No.



July 2024 20

iggss Analytical Bureau

ANALYTICAL TECHNICAL AND CONSULTING CHEMISTS

Off: 2213-2862 Lab: 2334-0565 M: 9339760449

"Commerce House" 2A, GANESH CH. AVENUE, 9th floor, Room No. 7A E-mail: shyamsarkar.67@gmail.com briggssanalyticalbureau@gmail.com KOLKATA-700 013

Laboratory **AA 285, SECTOR-1** Salt Lake City KOLKATA-700 064

Registration No. L/7701



We hereby certify that a sample of "TREATED WATER" SUBMITTED to us on the 4th July 2024 by and on account of DUTE 10114 OUR CRIATO Amor Pally Kolkata 700074. India has been analysed with the following results:

| M/s. DUTT AQUAOUS, 68/149, Amar Pally, | Kolkata-700074, India. has been analysed with the f | ollowing results: |
|---|---|-------------------|
| BACTERIO | LOGICAL EXAMINATION: | B.P.H.L. |
| British Pub | c Health Methods Employed: | ACCEPTABLE |
| Colonies Visible on agar in 1 ml. after 48 hour | at 37° C x | Max 100 |
| Probable number of coli aerogenes present in | 00 ml 🙏 x | Nil |
| B. Coli Faecal Type I - x | | |
| B. Coli Faecal Type II- x | AAITS BILONOS | |
| Cl. Welchii - x | MAN BRAIC III | Nil/10ml |
| CONDITION | OF WATER AT TIME OF ANALYSIS: | Max. |
| | D.L. MAX.CPHL | D.L.CPHL |
| Appearance/Colour (Hazen) – Clear | 10 50 Sediment - | |
| Odour- Agreeable | Unobj Unobj Reaction PH Value - | 7.4 6.5/8.5 9.2 |
| Turbidity (NTU) –1 | 10 25 Free Cl. (PPM) – | Nil 0.2 0.5 |
| | RESULTS expressed in parts per Million | |
| ESTIMATION: | | BLE COMPOSITION |
| Total solids dried at 100°C | | OTAL SOLIDS: |
| Alkalinity to Phenolphthalein as (CaCo ₃) | - Nil Calcium Carbona | te - 156.0 |
| Alkalinity to Methylorange as (CaCo ₃) | 195.0 Magnesium Carbo | onate - 37.9 |
| Silica as SiO ₂ | - 0.3 Magnesium Sulph | nate - 1.4 |
| | Sodium Sulphate | - 9.6 |
| | . Magnesium Chlor | ride -100.5 |
| | Sodium Chloride | - 2.9 |
| | Silica | - 0.3 |
| | Oxide of Iron & A | |
| 0.11 | Potassium Nitrate | |
| Oxide of Iron & Alumina | - 0.3 Combined Water | 210 |
| Iron as Fe | - 0.2 0.3 1.0 | 313.0 |
| Manganese as Mn | - Absent 0.1 0.5 | |
| Lime as CaO | - 83.9 104.9 279.8 | |
| Magnesia as MgO | - 42.4 82.9 248.7 | |
| Sulphates as SO ₃ | - 0.9 200 400 | |
| Chlorides as CI | - 186.2 250 1000 | |
| Nitrates as KNO ₃ | - 2.5 73.4 73.4 | |
| Free Carbonic acid | - 0.02 | |
| | | parts per Max. |
| | gallon PPM. | Million: CPHL |
| | HARDNESS IN | |
| | Total Hardness 17.95 300 | 245.5 600 |
| | Temporary Hardness 17.96 Permanent Hardness Absent | 245.5 |
| DEMARKS, C. C. C. | Permanent Hardness Absent | Absent |

REMARKS: Satisfactory.

