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IBWA STANDARD OF QUALITY REPORT

Client Name: H2 Oregon
 3575 Crates Way
 The Dalles, OR 97058

Reference Number: **14-04705**

Project: IBWA Annual Product
 Field ID: H2Oregon
 Sample Description: Reverse Osmosis Product Water
 Sampled By: Rod
 Sample Date: 03/19/2014

Lab Number: 11624
 Report Date: 04/21/2014
 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	3/21/14	
7440-38-2	ARSENIC	ND	0.010	0.001	mg/L	200.8	3/21/14	
7440-39-3	BARIUM	ND	1.0	0.001	mg/L	200.8	3/21/14	
7440-41-7	BERYLLIUM	ND	0.004	0.001	mg/L	200.8	3/21/14	
7440-43-9	CADMIUM	ND	0.005	0.001	mg/L	200.8	3/21/14	
7440-47-3	CHROMIUM	ND	0.05	0.005	mg/L	200.8	3/21/14	
57-12-5	CYANIDE, FREE	ND	0.1	0.040	mg/L	SM4500-CN F	3/21/14	
16984-48-8	FLUORIDE	ND	2.4	0.10	mg/L	300.0	3/19/14	
7439-92-1	LEAD	ND	0.005	0.001	mg/L	200.8	3/21/14	
7439-97-6	MERCURY	ND	0.001	0.0002	mg/L	245.1	3/24/14	
7440-02-0	NICKEL	ND	0.1	0.001	mg/L	200.8	3/21/14	
14797-55-8	NITRATE-N	ND	10	0.10	mg/L	300.0	3/19/14	
14797-65-0	NITRITE-N	ND	1.0	0.10	mg/L	300.0	3/19/14	
E-10128	TOTAL NITRATE/NITRITE	ND	10	0.10	mg/L	300.0	3/19/14	
7782-49-2	SELENIUM	ND	0.010	0.005	mg/L	200.8	3/21/14	
7440-28-0	THALLIUM	ND	0.002	0.001	mg/L	200.8	3/21/14	
1497-73-0	* PERCHLORATE	ND	0.002	0.0002	mg/L	331.0	3/25/14	Analyzed by UL

Notation:

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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	3/31/14	
16887-00-6	CHLORIDE	3.30	250	1	mg/L	300.0	3/19/14	
7440-50-8	COPPER	ND	1.0	0.005	mg/L	200.8	3/21/14	
7439-89-6	IRON	ND	0.3	0.050	mg/L	200.7	3/31/14	
7439-96-5	MANGANESE	ND	0.05	0.001	mg/L	200.8	3/21/14	
7440-22-4	SILVER	ND	0.025	0.010	mg/L	200.8	3/21/14	
14808-79-8	SULFATE	2.86	250	10	mg/L	300.0	3/19/14	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	24	500	10	mg/L	SM2540 C	3/24/14	
7440-66-6	ZINC	ND	5.0	0.005	mg/L	200.8	3/21/14	

