



GLOBAL ENVIRONMENTAL LAB

CERTIFIED LABORATORY FROM EPA PUNJAB

Doc No: GEL/01/10
Page 2 of 2
Rev: 01/10/11
Page 1 of 1

AMBIENT AIR QUALITY MONITORING REPORT

Report reference No: A/30654
Name of Customer: Engineering Consultancy Services Punjab (Pvt.) Ltd.
Address: 83 A/E-1, Main Boulevard, Gulberg III, Lahore, Pakistan.
Project Name: Transfer Station at Thokar Niaz Bag, LWMCO, Lahore.
Monitoring Location: Kharband Road.
Date of Monitoring: 06.08.2015
Date of Completion of Analysis: 12.08.2015

Dated: 12.08.2015

S.No.	Time Weighted Average	Carbon monoxide	Sulphur dioxide (SO ₂)	Nitrogen dioxide (NO ₂)	Particulate Matter (PM ₁₀)
		mg/m ³	µg/m ³	µg/m ³	µg/m ³
1	24 Hr	2.50	32.48	52.40	70.6
NEQS for Ambient Air		10	120	80	150
Equipment Used		Haz Scanner HIM 6000 Air Quality Monitoring Station			

NEQS: National Environmental Quality Standards for Ambient Air Effective from 1st January 2013

This report is not valid for any negotiation.

1 Sample Analyzed by:

Faiz
Asif Iqbal
Analyst

2 Checked/Verified by:

Asif Iqbal
Asif Iqbal

3 Signature of In-charge of the Analytical Laboratory:

Ghassan
Name: Ghassan
Designation: Manager
Date: 12.08.2015

END OF THE REPORT



GLOBAL ENVIRONMENTAL LAB

CERTIFIED LABORATORY FROM EPA PUNJAB

GLOBAL ENVIRONMENTAL LAB
LAHORE
PUNJAB
PAKISTAN
PAGE 1 OF 1

AMBIENT AIR QUALITY MONITORING REPORT

Report reference No: A/30655
Name of Customer: Engineering Consultancy Services Punjab (Pvt.) Ltd.
Address: 83 A/E-1, Main Boulevard, Gulberg III, Lahore, Pakistan
Project Name: Transfer Station at Thikar Naz Bag, LWMC, Lahore
Monitoring Location: Project Site
Date of Monitoring: 06.08.2015
Date of Completion of Analysis: 12.08.2015

Dated: 12.08.2015

S.No.	Time Weighted Average	Carbon monoxide	Sulphur dioxide (SO ₂)	Nitrogen dioxide (NO ₂)	Particulate Matter (PM ₁₀)
		mgm ³	µgm ³	µgm ³	µgm ³
1	24 Hr	1.25	22.40	36.80	56.8
NEQS for Ambient Air		10	120	80	150
Equipment Used		Haz Scanner HIM 6000 Air Quality Monitoring Station			

NEQS: National Environmental Quality Standards for Ambient Air Effective from 1st January 2013

This report is not valid for any registration.

1 Sample Analyzed by Ukhan Sarda
Analysis

2 Checked/Verified by M. Asif Iqbal
Chief Analyst

3 Signature of incharge of laboratory:

Name: Ghyanuddin
Designation: Manager
Date: 12.08.2015

END OF THE REPORT



GLOBAL ENVIRONMENTAL LAB

CERTIFIED LABORATORY FROM EPA PUNJAB

Doc# GEL/AMB/15/11
12/08/2015
12/08/2015
PAGE 1 OF 1

AMBIENT AIR QUALITY MONITORING REPORT

Report reference No: A/00656
 Name of Customer: Engineering Consultancy Services Punjab (Pvt.) Ltd.
 Address: 83 A/E-1, Main Boulevard, Gulberg III, Lahore, Pakistan.
 Project Name: Transfer Station at Thokar Niaz Baig, LWMC, Lahore.
 Monitoring Location: Mai da Tibha
 Date of Monitoring: 06.08.2015
 Date of Completion of Analysis: 12.08.2015

Dated: 12.08.2015

S.No.	Time Weighted Average	Carbon monoxide	Sulphur dioxide (SO ₂)	Nitrogen dioxide (NO ₂)	Particulate Matter (PM ₁₀)
		mg/m ³	µg/m ³	µg/m ³	µg/m ³
1	24 Hr	0.00	13.00	28.40	46.2
NEQS for Ambient Air		10	120	80	150
Equipment Used		Haz Scanner HIM 6000 Air Quality Monitoring Station			

NEQS: National Environmental Quality Standards for Ambient Air Effective from 1st January 2012

The report is not valid for any regulations.

