

**RIVERHEAD DISTRICT
2007 WATER QUALITY REPORT
TABLE OF DETECTED PARAMETERS**

Contaminants	Violation (Yes/No)	Date of Sample	Level Detected (Maximum) (Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely Source of Contaminant
Inorganic Contaminants							
Lead	No	Sept. 2007	ND - 4.0 ⁽¹⁾	ug/l	0	AL = 15	Leaching from plumbing
Copper	No	Sept. 2007	ND - 0.3 ⁽¹⁾	ug/l	n/a	AL = 1.3	Leaching from plumbing
Arsenic	No	08/06/07	ND - 5.2	ug/l	n/a	MCL = 10	Naturally occurring
Ammonia	No	02/02/07	ND - 0.1	mg/l	n/a	NONE	Runoff from fertilizer and leaching from septic tanks and sewage
Sodium	No	02/02/07	4.4 - 15.9	mg/l	n/a	No MCL ⁽²⁾	Naturally occurring
Chloride	No	02/02/07	4.4 - 27.3	mg/l	n/a	MCL = 250	Naturally occurring
Iron	Yes ⁽³⁾	03/23/07	ND - 780	ug/l	n/a	MCL = 300 ⁽³⁾	Naturally occurring
Nitrate	No	02/02/07	ND - 4.0	mg/l	10	MCL = 10	Runoff from fertilizer and leaching from septic tanks and sewage
Sulfate	No	02/02/07	ND - 28.7	mg/l	n/a	MCL = 250	Naturally occurring
Manganese	No	02/02/07	ND - 0.19	ug/l	n/a	MCL = 300	Naturally occurring
Fluoride	No	02/02/07	ND - 0.2	mg/l	n/a	MCL = 2.2	Naturally occurring
Perchlorate	No	02/09/07	ND - 2.1	ug/l	n/a	AL = 18 ⁽⁴⁾	Fertilizers
Synthetic Organic Contaminants Including Pesticides and Herbicides							
None Detected	--	--	ND	--	--	--	--
Radionuclides							
Radium 228	No	08/08/07	ND - 1.25	pCi/L	n/a	MCL = 5	Naturally occurring
Volatile Organic Contaminants							
Total Trihalomethanes	No	08/08/07	ND - 2.7	ug/l	0	MCL = 80	Disinfection By-Products
MTBE	No	02/02/07	ND - 1.0	ug/l	n/a	MCL = 10	Gasoline Additive

Definitions:

Maximum Contaminant Level (MCL) - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible.

Maximum Contaminant Level Goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Action Level (AL) - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Milligrams per liter (mg/l) - Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).

Micrograms per liter (ug/l) - Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).

Non-Detects (ND) - Laboratory analysis indicates that the constituent is not present.

⁽¹⁾ - During 2004, we collected and analyzed 30 samples for lead and copper. The 90% percentile is presented as the maximum result. The Action Levels for both lead and copper were not exceeded at any site tested. Retesting is scheduled for 2007.

⁽²⁾ - No MCL has been established for sodium. However, 20 mg/l is a recommended guideline for people on high restricted sodium diets and 270 mg/l for those on moderate sodium diets.

⁽³⁾ - Iron is only a secondary drinking water standard. Iron has no health affects. Therefore, exceeding the MCL for iron represents a level at which adverse aesthetic effects start to occur.

⁽⁴⁾ - Perchlorate is an unregulated contaminant. However, the NYS Dept. of Health has established an action level of 18 ug/l.

RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA

PARAMETERS (mg/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1 S-1322 ⁽¹⁾		WELL NO. 2 S-7261 ⁽¹⁾		WELL NO. 3 S-15117 ⁽¹⁾		WELL NO. 4-1 S-30271 ⁽¹⁾		WELL NO. 4-2 S-34732 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT (raw/treat)	AVG. RESULT (raw/treat)	MAX. RESULT	AVG. RESULT
INORGANIC												
ARSENIC	10.0 ug/l	3.0 ug/l	4.9 ⁽⁴⁾	4.9	5.2 ⁽⁴⁾	4.4	3.7 ⁽⁴⁾	3.6	ND	ND	ND	ND
BARIUM	2.0 mg/l	0.2 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM	5.0 ug/l	5.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHROMIUM	0.10 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FLUORIDE	2.2 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD	[15.0] ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MERCURY	2.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SELENIUM	10.0 mg/l	5.0 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SODIUM	**20/270 mg/l	0.2 mg/l	5.0	5.0	4.4	4.4	5.0	5.0	5.3	5.3	4.9	4.9
SPECIFIC CONDUCTIVITY	None	None	80.0	80.0	86.0	86.0	77.0	77.0	69.0	69.0	85.0	85.0
ZINC	5.0 mg/l	0.02 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
COLOR	15 Units	5 Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ODOR	3 Units	0 Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
IRON	0.3 mg/l	0.02 mg/l	0.2	0.2	***0.8	***0.8	0.2	0.2	0.1	0.1	***0.5	***0.5
MANGANESE	0.3 mg/l	0.01 mg/l	ND	ND	0.04	0.04	ND	ND	0.01	0.01	0.03	0.03
AMMONIA	None	0.1 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NITRITE	1.0 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NITRATE	10.0 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLORIDE	250 mg/l	2.0 mg/l	5.3	5.3	5.4	5.4	5.2	5.2	5.4	5.4	7.0	7.0
pH (BEFORE TREATMENT)	None	None	7.0	7.0	6.9	6.9	7.0/7.5	7.0/7.5	6.4/7.5	6.4/7.5	6.8	6.8
SULFATE	250 mg/l	5.0 mg/l	ND	ND	5.9	5.9	ND	ND	ND	ND	11.2	11.2
ANTIMONY	6.0 ug/l	5.9 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BERYLLIUM	4.0 ug/l	0.3 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL	0.1 mg/l	0.04 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CYANIDE	0.2 mg/l	0.010 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERCHLORATE	18.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

** - 20 mg/l IS THE LIMIT FOR PEOPLE ON HIGHLY RESTRICTED SODIUM DIETS AND 270 mg/l FOR THOSE ON MODERATELY RESTRICTED SODIUM DIETS

[] - USEPA/NYS DH ACTION LEVEL

*** - EXCEEDS NEW YORK STATE MAXIMUM CONTAMINANT LEVEL FOR POTABLE WATER BEFORE TREATMENT.

THE STANDARD FOR IRON IS A SECONDARY STANDARD FOR AESTHETICS ONLY. IRON POSES NO HEALTH RISKS.

() - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

**RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA**

PARAMETERS (mg/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 5-1 S-66685 ⁽¹⁾		WELL NO. 5-2 S-88466 ⁽¹⁾		WELL NO. 7-2 S-89133 ⁽¹⁾		WELL NO. 7-3 S-105439 ⁽¹⁾		WELL NO. 11-1 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
INORGANIC												
ARSENIC	10.0 ug/l	3.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BARIUM	2.0 mg/l	0.2 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM	5.0 ug/l	5.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHROMIUM	0.10 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FLUORIDE	2.2 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND	0.2	0.2	ND	ND
LEAD	[15.0] ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MERCURY	2.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SELENIUM	10.0 mg/l	5.0 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SODIUM	**20/270 mg/l	0.2 mg/l	15.9	15.9	12.7	12.7	5.2	5.2	5.7	5.7	5.1	5.1
SPECIFIC CONDUCTIVITY	None	None	216.0	216.0	171.0	171.0	53.0	53.0	80.0	80.0	140.0	140.0
ZINC	5.0 mg/l	0.02 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
COLOR	15 Units	5 Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ODOR	3 Units	0 Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
IRON	0.3 mg/l	0.02 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MANGANESE	0.3 mg/l	0.01 mg/l	0.2	0.2	0.01	0.01	ND	ND	ND	ND	ND	ND
AMMONIA	None	0.1 mg/l	0.1	0.1	ND	ND	ND	ND	ND	ND	ND	ND
NITRITE	1.0 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NITRATE	10.0 mg/l	0.1 mg/l	4.0	4.0	2.3	2.3	0.2	0.2	0.2	0.2	0.2	0.2
CHLORIDE	250 mg/l	2.0 mg/l	27.3	27.3	20.0	20.0	6.2	6.2	5.5	5.5	6.8	6.8
pH (BEFORE TREATMENT)	None	None	6.9 ⁽²⁾	6.6	6.6	6.6	6.8	6.8	7.5	7.5	7.8	7.8
SULFATE	250 mg/l	5.0 mg/l	28.7	28.7	24.7	24.7	ND	ND	ND	ND	13.5	13.5
ANTIMONY	6.0 ug/l	5.9 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BERYLLIUM	4.0 ug/l	0.3 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL	0.1 mg/l	0.04 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CYANIDE	0.2 mg/l	0.010 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERCHLORATE	18.0 ug/l	1.0 ug/l	1.1 ⁽⁴⁾	0.3	2.1 ⁽⁴⁾	1.9	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