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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	3/20/14	
79-00-5	1,1,2 - TRICHLOROETHANE	ND	3	0.4	ug/L	524.2	3/20/14	
75-35-4	1,1 - DICHLOROETHYLENE	ND	2	0.4	ug/L	524.2	3/20/14	
120-82-1	1,2,4 - TRICHLOROBENZENE	ND	9	0.4	ug/L	524.2	3/20/14	
107-06-2	1,2 - DICHLOROETHANE	ND	2	0.4	ug/L	524.2	3/20/14	
78-87-5	1,2 - DICHLOROPROPANE	ND	5	0.4	ug/L	524.2	3/20/14	
71-43-2	BENZENE	ND	1	0.4	ug/L	524.2	3/20/14	
56-23-5	CARBON TETRACHLORIDE	ND	5	0.4	ug/L	524.2	3/20/14	
156-59-2	CIS - 1,2 - DICHLOROETHYLENE	ND	70	0.4	ug/L	524.2	3/20/14	
156-60-5	TRANS - 1,2 - DICHLOROETHYLENE	ND	100	0.4	ug/L	524.2	3/20/14	
100-41-4	ETHYLBENZENE	ND	700	0.4	ug/L	524.2	3/20/14	
75-09-2	METHYLENE CHLORIDE (DICHLOROM	ND	3	0.4	ug/L	524.2	3/20/14	
108-90-7	MONOCHLOROBENZENE	ND	50	0.4	ug/L	524.2	3/20/14	
95-50-1	O - DICHLOROBENZENE	ND	600	0.4	ug/L	524.2	3/20/14	
106-46-7	P - DICHLOROBENZENE	ND	75	0.4	ug/L	524.2	3/20/14	
100-42-5	STYRENE	ND	100	0.4	ug/L	524.2	3/20/14	
127-18-4	TETRACHLOROETHYLENE	ND	1	0.4	ug/L	524.2	3/20/14	
108-88-3	TOLUENE	ND	1000	0.4	ug/L	524.2	3/20/14	
79-01-6	TRICHLOROETHYLENE	ND	1	0.4	ug/L	524.2	3/20/14	
75-01-4	VINYL CHLORIDE	ND	2	0.4	ug/L	524.2	3/20/14	
1330-20-7	XYLENES (TOTAL)	ND	1000	0.4	ug/L	524.2	3/20/14	
75-27-4	BROMODICHLOROMETHANE	0.5		0.4	ug/L	524.2	3/20/14	
124-48-1	CHLORODIBROMOMETHANE	ND		0.4	ug/L	524.2	3/20/14	
67-66-3	CHLOROFORM	5.3		0.4	ug/L	524.2	3/20/14	
75-25-2	BROMOFORM	ND		0.4	ug/L	524.2	3/20/14	
E-14471	TOTAL TRIHALOMETHANE	5.8	10	0.4	ug/L	524.2	3/20/14	
1634-04-4	METHYL TERT-BUTYL ETHER	ND	70	0.4	ug/L	524.2	3/20/14	
91-20-3	NAPHTHALENE	ND	300	0.4	ug/L	524.2	3/20/14	
79-34-5	1,1,2,2 - TETRACHLOROETHANE	ND	1	0.4	ug/L	524.2	3/20/14	