1 Sample Analyzed by Akram Saeed
Analyst

2 Checked/Verified by M. Asif Iqbal
Chief Analyst

3 Signature of incharge of the laboratory:

Name: Ghyasuddin
 Designation: Manager
 Date: 12.08.2015

END OF THE REPORT



GLOBAL ENVIRONMENTAL LAB

CERTIFIED LABORATORY FROM EPA PUNJAB

GLOBAL ENVIRONMENTAL LAB
LABORATORY
No. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
PAGE 1 OF 1

NOISE LEVEL MONITORING REPORT

Report reference No: S/30857 Dated: 12.08.2015
Name of Customer: Engineering Consultancy Services Punjab (Pvt.) Ltd.
Address: 83 A/E-1, Main Boulevard, Gulberg II, Lahore, Pakistan
Project Name: Transfer Station at Thokar Niaz Baig LWMC, Lahore
Monitoring Location: Mentioned Below
Date of Monitoring: 06.08.2015
Date of Completion of Analysis: 12.08.2015

S.No.	Location	Unit	NEQS	Noise Level	Method	Remarks
1	Kitar Band Road	dB(A)	75	73.8	Digital Sound Meter	
2	Project Site	dB(A)	75	69.8	Digital Sound Meter	
3	Mai Da Tibha	dB(A)	75	60.4	Digital Sound Meter	

NEQS: National Environmental Quality Standards For Industrial Area Noise Level
This report is not valid for any negotiations.

1 Sample Analyzed by: Fahad Sandoz
Analyst

2 Checked/Verified by: M. Asif Iqbal

3 Signature of incharge of the environmental laboratory: [Signature]
Name: Ghayasuddin
Designation: Manager
Date: 12.08.2015

END OF THE REPORT



GLOBAL ENVIRONMENTAL LAB

CERTIFIED LABORATORY FROM EPA PUNJAB

GLOBAL ENVIRONMENTAL LAB
Page 4 of 22
Issue Date: 08/05/15
Page 1 of 1

CHEMICAL ANALYSIS TEST REPORT

Report reference No: W/30561
 Name of customer: Engineering Consultancy Services Punjab (Pvt.) Ltd
 Address: 83 A/E-1, Main Boulevard, Gujberg III, Lahore, Pakistan
 Project Name: Transfer Station at Thokar Niaz Bag, LWMC, Lahore
 Nature of Sample: Wastewater (Project Site)
 Date of sample received: 08.08.2015
 Sample Condition: Turbid Sample in 1.5 Litre Plastic Bottle
 Date of completion of analysis: 12.08.2015

Dated: 12.08.2015

S.No.	Parameters	Units	NEQS	Concentration	Method	Remarks
1	Temperature	°C	—	30	Thermometer	
2	pH value*	—	8-9	7.88	pH Meter	
3	CO ₂	mg/l	150.0	658.0	HACH Method 8000	
4	TSS*	mg/l	200.0	289.0	Filtration	
5	TDS*	mg/l	3500.0	1868.0	Evaporation	
6	Grease & Oil	mg/l	10.0	12.0	HACH Method 8041	
7	Phenolic Compounds	mg/l	0.1	0.145	HACH Method 8047	
8	Chloride	mg/l	1000.0	185.0	HACH Method 8113	
9	Fluoride	mg/l	10.0	1.58	HACH Method 8029	
10	Cyanide	mg/l	1.0	0.026	HACH Method 8027	
11	Am-ionic Detergents	mg/l	20.0	1.752	HACH Method 8028	
12	Sulphate	mg/l	600.0	158.0	HACH Method 8051	
13	Sulphide	mg/l	1.0	0.152	HACH Method 8131	
14	Ammonia	mg/l	40.0	35.80	HACH Method 8138	
15	Cadmium	mg/l	0.1	0.023	A.A.S	
16	Chromium	mg/l	1.0	0.08	A.A.S	
17	Copper	mg/l	1.0	0.060	A.A.S	
18	Lead	mg/l	0.5	0.03	A.A.S	
19	Nickel	mg/l	1.0	0.07	A.A.S	
20	Silver	mg/l	1.0	0.028	A.A.S	
21	Selenium	mg/l	0.5	BDL	A.A.S	
22	Mercury	mg/l	0.001	BDL	A.A.S	
23	Total Toxic Metal	mg/l	3.0	0.291	Summation	
24	Zinc	mg/l	5.0	1.83	A.A.S	
25	Arsenic	mg/l	1.0	0.56	A.A.S	
26	Barium	mg/l	1.5	BDL	A.A.S	
27	Iron	mg/l	8.0	1.82	A.A.S	
28	Manganese	mg/l	1.5	1.23	A.A.S	
29	Boron	mg/l	6.0	1.1	HACH Method 8015	
30	Chlorine Total	mg/l	1.0	0.05	HACH Method 8167	