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**RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA**

PARAMETERS (mg/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-2 ⁽¹⁾		WELL NO. 12-1 ⁽¹⁾		WELL NO. 12-2 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<u>INORGANIC</u>								
ARSENIC	10.0 ug/l	3.0 ug/l	ND	ND	ND	ND	ND	ND
BARIUM	2.0 mg/l	0.2 mg/l	ND	ND	ND	ND	ND	ND
CADMIUM	5.0 ug/l	5.0 ug/l	ND	ND	ND	ND	ND	ND
CHROMIUM	0.10 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND
FLUORIDE	2.2 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND
LEAD	[15.0] ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND
MERCURY	2.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND
SELENIUM	10.0 mg/l	5.0 mg/l	ND	ND	ND	ND	ND	ND
SODIUM	**20/270 mg/l	0.2 mg/l	7.8	7.8	5.1	5.1	5.2	5.2
SPECIFIC CONDUCTIVITY	None	None	125.0	125.0	162.0	162.0	186.0	186.0
ZINC	5.0 mg/l	0.02 mg/l	ND	ND	ND	ND	ND	ND
COLOR	15 Units	5 Units	ND	ND	ND	ND	ND	ND
ODOR	3 Units	0 Units	ND	ND	ND	ND	ND	ND
IRON	0.3 mg/l	0.02 mg/l	ND	ND	ND	ND	ND	ND
MANGANESE	0.3 mg/l	0.01 mg/l	ND	ND	0.01	0.01	ND	ND
AMMONIA	None	0.1 mg/l	0.2	0.2	ND	ND	ND	ND
NITRITE	1.0 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND
NITRATE	10.0 mg/l	0.1 mg/l	ND	ND	0.7	0.7	1.6	1.6
CHLORIDE	250 mg/l	2.0 mg/l	6.1	6.1	5.1	5.1	4.4	4.4
pH (BEFORE TREATMENT)	None	None	7.7	7.7	7.7	7.7	7.5	7.5
SULFATE	250 mg/l	5.0 mg/l	ND	ND	13.3	13.3	13.0	13.0
ANTIMONY	6.0 ug/l	5.9 ug/l	ND	ND	ND	ND	ND	ND
BERYLLIUM	4.0 ug/l	0.3 ug/l	ND	ND	ND	ND	ND	ND
NICKEL	0.1 mg/l	0.04 mg/l	ND	ND	ND	ND	ND	ND
CYANIDE	0.2 mg/l	0.010 mg/l	ND	ND	ND	ND	ND	ND
PERCHLORATE	18.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

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[] - USEPA/NYS DH ACTION LEVEL