<u>Site</u> - Sample Collected from Treated Water North Point Senior Secondary High School., Langal Pota Rajarhat.(School Building)





8th July 2024

Briggss Analytical Bureau

ANALYTICAL TECHNICAL AND CONSULTING CHEMISTS

Off: 2213-2862 Lab: 2334-0565 M: 9339760449 "Commerce House" 2A, GANESH CH. AVENUE, 9th floor, Room No. 7A m KOLKATA-700 013 Laboratory
AA 285, SECTOR-1
Salt Lake City
KOLKATA-700 064

Registration No. L/7701



We hereby certify that a sample of "TREATED WATER" SUBMITTED to us on the 4th July 2024 by and on account of M/s, DUTT AOUAOUS, 68/149, Amar Pally, Kolkata-700074, India. has been analysed with the following results:

| We hereby certify that a sample of TREATED | WATER SUBMIT | I LED to us on the | 1 'd d CH : | |
|---|----------------------|---------------------|--------------------|--------------|
| M/s. DUTT AQUAOUS, 68/149, Amar Pally, Ko | olkata-700074, India | . has been analysed | with the following | ig results: |
| BACTERIOLOGICAL EXAMINATION: | | | | B.P.H.L. |
| British Public | Health Methods Er | mployed: | | ACCEPTABLE |
| Colonies Visible on agar in 1 ml. after 48 hours a | t 37°C | X | | Max 100 |
| Probable number of coli aerogenes present in 100 |) ml 🙏 | X | | Nil |
| B. Coli Faecal Type I - x | TAT | | | |
| B. Coli Faecal Type II- x | ALTER BETIE | (C) | | |
| Cl Welchii - x | III made /// | / | | Nil/10ml |
| CONDITION | OF WATER AT TI | ME OF ANALYS | IS: | Max. |
| | D.L. M. | AX.CPHL | | D.L.CPHL |
| Appearance/Colour (Hazen) -Clear | 10 | | Sediment - Nil | |
| Odour- Agreeable | Unobj | Inobj Reaction I | PH Value - 7.5 | 6.5/8.5 9.2 |
| Turbidity (NTU) -Traces | 10 | 25 Free (| Cl. (PPM) - Nil | 0.2 0.5 |
| Turbidity (NTO) = Traces | RESULTS expi | ressed in parts per | Million | |
| ESTIMATION: | D.L. | Max C.P.H.L. | PROBABLE (| COMPOSITION |
| Total solids dried at 100°C | 219.0 500 | 2000 | OF TOTAL | |
| Alkalinity to Phenolphthalein as (CaCo ₃) | Nil | Calciu | ım Carbonate | - 21.4 |
| Alkalinity to Methylorange as (CaCo ₃) _{ACCREDITI} | 92.1 | Magn | esium Carbonate | - 28.7 |
| Silica as SiO ₂ Management | - 0.4 | Magn | esium Chloride | - 23.9 |
| Silica do Systems | | | | |
| | | | | |
| | | | m Chloride | -140.1 |
| | | Silica | | - 0.4 |
| | | | e of Iron & Alumii | |
| | | | sium Nitrate | - 2.5 |
| Oxide of Iron & Alumina | - 0.2 | | oined Water etc. | - <u>1.8</u> |
| Iron as Fe | - 0.3 0.3 | 1.0 | | 219.0 |
| Manganese as Mn | - Absent 0.1 | 0.5 | | |
| Lime as CaO | - 85.2 104.9 | 279.8 | | |
| Magnesia as MgO | - 41.1 82.9 | 248.7 | | |
| Sulphates as SO ₃ | - 39.1 200 | 400 | | |
| Chlorides as Cl | - 231.2 250 | 1000 | | |
| Nitrates as KNO ₃ | - 2.5 73.4 | 73.4 | | |
| Free Carbonic acid | - 0.64 - | - | | Man |
| | | grains per | | s per Max. |
| | | gallon | PPM. Mill | ion: CPHL |
| | HARDNESS IN | | 200 121 | 2 600 |
| | Total Hardness | 30.08 | 300 431 431 | |
| | Temporary Hardnes | 30.08 | Abs | |
| | Permanent Hardness | Absent | Abs | |
| REMARKS: Satisfactory. | | | An | 000 |
| Site - Sample Collected from Treated Water North | Point Senior Seconda | ry High School., | (0) | XECUTIVE |
| one - sample concered from Treated water From | | | CHIEFE | ALCOINE |

