



QUARTERLY REPORT BOTTLED WATER QUALITY

(April-June, 2016)



PAKISTAN COUNCIL OF RESEARCH IN WATER RESOURCES

Ministry of Science & Technology

Khyban-e-johar, H-8/1, Islamabad.

www.pcrwr.gov.pk

April-June, 2016

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



SUMMARY

The poor quality of drinking water has forced a large cross-section of citizens to buy bottled water. However, many of the mineral water companies were found selling contaminated water. To monitor and improve the quality of bottled water, the government of Pakistan through Ministry of Science and Technology has designated the task for quarterly monitoring of bottled/mineral water brands to PCRWR. According to the monitoring report for the quarter April-June, 2016 following is the brief overview of the findings.

Quarterly Monitoring of Bottled/Mineral Water (April-June, 2016)

No. of Brands Collected	114																												
No. of Cities Targeted	13 (Islamabad, Rawalpindi, Muzaffarabad Faisalabad, Sialkot, Sargodha, Multan, Lahore, Bahawalpur, Karachi, Tando Jam, Quetta, and Peshawar).																												
No. of Overall Safe Brands	101																												
Overall Unsafe Brands	<p>13</p> <table border="1"> <thead> <tr> <th>Brand Name</th> <th>Manufacturer(s)</th> </tr> </thead> <tbody> <tr> <td>Aquwa Plus</td> <td>A.R Traders Gojra Pakistan Email:-aquwaplus@yahoo.com</td> </tr> <tr> <td>New Nation</td> <td>Ramez Enterprises 9-km.G.T.road Rachna Town Shahdra Lahore</td> </tr> <tr> <td>Osam</td> <td>Manufactured By Osam International (Pvt) Ltd. E-mail:-osam20043@gmail.com</td> </tr> <tr> <td>Well care</td> <td>Manufactured by: Well care International (Pvt.) Ltd Khanewal ,, wellcare1222@gmail.com 061-6353126</td> </tr> <tr> <td>Royal Oasis</td> <td>M&S food Beverages(Pvt)Ltd Islamabad www.royaltaffany.com</td> </tr> <tr> <td>Blue Plus</td> <td>Q.N Traders Site Karachi</td> </tr> <tr> <td>Livon</td> <td>Presented By: HANS Traders</td> </tr> <tr> <td>Al-Habib</td> <td>E-10 Al-Azam Square FB Area, Block 1, Karachi EMail:al-habib@cyber.net.pk</td> </tr> <tr> <td>Aqua National</td> <td>Bottled by: MILLI Brothers, 8-Km, G.T Road, Shahdara Lahore</td> </tr> <tr> <td>Nation</td> <td>9-Km G.T Road Rachna Town Shahdra Lahore</td> </tr> <tr> <td>Naimat</td> <td>A produced By Water World Boby Plaza : Opp Govt.munshi hospital ring road Lahore 042-37150190waterworld.com.pk</td> </tr> <tr> <td>Siiz Cool</td> <td>A product of Siiz Marketing 1-Bandesha street, near madia hospital sabzazaar colony busan Road Lahore 042-35034450</td> </tr> <tr> <td>Royal Blue</td> <td>IRIS foods (Pvt) Ltd 484-A, Tajpura LDA Scheme Lahore</td> </tr> </tbody> </table>	Brand Name	Manufacturer(s)	Aquwa Plus	A.R Traders Gojra Pakistan Email:-aquwaplus@yahoo.com	New Nation	Ramez Enterprises 9-km.G.T.road Rachna Town Shahdra Lahore	Osam	Manufactured By Osam International (Pvt) Ltd. E-mail:-osam20043@gmail.com	Well care	Manufactured by: Well care International (Pvt.) Ltd Khanewal ,, wellcare1222@gmail.com 061-6353126	Royal Oasis	M&S food Beverages(Pvt)Ltd Islamabad www.royaltaffany.com	Blue Plus	Q.N Traders Site Karachi	Livon	Presented By: HANS Traders	Al-Habib	E-10 Al-Azam Square FB Area, Block 1, Karachi EMail:al-habib@cyber.net.pk	Aqua National	Bottled by: MILLI Brothers, 8-Km, G.T Road, Shahdara Lahore	Nation	9-Km G.T Road Rachna Town Shahdra Lahore	Naimat	A produced By Water World Boby Plaza : Opp Govt.munshi hospital ring road Lahore 042-37150190waterworld.com.pk	Siiz Cool	A product of Siiz Marketing 1-Bandesha street, near madia hospital sabzazaar colony busan Road Lahore 042-35034450	Royal Blue	IRIS foods (Pvt) Ltd 484-A, Tajpura LDA Scheme Lahore
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INTRODUCTION

Drinking water quality is deteriorating continually due to biological contamination from human waste, chemical pollutants from industries and agricultural inputs. Piped water also gets contaminated because pipes are laid very close to sewerage lines or open drains and cause many serious water borne diseases. It was found that 45% of infant deaths have been attributed to diarrhea and about 60% to overall infectious waterborne diseases in Pakistan. According to the World Health Organization (WHO) 25-30% of the diseases are gastro-intestinal in nature. The poor quality of drinking water has forced a large cross-section of citizens to buy bottled water. As a consequence of this expanding market a mushroom growth of bottled water industry in the country is witnessed during the last few years. However, many of the mineral water companies were found selling contaminated water. To monitor and improve the quality of bottled water, the government of Pakistan has designated the PCRWR as focal point agency.

1. Ministry of Science & Technology informed PCRWR Vide U.O. No. 5(21)/2004-ATA-II dated 17.10.2005 that the Cabinet in its meeting under the chairmanship of Prime Minister directed Ministry of Science & Technology to undertake regular survey/samples of bottled/mineral water at source of production publicize the results on a quarterly basis and follow up with punitive/legal action.
2. Ministry of Science & Technology has assigned the task of quality monitoring of bottled water and publicize the results to PCRWR Vide U.O. No.1(1)/2005-Secy (MoST) dated 8.12.2005.

PCRWR SAMPLING METHODOLOGY

No. of Brands Collected	114	
No. of Cities Targeted	13 (Islamabad, Rawalpindi, Muzaffarabad, Faisalabad, Sialkot, Sargodha, Multan, Lahore, Bahawalpur, Karachi, Tando Jam, Quetta, and Peshawar).	
Composition of Sampling Team	One Research Officer and Two Laboratory Assistants	
Sampling Procedure	Samples of One hundred and fourteen commercially available brands of mineral/bottled water were collected from local market of thirteen cities of Pakistan. These samples were collected by the senior staff members of National Water Quality Laboratory (NWQL) of PCRWR Head Office and Regional/district Water Quality Laboratories of PCRWR during April-June, 2016. A set of four bottles of each brand was collected and sealed on site. Identification codes were allotted to all the brands according to PCRWR Bottled Water Classification System.	
Transparency	Sample No. 1	Handed over to shopkeeper at the time of sample collection;
	Sample No. 2	Preserved in the National Water Quality Laboratory of PCRWR, Islamabad for future record.
	Sample No. 3	Used for Microbiological Analysis
	Sample No. 4	Used for Physico-chemical Analysis

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



PCRWR BOTTLED WATER CLASSIFICATION SYSTEM

Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/ Shop Keeper	Manufacturer's Address
Murree Sparkletts	BWJ-01	Sargodha	27/4/2016	01/2017	0.5 Liter	Aziz General Store Chowk Sargodha	Murree Sparkletts (A division of Murree Brewery co. Ltd) plot No.10/2,phase 3 Industrial Estate, Hatter
Khush Aab	BWJ-02	Sargodha	07/4/2016	-	0.6 Liter	Bismillah General Store 47-Adda Sargodha	A project of University of Sargodha (www.Khushaab.com) Faizan Communication INTL
Hi-Fresh	BWJ-03	Sargodha	07/4/2016	-	0.6 Liter	General Bus Stand Sargodha	Product of NBFC Pakistan Madina Farm,84-N.B Sargodha. www.hi_freshwater.com
Infinity	BWJ-04	Sargodha	07/4/2016	02/2017	0.5 Liter	Hassan General Store Khayam Chowk Sargodha	Musaffa drops(Pvt)Ltd.Japan Road,Sihala Khurd Islamabad 051-4486631
Super Natural	BWJ-05	Faisalabad	20/4/2016	-	0.6 Liter	Bao Ji Pan Shop Mansoor Abad	Well-o-(Pvt)Ltd .P-958,st#12 Muhammad Abad Faisalabad
Aquwa Plus	BWJ-06	Faisalabad	20/4/2016	01/2017	0.6 Liter	Rana Pan Shop Makuana By Pass Faisalabad	A.R Traders Gojra Pakistan Email:- aquwaplus@yahoo.com
Pure Pani	BWJ-07	Faisalabad	20/4/2016	-	0.6 Liter	Rana Pan Shop Makuana By Pass Faisalabad	A product of Attari's Brother. Purepani@green.com.pk
Elixir	BWJ-08	Faisalabad	20/04/2016	-	0.5 Liter	Kohistan Bus Stand G.T.S Chowk Faisalabad	Hussain Enterprises,95 km,Multan Road Lahore
New Nation	BWJ-09	Faisalabad	20/04/2016	08/2017	0.6 Liter	Raja Hotel G.T.S Chowk Faisalabad	Ramez Enterprises 9-km.G.T.road Rachna Town Shahdra Lahore
Vina	BWJ-10	Sialkot	20/04/2016	04/2017	0.6 Liter	Al-Sultan Beverages industries: Chaprar Road Gul Bahar Kalan Sialkot	Al-Sultan Beverages industries: Chaprar Road Gul Bahar Kalan Sialkot
Is Berg	BWJ-11	Sialkot	20/04/2016	04/2017	0.6 Liter	Premier Water Purifying Company, Dhabola Roras Road, Sialkot	Premier Water Purifying Company, Dhabola Roras Road, Sialkot
Rise Water	BWJ-12	Sialkot	20/04/2016	02/2017	0.6 Liter	Pure Foods Sialkot 3-km Kingra Road Sialkot	Pure Foods Sialkot 3-km Kingra Road Sialkot

