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## IBWA STANDARD OF QUALITY REPORT

Client Name: Lodi Water Company  
 1767-B Hwy 395 S  
 Chewelah, WA 99109

Reference Number: **12-00395**

Project: Plant #2 Product IBWA Annual  
 Field ID: IBWA Annual  
 Sample Description: Plant #2 LS1-2L-24  
 Sampled By: Mr. Jim Connelly  
 Sample Date: 01/10/2012

Lab Number: 955  
 Report Date: 02/07/2012  
 Reviewed By:

### Inorganic Chemicals (IOCs)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
7440-36-0	ANTIMONY	ND	0.006	0.001	mg/L	200.8	1/17/12	
7440-38-2	ARSENIC	ND	0.010	0.001	mg/L	200.8	1/17/12	
7440-39-3	BARIUM	<b>0.061</b>	1.0	0.001	mg/L	200.8	1/17/12	
7440-41-7	BERYLLIUM	ND	0.004	0.001	mg/L	200.8	1/17/12	
7440-43-9	CADMIUM	ND	0.005	0.001	mg/L	200.8	1/17/12	
7440-47-3	CHROMIUM	<b>0.001</b>	0.05	0.001	mg/L	200.8	1/17/12	
57-12-5	CYANIDE	ND	0.1	0.040	mg/L	SM4500-CN F	1/23/12	
16984-48-8	FLUORIDE	<b>0.1</b>	2.4	0.10	mg/L	300.0	1/10/12	
7439-92-1	LEAD	ND	0.005	0.001	mg/L	200.8	1/17/12	
7439-97-6	MERCURY	ND	0.001	0.0002	mg/L	245.1	1/16/12	
7440-02-0	NICKEL	<b>0.003</b>	0.1	0.001	mg/L	200.8	1/17/12	
14797-55-8	NITRATE-N	<b>0.18</b>	10	0.10	mg/L	300.0	1/10/12	
14797-65-0	NITRITE-N	ND	1.0	0.10	mg/L	300.0	1/10/12	
E-10128	TOTAL NITRATE/NITRITE	<b>0.18</b>	10	0.10	mg/L	300.0	1/10/12	
7782-49-2	SELENIUM	ND	0.010	0.005	mg/L	200.8	1/17/12	
7440-28-0	THALLIUM	ND	0.002	0.001	mg/L	200.8	1/17/12	

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## IBWA STANDARD OF QUALITY REPORT

### Secondary Inorganic Parameters

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
7429-90-5	ALUMINUM	ND	0.2	0.010	mg/L	200.7	1/17/12	
16887-00-6	CHLORIDE	0.7	250	1	mg/L	300.0	1/10/12	
7440-50-8	COPPER	ND	1.0	0.005	mg/L	200.8	1/17/12	
7439-89-6	IRON	ND	0.3	0.050	mg/L	200.7	1/17/12	
7439-96-5	MANGANESE	0.001	0.05	0.001	mg/L	200.8	1/17/12	
7440-22-4	SILVER	ND	0.025	0.001	mg/L	200.8	1/17/12	
14808-79-8	SULFATE	8.3	250	10	mg/L	300.0	1/10/12	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	169	500	10	mg/L	SM2540 C	1/13/12	
7440-66-6	ZINC	0.012	5.00	0.005	mg/L	200.8	1/17/12	

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## IBWA STANDARD OF QUALITY REPORT