Deviation from standard method if any: Nil
 NEQS: National Environmental Quality Standards
 A.A.S: Atomic Absorption Spectrophotometer
 *These parameters are included in the scope of ISO-17025.
 BDL - Below detectable limit
 This report is not valid for any negotiations.

1. Sample analyzed by:

Asif Inayat
Analyst

2. Checked/Verified by:

Asif Inayat
Chief Analyst

3. Signature of incharge of the environmental laboratory:

Ghulam

Name: Ghulam
 Designation: Manager
 Date: 12.08.2015

END OF THE REPORT



GLOBAL ENVIRONMENTAL LAB

CERTIFIED LABORATORY FROM EPA PUNJAB

Doc # GEL/LAB/1/17
Rev # 02
Issue date: 01/11/13
PAGE 1 OF 1

CHEMICAL ANALYSIS TEST REPORT

Report reference No: W/30683 Date: 12.08.2015
Name of customer: Engineering Consultancy Services Punjab (Pvt.) Ltd
Address: 83 A/E-1, Main Boulevard, Gulberg III, Lahore, Pakistan.
Project Name: Transfer Station at Thokar Niaz Baig LWMC, Lahore
Nature of sample: Ground Water (Mai da Titha)
Date of sample received: 06.08.2015
Sample Condition: Clear sample in 1.5 L plastic bottle
Date of completion of analysis: 12.08.2015

S.No.	Parameters	Units	WHO Guideline	Concentrations	Methods	Remarks
1	pH*	.....	6.5-8.5	7.06	pH Meter	
2	Total Dissolved Solids	mg/l	1000.0	368.0	Evaporation	
3	Iron Total	mg/l	0.3	0.42	Atomic Absorption	
4	Calcium Hardness	mg/l	.....	132.0	Digital Titrator	
5	Magnesium Hardness	mg/l	.....	128.0	Digital Titrator	
6	Total Hardness	mg/l	.....	260.0	Digital Titrator	
7	Sodium	mg/l	200	68.0	Flame Photometer	
8	Potassium	mg/l	.....	2.8	Flame Photometer	
9	Arsenic	mg/l	0.01	0.05	Atomic Absorption	
10	Chloride	mg/l	250	110.0	Digital Titrator	
11	Fluoride	mg/l	1.5	0.42	Spectrophotometer	
12	Sulphate	mg/l	250	122.0	Spectrophotometer	
13	Nitrate	mg/l	50	8.0	Spectrophotometer	

Deviation from standard method if any: Nil
*Selected parameters for ISO-17025 scope.
ND: Not detected.
This report is not valid for any negotiations.


1. Sample analyzed by:


Faisal Sander
Analyst

2. Checked/Verified by:


M. Asif Iqbal

3. Signature of Incharge of the environmental laboratory:


Name: Ghaysoodien
Manager
Date: 12.08.2015

END OF THE REPORT



GLOBAL ENVIRONMENTAL LAB

CERTIFIED LABORATORY FROM EPA PUNJAB

Doc. # GEL / LAB / 01 / 11
Issue # 02
Issue date: 01-11-13
PAGE 1 OF 1

CHEMICAL ANALYSIS TEST REPORT

Report reference No: W/30660 Date: 12.08.2015
Name of customer: Engineering Consultancy Services Punjab (Pvt.) Ltd.
Address: 63 A/E-1, Main Boulevard, Gulberg III, Lahore, Pakistan.
Project Name: Transfer Station at Thokar Niaz Baig LWMC, Lahore
Nature of sample: Ground Water (Project Site)
Date of sample received: 06.08.2015
Sample Condition: Clear sample in 1.5 L plastic bottle
Date of completion of analysis: 12.08.2015