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Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/ Shop Keeper	Manufacturer's Address
Eco	BWJ-13	Sialkot	20/04/2016	05/2017	0.6 Liter	Product of J&J Foods and Beverages Roras Road NaulChowk Sialkot Pakistan	Product of J&J Foods and Beverages Roras Road Naul Chowk Sialkot Pakistan
Jers	BWJ-14	Sialkot	20/04/2016	02/2017	0.6 Liter	Bismillah Pan Shop Shahab Pura Chowk Sialkot	Manufactured by: Jers Traders. Opp. Bismillah CNG Gujranwala Road, Daska
Ice Well	BWJ-15	Sialkot	20/04/2016	04/2017	0.5 Liter	Allah Hoo Pan Shop Shahab Pura Road Sialkot	Bottled by: Quaint Beverages Industries Baghwal Awan P.o. Khas Sialkot E-mail quaint.beverages@att.net
Al Shalal	BWJ-16	Sialkot	20/04/2016	02/2017	0.6 Liter	Taffam Hotel Paris Road Sialkot	Bottled and Sourced at AZO Enterprises Seokay 14-km Sialkot Aminabad Raod Sialkot
Rescue Water	BWJ-17	Sialkot	20/04/2016	11/2017	0.6 Liter	Masha Allah Pan Shop China Chowk Pasroor Road Sialkot	Maab enterprises Roras Road opp.old saga factory Shahab Pura Sialkot
Coral water	BWJ-18	Sialkot	20/04/2016	02/2016	0.6 Liter	Combine brother traders Adda Khrana Sialkot. www.coralwater.com.pk .	Bottled By: Combine Brothers Traders Adda Khrana Sialkot www.coralwater.com.pk 0333-8606644
Bake Master	BWJ-19	Sialkot	20/04/2016	02/2017	0.6 Liter	Shahab Pura Road Bake Master Bakery Sialkot	0342-6661666 0333-8656666
Athar	BWJ-20	Sialkot	20/04/2016	04/2017	0.5 Liter	Haji Pura Road Sialkot E-mail: Ajva Rice@gmail.com .	Manufactured By Ajva rice Mill Pakistan Haji Pura Road Sialkot E-mail: Ajva Rice@gmail.com .
Punjab pure drinking water	BWJ-21	Sialkot	20/04/2016	03/2017	1.5 Liter	Pasrur Road Noor pure stop, Sialkot Punjabwater7@gmail.com 0333-8302515	Pasrur Road Noor pure stop, Sialkot Punjabwater7@gmail.com 0333-8302515
Definet	BWJ-22	Multan	27/04/2016	-	1.5 Liter	Nasir Hameed Drink Corner General Bus Stand Multan	Tayab A.B Foods Multan 0300-8036723
Reel water	BWJ-23	Multan	26/04/2016	-	1.5 Liter	Azeem Medical Store Nishtar Road Multan	Al-Badee Foods Intl Head office: 23-T, Adeel Arcade, Gulshan Market New Multan
Osam	BWJ-24	Multan	26/4/2016	-	1.5 Liter	Fatima Drink Corner Nishtar Road Multan	Manufactured By Osam International (Pvt) Ltd. E-mail:- osam20043@gmail.com
Pure Fresh Water	BWJ-25	Multan	28/04/2016	-	1.5 Liter	Mushtaq Drink Corner Vehari Road Multan	NLC bypass Main Khanewal road Multan Email: freshwater.pt@gmail.com

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Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/ Shop Keeper	Manufacturer's Address
Well care	BWJ-26	Multan	26/04/2016	-	1.5 Liter	Fatima Drink Corner Nishtar Road Multan	Manufactured by: Well care International (Pvt.) Ltd Khanewal .., wellcare1222@gmail.com 061-6353126
Pura Light	BWJ-27	Multan	27/4/2016	03/2017	1.5 Liter	Nasir Hameed Drink Corner General Bus Stand Multan	Batch # P-0013, Manufactured by Pura Co.
BERG	BWG-28	Multan	28/4/2016	03/2017	0.5 Liter	Paramount General Store Dera Adda Chowk Multan	Musaffa drops(Pvt)Ltd.Japan Road,Sihala Khurd Islamabad
Royal Oasis	BWJ-29	Multan	28/4/2016		0.6 Liter	City Drink corner Nishtar Road Multan	M&S food Beverages(Pvt)Ltd Islamabad www.royaltaffany.com
Vinah	BWJ-30	Karachi	06/05/2016	12/2017	0.6 Liter	Memon Store Gulistan-e-Johar Block 01 Karachi	A Product of AJ Pearl: Bankers Lodge Block J North Nazimabad Karachi info@vinhdrinkingwater.com
Blue Plus	BWJ-31	Karachi	06/05/2016	-	0.6 Liter	Mr.Shabir Gulistan-e-Johar Block 01 Karachi	Q.N Traders Site Karachi
Safe Life	BWJ-32	Karachi	06/05/2016	12/2017	0.6 Liter	Warsi General Store Shamsi Society Malir	Plot No.411,M.Colony Garden west Karachi www.safelife.pk
Al-massafi	BWG-33	Karachi	06/05/2016	12/2017	0.6 Liter	Sawabi Store Shah Faisal Natha Khan	Al-massafi foods plot No.S-3,S-4 Main city Karachi
Orion	BWJ-34	Karachi	06/05/2016	12/2017	0.6 Liter	Al Makka Bakari Town Malir	Orion Foods: Site E.1 suite no.2, Defence view, Phase 2, Karachi
MR	BWJ-35	Karachi	06/05/2016	03/2017	0.6 Liter	M.Yousaf General Store Shah Faisal Karachi	B-138, Block 6 Gulishan-e-Iqbal Karachi 021-34960078
Deep Spring	BWJ-36	Islamabad	15/05/2016	05/2017	1.5 Liter	A Product of BNK(Pvt)Ltd.Plot # 226, Street # 7, Sector I-9/2, Industrial Area Islamabad	A Product of BNK(Pvt)Ltd.Plot # 226, Street # 7, Sector I-9/2, Industrial Area Islamabad
Water Plus	BWJ-37	Islamabad	15/05/2016	03/2017	0.5 Liter	Office: plot # 235, Street # 6, I-9/2, Industrial Area Islamabad www.waterplus.com.pk	Office: plot # 235, Street # 6, I-9/2, Industrial Area Islamabad www.waterplus.com.pk
Oxygen	BWJ-38	Islamabad	15/5/2016	05/2017	0.5 Liter	Plot#86,st#10 sector I-9/2 Islamabad	Plot#86,st#10 sector I-9/2 Islamabad
Hydra	BWJ-39	Islamabad	15/5/2016	04/2017	1.5 Liter	Bottled By Pakistan PVC limited: Plot # 31-A, Sector I-9, Industrial Area Islamabad	Bottled By Pakistan PVC limited: Plot # 31-A, Sector I-9, Industrial Area Islamabad

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/ Shop Keeper	Manufacturer's Address
Deosai	BWJ-40	Islamabad	16/05/2016	05/2017	1.5 Liter	Margalla Food and Beverages: Plot # 32, Khayaban-e-Johar, Industrial Area, I-9/2, Islamabad	Margalla Food and Beverages: Plot # 32, Khayaban-e-Johar, Industrial Area, I-9/2, Islamabad
Venora	BWJ-41	Islamabad	15/05/2016	03/2017	1.5 Liter	Plot # 238, I-9/3 Islamabad	Plot # 238, I-9/3 Islamabad
Ripple	BWJ-42	Rawalpindi	16/05/2016	04/2017	1.5 Liter	Main Mirpur road, Al-Noor Colony, sector 3, corner of st#6,behind Fazaia Colony Rawalpindi	Main Mirpur road, Al-Noor Colony, sector 3, corner of st#6,behind Fazaia Colony Rawalpindi
Miracle	BWJ-43	Karachi	10/05/2016	04/2018	0.5 Liter	Murtaza General store Johar Chorangi Karachi	The Miracle Products (Pvt)Ltd Block-14, F.B Area Karachi 021-36375655
Naafey Pure	BWJ-44	Karachi	10/05/2016	01/2017	0.6 Liter	Al Amin Milk hop Johar Chorangi	Naafey pure Karachi Pakistan Email;Naafaypure@gmail.com
ARBO	BWJ-45	Karachi	10/05/2016	12/2016	0.6 Liter	Fahad Medical and Super Store Johar More	Bottled By: Al-Haram enterprises 410/15B, Buffer Zone Karachi
Droplet	BWJ-46	Karachi	10/05/2016	-	0.6 Liter	Khan General Store Natha Goth Shah Faisal	Bottled By: Makkah International Block-1-A, Gulishan-e-Johar Karachi
Livon	BWJ-47	Karachi	10/05/2016	-	0.6 Liter	New Javeed General Store Drigd Road Market Karachi	Presented By: HANS Traders
Aqua Neel	BWJ-48	Karachi	09/05/2016	-	0.6 Liter	Razia Complex Medical Store Bhains Colony Karachi	Factory: LS20,Lucknow Cooperative society sector-31-E Korangi Road Karachi 021-35051975
Al-Habib	BWJ-49	Karachi	09/05/2016	12/2016	0.6 Liter	Kariyana General Store Shah Latif Town B-19,Sector Karachi	E-10 Al-Azam Square FB Area, Block 1, Karachi EMail:al-habib@cyber.net.pk
Aqua Boon	BWJ-50	Karachi	09/05/2016	-	0.5 Liter	Bissmillah Sweet Bakery 5 B-1 North Karachi	0315-2270552 0311-2610493
Al-Sahar	BWJ-51	Karachi	09/05/2016	-	0.6 Liter	Malik Milk Shop 5 B-1 North Karachi	Al-Safrrat International plot # C-68, Site Super Highway Industrial Area, Karachi.
Vey	BWJ-52	Karachi	09/05/2016	04/2018	0.6 Liter	Super General Store Gulistan-e-Johar Rabia City Karachi	A product of Fluid Technology INTL(Pvt) 424, Bhayani center Block-M North Nazimabad Karachi
Askari	BWJ-53	Karachi	09/05/2016	-	0.5 Liter	S.D Medical General Store Gulistan-e-Johar Rabia City Karachi	A product of Askari International F-115 Block-F North Nazimabad Karachi 021-2800554

