



Ref: SCL/EHS/LUMS/2025-26/41

Dated: 12/08/2025

To,

The Member Secretary  
Meghalaya State Pollution Control Board  
'ARDEN', Lumpynggad,  
Shillong, Meghalaya - 793014

**Subject : Submission of Environmental Monitoring Report for the month of July 2025.**

**Reference : MPCB/ONLINE/RCTO(R-1)/EJHD/2021/2025-2026/99, Dated Shillong, the 24<sup>th</sup> June, 2025.**

Dear Sir,

This is in reference to above cited subject, we are herewith submitting the Monthly Environmental monitoring reports of Ambient Air Quality monitoring including meteorological data, Noise & Surface water monitoring reports of **Wahpynkon Limestone Mine (4.85 Ha)** of Star Cement Limited for the month of **July, 2025**.

This is for your kind information, record and kindly acknowledges receipt of the same.

Thanking you,

Yours truly,  
For **Star Cement Limited**

  
Lokesh Kumar Bahety  
Unit Head

**Enclosed:** a/a

**Copy to:** The Regional Director, Central Pollution Control Board (CPCB), North Eastern Zonal Office, 'TUMSIR', Lower Motinagar, Shillong, Meghalaya-790314.

**STAR CEMENT LIMITED**

Regd. Off. & Works: Vill.: Lumshnong, Khalielhat, East Jaintia Hills, Meghalaya - 793210 | ☎ : 03655-278215/16/18 | ✉ : lumshnong@starcement.co.in  
Corp. Off.: Century House, 2nd Floor, P-15/1, Taratala Main Road, CPT Colony, Kolkata, West Bengal - 700088 | ✉ : kolkata@starcement.co.in

**ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED COMPANY.**

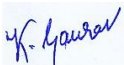
**CIN: L26942ML2001PLC006663 | 🌐 : www.starcement.co.in**