Langal Pota Rajarhat. (Boys Hostel)

Date of Collection: 04/7/2024



July 2024 20

Briggss Analytical Bureau

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We hereby certify that a sample of "TREATED WATER" SUBMITTED to us on the 4th July 2024 by and on account of

| M/s. DUTT AQUAOUS, 68/149, Amar Pally | , Kolkata-700074, In | dia. has been analy | sed with the follo | owing results: |
|--|------------------------------|-----------------------|-------------------------------------|----------------------|
| BACTERIO | DLOGICAL EXAM | IINATION: | | B.P.H.L. |
| British Pub | lic Health Methods | | | ACCEPTABLE |
| Colonies Visible on agar in 1 ml. after 48 hou | rs at 37° C. | x | | Max 100 |
| Probable number of coli aerogenes present in | 100 ml A . | x | | Nil |
| B. Coli Faecal Type I - x | The state of | | | |
| B. Coli Faecal Type II- x | IT IS BITIMA | Ma [©] | | |
| Cl. Welchii - x | WAL MARIE // | W | | Nil/10ml |
| CONDITIO | VOF WATER AT | | YSIS: | Max. |
| | ACCURAGE A THE SECOND SECOND | MAX.CPHL | | D.L.CPHL |
| Appearance/Colour (Hazen) -Clear | 10 | 50 | Sediment - N | il |
| Odour-Agreeable | Unobj | | n PH Value - 7. | .5 6.5/8.5 9.2 |
| Turbidity (NTU) –1 | 10 | | : Cl. (PPM) - Ni | 0.2 0.5 |
| ECHINA LINON | | pressed in parts p | | |
| ESTIMATION: | D.L. | (Val) | | E COMPOSITION |
| Total solids dried at 100°C | - 252.0 500 | AND IT HAS IT BATTERS | | AL SOLIDS: |
| Alkalinity to Phenolphthalein as (CaCo ₃) | Nil | | cium Carbonate | - 25.6 |
| Alkalinity to Methylorange as (CaCo ₃) Silica as SiO ₂ | 495.0 | Mag | gnesium Carbona | te - 20.10 |
| Silica as SiO ₂ | - 0.5 | | | |
| | | | | |
| | | | gnesium Chloride | |
| | | | ium Chloride | -108.2 |
| | | Silic | ca de of Iron & Alur | - 0.5 |
| | | | de of fron & Afur Issium Nitrate | |
| Oxide of Iron & Alumina | - 0.3 | | issium Nitrate ibined Water etc. | - 2.5 |
| Iron as Fe | - 0.3 0.3 | 1.0 | iomed water etc. | $-\frac{1.5}{252.0}$ |
| Manganese as Mn | - Absent 0.1 | 0.5 | | 232.0 |
| Lime as CaO | - 143.2 104.9 | 279.8 | | |
| Magnesia as MgO | - 71.7 82.9 | 248.7 | | |
| Sulphates as SO ₃ | - 8.9 200 | 400 | | |
| Chlorides as CI | - 661.3 250 | 1000 | | |
| Nitrates as KNO ₃ | - 2.5 73.4 | 73.4 | | |
| Free Carbonic acid | - 0.3 - | - | | |
| | | grains per | D.L. par | rts per Max. |
| | | gallon | | illion: CPHL |
| | HARDNESS IN | | A A 11/A | CITE |
| | Total Hardness | 30.35 | 300 43 | 33.6 600 |
| | Temporary Hardnes | 30.35 | 43 | 33.6 |
| DEMARKS C. C. | Permanent Hardness | Absent | Ab | sent |
| REMARKS: Satisfactory. | | | | |
| Site - Sample Collected from Treated Water North | Point Senior Seconda | ary High School., La | ngal Pota Rajarhat | 201912an |

er North Point Senior Secondary High School., Langal Pota Rajarhat (Girls Hostel)

Date of Collection: 04/07/2024