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Aqua Pure alkaline	BWJ-54	Karachi	10/05/2016	-	0.6 Liter	Meat an Eat Fast Food Gulistan-e-Johar Rabia City Karachi	Plot#B-80, Block 13-D/2 Gulishan Iqbal Karachi 021-34831287
Blu Water	BWJ-55	Bahawalpur	26/04/2016	03/2017	0.6 Liter	Al-Noor Super Store Commercial Area Bahawalpur	Al-Hilal industries (Pvt) Ltd Sultan Nagar Vehari Road Multan Pakistan
Kinley	BWJ-56	Bahawalpur	26/04/2016	05/2017	0.5 Liter	Arfate Shireen Sweets & Bakers Commercial Area Bahawalpur	Coca Cola Beverages Pakistan Ltd S-E, 2 Gulberg 3 Lahore
N.N Water	BWJ-57	Bahawalpur	26/04/2016	09/2016	0.6 Liter	Shah Sweets&Bakers Railway Station Road Bahawalpur	A Project of South Punjab Guaranteed Purity and Great Taste For Life NN-Premium water factory Khanewal. E-mail: nnpwater@hotmail.com 065-2554390
Nestle Pure Life	BWJ-58	Bahawalpur	26/04/2016	08/2017	0.5 Liter	Shah Sweets&Bakers Railway Station Road Bahawalpur	Bottled By Nestle Pakistan Ltd. 308, Upper Mall Lahore Bottled by Nestle Pakistan Ltd
Pine'o	BWJ-59	Bahawalpur	26/04/2016	04/2017	0.6 Liter	Al-Khair Pharmacy Opp.BVH, Bahawalpur	Under Licence Gysing Pak PSIE, Bahawalpur. gysing@live.com
Piyass	BWJ-60	Bahawalpur	26/04/2016	09/2017	0.6 Liter	Time Pharmacy Model Town C Chowk Bahawalpur	Bottled by: Arshad Industries: Mouza Zakria, SammaSatta 59-A, Ghala Mandi Bahawalpur
Aqua fina	BWJ-61	Bahawalpur	26/04/2016	03/2017	0.5 Liter	Ajmal Medical Opp.BVH Bahawalpur	PEPSICO,Riaz Brothers (Pvt) Ltd,32-N Gulberg 2 Lahore
Aqua Classic	BWJ-62	Quetta	02/05/2016		1.5 Liter	New Samad General store M.A Jinnah road Quetta	S.A Enterprises: Browri Road Quetta
Aqua Hygienic	BWJ-63	Quetta	02/05/2016		1.5 Liter	New Haq Medical store M.A Jinnah road Quetta	Marketed By Zauhras Plot # 02, Street # 12, Faisal Town Brewery Road Quetta
Drop Ice	BWJ-64	Quetta	02/05/2016		1.5 Liter	Bukhara Medical store M.A Jinnah road Quetta	Bottled by: House of S & G.Email: dropicewater@gmail.com
Hi pure	BWJ-65	Quetta	02/05/2016		1.5 Liter	Bukhara Medical store M.A Jinnah road Quetta	Hiline international 6-Km, Lahore road Multan Email:- info@hiline-group.com
Sav Life	BWJ-66	Quetta	02/05/2016		1.5 Liter	Bukhara Medical store M.A Jinnah road Quetta	Sav life enterprises-Village Ahmed Mian soomro S.I.T.E area JCD 0333-734078
YAS	BWJ-67	Muzaffarabad	20/05/2016	03/2017	1.5 Liter	Mohsin Naqvi, YAS Pure Water, Near Neelum Flour Mill, Muzaffarabad	Kashmir Natural Resources (Pvt) Ltd. Muzaffarabad. www.neelum.pk 05822-445448

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Natural Aqwah	BWJ-68	Peshawar	13/05/2016	05/2017	0.6 Liter	RG Enterprises: Plot#141-7, Industrial Estate Hayatabad Peshawar Web: www.aqwah.com	RG Enterprises: Plot#141-7, Industrial Estate Hayatabad Peshawar Web: www.aqwah.com
Aqua Splash	BWJ-69	Peshawar	13/05/2016	05/2017	0.6 Liter	Euro International) 192-A, Industrial Estate Hayatabad, Peshawar	Euro International) 192-A, Industrial Estate Hayatabad, Peshawar
Nebraska	BWJ-70	Peshawar	13/05/2016	-	0.6 Liter	Bottled at Dew Point Healthcare Water Purification and Processing Facility :12-C Industrial Estate Hayatabad, Peshawar	Bottled at Dew Point Healthcare Water Purification and Processing Facility :12-C Industrial Estate Hayatabad, Peshawar
Aquatic Fresh	BWJ-71	Peshawar	13/05/2016	05/2017	0.6 Liter	Royal Food Industries Plot-1/C Industrial Estate Jamrud Road Peshawar	Royal Food Industries Plot-1/C Industrial Estate Jamrud Road Peshawar
Moya Mineral water	BWJ-72	Peshawar	13/05/2016	06/2017	1.5 Liter	Processed by: Al-Saudia Enterprises 580/B Main Gulberg Peshawar Cantt	Processed by: Al-Saudia Enterprises 580/B Main Gulberg Peshawar Cantt
Pearl	BWJ-73	Tando Jam	18/05/2016	05/2017	0.6 Liter	144/6, Km Near Toll plaza Super Highway Jamshoro. E-mail: pearlwater@gmail.com	144/6, Km Near Toll plaza Super Highway Jamshoro. E-mail: pearlwater@gmail.com
AFRA	BWJ-74	Tando Jam	18/05/2016	12/2017	0.6 Liter	Bottled by: Pak Natural Co. Lahore Tower Market Hakeem Habib Road Hyderabad	Bottled by: Pak Natural Co. Lahore Tower Market Hakeem Habib Road Hyderabad
Pak Life	BWJ-75	Tando Jam	18/05/2016	12/2017	0.6 Liter	Bottled by: Pak Natural Co. Lahore Tower Market Hakeem Habib Road Hyderabad	Bottled by: Pak Natural Co. Lahore Tower Market Hakeem Habib Road Hyderabad
Noble	BWJ-76	Tando Jam	18/05/2016	12/2017	0.6 Liter	Bottled by: Pak Natural Co. Lahore Tower Market Hakeem Habib Road Hyderabad	Bottled by: Pak Natural Co. Lahore Tower Market Hakeem Habib Road Hyderabad
Crystal springs	BWJ-77	Tando Jam	18/05/2016	-	1.5 Liter	Plot#28 Phase2 Qasimabad, Hyderabad www.crystalspringspk.com	Plot#28 Phase 2 Kasimabad Hyderabad www.crystalspringspk.com

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/ Shop Keeper	Manufacturer's Address
Aqua National	BWJ-78	Lahore	23/05/2016	12/2017	0.6 Liter	Waheed pan shop Madina chowk lari adda Lahore 0323-4851350	Bottled by: MILLI Brothers, 8-Km, G.T Road, Shahdara Lahore
Q2 plus	BWJ-79	Lahore	23/05/2016	03/2017	0.6 Liter	Rehman madical store opp service Hospital Lahore 0321-4877281	Bottled by: Elixer Group Ground flour haleem plaza,10-temple road Lahore www.elixergroup.pk 0320-4085600
Doce water	BWJ-80	Lahore	24/05/2016	05/2017	0.6 Liter	Doce sweet and bakers PIA society near wapda town goal chakker Lahore 0315-4007122	48-M, Quaid-e-Azam Industrial State, Kot Lakhpat, Lahore www.doce.pk 042-3555555
Aqua Gen	BWJ-81	Lahore	24/05/2016	5/2017	0.6 Liter	Doctor Pharmacy near General hospital ferozpur road Lahore 0333-4275486	A Product of AquaGen Services Water Treatment Company :36-Civic Centre, Liaquat Chowk Sabzazaar Scheme, Lahore 042-37831365 www.aquagen.net.pk
Aqua Lite Water	BWJ-82	Lahore	24/05/2016	05/2017	0.6 Liter	Ittafaq madical store near General Hospital Lahore 0322-4844291	Aqua lite wáter services Pakistan housing society Ferozpur Lahore
Butt Water	BWJ-83	Lahore	24/05/2016	05/2017	0.5 Liter	M.shafique butt sweet and bakers Gajju Matta ferozpur road Lahore 0300-0453592	Manufactured By: Butt Sweets Bakers www.buttsweets.com 11-1947-222
Krisko Water	BWJ-84	Lahore	24/05/2016	09/2016	0.5 Liter	Krisco sweet and delights ferozpur road Lahore	Bottled Sourced at: 10-Km Defense Road Lahore www.krisko.com.pk 0321-2888877
Bling	BWJ-85	Lahore	24/05/2016	03/2017	0.5 Liter	Bilal karyana store Feroz pur road Kahn now Lahore 0321-3736227	A product of 3N Foods 18-Km Ferozpur Road Opp. suflabad Lahore 042-35923593
Deep rock water	BWJ-86	Lahore	24/05/2016	05/2017	0.6 Liter	Akram khan brothers pan shop ferozpyr road kahna now Lahore 0321-8821560	A product of Khalid food industries 24-Km Main Ferozpur Road Lahore 042-35822131 deeprock@gmail.com
Nation	BWJ-87	Lahore	24/05/2016	04/2017	0.6 Liter	Anwar General store Kahna Lahore 0322-8897163	9-Km G.T Road Rachna Town Shahdra Lahore
KLINZ Water	BWJ-88	Lahore	10/05/2016	05/2017	0.6 Liter	Model Town Lahore Pakistan 042-35218815	Bottled By: Klinz Food (Pvt) Ltd 60-L Model Town Lahore Pakistan 042-35218815
DURA Pure Life	BWJ-89	Lahore	23/05/2016	11/2016	0.6 Liter	Umar draz life care pharmacy ser shah chowk raiwind Lahore 0342-8217951	Bottled By: Dura Mineral wáter durapurelife@gmail.com