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Synthetic Organic Chemicals (SOCs)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
93-72-1	2,4,5 - TP (SILVEX)	ND	10	0.2	ug/L	515.4	3/21/14	
94-75-7	2,4 - D	ND	70	0.1	ug/L	515.4	3/21/14	
15972-60-8	ALACHLOR	ND	2	0.2	ug/L	525.2	3/25/14	
116-06-3	ALDICARB	ND	3	1	ug/L	531.2	3/26/14	
1646-88-4	ALDICARB SULFONE	ND	3	1	ug/L	531.2	3/26/14	
1646-87-3	ALDICARB SULFOXIDE	ND	4	1	ug/L	531.2	3/26/14	
1912-24-9	ATRAZINE	ND	3	0.1	ug/L	525.2	3/25/14	
1563-66-2	CARBOFURAN	ND	40	0.9	ug/L	531.2	3/26/14	
57-74-9	CHLORDANE	ND	2	0.2	ug/L	508.1	3/27/14	
75-99-0	DALAPON	ND	200	1	ug/L	515.4	3/21/14	
96-12-8	DIBROMOCHLOROPROPANE (DBCP)	ND	0.2	0.02	ug/L	504.1	3/25/14	
88-85-7	DINOSEB	ND	7	0.2	ug/L	515.4	3/21/14	
72-20-8	ENDRIN	ND	2	0.01	ug/L	525.2	3/25/14	
106-93-4	1,2 - DIBROMOETHANE (EDB)	ND	0.05	0.01	ug/L	504.1	3/25/14	
76-44-8	HEPTACHLOR	ND	0.4	0.04	ug/L	525.2	3/25/14	
1024-57-3	HEPTACHLOR EPOXIDE "B"	ND	0.2	0.02	ug/L	525.2	3/25/14	
58-89-9	LINDANE (BHC - GAMMA)	ND	0.2	0.02	ug/L	525.2	3/25/14	
72-43-5	METHOXYCHLOR	ND	40	0.1	ug/L	525.2	3/25/14	
23135-22-0	OXAMYL (VYDATE)	ND	200	2	ug/L	531.2	3/26/14	
87-86-5	PENTACHLOROPHENOL	ND	1	0.04	ug/L	515.4	3/21/14	
1918-02-1	PICLORAM	ND	500	0.1	ug/L	515.4	3/21/14	
1336-36-3	POLYCHLORINATED BIPHENYLS (PCB)	ND	0.5	0.1	ug/L	508.1	3/27/14	
122-34-9	SIMAZINE	ND	4	0.07	ug/L	525.2	3/25/14	
8001-35-2	TOXAPHENE	ND	3	1	ug/L	508.1	3/27/14	
41903-57-5	* DIOXIN (2,3,7,8-TETRACHLORODIBEN;	ND	30	5	pg/L	1613	4/2/14	Analyzed by PACE_MN
85-00-7	DIQUAT	ND	20	0.4	ug/L	549.2	3/27/14	
145-73-3	ENDOTHALL	ND	100	9	ug/L	548.1	3/20/14	
1071-83-6	GLYPHOSATE	ND	700	6	ug/L	547	3/20/14	
50-32-8	BENZO(A)PYRENE	ND	0.2	0.02	ug/L	525.2	3/25/14	
103-23-1	DI(2-ETHYLHEXYL)-ADIPATE	ND	400	0.6	ug/L	525.2	3/25/14	
117-81-7	DI(2-ETHYLHEXYL)-PHTHALATE	ND	6	0.6	ug/L	525.2	3/25/14	
118-74-1	HEXACHLOROBENZENE	ND	1	0.1	ug/L	525.2	3/25/14	
77-47-4	HEXACHLOROCYCLO-PENTADIENE	ND	50	0.1	ug/L	525.2	3/25/14	
E-10253	TOTAL RECOVERABLE PHENOLICS	ND	1	1	ug/L	420.4	3/26/14	Analyzed by NSF

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Water Properties

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
E-11712	COLOR	ND	5	5	Color Units	SM2120 B	3/19/14	pH:6
E-10617	TURBIDITY	0.19	0.5	0.10	NTU	180.1	3/19/14	
E-10139	HYDROGEN ION (pH)	6.88	5.0-8.5		pH Units	150.1	3/19/14	
E-11734	ODOR	ND	3	1	TON	SM2150	3/19/14	Temperature: 39.0

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Disinfectants/DBP

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
NA	HAA(5)	ND	60	1	ug/L	552.3	3/27/14	
15541-45-4	BROMATE	ND	0.010	0.001	mg/L	300.1	3/27/14	
10049-04-4	* CHLORINE DIOXIDE	ND	0.8	0.10	mg/L	SM4500-CIO2	3/19/14	
7758-19-2	* CHLORITE	ND	1.00	0.010	mg/L	300.1	3/27/14	
NA	* CHLOROAMINES TOTAL	ND	4.0	0.05	mg/L	SM4500-CI G	3/19/14	
7782-50-5	FREE CHLORINE RESIDUAL	ND	0.1	0.05	mg/L	SM4500-CI G	3/19/14	

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Radiological Contaminants

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Analyzed	COMMENT
12587-46-1	GROSS ALPHA	ND	15	3	pCi/L	900.0	3/28/14	Analyzed by Pace
12587-47-2	GROSS BETA	ND	50	4	pCi/L	900.0	3/28/14	Analyzed by Pace
13982-63-3	RADIUM 226	ND		1	pCi/L	903.1	3/28/14	Analyzed by Pace
15262-20-1	RADIUM 228	ND	5	1	pCi/L	904.0	4/4/14	Analyzed by Pace
7440-61-1	URANIUM	ND	0.030	0.001	mg/L	200.8	3/21/14	

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