S.No.	Parameters	Units	WHO Guideline	Concentrations	Methods	Remarks
1	pH*	---	6.5-8.5	7.26	pH Meter	
2	Total Dissolved Solids	mg/l	1000.0	412.0	Evaporation	
3	Iron Total	mg/l	0.3	0.32	Atomic Absorption	
4	Calcium Hardness	mg/l	---	146.0	Digital Titrator	
5	Magnesium Hardness	mg/l	---	132.0	Digital Titrator	
6	Total Hardness	mg/l	---	280.0	Digital Titrator	
7	Sodium	mg/l	200	84.0	Flame Photometer	
8	Potassium	mg/l	---	4.0	Flame Photometer	
9	Arsenic	mg/l	0.01	0.07	Atomic Absorption	
10	Chloride	mg/l	250	128.0	Digital Titrator	
11	Fluoride	mg/l	1.5	0.58	Spectrophotometer	
12	Sulphate	mg/l	250	134.0	Spectrophotometer	
13	Nitrate	mg/l	50	12.0	Spectrophotometer	

Deviation from standard method if any: Nil
*Selected parameters for ISO-17025 scope.
ND: Not detected.
This report is not valid for any negotiations.


1. Sample analyzed by:


M. Asif Iqbal
Analyst

2. Checked/Verified by:


M. Asif Iqbal
Chief Analyst

3. Signature of in-charge of the environmental lab:


Name: Ghayasuddin
Manager
Date: 12.08.2015

END OF THE REPORT



GLOBAL ENVIRONMENTAL LAB

CERTIFIED LABORATORY FROM EPA PUNJAB

GLOBAL ENVIRONMENTAL LAB
LABORATORY
No. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
PAGE 1 OF 1

NOISE LEVEL MONITORING REPORT

Report reference No: S/30857 Dated: 12.08.2015
Name of Customer: Engineering Consultancy Services Punjab (Pvt.) Ltd.
Address: 83 A/E-1, Main Boulevard, Gulberg II, Lahore, Pakistan
Project Name: Transfer Station at Thokar Niaz Baig LWMC, Lahore
Monitoring Location: Mentioned Below
Date of Monitoring: 06.08.2015
Date of Completion of Analysis: 12.08.2015

S.No.	Location	Unit	NEQS	Noise Level	Method	Remarks
1	Kitar Band Road	dB(A)	75	73.8	Digital Sound Meter	
2	Project Site	dB(A)	75	69.8	Digital Sound Meter	
3	Mai Da Tibha	dB(A)	75	80.4	Digital Sound Meter	

NEQS: National Environmental Quality Standards For Industrial Area Noise Level
This report is not valid for any negotiations.

1 Sample Analyzed by: Fahad Sandoz
Analyst

2 Checked/Verified by: M. Asif Iqbal

3 Signature of incharge of the environmental laboratory: [Signature]
Name: Ghayasuddin
Designation: Manager
Date: 12.08.2015

END OF THE REPORT



GLOBAL ENVIRONMENTAL LAB

CERTIFIED LABORATORY FROM EPA PUNJAB

Doc # GEL/LAB/14/11
Rev # 02
Issue date: 02-11-15
PAGE 1 OF 1

CHEMICAL ANALYSIS TEST REPORT

Report reference No: W/30658 Date: 12.08.2015
Name of customer: Engineering Consultancy Services Punjab (Pvt.) Ltd.
Address: 83 A/E-1, Main Boulevard, Gulberg III, Lahore, Pakistan.
Project Name: Transfer Station at Thokar Niaz Baig, LWMC, Lahore
Nature of sample: Ground Water (Kharband Road)
Date of sample received: 05.08.2015
Sample Condition: Clear sample in 1.5 L plastic bottle
Date of completion of analysis: 12.08.2015