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/ Shop Keeper	Manufacturer's Address
Aab-e-Khoob	BWJ-90	Lahore	10/05/2016	08/2016	0.6 Liter	Aab-e-Khoob Plot # 9-17-B 1, College road, near Akbar Chowk, Township, Lahore 042-35214240	Aab-e-Khoob Plot # 9-17-B 1, College road, near Akbar Chowk, Township, Lahore 042-35214240
Naimat	BWJ-91	Lahore	23/05/2016		0.6 Liter	Opp Govt.munshi hospital ring road Lahore 042-37150190 waterworld.com.pk	A produced By Water World Boby Plaza : Opp Govt.munshi hospital ring road Lahore 042-37150190 waterworld.com.pk
Dewan Water Express	BWJ-92	Lahore	10/05/2016		0.6 Liter	Al khair sweet Shershah colony block D shop#8 Lahore 0323-9113193	Bottled By: Dewan Foods:168,Shah Jamal Lahore
Cool Pure	BWJ-93	Lahore	10/05/2016	06/2017	0.6 Liter	Ahmed pan shop Shaukat Khanum Chowk Lahore 0324-8421812	M.T Mineral Water Co. 599-Air line society Khayaban-e-Jinah Lahore
Jami Water	BWJ-94	Lahore	10/05/2016	04/2017	0.6 Liter	A Product of Jami Water Services: Khokhar Chowk, College Road, Township, Lahore 042-35511699	A Product of Jami Water Services: Khokhar Chowk, College Road, Township, Lahore 042-35511699
Aqua safe	BWJ-95	Lahore	0/05/2016	08/2016	0.6 Liter	Al Makkah Pan shop swasal road raiwind Lahore 0345-4870005	Bottled by: Aqua Safe Pakistan (Pvt) Ltd, 96-Mclead Road Lahore, Pakistan 042-37222335
Gourmet	BWJ-96	Lahore	23/05/2016	05/2017	1.5 Liter	Gourme sweet Baker wapda town Goal chakker Lahore 0323-4817064	Gourmet Foods: Gate#1, Plot 1-5, Sunder Industrial Estate, Rawind Sunder Road Lahore, Pakistan
Effort	BWJ-97	Lahore	23/05/2016	05/2017	1.5 Liter	Elahi medical opp service Hospital jail road Lahore 042-35408647	Bottled by: Effort Corporation, 83-A, Shadman II, Lahore Pakistan effort_corp@gmail.com
Siiz cool	BWJ-98	Lahore	24/05/2016	04/2017	1.5 Liter	Pervaiz brother madical store near General Hospital ferozpur Lahore 0321-4544635	A product of Siiz Marketing 1-Bandesha street, near madia hospital sabzazaar colony busan road Lahore 042-35034450
Iman Water	BWJ-99	Lahore	23/05/2016		0.6 Liter	Jholay lal Tuck shop Madina chowk Lari adda Lahore 0311-1774710	imanwater@mail.com 042-35034450
Royal Blue	BWJ-100	Lahore	23/05/2016	05/2017	0.5 Liter	Hamza Medical under pass opp service Hospital Lahore 0342-7714369	IRIS foods (Pvt) Ltd 484-A, Tajpura LDA Scheme

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/ Shop Keeper	Manufacturer's Address
Pure it	BWJ-101	Lahore	23/05/2016	04/2017	0.6 Liter	Pure it water filter 83 ferozpur road Lahore 0306-4583783	Email: info@pureitwater.pk www.pureitpk.com
Aftab Qarshi	BWJ-102	Lahore	10/05/2016	05/2017	0.6 Liter	Nasir Sweet Azian Stop Main raiwind road Lahore	A Product of Aftab Qarshi Herbal Laboratories Mazamil town, 20 km Multan Road, chong, Lahore. 042-37514175-6 www.aftabqarshi.com
NEC	BWJ-103	Lahore	10/05/2016	02/2017	0.6 Liter	Qamar shahzad Game Mart Shershah road Lahore 0333-1879334	119-H Feroz Park Lahore 042-35228845
Sufi water	BWJ-104	Lahore	23/05/2016	05/2018	0.5 Liter	Fazaldine phame plus jail road Lahore opp servise hospital 0300-8486308	Hadayat Foods Stuffs Industries(Pvt)Ltd.1-B Garden Block, Garden Town Lahore
Aab-e-Rahat	BWJ-105	Lahore	23/05/2016	05/2017	0.5 Liter	Shaheen Pharmacy under pass opp service Hospital Lahore 0321-4847603	E-mail: aabe_rahata@yahoo.com 042-37530111
Fresh Life	BWJ-106	Islamabad	30/05/2016	05/2017	0.5 Liter	T&S Enterprises office No.1 main hall road pindoroi road main khana Dak Islamabad Freshlife786@gmail.com	T&S Enterprises office No.1 main hall road pindoroi road main khana Dak Islamabad Freshlife786@gmail.com
White Gold	BWJ-107	Islamabad	30/05/2016	-	0.6 Liter	Global Enterprises: Office 9, 2 nd floor Lord Trade Centre F-11 Markaz Islamabad	Global Enterprises: Office 9, 2 nd floor Lord Trade Centre F-11 Markaz Islamabad
Atlantic	BWJ-108	Islamabad	30/05/2016	05/2017	1.5 Liter	Ayza society Near Yamaha factory sihala industrial Area Islamabad	Ayza society Near Yamaha factory sihala industrial Area Islamabad
Mehr	BWJ-109	Rawalpindi	27/05/2016	12/2016	0.5 Liter	Bottled By: pir MEHR Ali Shah Arid Agriculture University Rawalpindi	Bottled By: pir MEHR Ali Shah Arid Agriculture University Rawalpindi
Maple Dew	BWJ-110	Islamabad	17/05/2016	05/2017	1.5 Liter	Maple Dew Purification Plant sohan Islamabad	Maple Dew Purification Plant sohan Islamabad
Nectar	BWJ-111	Islamabad	17/05/2016	-	0.5 Liter	Islamabad Express near Paradise Complex, Kuri Road Islamabad	Islamabad Express near Paradise Complex, Kuri Road Islamabad

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/ Shop Keeper	Manufacturer's Address
Valley	BWJ-112	Islamabad	17/05/2016	12/2016	1.5 Liter	Plot # 277, St.1, I-9/3 Industrial Area Islamabad	Plot # 277, St.1, I-9/3 Industrial Area Islamabad
Calci Dew	BWJ-113	Rawalpindi	17/05/2016	05/2017	1.5 Liter	House 266-B talsa road lalazar Rawalpindi	Office#20-A Main talsa road lalazar Rawalpindi
Samaa Safe Life	BWJ-114	Islamabad	17/05/2017	-	1.5 Liter	Qutbal Town Khana East Sanam Chowk Lehtar Road Islamabad	Qutbal Town Khana East Sanam Chowk Lehtar Road Islamabad

WATER QUALITY PARAMETERS AND METHODS USED FOR ANALYSIS

Sr. #	PARAMETERS	ANALYTICAL METHOD
1.	Alkalinity (mg/l as CaCO ₃)	2320, Standard method (2005) APHA
2.	Arsenic (ppb)	AAS Vario 6, Analytik Jena AG
3.	Bicarbonate	2320, Standard method (2005) APHA
4.	Calcium (mg/l)	3500-Ca-D, Standard Method (2005) APHA
5.	Carbonate (mg/l)	2320, Standard method (2005)
6.	Chloride (mg/l)	Titration (Silver Nitrate), Standard Method (2005) APHA
7.	Color (TCU)	Sensory Test
8.	Conductivity (μS/cm)	E.C meter, Hach-44600-00, USA
9.	Hardness (mg/l)	EDTA Titration, Standard Method (2005) APHA
10.	Magnesium (mg/l)	2340-C, Standard Method (2005) APHA
11.	Nitrate Nitrogen (mg/l)	Cd. Reduction (Hach-8171) by Spectrophotometer
12.	Odor	Sensory Test
13.	pH	pH Meter, Hanna Instrument, Model 8519, Italy
14.	Potassium (mg/l)	Flame photometer PFP7, UK
15.	Sodium (mg/l)	Flame photometer PFP7, UK
16.	Sulfate (mg/l)	SulfaVer4 (Hach-8051) by Spectrophotometer
17.	Phosphate (mg/l)	8190 and 8048 (Hach)
18.	Taste	Sensory Test
19.	TDS (mg/l)	2540C, Standard method (2005) APHA
20.	Turbidity (NTU)	Turbidity Meter, Lamotte, Model 2008, USA
21.	Fluoride (mg/l)	4500-F C. ion-Selective Electrode Method Standard method (2005) APHA
22.	Iron (mg/l)	FerroVer method (HACH Cat. 21057-69)
23.	Total Coliforms (MPN/100ml)	9221-B,C&D, Standard Methods (2005) APHA
24.	E. Coli (MPN/100ml)	9221-B,C&D, Standard Methods (2005) APHA