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1 S-1322		WELL NO. 2 S-7261		WELL NO. 3 S-15117		WELL NO. 4-1 S-30271		WELL NO. 4-2 S-34732	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
SYNTHETIC ORGANICS CONTAMINANTS (SOC)												
LINDANE	0.2 ug/l	0.025 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED	NOT	TESTED	NOT	TESTED
HEPTACHLOR	0.4 ug/l	0.025 ug/l										
ALDRIN	5.0 ug/l	0.025 ug/l										
HEPTACHLOR EPOXIDE	0.2 ug/l	0.025 ug/l										
DIELDRIN	2.0 ug/l	0.05 ug/l										
ENDRIN	2.0 ug/l	0.05 ug/l										
METHOXYCHLOR	40.0 ug/l	0.25 ug/l										
TOXAPHENE	3.0 ug/l	2.5 ug/l										
CHLORDANE	2.0 ug/l	0.5 ug/l										
TOTAL PCBs	0.5 ug/l	0.5 ug/l										
PROPACHLOR	50.0 ug/l	1.0 ug/l										
ALACHLOR	2.0 ug/l	1.0 ug/l										
SIMAZINE	4.0 ug/l	0.5 ug/l										
ATRAZINE	3.0 ug/l	0.5 ug/l										
METOLACHLOR	50.0 ug/l	1.0 ug/l										
METRIBUZIN	50.0 ug/l	0.5 ug/l										
BUTACHLOR	50.0 ug/l	1.0 ug/l										

CONT. - CONTAMINANT

ND - NOT DETECTED

NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL NOT TESTED IN 2007.

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 5-1 S-66685		WELL NO. 5-2 S-88466		WELL NO. 7-2 S-89133		WELL NO. 7-3 S-105439		WELL NO. 11-1 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
SYNTHETIC ORGANICS CONTAMINANTS (SOC)												
LINDANE	0.2 ug/l	0.025 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		ND	ND
HEPTACHLOR	0.4 ug/l	0.025 ug/l									ND	ND
ALDRIN	5.0 ug/l	0.025 ug/l									ND	ND
HEPTACHLOR EPOXIDE	0.2 ug/l	0.025 ug/l									ND	ND
DIELDRIN	2.0 ug/l	0.05 ug/l									ND	ND
ENDRIN	2.0 ug/l	0.05 ug/l									ND	ND
METHOXYCHLOR	40.0 ug/l	0.25 ug/l									ND	ND
TOXAPHENE	3.0 ug/l	2.5 ug/l									ND	ND
CHLORDANE	2.0 ug/l	0.5 ug/l									ND	ND
TOTAL PCBs	0.5 ug/l	0.5 ug/l									ND	ND
PROPACHLOR	50.0 ug/l	1.0 ug/l									ND	ND
ALACHLOR	2.0 ug/l	1.0 ug/l									ND	ND
SIMAZINE	4.0 ug/l	0.5 ug/l									ND	ND
ATRAZINE	3.0 ug/l	0.5 ug/l									ND	ND
METOLACHLOR	50.0 ug/l	1.0 ug/l									ND	ND
METRIBUZIN	50.0 ug/l	0.5 ug/l									ND	ND
BUTACHLOR	50.0 ug/l	1.0 ug/l									ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL NOT TESTED IN 2007.

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

**RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)**

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-2		WELL NO. 12-1		WELL NO. 12-2	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
SYNTHETIC ORGANICS CONTAMINANTS (SOC)								
LINDANE	0.2 ug/l	0.025 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
HEPTACHLOR	0.4 ug/l	0.025 ug/l						
ALDRIN	5.0 ug/l	0.025 ug/l						
HEPTACHLOR EPOXIDE	0.2 ug/l	0.025 ug/l						
DIELDRIN	2.0 ug/l	0.05 ug/l						
ENDRIN	2.0 ug/l	0.05 ug/l						
METHOXYCHLOR	40.0 ug/l	0.25 ug/l						
TOXAPHENE	3.0 ug/l	2.5 ug/l						
CHLORDANE	2.0 ug/l	0.5 ug/l						
TOTAL PCBs	0.5 ug/l	0.5 ug/l						
PROPACHLOR	50.0 ug/l	1.0 ug/l						
ALACHLOR	2.0 ug/l	1.0 ug/l						
SIMAZINE	4.0 ug/l	0.5 ug/l						
ATRAZINE	3.0 ug/l	0.5 ug/l						
METOLACHLOR	50.0 ug/l	1.0 ug/l						
METRIBUZIN	50.0 ug/l	0.5 ug/l						
BUTACHLOR	50.0 ug/l	1.0 ug/l						

CONT. - CONTAMINANT

ND - NOT DETECTED

NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL NOT TESTED IN 2007.