### Volatile Organic Chemicals (VOCs)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
71-55-6	1,1,1 - TRICHLOROETHANE	ND	30	0.4	ug/L	524.2	1/10/12	
79-00-5	1,1,2 - TRICHLOROETHANE	ND	3	0.4	ug/L	524.2	1/10/12	
75-35-4	1,1 - DICHLOROETHYLENE	ND	2	0.4	ug/L	524.2	1/10/12	
120-82-1	1,2,4 - TRICHLOROBENZENE	ND	9	0.4	ug/L	524.2	1/10/12	
107-06-2	1,2 - DICHLOROETHANE	ND	2	0.4	ug/L	524.2	1/10/12	
78-87-5	1,2 - DICHLOROPROPANE	ND	5	0.4	ug/L	524.2	1/10/12	
71-43-2	BENZENE	ND	1	0.4	ug/L	524.2	1/10/12	
56-23-5	CARBON TETRACHLORIDE	ND	5	0.4	ug/L	524.2	1/10/12	
156-59-2	CIS - 1,2 - DICHLOROETHYLENE	ND	70	0.4	ug/L	524.2	1/10/12	
156-60-5	TRANS - 1,2 - DICHLOROETHYLENE	ND	100	0.4	ug/L	524.2	1/10/12	
100-41-4	ETHYLBENZENE	ND	700	0.4	ug/L	524.2	1/10/12	
75-09-2	METHYLENE CHLORIDE (DICHLOROMETHANE)	ND	3	0.4	ug/L	524.2	1/10/12	
108-90-7	MONOCHLOROBENZENE	ND	50	0.4	ug/L	524.2	1/10/12	
95-50-1	O - DICHLOROBENZENE	ND	600	0.4	ug/L	524.2	1/10/12	
106-46-7	P - DICHLOROBENZENE	ND	75	0.4	ug/L	524.2	1/10/12	
100-42-5	STYRENE	ND	100	0.4	ug/L	524.2	1/10/12	
127-18-4	TETRACHLOROETHYLENE	ND	1	0.4	ug/L	524.2	1/10/12	
108-88-3	TOLUENE	ND	1000	0.4	ug/L	524.2	1/10/12	
79-01-6	TRICHLOROETHYLENE	ND	1	0.4	ug/L	524.2	1/10/12	
75-01-4	VINYL CHLORIDE	ND	2	0.4	ug/L	524.2	1/10/12	
1330-20-7	XYLENES (TOTAL)	ND	1000	0.4	ug/L	524.2	1/10/12	
75-27-4	BROMODICHLOROMETHANE	ND		0.4	ug/L	524.2	1/10/12	
124-48-1	CHLORODIBROMOMETHANE	ND		0.4	ug/L	524.2	1/10/12	
67-66-3	CHLOROFORM	ND		0.4	ug/L	524.2	1/10/12	
75-25-2	BROMOFORM	ND		0.4	ug/L	524.2	1/10/12	
E-14471	TOTAL TRIHALOMETHANE	ND	10	0.4	ug/L	524.2	1/10/12	