WATER QUALITY PERMISSIBLE LIMITS FOR BOTTLED WATER

Sr.#	Parameter	Units	Permissible Limits		
			WHO	IBWA	PSQCA
1.	Alkalinity	(mg/l)	NGVS	NGVS	NGVS
2.	Bicarbonate	(mg/l)	NGVS	NGVS	NGVS
3.	Calcium	(mg/l)	NGVS	NGVS	100
4.	Carbonate	(mg/l)	NGVS	NGVS	NGVS
5.	Chloride	(mg/l)	250	250	250
6.	Co lour	(TCU)	15	NGVS	5
7.	Conductivity	(µS/cm)	NGVS	NGVS	NGVS
8.	Fluoride	(mg/l)	1.5	3	0.7
9.	Hardness	(mg/l)	NGVS	NGVS	NGVS
10	Iron	(mg/l)	0.3	0.3	0.3
11.	Magnesium	(mg/l)	NGVS	NGVS	50
12.	Odor	-	Odorless	NGVS	Unobjectionable
13.	Nitrate-N	(mg/l)	10	10	10
14.	pH	-	6.5-8.5	NGVS	6.5-8.5
15.	Potassium	(mg/l)	NGVS	NGVS	10
16.	Sodium	(mg/l)	200	NGVS	50
17.	Sulfate	(mg/l)	250	250	250
18.	Taste	-	Unobject.	NGVS	Unobjectionable
19.	TDS	(mg/l)	1000	500	500
20.	Turbidity	(NTU)	5	NGVS	0.5
21.	Phosphate	(mg/l)	NGVS	NGVS	NGVS
22.	Arsenic	Ppb	10	10	10
23.	Total Coliforms	MPN/100ml	0	0	0
24.	E-Coli	MPN/100ml	0	0	0

WHO World Health Organization
IBWA International Bottled Water Association
PSQCA Pakistan Standards and Quality Control Authority

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



SUMMARY OF RESULTS OF PCRWR MONITORING

CONTAMINANTS OF POTENTIAL CONCERNS FOUND IN BOTTLED WATER BRANDS

Arsenic: Safe Limit : 10 parts per billion (ppb)

Sr. No	Brand Name	Code	City of Manufacturing	Unit	Results
1.	New Nation	BWJ-09	Lahore	ppb	17
2.	Osam	BWJ-24	-	ppb	50
3.	Well care	BWJ-26	Khanewal	ppb	19
4.	Aqua National	BWJ-78	Lahore	ppb	49
5.	Nation	BWJ-87	Lahore	ppb	18
6.	Naimat	BWJ-91	Lahore	ppb	13
7.	Siiz Cool	BWJ-98	Lahore	ppb	20

Sodium: Safe Limit : 50 parts per million (ppm)

Sr. No	Brand Name	Code	City of Manufacturing	Unit	Results
1.	Aquwa Plus	BWJ-06	Gojra	ppm	62
2.	New Nation	BWJ-09	Lahore	ppm	68
3.	Osam	BWJ-24	-	ppm	61
4.	Well care	BWJ-26	Khanewal	ppm	122
5.	Royal Oasis	BWJ-29	Islamabad	ppm	124
6.	Blue Plus	BWJ-31	Karachi	ppm	72
7.	Livon	BWJ-47	-	ppm	62
8.	Al-Habib	BWJ-49	Karachi	ppm	63
9.	Nation	BWJ-87	Lahore	ppm	63

Potassium : Safe Limit : 10 parts per million (ppm)

Sr. No	Brand Name	Code	City of Manufacturing	Unit	Results
1.	Royal Blue	BWJ-100	IRIS foods (Pvt) Ltd 484-A, Tajpura LDA Scheme Lahore	ppm	12.8

PCRWR TESTING: SAFE BRANDS

Sr. No	Brand Name	Code	Quality (Safe/Unsafe)	
			Chemical	Microbiological
1.	Murree Sparkletts	BWJ-01	Safe	Safe
2.	Khush Aab	BWJ-02	Safe	Safe
3.	HI-Fresh	BWJ-03	Safe	Safe
4.	Infinity	BWJ-04	Safe	Safe
5.	Super Natural	BWJ-05	Safe	Safe
6.	Pure Pani	BWJ-07	Safe	Safe
7.	Elixir	BWJ-08	Safe	Safe
8.	Vina	BWJ-10	Safe	Safe
9.	Is Berg	BWJ-11	Safe	Safe
10.	Rise Water	BWJ-12	Safe	Safe
11.	Eco	BWJ-13	Safe	Safe
12.	Jers	BWJ-14	Safe	Safe
13.	Ice Well	BWJ-15	Safe	Safe

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Sr. No	Brand Name	Code	Quality (Safe/Unsafe)	
			Chemical	Microbiological
14.	Al Shalal	BWJ-16	Safe	Safe
15.	Rescue Water	BWJ-17	Safe	Safe
16.	Coral water	BWJ-18	Safe	Safe
17.	Bake Master	BWJ-19	Safe	Safe
18.	Athar	BWJ-20	Safe	Safe
19.	Punjab pure drinking water	BWJ-21	Safe	Safe
20.	Definet	BWJ-22	Safe	Safe
21.	Reel water	BWJ-23	Safe	Safe
22.	Pure Fresh Water	BWJ-25	Safe	Safe
23.	Pura Light	BWJ-27	Safe	Safe
24.	BERG	BWG-28	Safe	Safe
25.	Vinah	BWJ-30	Safe	Safe
26.	Safe Life	BWJ-32	Safe	Safe
27.	Al-massafi	BWG-33	Safe	Safe
28.	Orion	BWJ-34	Safe	Safe
29.	MR	BWJ-35	Safe	Safe
30.	Deep Spring	BWJ-36	Safe	Safe
31.	Water Plus	BWJ-37	Safe	Safe
32.	Oxygen	BWJ-38	Safe	Safe
33.	Hydra	BWJ-39	Safe	Safe
34.	Deosai	BWJ-40	Safe	Safe
35.	Venora	BWJ-41	Safe	Safe
36.	Ripple	BWJ-42	Safe	Safe
37.	Miracle	BWJ-43	Safe	Safe
38.	Naafey Pure	BWJ-44	Safe	Safe
39.	ARBO	BWJ-45	Safe	Safe
40.	Droplet	BWJ-46	Safe	Safe
41.	Aqua Neel	BWJ-48	Safe	Safe
42.	Aqua Boon	BWJ-50	Safe	Safe
43.	Al-Sahar	BWJ-51	Safe	Safe
44.	Vey	BWJ-52	Safe	Safe
45.	Askari	BWJ-53	Safe	Safe
46.	Aqua Pure alkaline	BWJ-54	Safe	Safe
47.	Blu Water	BWJ-55	Safe	Safe
48.	Kinley	BWJ-56	Safe	Safe
49.	N.N Water	BWJ-57	Safe	Safe
50.	Nestle Pure Life	BWJ-58	Safe	Safe
51.	Pine'o	BWJ-59	Safe	Safe
52.	Piyass	BWJ-60	Safe	Safe
53.	Aqua fina	BWJ-61	Safe	Safe
54.	Aqua Classic	BWJ-62	Safe	Safe
55.	Aqua Hygienic	BWJ-63	Safe	Safe
56.	Drop Ice	BWJ-64	Safe	Safe
57.	Hi pure	BWJ-65	Safe	Safe
58.	Sav Life	BWJ-66	Safe	Safe
59.	YAS	BWJ-67	Safe	Safe
60.	Natural Aqwah	BWJ-68	Safe	Safe

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Sr. No	Brand Name	Code	Quality (Safe/Unsafe)	
			Chemical	Microbiological
61.	Aqua Splash	BWJ-69	Safe	Safe
62.	Nebraska	BWJ-70	Safe	Safe
63.	Aquatic Fresh	BWJ-71	Safe	Safe
64.	Moya Mineral water	BWJ-72	Safe	Safe
65.	Pearl	BWJ-73	Safe	Safe
66.	AFRA	BWJ-74	Safe	Safe
67.	Pak Life	BWJ-75	Safe	Safe
68.	Noble	BWJ-76	Safe	Safe
69.	Crystal springs	BWG-77	Safe	Safe
70.	Q2 plus	BWJ-79	Safe	Safe
71.	Doce water	BWJ-80	Safe	Safe
72.	Aqua Gen	BWJ-81	Safe	Safe
73.	Aqua Lite Water	BWJ-82	Safe	Safe
74.	Butt Water	BWJ-83	Safe	Safe
75.	Krisko Water	BWJ-84	Safe	Safe
76.	Bling	BWJ-85	Safe	Safe
77.	Deep rock water	BWJ-86	Safe	Safe
78.	KLINZ Water	BWJ-88	Safe	Safe
79.	DURA Pure Life	BWJ-89	Safe	Safe
80.	Aab-e-Khoob	BWJ-90	Safe	Safe
81.	Dewan Water Express	BWJ-92	Safe	Safe
82.	Cool Pure	BWJ-93	Safe	Safe
83.	Jami Water	BWJ-94	Safe	Safe
84.	Aqua safe	BWJ-95	Safe	Safe
85.	Gourmet	BWJ-96	Safe	Safe
86.	Effort	BWJ-97	Safe	Safe
87.	Iman Water	BWJ-99	Safe	Safe
88.	Pure it	BWJ-101	Safe	Safe
89.	Aftab Qarshi	BWJ-102	Safe	Safe
90.	NEC	BWJ-103	Safe	Safe
91.	Sufi water	BWJ-104	Safe	Safe
92.	Aab-e-Rahat	BWJ-105	Safe	Safe
93.	Fresh Life	BWJ-106	Safe	Safe
94.	White Gold	BWJ-107	Safe	Safe
95.	Atlantic	BWJ-108	Safe	Safe
96.	Mehr	BWJ-109	Safe	Safe
97.	Maple Dew	BWJ-110	Safe	Safe
98.	Nectar	BWJ-111	Safe	Safe
99.	Valley	BWJ-112	Safe	Safe
100.	Calci Dew	BWJ-113	Safe	Safe
101.	Samaa Safe Life	BWG-114	Safe	Safe

