide to the water as a disinfectant.

Table 64444-A
Maximum Contaminant Levels
Organic Chemicals

<i>Chemical</i>	<i>Maximum Contaminant Level, mg/L</i>
(a) Volatile Organic Chemicals (VOCs)	
Benzene	0.001
Carbon Tetrachloride	0.0005
1,2-Dichlorobenzene	0.6
1,4-Dichlorobenzene	0.005
1,1-Dichloroethane	0.005
1,2-Dichloroethane	0.0005
1,1-Dichloroethylene	0.006
cis-1,2-Dichloroethylene	0.006
trans-1,2-Dichloroethylene	0.01
Dichloromethane	0.005
1,2-Dichloropropane	0.005
1,3-Dichloropropene	0.0005
✓ Ethylbenzene	0.7
Monochlorobenzene	0.07
Styrene	0.1
1,1,2,2-Tetrachloroethane	0.001
Tetrachloroethylene	0.005
Toluene	0.15
✓ 1,2,4-Trichlorobenzene	0.07
1,1,1-Trichloroethane	0.200
1,1,2-Trichloroethane	0.005
Trichloroethylene	0.005
Trichlorofluoromethane	0.15
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.2
Vinyl Chloride	0.0005
Xylenes	1.750*

///

Table 64444-A (continued)
Maximum Contaminant Levels
Organic Chemicals

<i>Chemical</i>	<i>Maximum Contaminant Level, mg/L</i>
(b) Non-Volatile Synthetic Organic Chemicals (SOCs)	
Alachlor	0.002
✓ Atrazine	0.003
Bentazon	0.018
Benzo(a)pyrene	0.0002
Carbofuran	0.018
Chlordane	0.0001
2,4-D	0.07
Dalapon	0.2
Dibromochloropropane (DBCP)	0.0002
Di(2-ethylhexyl)adipate	0.4
Di(2-ethylhexyl)phthalate	0.004
Dinoseb	0.007
Diquat	0.02
Endothall	0.1
Endrin	0.002
Ethylene Dibromide (EDB)	0.00005
Glyphosate	0.7
Heptachlor	0.00001
Heptachlor Epoxide	0.00001
Hexachlorobenzene	0.001
Hexachlorocyclopentadiene	0.05
Lindane	0.0002
✓ Methoxychlor	0.04
Molinate	0.02
✓ Oxamyl	0.2
Pentachlorophenol	0.001
Picloram	0.5
Polychlorinated Biphenyls	0.0005
Simazine	0.004
Thiobencarb	0.07
Toxaphene	0.003
2,3,7,8-TCDD (Dioxin)	3×10^{-8}
2,4,5-TP (Silvex)	0.05

*MCL is for either a single isomer or the sum of the isomers.

Table 64444-A
Maximum Contaminant Levels
Organic Chemicals

<i>Chemical</i>	<i>Maximum Contaminant Level, mg/L</i>
<i>(a) Volatile Organic Chemicals (VOCs)</i>	
Benzene.	0.001
Carbon Tetrachloride	0.0005
1,2-Dichlorobenzene.	0.6
1,4-Dichlorobenzene.	0.005
1,1-Dichloroethane	0.005
1,2-Dichloroethane	0.0005
1,1-Dichloroethylene	0.006
cis-1,2-Dichloroethylene	0.006
trans-1,2-Dichloroethylene	0.01
Dichloromethane.	0.005
1,2-Dichloropropane.	0.005
1,3-Dichloropropene.	0.0005
✓ Ethylbenzene.	0.3
✓ Methyl- <i>tert</i> -butyl ether	0.013
Monochlorobenzene.	0.07
Styrene.	0.1
1,1,2,2-Tetrachloroethane.	0.001
Tetrachloroethylene.	0.005
Toluene.	0.15
✓ 1,2,4-Trichlorobenzene	0.005
1,1,1-Trichloroethane.	0.200
1,1,2-Trichloroethane.	0.005
Trichloroethylene.	0.005
Trichlorofluoromethane.	0.15
1,1,2-Trichloro-1,2,2-Trifluoroethane.	1.2
Vinyl Chloride.	0.0005
Xylenes.	1.750*

Table 64444-A (continued)
Maximum Contaminant Levels
Organic Chemicals

<i>Chemical</i>	<i>Maximum Contaminant Level, mg/L</i>
(b) Non-Volatile Synthetic Organic Chemicals (SOCs)	
Alachlor.	0.002
✓ Atrazine.	0.001
Bentazon.	0.018
Benzo(a)pyrene.	0.0002
Carbofuran.	0.018
Chlordane.	0.0001
2,4-D.	0.07
Dalapon.	0.2
Dibromochloropropane.	0.0002
Di(2-ethylhexyl)adipate.	0.4
Di(2-ethylhexyl)phthalate.	0.004
Dinoseb.	0.007
Diquat.	0.02
Endothall.	0.1
Endrin.	0.002
Ethylene Dibromide.	0.00005
Glyphosate.	0.7
Heptachlor.	0.00001
Heptachlor Epoxide.	0.00001
Hexachlorobenzene.	0.001
Hexachlorocyclopentadiene.	0.05
Lindane.	0.0002
✓ Methoxychlor.	0.03
Molinate.	0.02
✓ Oxamyl.	0.05
Pentachlorophenol.	0.001
Picloram.	0.5
Polychlorinated Biphenyls.	0.0005
Simazine.	0.004
Thiobencarb.	0.07
Toxaphene.	0.003
2,3,7,8-TCDD (Dioxin).	3×10^{-8}
2,4,5-TP (Silvex).	0.05

*MCL is for either a single isomer or the sum of the isomers.