

# DELHI POLLUTION CONTROL COMMITTEE

## Water Laboratory

5<sup>th</sup> Floor I.S.B.T. Building Kashmiri Gate Delhi-6

visit us at : <http://dpcc.delhigovt.nic.in>



### ANALYSIS REPORT OF GROUND WATER NEARBY OKHLA LAND FILL SITE

Date 22/07/2019

Report No.: DPCC/W/LF/19-20/18-22/5(B)  
Date of monitoring: - 06/06/2019

S. No	Sampling Location	pH	TDS (mg/l)	Chloride (Cl) (mg/l)	Total Hardness as CaCO <sub>3</sub> (mg/l)	Hardness as Ca (mg/l)	Sulphate (SO <sub>4</sub> ) (mg/l)	Nitrate (mg/l)	Chromium (Cr <sup>6+</sup> ) (mg/l)	Zinc (Zn) (mg/l)	Iron (Fe) (mg/l)	Lead (Pb) (mg/l)	Copper (Cu) (mg/l)	Chromium (Cr) (mg/l)	Nickel (Ni) (mg/l)	Cadmium (Cd) (mg/l)	Phenolic Compound as C <sub>6</sub> H <sub>5</sub> OH (mg/l)	Arsenic (Ar) (CN)	Cyanide (CN)	Mercury (Hg)
	Desirable Limit for Drinking Water	6.5-8.5	500	250	300	75	200	45	0.05	5	0.3	0.05	0.05	0.05	-	0.01	0.001	ND	ND	ND
1.	Okhla Landfill Site	7.0	175	1285	780	184	614	34	ND	ND	2.91	ND	ND	ND	2.28	0.21	ND	ND	ND	ND
2.	ESI Hospital Okhla	7.5	565	185	400	128	481	22	ND	0.04	2.37	ND	0.25	ND	3.27	0.13	ND	ND	ND	ND
3.	Okhla Bus Depot	8.1	171	1550	750	192	640	58	ND	ND	3.09	ND	ND	ND	3.09	0.53	ND	ND	ND	ND
4.	B.P.Singh Camp Colony, Near Shiv Mandir	7.4	114	159	550	120	356	26	ND	0.02	3.00	ND	ND	ND	2.82	1.01	ND	ND	ND	ND

*Nandita*  
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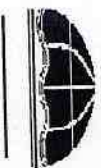
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## ANALYSIS REPORT OF GROUND WATER NEARBY BHALSWA LAND FILL SITE

Date 22/07/2019

Report No.: DPCC/W/LF/19-20/23-26/579  
Date of monitoring: - 07/06/2019

S. No	Sampling Location	pH	TDS (mg/l)	Chloride (Cl) (mg/l)	Total Hardness as CaCO <sub>3</sub> (mg/l)	Hardness as Ca (mg/l)	Sulphate (SO <sub>4</sub> ) (mg/l)	Nitrate (mg/l)	Chromium (Cr <sup>6+</sup> ) (mg/l)	Zinc (Zn) (mg/l)	Iron (Fe) (mg/l)	Lead (Pb) (mg/l)	Copper (Cu) (mg/l)	Chromium (Cr) (mg/l)	Nickel (Ni) (mg/l)	Cadmium (Cd) (mg/l)	Phenolic Compound as C <sub>6</sub> H <sub>5</sub> OH (mg/l)	Arsenic (Ar) (mg/l)	Cyanide (CN) (mg/l)	Mercury (Hg) (mg/l)
	Desirable Limit for Drinking Water	6.5-8.5	500	250	300	75	200	45	0.05	5	0.3	0.05	0.05	0.05	-	0.01	0.001	ND	ND	ND
1.	Bhalswa Sanjay Gandhi Transport	7.3	167	1135	1100	400	451	38	ND	0.29	2.65	ND	0.41	ND	3.73	1.41	ND	ND	ND	ND
2.	Bhalswa Dairy	7.5	198	1960	980	344	288	32	ND	ND	7.51	ND	0.75	ND	3.09	1.26	ND	ND	ND	ND
3.	Bhalswa landfill site	7.0	240	2165	2300	784	658	49	ND	ND	5.17	ND	0.58	ND	2.01	0.69	ND	ND	ND	ND
4.	Bhalswa Janta Colony	7.3	202	1110	1200	288	432	36	ND	ND	3.01	ND	1.08	ND	2.38	1.02	ND	ND	ND	ND