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



PCRWR TESTING: UNSAFE BRANDS

Sr. No	Brand Name	Code	Address/ Manufacturer	Quality (Safe/Unsafe)	
				Chemical	Microbiological
1.	Aquwa Plus	BWJ-06	A.R Traders Gojra Pakistan Email:-aquwaplus@yahoo.com	Unsafe	Safe
2.	New Nation	BWJ-09	Ramez Enterprises 9-km.G.T.road Rachna Town Shahdra Lahore	Unsafe	Safe
3.	Osam	BWJ-24	Manufactured By Osam International (Pvt) Ltd. E-mail:-osam20043@gmail.com	Unsafe	Safe
4.	Well care	BWJ-26	Manufactured by: Well care International (Pvt.) Ltd Khanewal ., wellcare1222@gmail.com 061- 6353126	Unsafe	Safe
5.	Royal Oasis	BWJ-29	M&S food Beverages(Pvt)Ltd Islamabad www.royaltaffany.com	Unsafe	Safe
6.	Blue Plus	BWJ-31	Q.N Traders Site Karachi	Unsafe	Safe
7.	Livon	BWJ-47	Presented By: HANS Traders	Unsafe	Safe
8.	Al-Habib	BWJ-49	E-10 Al-Azam Square FB Area, Block 1, Karachi EMail:al-habib@cyber.net.pk	Unsafe	Safe
9.	Aqua National	BWJ-78	Bottled by: MILLI Brothers, 8-Km, G.T Road, Shahdara Lahore	Unsafe	Safe
10.	Nation	BWJ-87	9-Km G.T Road Rachna Town Shahdra Lahore	Unsafe	Safe
11.	Naimat	BWJ-91	A produced By Water World Boby Plaza : Opp Govt.munshi hospital ring road Lahore 042-37150190waterworld.com.pk	Unsafe	Safe
12.	Siiz Cool	BWJ-98	A product of Siiz Marketing 1- Bandesha street, near madia hospital sabzazaar colony busan Road Lahore 042-35034450	Unsafe	Safe
13.	Royal Blue	BWJ-100	IRIS foods (Pvt) Ltd 484-A, Tajpura LDA Scheme Lahore	Unsafe	Safe

MARKET CONSISTENCY IN TWO NEIGHBORING QUARTERS

Sr. No	Consistent Brands	New Brands	Unavailable Brands
1.	Murree Sparkletts	Aqua Plus	Splash
2.	Khush Aab	Pure pani	Zim
3.	HI-Fresh	Flixer	Fresh Natural
4.	Infinity	Rescue Water	Pak Aqua
5.	Super Natural	Athar	As pure Life
6.	New Nation	Punjab Pure Drinking water	Bright Water
7.	Vina	Definet	Unique Water
8.	Isberg	Osam	HFC
9.	Rise Water	Fresh water	Total
10.	Eco	BERG	NG Fresh water
11.	Jers	Royal Oasis	OSIO
12.	Ice Well	Blue Plus	New Everest
13.	Al Shalal	Safe Life	Sunlay
14.	Coral water	MR	Blu Plus
15.	Bake Master	Oxygen	Zindagi
16.	Real water	Ripple	Marbella
17.	Well care	Miracle	Crystal Maya

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



18.	Pure Light	Naafey Pure	Simply Pure
19.	Vinah	Arbo	Aqua Water
20.	Al-massafi	Droplet	Silver
21.	Orion	Aqua Neel	DAM
22.	Deep Spring	Aqua Boom	Aaab-e-Sehat
23.	Water Plus	Vey	Aqua Arabia
24.	Hydra	Askari	Batina Pure
25.	Deosai	Aqua Pure alkaline	Onega
26.	Venora	Hi Pure	Aqua 7
27.	Livon	Sav Life	Aab E Sehar
28.	Al-Habib	Crystal springs	Desert Dew
29.	Al-sahar	Q2 plus	New Deep
30.	Blu Water	Aqua life water	New Classic
31.	Kinley	Bling	Lite Aqua
32.	N.N Water	Deep rock water	Aqua Smart
33.	Nestle Pure Life	Nation	Avalon Pure Water
34.	Pineo	Klinz Al Fatah	Freshely
35.	Piyass	Dura Pure Life	Ziran
36.	Aqua fina	Aab-e-Khoob	New Smart Aqua
37.	Aqua Classic	Naimat	Minter
38.	Aqua Hygienic	Dewan Water express	Aiza
39.	Drop Ice	Siiz cool	Pak Natural
40.	Yas	Iman	Aab-e-Khoob
41.	Natural Aqwah water	NEC	Pacific Pure
42.	Aqua Spalash	Sufi	Mazan Pure
43.	Nebraska	Aab-e-Rahat	Fresh Way
44.	Aquatic fresh	Atlantic	Mashmoom Aqua
45.	Moya mineral water	Maple Dew	
46.	Pearl	Calci Dew	
47.	Afra	Samaa Safe Life	
48.	Pak Life		
49.	Noble		
50.	National Aqua		
51.	Doce		
52.	Aqua Gen		
53.	But water fresh		
54.	Krisco		
55.	Cool Pure		
56.	Jami Water		
57.	Aqua safe		
58.	Gourmet		
59.	Effort		
60.	Royal Blue		
61.	Pure it		
62.	Aftab Qarshi		
63.	Fresh Life		
64.	White Gold		
65.	Mehr		
66.	Nectar		
67.	Valley		



DISEASE POTENTIAL FROM CONTAMINATED BOTTLED WATER

Sr. No	Contaminant	Diseases Impacts
1.	Bacteriological Contamination	Cholera, Diarrhea, Dysentery, Hepatitis, Typhoid
2.	Arsenic	Cancer (lungs, bladder, skin, prostate, kidney, nose and liver), diabetes kidney diseases, hypertension, heart diseases, birth defects, black foot diseases.
3.	Sodium	Hypertension

CONCLUSIONS

Sr. No	Item	Conclusion	
		No.	% age
1.	Total No. of Brands Collected	114	-
2.	Overall safe brands	101	89
3.	No. of overall unsafe brands	13	11
4.	No. of Chemically safe brands	101	89
5.	No. of Chemically unsafe brands	13	11
6.	No. of Microbiologically safe brands	114	100
7.	No. of Microbiologically unsafe brands	0	0
8.	No. of Consistent brands in Market	67	59
9.	No. of brands disappeared from market	44	39
10.	No. of new brands	47	41

Detailed water quality status of each bottled water brand is available at **Annexure-1**



Annexure-1

Chemical and Microbiological Quality of Bottled/Mineral Water Brands

Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	PO ₄	Fe	K	NO ₃	SO ₄	CO ₃	As	* Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	NGVS	0.3	10	10	250	NGVS	10	Total Coliform 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.03	0.2	0.06	0.4		0.1	-	-
Units	-	NTU		μS/cm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Ppm	ppm		ppb	MPN /100ml	MPN /100ml
Murree Sparkletts	BWJ-01	BDL	8.23	367	202	40	12	150	150	10	15	0.08	BDL	BDL	1.2	BDL	19	BDL	0.9	Nil	Nil
Khush Aab	BWJ-02	BDL	8.25	247	136	24	10	100	40	48	15	BDL	BDL	BDL	0.3	BDL	19	BDL	1	Nil	Nil
Hi-Fresh	BWJ-03	BDL	7.67	212	117	BDL	11	45	40	24	28	BDL	BDL	BDL	0.2	1	32	BDL	0.8	Nil	Nil
Infinity	BWJ-04	BDL	7.85	354	195	36	7	150	75	48	25	BDL	BDL	BDL	0.6	2	10	BDL	BDL	Nil	Nil
Super Natural	BWJ-05	BDL	7.30	175	96	BDL	4	15	35	20	32	BDL	BDL	BDL	1.2	0.46	24	BDL	BDL	Nil	Nil
Aquwa Plus	BWJ-06	BDL	7.06	343	189	BDL	10	40	65	53	62	BDL	BDL	BDL	3.6	BDL	30	BDL	1	Nil	Nil
Pure Pani	BWJ-07	BDL	7.60	352	194	28	15	130	100	25	18	BDL	BDL	BDL	3.4	BDL	25	BDL	0.9	Nil	Nil
Elixir	BWJ-08	BDL	7.27	330	181	16	12	90	40	55	37	BDL	BDL	BDL	0.6	BDL	40	BDL	1.2	Nil	Nil
New Nation	BWJ-09	BDL	8.42	483	266	20	17	120	180	20	68	0.11	BDL	BDL	2.8	BDL	42	BDL	17	Nil	Nil
Vina	BWJ-10	BDL	7.49	305	168	36	5	110	50	60	17	BDL	BDL	BDL	0.5	BDL	26	BDL	BDL	Nil	Nil
Is Berg	BWJ-11	BDL	7.62	321	177	20	12	100	60	60	22	BDL	BDL	BDL	0.6	BDL	17	BDL	0.51	Nil	Nil
Rise Water	BWJ-12	BDL	7.71	155	85	18	3	56	60	10	16	BDL	BDL	BDL	0.4	BDL	17	BDL	1	Nil	Nil
Eco	BWJ-13	BDL	8.34	406	223	36	13	110	110	50	50	BDL	BDL	BDL	0.8	BDL	33	5	1	Nil	Nil
Jers	BWJ-14	BDL	8.10	360	198	32	17	150	55	72	19	BDL	BDL	BDL	0.6	BDL	26	BDL	2	Nil	Nil
Ice Well	BWJ-15	BDL	7.89	352	194	28	12	120	55	52	26	BDL	BDL	BDL	0.4	BDL	32	BDL	2	Nil	Nil

The highlighted results indicate the concentration level beyond the PSQCA Bottled Water Standards.