S.No.	Parameters	Units	WHO Guideline	Concentrations	Methods	Remarks
1	pH*	.....	6.5-8.5	7.23	pH Meter	
2	Total Dissolved Solids	mg/l	1000.0	428.0	Evaporation	
3	Iron Total	mg/l	0.3	0.05	Atomic Absorption	
4	Calcium Hardness	mg/l	---	162.0	Digital Titrator	
5	Magnesium Hardness	mg/l	---	148.0	Digital Titrator	
6	Total Hardness	mg/l	---	310.0	Digital Titrator	
7	Sodium	mg/l	200	85.0	Flame Photometer	
8	Potassium	mg/l	---	4.2	Flame Photometer	
9	Arsenic	mg/l	0.01	0.03	Atomic Absorption	
10	Chloride	mg/l	250	124.0	Digital Titrator	
11	Fluoride	mg/l	1.5	0.68	Spectrophotometer	
12	Sulphate	mg/l	250	152.0	Spectrophotometer	
13	Nitrate	mg/l	50	22.0	Spectrophotometer	

Deviation from standard method if any: Nil
*Selected parameters for ISO-17025 scope.
ND: Not detected.
This report is not valid for any negotiations.

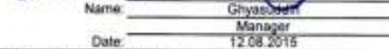
1. Sample analyzed by:


Analyst

2. Checked/Verified by:


M. Asif Iqbal
Analyst

3. Signature of incharge of the environment laboratory:


Name: Ghayasuddin
Manager
Date: 12.08.2015

END OF THE REPORT



GLOBAL ENVIRONMENTAL LAB

CERTIFIED LABORATORY FROM EPA PUNJAB

GLOBAL ENVIRONMENTAL LAB
Page 1 of 1

CHEMICAL ANALYSIS TEST REPORT

Report reference No: W/00962
 Name of customer: Engineering Consultancy Services Punjab (Pvt.) Ltd
 Address: 83 A/E-1, Main Boulevard, Gulberg II, Lahore, Pakistan
 Project Name: Transfer Station at Thokar Niaz Baig, LWMC, Lahore
 Nature of Sample: Wastewater (Mai-da-Tiha)
 Date of sample received: 06.08.2015
 Sample Condition: Turbid Sample in 1.5 Litre Plastic Bottle
 Date of completion of analysis: 12.08.2015

Dated: 12.08.2015

S.No.	Parameters	Units	NEQS	Concentration	Method	Remarks
1	Temperature	°C	---	29	Thermometer	
2	pH value*	---	6-9	7.72	pH Meter	
3	COD*	mg/l	150.0	558.0	HACH Method 8000	
4	TSS*	mg/l	200.0	254.0	Filtration	
5	TDS*	mg/l	3500.0	1657.0	Evaporation	
6	Grease & Oil	mg/l	10.0	8.0	HACH Method 8042	
7	Phenolic Compounds	mg/l	0.1	0.082	HACH Method 8047	
8	Chloride	mg/l	1000.0	156.0	HACH Method 8113	
9	Fluoride	mg/l	10.0	1.34	HACH Method 8029	
10	Cyanide	mg/l	1.0	0.032	HACH Method 8027	
11	An-ionic Detergents	mg/l	20.0	0.928	HACH Method 8028	
12	Sulphate	mg/l	600.0	162.0	HACH Method 8051	
13	Sulphide	mg/l	1.0	0.234	HACH Method 8131	
14	Ammonia	mg/l	40.0	32.86	HACH Method 8138	
15	Cadmium	mg/l	0.1	0.034	A.A.S	
16	Chromium	mg/l	1.0	0.06	A.A.S	
17	Copper	mg/l	1.0	0.046	A.A.S	
18	Lead	mg/l	0.5	0.04	A.A.S	
19	Nickel	mg/l	1.0	0.08	A.A.S	
20	Silver	mg/l	1.0	0.031	A.A.S	
21	Selenium	mg/l	0.5	BDL	A.A.S	
22	Mercury	mg/l	0.001	BDL	A.A.S	
23	Total Toxic Metal	mg/l	2.0	0.271	Summation	
24	Zinc	mg/l	5.0	137.00	A.A.S	
25	Arsenic	mg/l	1.0	0.49	A.A.S	
26	Barium	mg/l	1.5	BDL	A.A.S	
27	Iron	mg/l	8.0	1.89	A.A.S	
28	Manganese	mg/l	1.0	0.54	A.A.S	
29	Boron	mg/l	6.0	1.4	HACH Method 8015	
30	Chlorine Total	mg/l	1.0	0.06	HACH Method 8167	

Deviation from standard method if any: Nil
 NEQS: National Environmental Quality Standards
 A.A.S - Atomic Absorption Spectrophotometer
 *These parameters are included in the scope of ISO-17025
 BDL - Below detectable limit
 This report is not valid for any regulations.