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			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
SYNTHETIC ORGANICS CONTAMINANTS (SOC)												
(CONT'D.)												
2,4-D	50.0 ug/l	0.25 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED	NOT	TESTED	NOT	TESTED
2,4,5-TP (SILVEX)	10.0 ug/l	0.13 ug/l										
DINOSEB	7.0 ug/l	0.2 ug/l										
DALAPON	200 ug/l	0.7 ug/l										
PICLORAM	500 ug/l	0.6 ug/l										
DICAMBA	50.0 ug/l	0.08 ug/l										
PENTACHLOROPHENOL	1.0 ug/l	0.2 ug/l										
HEXACHLOROCYCLOPENTADIENE	50.0 ug/l	0.64 ug/l										
bis(2-ETHYLHEXYL)ADIPATE	400 ug/l	1.0 ug/l										
bis(2-ETHYLHEXYL)PHTHALATE	6.0 ug/l	3.0 ug/l										
HEXACHLOROENZENE	1.0 ug/l	0.25 ug/l										
BENZO(A)PYRENE	0.2 ug/l	0.1 ug/l										
ALDICARB SULFONE	2.0 ug/l	1.0 ug/l										
ALDICARBSULFOXIDE	4.0 ug/l	1.0 ug/l										
ALDICARB	3.0 ug/l	1.0 ug/l										
TOTAL ALDICARBS	7.0 ug/l	1.0 ug/l										
OXAMYL	200 ug/l	1.0 ug/l										
METHOMYL	50.0 ug/l	1.0 ug/l										
3-HYDROXYCARBOFURAN	50.0 ug/l	1.0 ug/l										
CARBOFURAN	40.0 ug/l	1.0 ug/l										
CARBARYL	50.0 ug/l	1.0 ug/l										
GLYPHOSATE	700 ug/l	10.0 ug/l										
DIQUAT	20 ug/l	1.0 ug/l										
ENDOTHALL	100 ug/l	50.0 ug/l										
1,2-DIBROMOETHANE (EDB)	0.05 ug/l	0.02 ug/l										
1,2-DIBROMO-3-CHL.PROPANE	0.2 ug/l	0.02 ug/l										

CONT. - CONTAMINANT

ND - NOT DETECTED

Pg/L - PICOGRAMS PER LITER

NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL NOT TESTED IN 2007.

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 5-1 S-66685		WELL NO. 5-2 S-88466		WELL NO. 7-2 S-89133		WELL NO. 7-3 S-105439		WELL NO. 11-1 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
SYNTHETIC ORGANICS CONTAMINANTS (SOC)												
(CONT'D.)												
2,4-D	50.0 ug/l	0.25 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		ND	ND
2,4,5-TP (SILVEX)	10.0 ug/l	0.13 ug/l									ND	ND
DINOSEB	7.0 ug/l	0.2 ug/l									ND	ND
DALAPON	200 ug/l	0.7 ug/l									ND	ND
PICLORAM	500 ug/l	0.6 ug/l									ND	ND
DICAMBA	50.0 ug/l	0.08 ug/l									ND	ND
PENTACHLOROPHENOL	1.0 ug/l	0.2 ug/l									ND	ND
HEXACHLOROCYCLOPENTADIENE	50.0 ug/l	0.64 ug/l									ND	ND
bis(2-ETHYLHEXYL)ADIPATE	400 ug/l	1.0 ug/l									ND	ND
bis(2-ETHYLHEXYL)PHTHALATE	6.0 ug/l	3.0 ug/l									ND	ND
HEXACHLOROENZENE	1.0 ug/l	0.25 ug/l									ND	ND
BENZO(A)PYRENE	0.2 ug/l	0.1 ug/l									ND	ND
ALDICARB SULFONE	2.0 ug/l	1.0 ug/l									ND	ND
ALDICARBSULFOXIDE	4.0 ug/l	1.0 ug/l									ND	ND
ALDICARB	3.0 ug/l	1.0 ug/l									ND	ND
TOTAL ALDICARBS	7.0 ug/l	1.0 ug/l									ND	ND
OXAMYL	200 ug/l	1.0 ug/l									ND	ND
METHOMYL	50.0 ug/l	1.0 ug/l									ND	ND
3-HYDROXYCARBOFURAN	50.0 ug/l	1.0 ug/l									ND	ND
CARBOFURAN	40.0 ug/l	1.0 ug/l									ND	ND
CARBARYL	50.0 ug/l	1.0 ug/l									ND	ND
GLYPHOSATE	700 ug/l	10.0 ug/l									ND	ND
DIQUAT	20 ug/l	1.0 ug/l									ND	ND
ENDOTHALL	100 ug/l	50.0 ug/l									ND	ND
1,2-DIBROMOETHANE (EDB)	0.05 ug/l	0.02 ug/l									ND	ND
1,2-DIBROMO-3-CHL.PROPANE	0.2 ug/l	0.02 ug/l									ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