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## ANALYSIS REPORT OF GROUND WATER NEARBY BAWANA SECURE LAND FILL SITE

Date 22/07/2019

Report No.: DPCCM/LF/19-20/27-31/520  
Date of monitoring: -10/06/2019

Sampling Location	pH	TDS (mg/l)	Chloride (Cl) (mg/l)	Total Hardness as CaCO <sub>3</sub> (mg/l)	Hardness as Ca (mg/l)	Sulphate (SO <sub>4</sub> ) (mg/l)	Nitrate (mg/l)	Chromium (Cr <sup>6+</sup> ) (mg/l)	Zinc (Zn) (mg/l)	Iron (Fe) (mg/l)	Lead (Pb) (mg/l)	Copper (Cu) (mg/l)	Chromium (Cr) (mg/l)	Nickel (Ni) (mg/l)	Cadmium (Cd) (mg/l)	Phenolic Compound as C <sub>6</sub> H <sub>5</sub> OH (mg/l)	Arsenic (Ar) (mg/l)	Cyanide (CN) (mg/l)	Mercury (Hg) (mg/l)
Desirable Limit for Drinking Water	6.5-8.5	500	250	300	75	200	45	0.05	5	0.3	0.05	0.05	0.05	-	0.01	0.001	ND	ND	ND
Main Gate Bawana (SLF)	8.1	438	35	190	40	703	14	ND	0.11	2.11	ND	1.08	ND	3.64	0.77	ND	ND	ND	ND
Store Waste To Energy	8.0	570	120	310	80	676	36	ND	0.11	2.74	ND	0.58	ND	3.10	0.37	ND	ND	ND	ND
Sonot Village Bawana	8.0	103	60	100	40	382	48	ND	0.16	2.47	ND	0.58	ND	1.84	0.45	ND	ND	ND	ND
Bawana Village	8.0	847	140	350	112	996	92	ND	0.28	1.93	ND	0.25	ND	4.18	0.69	ND	ND	ND	ND
Sector 5 Bawana	7.2	701	120	120	88	253	80	ND	0.26	2.02	ND	0.42	ND	4.36	0.86	ND	ND	ND	ND

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### ANALYSIS REPORT OF GROUND WATER NEARBY GHAZIPUR LAND FILL SITE

Date 22/07/2019

Report No.: DPCCW/LF/19-20/ 32-36/521  
Date of monitoring: -06/06/2019

Sampling Location	pH	TDS (mg/l)	Chloride (Cl) (mg/l)	Total Hardness as CaCO <sub>3</sub> (mg/l)	Hardness as Ca (mg/l)	Sulphate (SO <sub>4</sub> ) (mg/l)	Nitrate (mg/l)	Chromium (Cr <sup>6+</sup> ) (mg/l)	Zinc (Zn) (mg/l)	Iron (Fe) (mg/l)	Lead (Pb) (mg/l)	Copper (Cu) (mg/l)	Chromium (Cr) (mg/l)	Nickel (Ni) (mg/l)	Cadmium (Cd) (mg/l)	Phenolic Compound as CaH <sub>5</sub> OH (mg/l)	Arsenic (Ar) (mg/l)	Cyanide (CN) (mg/l)	Mercury (Hg) (mg/l)
Desirable Limit for Drinking Water	6.5-8.5	500	250	300	75	200	45	0.05	5	0.3	0.05	0.05	0.05	-	0.01	0.001	ND	ND	ND
Ghaziपुर Dairy Farm, Gali No.-4	7.6	530	110	650	160	208	34	ND	0.02	2.02	ND	ND	ND	2.64	1.50	ND	ND	ND	ND
Ghaziपुर Dairy near Masjid	7.5	133	660	950	248	348	40	ND	ND	1.74	ND	ND	ND	2.64	0.86	ND	ND	ND	ND
Ghaziपुर Landfill Site Near Entry Gate	7.0	241	165	1660	544	191	58	ND	0.02	4.09	ND	3.58	ND	3.18	0.69	ND	ND	ND	ND
Landfill Site Ghaziपुर	7.8	532	170	500	164	512	92	ND	0.06	4.72	ND	ND	ND	2.91	0.21	ND	ND	ND	ND
Fish Market Landfill site Ghaziपुर	7.9	664	170	410	140	213	65	ND	ND	3.36	ND	ND	ND	2.55	0.53	ND	ND	ND	ND

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