1. Sample analyzed by:

Asif Iqbal
Analyst

2. Checked/Verified by:

Asif Iqbal
Chief Analyst

3. Signature of incharge of the environmental laboratory:

Mustafa
 Name: Mustafa
 Designation: Manager
 Date: 12.08.2015

END OF THE REPORT



GLOBAL ENVIRONMENTAL LAB

CERTIFIED LABORATORY FROM EPA PUNJAB

Doc # GEL/LAB/14/17
Page # 02
Date: 08/12/15
PAGE 1 OF 1

CHEMICAL ANALYSIS TEST REPORT

Report reference No: W/30659
Name of customer: Engineering Consultancy Services Punjab (Pvt.) Ltd.
Address: 63 A/E-1, Main Boulevard, Gulberg III, Lahore, Pakistan
Project Name: Transfer Station at Thokar Niaz Baig, LWMC, Lahore
Nature of Sample: Wastewater (Kharband Road)
Date of sample received: 08.08.2015
Sample Condition: Turbid Sample in 1.5 Litre Plastic Bottle
Date of completion of analysis: 12.08.2015

Dated: 12.08.2015

S.No.	Parameters	Units	NEQS	Concentration	Method	Remarks
1	Temperature	°C	...	29	Thermometer	
2	pH value*	...	6-9	7.82	pH Meter	
3	COD*	mg/l	150.0	724.0	HACH Method 8000	
4	TSS*	mg/l	200.0	342.0	Filtration	
5	TDS*	mg/l	3500.0	2214.0	Evaporation	
6	Grease & Oil	mg/l	10.0	16.0	HACH Method 8041	
7	Phenolic Compounds	mg/l	0.1	0.285	HACH Method 8047	
8	Chloride	mg/l	1000.0	210.0	HACH Method 8113	
9	Fluoride	mg/l	10.0	2.43	HACH Method 8029	
10	Cyanide	mg/l	1.0	0.031	HACH Method 8027	
11	An-ionic Detergents	mg/l	20.0	2.898	HACH Method 8028	
12	Sulphate	mg/l	600.0	312.0	HACH Method 8051	
13	Sulphide	mg/l	1.0	0.524	HACH Method 8131	
14	Ammonia	mg/l	40.0	88.40	HACH Method 8136	
15	Cadmium	mg/l	0.1	0.121	A.A.S	
16	Chromium	mg/l	1.0	0.14	A.A.S	
17	Copper	mg/l	1.0	0.156	A.A.S	
18	Lead	mg/l	0.5	0.05	A.A.S	
19	Nickel	mg/l	1.0	0.64	A.A.S	
20	Silver	mg/l	1.0	0.031	A.A.S	
21	Selenium	mg/l	0.5	BDL	A.A.S	
22	Mercury	mg/l	0.001	BDL	A.A.S	
23	Total Toxic Metal	mg/l	2.0	1.138	Summation	
24	Zinc	mg/l	5.0	3.52	A.A.S	
25	Arsenic	mg/l	1.0	0.62	A.A.S	
26	Barium	mg/l	1.5	BDL	A.A.S	
27	Iron	mg/l	8.0	3.43	A.A.S	
28	Manganese	mg/l	1.5	4.38	A.A.S	
29	Boron	mg/l	8.0	2.8	HACH Method 8015	
30	Chlorine Total	mg/l	1.0	0.28	HACH Method 8167	

Deviation from standard method if any: Nil
NEQS: National Environmental Quality Standards
A.A.S.: Atomic Absorption Spectrophotometer
*These parameters are included in the scope of ISO-17025.
BDL: Below detectable limit.
This report is not valid for any negotiations.


1. Sample analyzed by:


Asim Javed
Analyst

2. Checked/Verified by:


M. Asif Iqbal
Chief Analyst

3. Signature of in-charge of the environmental laboratory:


Name: Ghaysood
Designation: Manager
Date: 12.08.2015

END OF THE REPORT