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Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	PO ₄	Fe	K	NO ₃	SO ₄	CO ₃	As	* Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	NGVS	0.3	10	10	250	NGVS	10	Total Coliform 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.03	0.2	0.06	0.4		0.1	-	-
Units	-	NTU		μS/cm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Ppm	ppm		ppb	MPN /100ml	MPN /100ml
Al Shalal	BWJ-16	BDL	8.45	423	233	2-0	34	190	220	10	21	0.01	BDL	BDL	5.2	BDL	BDL	20	BDL	Nil	Nil
Rescue Water	BWJ-17	BDL	8.19	434	239	24	17	130	100	50	39	BDL	BDL	BDL	0.9	BDL	31	BDL	2	Nil	Nil
Coral water	BWJ-18	BDL	7.70	380	209	24	22	150	55	60	17	BDL	BDL	BDL	0.2	BDL	33	BDL	0.9	Nil	Nil
Bake Master	BWJ-19	BDL	7.95	356	196	24	17	130	65	40	21	0.02	BDL	BDL	0.9	BDL	39	BDL	1	Nil	Nil
Athar	BWJ-20	BDL	8.38	505	278	20	36	200	255	12	47	0.18	BDL	BDL	5.2	BDL	9	25	0.9	Nil	Nil
Punjab pure drinking water	BWJ-21	BDL	6.91	370	204	16	19	120	65	60	24	BDL	BDL	BDL	BDL	BDL	31	BDL	1	Nil	Nil
Definet	BWJ-22	BDL	7.30	377	207	36	10	130	35	72	17	BDL	BDL	BDL	0.4	BDL	20	BDL	1	Nil	Nil
Reel water	BWJ-23	BDL	7.44	421	232	28	24	170	65	74	19	BDL	BDL	BDL	BDL	BDL	25	BDL	0.9	Nil	Nil
Osam	BWJ-24	BDL	7.74	381	210	28	2	80	160	12	61	0.16	BDL	BDL	4.1	BDL	22	BDL	50	Nil	Nil
Pure Fresh Water	BWJ-25	BDL	7.23	301	166	20	12	100	50	48	22	BDL	BDL	BDL	0.6	BDL	28	BDL	2.4	Nil	Nil
Well care	BWJ-26	BDL	7.82	760	418	24	24	160	210	90	122	0.09	BDL	BDL	4.4	BDL	65	BDL	19	Nil	Nil
Pura Light	BWJ-27	BDL	7.22	328	180	20	7	80	45	65	37	BDL	BDL	BDL	0.9	BDL	22	BDL	4	Nil	Nil
BERG	BWG-28	BDL	7.58	401	210	21	23	140	68	59	22	BDL	BDL	BDL	0.6	BDL	22	BDL	BDL	Nil	Nil
Royal Oasis	BWJ-29	BDL	8.00	781	430	BDL	44	180	250	26	124	0.15	BDL	BDL	5.8	BDL	164	BDL	10	Nil	Nil
Vinah	BWJ-30	BDL	7.28	289	159	24	12	110	40	60	16	BDL	BDL	BDL	0.8	1	20	BDL	BDL	Nil	Nil
Blue Plus	BWJ-31	BDL	7.37	462	254	20	5	70	75	96	72	BDL	BDL	BDL	5.5	1.5	15	BDL	BDL	Nil	Nil

The highlighted results indicate the concentration level beyond the PSQCA Bottled Water Standards.

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Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	PO ₄	Fe	K	NO ₃	SO ₄	CO ₃	As	* Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	NGVS	0.3	10	10	250	NGVS	10	Total Coliform 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.03	0.2	0.06	0.4		0.1	-	-
Units	-	NTU		µS/cm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Ppm	ppm		ppb	MPN /100ml	MPN /100ml
Safe Life	BWJ-32	BDL	7.33	296	163	20	10	90	20	74	23	BDL	BDL	BDL	5.2	BDL	25	BDL	1	Nil	Nil
Al-massafi	BWG-33	BDL	7.75	245	135	BDL	10	40	40	42	36	BDL	BDL	BDL	2.3	2	18	BDL	BDL	Nil	Nil
Orion	BWJ-34	BDL	7.22	265	146	BDL	10	40	20	60	46	BDL	BDL	BDL	0.8	BDL	26	BDL	2.16	Nil	Nil
MR	BWJ-35	BDL	7.54	370	204	BDL	13	55	40	60	48	BDL	BDL	BDL	1	BDL	26	BDL	BDL	Nil	Nil
Deep Spring	BWJ-36	BDL	6.82	316	174	36	7	120	120	20	21	0.16	BDL	BDL	1.2	1.5	19	BDL	2.1	Nil	Nil
Water Plus	BWJ-37	BDL	7.43	443	244	44	12	160	160	25	24	0.13	BDL	BDL	0.9	1.5	30	BDL	BDL	Nil	Nil
Oxygen	BWJ-38	BDL	7.80	380	209	32	5	100	100	28	40	BDL	BDL	BDL	0.3	BDL	32	BDL	1.5	Nil	Nil
Hydra	BWJ-39	BDL	7.53	449	247	36	17	160	180	20	35	0.03	BDL	BDL	0.9	1.3	25	BDL	BDL	Nil	Nil
Deosai	BWJ-40	BDL	6.85	367	202	24	17	130	120	24	23	0.16	BDL	BDL	0.3	0.7	27	BDL	2	Nil	Nil
Venora	BWJ-41	BDL	7.83	282	155	28	10	110	100	16	13	0.09	BDL	BDL	0.8	1	21	BDL	BDL	Nil	Nil
Ripple	BWJ-42	BDL	7.18	410	226	20	32	180	45	88	8	BDL	BDL	BDL	1.3	BDL	30	BDL	3.5	Nil	Nil
Miracle	BWJ-43	BDL	7.63	380	209	16	10	80	75	50	45	BDL	BDL	BDL	8.4	BDL	25	BDL	1.2	Nil	Nil
Naafey Pure	BWJ-44	BDL	6.76	290	160	20	10	90	30	72	25	BDL	BDL	BDL	1.8	BDL	20	BDL	2.5	Nil	Nil
ARBO	BWJ-45	BDL	7.05	362	199	16	10	80	50	82	48	0.03	BDL	BDL	1.8	BDL	21	BDL	3	Nil	Nil
Droplet	BWJ-46	BDL	7.22	285	157	28	7	100	40	55	18	0.17	BDL	BDL	1	BDL	20	BDL	BDL	Nil	Nil
Livon	BWJ-47	BDL	7.01	348	209	BDL	11	40	30	72	62	0.11	BDL	BDL	0.6	1.5	23	BDL	4	Nil	Nil
Aqua Neel	BWJ-48	BDL	8.13	360	198	24	15	120	40	72	26	0.03	BDL	BDL	0.9	1	37	BDL	1	Nil	Nil
Al-Habib	BWJ-49	BDL	8.15	510	281	24	17	130	150	55	63	BDL	BDL	BDL	3.3	0.7	39	BDL	2	Nil	Nil
Aqua Boon	BWJ-50	BDL	8.03	365	201	BDL	32	130	50	80	22	BDL	BDL	BDL	3.3	0.5	19	BDL	0.9	Nil	Nil
Al-Sahar	BWJ-51	BDL	7.86	420	231	20	22	140	60	82	29	BDL	BDL	BDL	4.8	BDL	27	BDL	BDL	Nil	Nil

The highlighted results indicate the concentration level beyond the PSQCA Bottled Water Standards.

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Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	PO ₄	Fe	K	NO ₃	SO ₄	CO ₃	As	* Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	NGVS	0.3	10	10	250	NGVS	10	Total Coliform 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.03	0.2	0.06	0.4		0.1	-	-
Units	-	NTU		µS/cm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Ppm	ppm		ppb	MPN /100ml	MPN /100ml
Vey	BWJ-52	BDL	7.30	299	164	28	12	120	60	38	8	BDL	BDL	BDL	8.9	BDL	31	BDL	2.5	Nil	Nil
Askari	BWJ-53	BDL	7.61	363	164	36	7	120	40	48	15	BDL	BDL	BDL	2.1	1	27	BDL	BDL	Nil	Nil
Aqua Pure alkaline	BWJ-54	BDL	7.69	146	80	12	2	40	30	20	19	BDL	BDL	BDL	0.7	BDL	18	BDL	0.9	Nil	Nil
Blu Water	BWJ-55	BDL	7.55	360	198	36	12	140	40	66	15	BDL	BDL	BDL	0.5	BDL	37	BDL	1	Nil	Nil
Kinley	BWJ-56	BDL	7.25	525	315	44	12	160	35	127	33	BDL	BDL	BDL	2.4	BDL	29	BDL	BDL	Nil	Nil
N.N Water	BWJ-57	BDL	7.67	359	197	28	7	100	100	46	38	BDL	BDL	BDL	0.4	BDL	19	BDL	2.1	Nil	Nil
Nestle Pure Life	BWJ-58	BDL	7.45	445	245	56	7	170	60	82	17	0.04	BDL	BDL	0.2	BDL	25	BDL	BDL	Nil	Nil
Pine'o	BWJ-59	BDL	8.09	397	218	44	7	140	45	86	23	BDL	BDL	BDL	0.3	BDL	26	BDL	2	Nil	Nil
Piyass	BWJ-60	BDL	7.83	467	297	44	7	140	100	72	41	BDL	BDL	BDL	1.4	BDL	28	BDL	7.5	Nil	Nil
Aqua fina	BWJ-61	BDL	7.21	214	118	BDL	15	60	35	25	19	BDL	BDL	BDL	1.2	BDL	30	BDL	BDL	Nil	Nil
Aqua Classic	BWJ-62	BDL	7.92	330	182	36	7	120	65	48	19	0.27	BDL	BDL	0.6	BDL	25	BDL	BDL	Nil	Nil
Aqua Hygienic	BWJ-63	BDL	7.31	770	149	24	6	85	60	52	23	BDL	BDL	BDL	0.2	BDL	BDL	BDL	BDL	Nil	Nil
Drop Ice	BWJ-64	BDL	7.75	580	319	40	22	190	170	42	48	BDL	BDL	BDL	1.6	4	38	BDL	BDL	Nil	Nil
Hi pure	BWJ-65	BDL	7.36	376	207	36	7	120	95	30	18	0.23	BDL	BDL	3.3	BDL	29	BDL	BDL	Nil	Nil
Sav Life	BWJ-66	BDL	7.06	347	191	28	10	110	70	52	27	0.07	BDL	BDL	1.5	BDL	25	BDL	BDL	Nil	Nil
YAS	BWJ-67	BDL	6.54	380	209	50	4	140	90	50	24	BDL	BDL	BDL	0.6	1	27	BDL	BDL	Nil	Nil
Natural Aqwah	BWJ-68	BDL	7.68	395	217	40	10	140	90	55	29	0.05	BDL	BDL	0.5	BDL	18	BDL	BDL	Nil	Nil

The highlighted results indicate the concentration level beyond the PSQCA Bottled Water Standards.