Pg/L - PICOGRAMS PER LITER

NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL NOT TESTED IN 2007.

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

**RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)**

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-2		WELL NO. 12-1		WELL NO. 12-2	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
SYNTHETIC ORGANICS CONTAMINANTS (SOC)								
(CONT'D.)								
2,4-D	50.0 ug/l	0.25 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
2,4,5-TP (SILVEX)	10.0 ug/l	0.13 ug/l						
DINOSEB	7.0 ug/l	0.2 ug/l						
DALAPON	200 ug/l	0.7 ug/l						
PICLORAM	500 ug/l	0.6 ug/l						
DICAMBA	50.0 ug/l	0.08 ug/l						
PENTACHLOROPHENOL	1.0 ug/l	0.2 ug/l						
HEXACHLOROCYCLOPENTADIENE	50.0 ug/l	0.64 ug/l						
bis(2-ETHYLHEXYL)ADIPATE	400 ug/l	1.0 ug/l						
bis(2-ETHYLHEXYL)PHTHALATE	6.0 ug/l	3.0 ug/l						
HEXACHLOROENZENE	1.0 ug/l	0.25 ug/l						
BENZO(A)PYRENE	0.2 ug/l	0.1 ug/l						
ALDICARB SULFONE	2.0 ug/l	1.0 ug/l						
ALDICARBSULFOXIDE	4.0 ug/l	1.0 ug/l						
ALDICARB	3.0 ug/l	1.0 ug/l						
TOTAL ALDICARBS	7.0 ug/l	1.0 ug/l						
OXAMYL	200 ug/l	1.0 ug/l						
METHOMYL	50.0 ug/l	1.0 ug/l						
3-HYDROXYCARBOFURAN	50.0 ug/l	1.0 ug/l						
CARBOFURAN	40.0 ug/l	1.0 ug/l						
CARBARYL	50.0 ug/l	1.0 ug/l						
GLYPHOSATE	700 ug/l	10.0 ug/l						
DIQUAT	20 ug/l	1.0 ug/l						
ENDOTHALL	100 ug/l	50.0 ug/l						
1,2-DIBROMOETHANE (EDB)	0.05 ug/l	0.02 ug/l						
1,2-DIBROMO-3-CHL.PROPANE	0.2 ug/l	0.02 ug/l						

CONT. - CONTAMINANT

ND - NOT DETECTED

Pg/L - PICOGRAMS PER LITER

NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL NOT TESTED IN 2007.