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1497-73-0	PERCHLORATE	ND		50	ng/L	331.0	1/25/12	Analyzed by NSF
93-72-1	2,4,5 - TP (SILVEX)	ND	10	0.4	ug/L	515.4	1/12/12	
94-75-7	2,4 - D	ND	70	0.2	ug/L	515.4	1/12/12	
15972-60-8	ALACHLOR	ND	2	0.4	ug/L	525.2	1/17/12	
1912-24-9	ATRAZINE	ND	3	0.2	ug/L	525.2	1/17/12	
1563-66-2	CARBOFURAN	ND	40	1	ug/L	531.2	1/10/12	
57-74-9	CHLORDANE	ND	0.5	0.4	ug/L	508.1	1/19/12	
96-12-8	DIBROMOCHLOROPROPANE (DBCP)	ND	0.2	0.04	ug/L	504.1	1/16/12	
88-85-7	DINOSEB	ND	7	0.4	ug/L	515.4	1/12/12	
72-20-8	ENDRIN	ND	0.2	0.02	ug/L	525.2	1/17/12	
106-93-4	ETHYLENE DIBROMIDE (EDB)	ND	0.05	0.02	ug/L	504.1	1/16/12	
76-44-8	HEPTACHLOR	ND	0.4	0.08	ug/L	525.2	1/17/12	
1024-57-3	HEPTACHLOR EPOXIDE "B"	ND	0.2	0.04	ug/L	525.2	1/17/12	
58-89-9	LINDANE (BHC - GAMMA)	ND	0.2	0.04	ug/L	525.2	1/17/12	
72-43-5	METHOXYCHLOR	ND	40	0.2	ug/L	525.2	1/17/12	
23135-22-0	OXYMAL (VYDATE)	ND	200	1	ug/L	531.2	1/10/12	
87-86-5	PENTACHLOROPHENOL	ND	1	0.08	ug/L	515.4	1/12/12	
1918-02-1	PICLORAM	ND	500	0.2	ug/L	515.4	1/12/12	
1336-36-3	POLYCHLORINATED BIPHENYLS (PCB)	ND	0.5	0.2	ug/L	508.1	1/19/12	
75-99-0	DALAPON	ND	200	2	ug/L	515.4	1/12/12	
122-34-9	SIMAZINE	ND	4	0.15	ug/L	525.2	1/17/12	
8001-35-2	TOXAPHENE	ND	3	1	ug/L	508.1	1/19/12	
41903-57-5	DIOXIN (2,3,7,8-TETRACHLORODIBEN;	ND	30	5	pg/L	1613	1/20/12	Analyzed by PACE_MN
85-00-7	DIQUAT	ND	20	2	mg/L	549.2	1/23/12	
145-73-3	ENDOTHALL	ND	100	20	ug/L	548.1	1/23/12	
1071-83-6	GLYPHOSATE	ND	700	10	ug/L	547	2/2/12	
50-32-8	BENZO(A)PYRENE	ND	0.2	0.04	ug/L	525.2	1/17/12	
103-23-1	DI(ETHYLHEXYL)-ADIPATE	ND	400	1.3	ug/L	525.2	1/17/12	
118-74-1	HEXACHLOROENZENE	ND	1	0.2	ug/L	525.2	1/17/12	
77-47-4	HEXACHLOROCYCLO-PENTADIENE	ND	50	0.2	ug/L	525.2	1/17/12	
E-10253	TOTAL RECOVERABLE PHENOLICS	ND	1	1	ug/L	420.4	1/20/12	Analyzed by UL

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### Water Properties

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
1332-21-4	* ASBESTOS	ND		0.16	MFL>10urr	100.2	1/26/12	Analyzedby EMSL
E-10139	HYDROGEN ION (pH)	<b>7.29</b>	5.0-8.5		pH Units	150.1	1/10/12	
NA	* TASTE	ND		1	FTN	SM2160 B	1/25/12	Sample Temp: 20.6C
E-11712	COLOR	ND	5	5	Color Units	SM2120 B	1/10/12	pH: 7.29
E-11734	ODOR	ND	3	1	TON	SM2150	1/10/12	Temperature: 39.3
E-10617	TURBIDITY	ND	0.5	0.10	NTU	180.1	1/10/12	

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### Disinfectants/DBP

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
NA	HAA(5)	ND	60	0	ug/L	552.3	1/19/12	
15541-45-4	BROMATE	ND	0.010	0.005	mg/L	300.1	1/26/12	
10049-04-4	* CHLORINE DIOXIDE	ND	0.8	0.1	mg/L	SM4500-CIO2 I	1/10/12	
7758-19-2	CHLORITE	ND	1.00	0.010	mg/L	300.1	1/26/12	
	* CHLORAMINES TOTAL	ND	4.0	0.05	mg/L	SM4500-CI G	1/10/12	
7782-50-5	FREE CHLORINE RESIDUAL	ND	0.1	0.05	mg/L	SM4500-CI G	1/10/12	

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## IBWA STANDARD OF QUALITY REPORT

### Radiological Contaminants

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
NA	* RADON	ND			pCi	913	1/18/12	Analyzed by UL
12587-46-1	* GROSS ALPHA	ND	15	0	pCi/L	900.0	1/26/12	Analyzed by UL
12587-47-2	* GROSS BETA	ND	50	0	pCi/L	900.0	1/26/12	Analyzed by UL
13982-63-3	* RADIUM 226	<b>0.60</b>			pCi/L	903.1	1/25/12	Analyzed by UL
15262-20-1	* RADIUM 228	ND	5	5	pCi/L	904.0	1/24/12	Analyzed by UL
7440-61-1	URANIUM	ND	0.030	0.001	mg/L	200.8	1/17/12	

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## IBWA STANDARD OF QUALITY REPORT