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Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	PO ₄	Fe	K	NO ₃	SO ₄	CO ₃	As	* Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	NGVS	0.3	10	10	250	NGVS	10	Total Coliform 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.03	0.2	0.06	0.4		0.1	-	-
Units	-	NTU		μS/cm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Ppm	ppm		ppb	MPN /100ml	MPN /100ml
Aqua Splash	BWJ-69	BDL	7.56	365	201	36	10	130	70	60	23	0.10	BDL	BDL	1.4	2	26	BDL	BDL	Nil	Nil
Nebraska	BWJ-70	BDL	7.46	410	226	44	15	170	50	72	10	BDL	BDL	BDL	0.4	BDL	18	BDL	BDL	Nil	Nil
Aquatic Fresh	BWJ-71	BDL	7.96	605	333	60	24	250	220	45	22	0.31	BDL	BDL	2.8	4.8	23	BDL	0.8	Nil	Nil
Moya Mineral water	BWJ-72	BDL	7.15	262	144	32	7	110	70	24	11	0.10	BDL	BDL	1.1	1.5	18	BDL	1.3	Nil	Nil
Pearl	BWJ-73	BDL	7.53	381	210	48	10	160	45	80	10	BDL	BDL	BDL	4.3	BDL	24	BDL	1.2	Nil	Nil
AFRA	BWJ-74	BDL	7.18	374	206	32	10	120	65	72	26	0.17	BDL	BDL	5.1	BDL	15	BDL	BDL	Nil	Nil
Pak Life	BWJ-75	BDL	7.30	370	204	44	5	130	50	72	25	0.08	BDL	BDL	5.3	BDL	25	BDL	1.2	Nil	Nil
Noble	BWJ-76	BDL	7.39	371	204	36	5	110	50	68	25	0.11	BDL	BDL	5.1	BDL	18	BDL	0.1	Nil	Nil
Crystal Springs	BWJ-77	BDL	7.53	348	191	36	5	110	60	48	25	0.06	BDL	BDL	4.3	BDL	33	BDL	0.5	Nil	Nil
Aqua National	BWJ-78	BDL	7.18	545	300	68	10	210	170	48	18	0.27	BDL	BDL	2.7	BDL	25	BDL	49	Nil	Nil
Q2 plus	BWJ-79	BDL	7.30	292	161	BDL	8	50	90	24	48	0.07	BDL	BDL	0.3	BDL	30	BDL	1	Nil	Nil
Doce water	BWJ-80	BDL	7.39	325	179	24	12	110	50	55	18	BDL	BDL	BDL	0.3	BDL	30	BDL	BDL	Nil	Nil
Aqua Gen	BWJ-81	BDL	7.53	430	237	40	7	130	75	70	30	0.04	BDL	BDL	BDL	BDL	32	BDL	0.8	Nil	Nil
Aqua Lite Water	BWJ-82	BDL	7.38	357	196	28	5	90	80	36	37	0.03	BDL	BDL	0.3	BDL	35	BDL	1	Nil	Nil
Butt Water	BWJ-83	BDL	7.02	575	316	76	7	220	40	130	15	0.23	BDL	BDL	0.3	BDL	40	BDL	1	Nil	Nil

The highlighted results indicate the concentration level beyond the PSQCA Bottled Water Standards.

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PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	PO ₄	Fe	K	NO ₃	SO ₄	CO ₃	As	* Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	NGVS	0.3	10	10	250	NGVS	10	Total Coliform 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.03	0.2	0.06	0.4		0.1	-	-
Units	-	NTU		μS/cm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Ppm	ppm		ppb	MPN /100ml	MPN /100ml
Krisko Water	BWJ-84	BDL	7.12	370	204	40	12	150	30	72	16	0.17	BDL	BDL	0.3	0.2	39	BDL	0.8	Nil	Nil
Bling	BWJ-85	BDL	7.16	416	229	32	12	130	100	60	37	BDL	BDL	BDL	BDL	BDL	29	BDL	1	Nil	Nil
Deep rock water	BWJ-86	BDL	6.65	410	226	32	12	130	50	90	20	0.06	BDL	BDL	0.9	BDL	11	BDL	0.5	Nil	Nil
Nation	BWJ-87	BDL	7.88	489	269	32	7	110	190	24	63	0.06	BDL	BDL	2.4	BDL	31	BDL	18	Nil	Nil
KLINZ Water	BWJ-88	BDL	7.14	335	184	32	12	130	65	60	17	0.26	BDL	BDL	0.4	BDL	25	BDL	5	Nil	Nil
DURA Pure Life	BWJ-89	BDL	7.19	310	171	28	5	90	60	48	28	0.16	BDL	BDL	0.4	BDL	28	BDL	0.9	Nil	Nil
Aab-e-Khoob	BWJ-90	BDL	7.97	505	178	32	12	130	110	72	48	0.09	BDL	BDL	1	BDL	40	BDL	BDL	Nil	Nil
Naimat	BWJ-91	BDL	7.35	340	187	20	10	90	70	65	32	BDL	BDL	BDL	0.6	BDL	15	BDL	13	Nil	Nil
Dewan Water Express	BWJ-92	BDL	7.65	349	192	40	7	130	70	54	19	0.05	BDL	BDL	0.2	BDL	30	BDL	3	Nil	Nil
Cool Pure	BWJ-93	BDL	7.44	324	178	32	10	120	65	60	23	0.18	BDL	BDL	0.4	BDL	25	BDL	1	Nil	Nil
Jami Water	BWJ-94	BDL	7.03	368	202	36	5	110	95	48	39	BDL	BDL	BDL	0.8	0.75	18	BDL	0.9	Nil	Nil
Aqua safe	BWJ-95	BDL	7.38	415	228	28	12	120	100	40	39	0.16	BDL	BDL	1.7	BDL	45	BDL	5	Nil	Nil
Gourmet	BWJ-96	BDL	7.41	417	229	36	12	210	50	82	23	0.10	BDL	BDL	BDL	BDL	27	BDL	BDL	Nil	Nil
Effort	BWJ-97	BDL	7.27	423	233	28	27	180	80	72	18	BDL	BDL	BDL	1	BDL	40	BDL	3	Nil	Nil
Siiz cool	BWJ-98	BDL	7.56	333	183	24	10	100	130	20	37	0.06	BDL	BDL	2.4	BDL	26	BDL	20	Nil	Nil

The highlighted results indicate the concentration level beyond the PSQCA Bottled Water Standards.

April-June, 2016

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	PO ₄	Fe	K	NO ₃	SO ₄	CO ₃	As	* Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	NGVS	0.3	10	10	250	NGVS	10	Total Coliform 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.03	0.2	0.06	0.4		0.1	-	-
Units	-	NTU		μS/cm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Ppm	ppm		ppb	MPN /100ml	MPN /100ml
Iman Water	BWJ-99	BDL	7.65	360	198	20	19	130	90	45	22	0.13	BDL	BDL	BDL	BDL	32	BDL	0.9	Nil	Nil
Royal Blue	BWJ-100	BDL	7.71	357	196	28	10	110	150	20	42	0.12	BDL	BDL	13	BDL	19	BDL	10	Nil	Nil
Pure it	BWJ-101	BDL	7.17	401	221	48	10	160	70	68	23	0.07	BDL	BDL	0.4	BDL	34	BDL	1	Nil	Nil
Aftab Qarshi	BWJ-102	BDL	7.25	310	171	48	5	140	40	72	5	0.12	BDL	BDL	0.2	BDL	19	BDL	2	Nil	Nil
NEC	BWJ-103	BDL	7.60	232	128	16	5	60	75	22	32	0.10	BDL	BDL	0.9	BDL	24	BDL	3	Nil	Nil
Sufi water	BWJ-104	BDL	7.35	358	197	52	5	150	60	60	30	0.05	BDL	BDL	0.2	BDL	26	BDL	0.5	Nil	Nil
Aab-e-Rahat	BWJ-105	BDL	6.80	210	116	24	7	90	30	40	11	0.13	BDL	BDL	0.2	BDL	20	BDL	0.7	Nil	Nil
Fresh Life	BWJ-106	BDL	7.25	385	212	52	10	170	160	16	11	0.16	BDL	BDL	1.2	0.2	20	BDL	1.7	Nil	Nil
White Gold	BWJ-107	BDL	7.70	305	168	32	2	90	70	42	31	0.04	BDL	BDL	0.6	2	24	BDL	1.5	Nil	Nil
Atlantic	BWJ-108	BDL	7.17	383	211	36	22	180	170	12	11	0.19	BDL	BDL	1.2	0.2	26	BDL	2.5	Nil	Nil
Mehr	BWJ-109	BDL	6.85	334	184	36	7	120	130	12	26	0.33	BDL	BDL	0.8	1.2	24	BDL	BDL	Nil	Nil
Maple Dew	BWJ-110	BDL	6.5	315	173	36	12	140	130	24	12	0.12	BDL	BDL	0.7	0.8	10	BDL	3.1	Nil	Nil
Nectar	BWJ-111	BDL	7.16	448	246	36	10	180	165	24	19	0.14	BDL	BDL	1.3	4.1	35	BDL	BDL	Nil	Nil
Valley	BWJ-112	BDL	7.82	277	152	44	7	140	100	12	4	0.27	BDL	BDL	0.7	1	35	BDL	1.5	Nil	Nil
Calci Dew	BWJ-113	BDL	7.02	325	179	24	19	140	130	26	14	0.18	BDL	BDL	0.7	1.5	6	BDL	2.6	Nil	Nil
Samaa Safe Life	BWJ-114	BDL	7.09	390	215	44	10	150	130	36	16	0.12	BDL	BDL	0.8	0.8	12	BDL	3	Nil	Nil

NGVS =No Guideline Value Set-

BDL = Below Detection Limits-

* Microbiological results have also been verified by IDEXX (Quanti-Tray/2000 USA) and Membrane Filtration (CFU/100ml, 9222-B&D APHA) Methods.

The highlighted results indicate the concentration level beyond the PSQCA Bottled Water Standards.

April-June, 2016