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

**RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA**

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1 S-1322 ⁽¹⁾		WELL NO. 2 S-7261 ⁽¹⁾		WELL NO. 3 S-15117 ⁽¹⁾		WELL NO. 4-1 S-30271 ⁽¹⁾		WELL NO. 4-2 S-34732 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<u>TRIHALOMETHANES AND HALOACETIC ACIDS</u>												
CHLOROACETIC ACID	---	< 2.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DICHLOROACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOACETIC ACID	---	< 2.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL HALOACETIC ACID	60 ug/l	< 2.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMODICHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOCHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL TRIHALOMETHANES	80 ug/l	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<u>RADIONUCLIDES</u>												
GROSS ALPHA	15 pCi/L	< 3 pCi/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GROSS BETA	4 pCi/L	< 3 pCi/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RADIUM 228	---	< 3 pCi/L	0.8 ⁽²⁾	0.6	0.6 ⁽²⁾	0.6	ND	ND	0.8 ⁽²⁾	0.6	0.8 ⁽²⁾	0.6

CONT. - CONTAMINANT

ND - NOT DETECTED

Pg/L - PICOGRAMS PER LITER

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 5-1 S-66685 ⁽²⁾		WELL NO. 5-2 S-88466 ⁽²⁾		WELL NO. 7-2 S-89133 ⁽¹⁾		WELL NO. 7-3 S-105439 ⁽¹⁾		WELL NO. 11-1 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<u>TRIHALOMETHANES AND HALOACETIC ACIDS</u>												
CHLOROACETIC ACID	---	< 2.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DICHLOROACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOACETIC ACID	---	< 2.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL HALOACETIC ACID	60 ug/l	< 2.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMODICHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOCHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL TRIHALOMETHANES	80 ug/l	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<u>RADIONUCLIDES</u>												
GROSS ALPHA	15 pCi/L	< 3 pCi/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GROSS BETA	4 pCi/L	< 3 pCi/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RADIUM 228	---	< 3 pCi/L	ND	ND	1.1 ⁽²⁾	0.7	1.3 ⁽²⁾	0.9	1.2 ⁽²⁾	1.0	1.1 ⁽²⁾	0.7

CONT. - CONTAMINANT

ND - NOT DETECTED

Pg/L - PICOGRAMS PER LITER

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

**RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)**

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-2 ⁽¹⁾		WELL NO. 12-1 ⁽⁴⁾		WELL NO. 12-2 ⁽⁷⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT (raw/treat)	AVG. RESULT (raw/treat)	MAX. RESULT (raw/treat)	AVG. RESULT (raw/treat)
<u>TRIHALOMETHANES AND HALOACETIC ACIDS</u>								
CHLOROACETIC ACID	---	< 2.0 ug/l	ND	ND	ND	ND	ND	ND
BROMOACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND
DICHLOROACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND
TRICHLOROACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND
DIBROMOACETIC ACID	---	< 2.0 ug/l	ND	ND	ND	ND	ND	ND
TOTAL HALOACETIC ACID	60 ug/l	< 2.0 ug/l	ND	ND	ND	ND	ND	ND
CHLOROFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND
BROMODICHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND
DIBROMOCHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND
BROMOFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND
TOTAL TRIHALOMETHANES	80 ug/l	< 1.0 ug/l	ND	ND	ND	ND	ND	ND
<u>RADIONUCLIDES</u>								
GROSS ALPHA	15 pCi/L	< 3 pCi/L	ND	ND	ND	ND	ND	ND
GROSS BETA	4 pCi/L	< 3 pCi/L	ND	ND	ND	ND	ND	ND
RADIUM 228	---	< 3 pCi/L	0.6 ⁽²⁾	0.4	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

Pg/L - PICOGRAMS PER LITER

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1 S-1322 ⁽¹⁾		WELL NO. 2 S-7261 ⁽¹⁾		WELL NO. 3 S-15117 ⁽¹⁾		WELL NO. 4-1 S-30271 ⁽¹⁾		WELL NO. 4-2 S-34732 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
VOLATILE ORGANICS												
DICHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	2.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<i>cis</i> -1,2 DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOCHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CARBON TETRACHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<i>cis</i> -1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1 S-1322 ⁽¹⁾		WELL NO. 2 S-7261 ⁽¹⁾		WELL NO. 3 S-15117 ⁽¹⁾		WELL NO. 4-1 S-30271 ⁽¹⁾		WELL NO. 4-2 S-34732 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
VOLATILE ORGANICS (CONT'D.)												
1,3-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBUTADIENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
M,P-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
O-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
STYRENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ISOPROPYLBENZENE (CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-PROPYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

**RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)**

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1 S-1322 ⁽¹⁾		WELL NO. 2 S-7261 ⁽¹⁾		WELL NO. 3 S-15117 ⁽¹⁾		WELL NO. 4-1 S-30271 ⁽¹⁾		WELL NO. 4-2 S-34732 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<u>VOLATILE ORGANICS (CONT'D.)</u>												
TERT-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-ISOPROPYLTOLUENE (P-CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHYL TERT.BUTYL ETHER (MTBE)	10.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 5-1 S-66685 ⁽²⁾		WELL NO. 5-2 S-88466 ⁽²⁾		WELL NO. 7-2 S-89133 ⁽¹⁾		WELL NO. 7-3 S-105439 ⁽¹⁾		WELL NO. 11-1 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
VOLATILE ORGANICS												
DICHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	2.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<i>cis</i> -1,2-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOCHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CARBON TETRACHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<i>cis</i> -1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 5-1 S-66685 ⁽²⁾		WELL NO. 5-2 S-88466 ⁽²⁾		WELL NO. 7-2 S-89133 ⁽¹⁾		WELL NO. 7-3 S-105439 ⁽¹⁾		WELL NO. 11-1 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
VOLATILE ORGANICS (CONT'D.)												
1,3-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBUTADIENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
M,P-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
O-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
STYRENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ISOPROPYLBENZENE (CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-PROPYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 5-1 S-66685 ⁽²⁾		WELL NO. 5-2 S-88466 ⁽²⁾		WELL NO. 7-2 S-89133 ⁽¹⁾		WELL NO. 7-3 S-105439 ⁽¹⁾		WELL NO. 11-1 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<u>VOLATILE ORGANICS (CONT'D.)</u>												
TERT-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-ISOPROPYLTOLUENE (P-CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHYL TERT.BUTYL ETHER (MTBE)	10.0 ug/l	0.5 ug/l	1.0	0.5	ND	ND	ND	ND	ND	ND	ND	ND

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-2 ⁽¹⁾		WELL NO. 12-1 ⁽⁴⁾		WELL NO. 12-2 ⁽⁷⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)
VOLATILE ORGANICS								
DICHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
CHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	2.0 ug/l	0.5 ug/l	ND	ND	ND	ND	1.2/ND	0.4/ND
BROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
CHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
TRICHLOROFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	0.6/ND	0.2/ND
METHYLENE CHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	1.4/ND	0.8/ND
<i>cis</i> -1,2-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	0.5/ND	0.1/ND
2,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
BROMOCHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,1,1-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	0.6/ND	0.3/ND
CARBON TETRACHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,1-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
DIBROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
TRANS-1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
<i>cis</i> -1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

**RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)**

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-2 ⁽¹⁾		WELL NO. 12-1 ⁽⁴⁾		WELL NO. 12-2 ⁽⁷⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)
VOLATILE ORGANICS (CONT'D.)								
1,3-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,1,1,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
BROMOBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
2-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
4-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
HEXACHLOROBUTADIENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
BENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
TOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
M,P-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
O-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
STYRENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
ISOPROPYLBENZENE (CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
N-PROPYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR

**RIVERHEAD WATER DISTRICT
2007 WATER QUALITY DATA (continued)**

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-2 ⁽¹⁾		WELL NO. 12-1 ⁽⁴⁾		WELL NO. 12-2 ⁽⁷⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)
<u>VOLATILE ORGANICS (CONT'D.)</u>								
TERT-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
4-ISOPROPYLTOLUENE (P-CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
N-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
METHYL TERT.BUTYL ETHER (MTBE)	10.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING YEAR