### Additional Volatile Organic Chemicals (New York)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
75-34-3	1,1 - DICHLOROETHANE	ND		0.5	ug/L	524.2	1/10/12	
563-58-6	1,1 - DICHLOROPROPENE	ND		0.5	ug/L	524.2	1/10/12	
630-20-6	1,1,1,2 - TETRACHLOROETHANE	ND		0.5	ug/L	524.2	1/10/12	
79-34-5	1,1,2,2 - TETRACHLOROETHANE	ND	1	0.4	ug/L	524.2	1/10/12	
87-61-6	1,2,3 - TRICHLOROBENZENE	ND		0.5	ug/L	524.2	1/10/12	
96-18-4	1,2,3 - TRICHLOROPROPANE	ND		0.5	ug/L	524.2	1/10/12	
95-63-6	1,2,4 - TRIMETHYLBENZENE	ND		0.5	ug/L	524.2	1/10/12	
142-28-9	1,3 - DICHLOROPROPANE	ND		0.5	ug/L	524.2	1/10/12	
108-67-8	1,3,5 - TRIMETHYLBENZENE	ND		0.5	ug/L	524.2	1/10/12	
594-20-7	2,2 - DICHLOROPROPANE	ND		0.5	ug/L	524.2	1/10/12	
108-86-1	BROMOBENZENE	ND		0.5	ug/L	524.2	1/10/12	
74-97-5	BROMOCHLOROMETHANE	ND		0.5	ug/L	524.2	1/10/12	
74-83-9	BROMOMETHANE	ND		0.5	ug/L	524.2	1/10/12	
75-00-3	CHLOROETHANE	ND		0.5	ug/L	524.2	1/10/12	
74-87-3	CHLOROMETHANE	ND		0.5	ug/L	524.2	1/10/12	
10061-01-5	CIS - 1,3 - DICHLOROPROPENE	ND		0.5	ug/L	524.2	1/10/12	
74-95-3	DIBROMOMETHANE	ND		0.5	ug/L	524.2	1/10/12	
75-71-8	DICHLORODIFLUOROMETHANE	ND		0.5	ug/L	524.2	1/10/12	
87-68-3	HEXACHLOROBUTADIENE	ND		0.5	ug/L	524.2	1/10/12	
98-82-8	ISOPROPYLBENZENE	ND		0.5	ug/L	524.2	1/10/12	
541-73-1	M - DICHLOROBENZENE	ND		0.5	ug/L	524.2	1/10/12	
1330-20-7	M/P - XYLENE	ND		0.5	ug/L	524.2	1/10/12	
1634-04-4	METHYL TERT-BUTYL ETHER	ND	70	0.4	ug/L	524.2	1/10/12	
104-51-8	N - BUTYLBENZENE	ND		0.5	ug/L	524.2	1/10/12	
103-65-1	N - PROPYLBENZENE	ND		0.5	ug/L	524.2	1/10/12	
91-20-3	NAPHTHALENE	ND	300	0.4	ug/L	524.2	1/10/12	
95-49-8	O - CHLOROTOLUENE	ND		0.5	ug/L	524.2	1/10/12	
106-43-4	P - CHLOROTOLUENE	ND		0.5	ug/L	524.2	1/10/12	
95-47-6	O - XYLENE	ND		0.5	ug/L	524.2	1/10/12	
99-87-6	P - ISOPROPYLTOLUENE	ND		0.5	ug/L	524.2	1/10/12	
135-98-8	SEC - BUTYLBENZENE	ND		0.5	ug/L	524.2	1/10/12	
98-06-6	TERT - BUTYLBENZENE	ND		0.5	ug/L	524.2	1/10/12	
10061-02-6	TRANS- 1,3 - DICHLOROPROPENE	ND		0.5	ug/L	524.2	1/10/12	
75-69-4	TRICHLOROFLUOROMETHANE	ND		0.5	ug/L	524.2	1/10/12	

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CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
E-14506	ALKALINITY	<b>150</b>		5.0	mg CaCO3	SM2320 B	1/23/12	
NA	* CORROSIVITY	<b>-0.7</b>			SI	SM203	1/27/12	

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