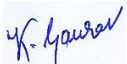


# STAR CEMENT LIMITED

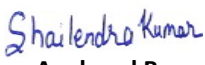
Lumshnong, Meghalaya

| Date (DD-MM-YYYY) | Pressure (mmHg) | Relative Humidity (%) | Temp. (C) | Manual Rain (mm) |
|-------------------|-----------------|-----------------------|-----------|------------------|
| 01-07-2025        | 952.1           | 99.4                  | 24.3      | 14.2             |
| 02-07-2025        | 952.7           | 87.3                  | 27.8      | 31.8             |
| 03-07-2025        | 954.0           | 98.9                  | 24.5      | 8.4              |
| 04-07-2025        | 953.9           | 96.0                  | 25.4      | 9.4              |
| 05-07-2025        | 952.7           | 100.0                 | 23.8      | 4.1              |
| 06-07-2025        | 950.7           | 86.5                  | 28.0      | 3.2              |
| 07-07-2025        | 950.9           | 99.9                  | 23.9      | 2.2              |
| 08-07-2025        | 952.0           | 99.7                  | 24.0      | 13.0             |
| 09-07-2025        | 954.3           | 99.9                  | 23.1      | 20.0             |
| 10-07-2025        | 955.3           | 99.9                  | 23.2      | 8.6              |
| 11-07-2025        | 942.6           | 86.0                  | 26.0      | 0.0              |
| 12-07-2025        | 946.4           | 93.6                  | 26.9      | 0.0              |
| 13-07-2025        | 951.8           | 92.5                  | 25.7      | 0.0              |
| 14-07-2025        | 952.5           | 94.6                  | 23.0      | 56.2             |
| 15-07-2025        | 942.5           | 96.3                  | 24.3      | 27.6             |
| 16-07-2025        | 951.9           | 97.0                  | 23.9      | 33.0             |
| 17-07-2025        | 943.3           | 95.7                  | 26.3      | 0.0              |
| 18-07-2025        | 948.7           | 96.7                  | 25.4      | 1.0              |
| 19-07-2025        | 950.0           | 95.3                  | 26.2      | 0.0              |
| 20-07-2025        | 953.0           | 94.0                  | 25.1      | 5.2              |
| 21-07-2025        | 952.7           | 96.6                  | 24.2      | 1.1              |
| 22-07-2025        | 951.5           | 98.1                  | 26.0      | 6.4              |
| 23-07-2025        | 950.4           | 93.0                  | 24.9      | 0.0              |
| 24-07-2025        | 952.1           | 94.9                  | 23.7      | 2.4              |
| 25-07-2025        | 949.6           | 93.7                  | 25.8      | 0.0              |
| 26-07-2025        | 951.7           | 89.5                  | 24.6      | 9.6              |
| 27-07-2025        | 952.7           | 96.5                  | 23.8      | 20.2             |
| 28-07-2025        | 953.2           | 97.3                  | 24.0      | 17.4             |
| 29-07-2025        | 954.7           | 98.4                  | 23.2      | 26.4             |
| 30-07-2025        | 949.2           | 97.9                  | 26.4      | 0.0              |
| 31-07-2025        | 953.9           | 96.8                  | 25.1      | 11.4             |
|                   |                 |                       | Total     | 332.8            |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                               |                                             |                                      |                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------|--------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                          | <b>STAR CEMENT LIMITED</b><br>WahPynKon, Limestone Mine (MLA 4.85 Ha)<br>Lumshnong, Meghalaya |                                             | Reference No.                        | SCL/Env/F – 01                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                               |                                             | Issue No.                            | 1                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>AMBIENT AIR QUALITY MONITORING REPORT</b>                                                  |                                             | Date of Issue:                       | 24.08.2013                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                               |                                             | Revision No.                         | 5                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                               | Date of Rev.                                | 01.12.2020                           |                                      |
| Reference No.: SCL/ENV/AAQM/MONTHLY/2025-26/04                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |                                             | Month : July'25                      |                                      |
| Location of Sampling: Mines Entrance Haul Road                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               | GPS Coordinate: 25°10'11"N 92°24'13"E 743 m |                                      |                                      |
| Sampling Duration:                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24 Hrs.                                                                                       | 24 Hrs.                                     | 24 Hrs.                              | 24 Hrs.                              |
| Date of Sampling                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PM <sub>10</sub> (µg/m <sup>3</sup> )                                                         | PM <sub>2.5</sub> (µg/m <sup>3</sup> )      | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) |
| 11.07.2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 32.54                                                                                         | 14.98                                       | 13.21                                | 10.93                                |
| 29.07.2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Rainfall                                                                                      | Rainfall                                    | Rainfall                             | Rainfall                             |
| NAAQS permissible limits for Rural, Industrial, Residential Area                                                                                                                                                                                                                                                                                                                                                                                                                          | 100 (µg/m <sup>3</sup> )                                                                      | 60 (µg/m <sup>3</sup> )                     | 80 (µg/m <sup>3</sup> )              | 80 (µg/m <sup>3</sup> )              |
| <b>Remarks:</b> All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.                                                                                                                                                                                                                                                                                                                                             |                                                                                               |                                             |                                      |                                      |
| <div style="display: flex; justify-content: space-between; align-items: flex-end; padding-top: 20px;"> <div> <br/> <b>Analyzed By</b> </div> <div> <br/> <b>Checked By</b> </div> <div> <br/> <b>Verified By</b> </div> </div> |                                                                                               |                                             |                                      |                                      |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               |                                            |                                      |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------|--------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>STAR CEMENT LIMITED</b><br>WahPynKon, Limestone Mine (MLA 4.85 Ha)<br>Lumshnong, Meghalaya |                                            | Reference No.                        | SCL/Env/F – 01                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               |                                            | Issue No.                            | 1                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>AMBIENT AIR QUALITY MONITORING REPORT</b>                                                  |                                            | Date of Issue:                       | 24.08.2013                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               |                                            | Revision No.                         | 5                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               | Date of Rev.                               | 01.12.2020                           |                                      |
| Reference No.: SCL/ENV/AAQM/MONTHLY/2025-26/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                               |                                            | Month : July'25                      |                                      |
| Location of Sampling: ROC Driling Point                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                               | GPS Coordinate: 25°1007"N 92°24'17"E 761 m |                                      |                                      |
| Sampling Duration:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 24 Hrs.                                                                                       | 24 Hrs.                                    | 24 Hrs.                              | 24 Hrs.                              |
| Date of Sampling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PM <sub>10</sub> (µg/m <sup>3</sup> )                                                         | PM <sub>2.5</sub> (µg/m <sup>3</sup> )     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) |
| 11.07.2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 35.12                                                                                         | 13.52                                      | 12.65                                | 10.71                                |
| 29.07.2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Rainfall                                                                                      | Rainfall                                   | Rainfall                             | Rainfall                             |
| NAAQS permissible limits for Rural, Industrial, Residential Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 100 (µg/m <sup>3</sup> )                                                                      | 60 (µg/m <sup>3</sup> )                    | 80 (µg/m <sup>3</sup> )              | 80 (µg/m <sup>3</sup> )              |
| <b>Remarks:</b> All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                                            |                                      |                                      |
| <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> <br/> <b>Analyzed by</b> </div> <div style="text-align: center;"> <br/> <b>Checked By</b> </div> <div style="text-align: center;"> <br/> <b>Verified By</b> </div> </div> |                                                                                               |                                            |                                      |                                      |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               |                                             |                                      |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------|--------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>STAR CEMENT LIMITED</b><br>WahPynKon, Limestone Mine (MLA 4.85 Ha)<br>Lumshnong, Meghalaya |                                             | Reference No.                        | SCL/Env/F – 01                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               |                                             | Issue No.                            | 1                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>AMBIENT AIR QUALITY MONITORING REPORT</b>                                                  |                                             | Date of Issue:                       | 24.08.2013                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               |                                             | Revision No.                         | 5                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               |                                             | Date of Rev.                         | 01.12.2020                           |
| Reference No.: SCL/ENV/AAQM/MONTHLY/2025-26/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                               |                                             | Month : July'25                      |                                      |
| Location of Sampling: Excavator Point                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                               | GPS Coordinate: 25°10'08"N 92°24'17"E 756 m |                                      |                                      |
| Sampling Duration:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 24 Hrs.                                                                                       | 24 Hrs.                                     | 24 Hrs.                              | 24 Hrs.                              |
| Date of Sampling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PM <sub>10</sub> (µg/m <sup>3</sup> )                                                         | PM <sub>2.5</sub> (µg/m <sup>3</sup> )      | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) |
| 11.07.2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 34.87                                                                                         | 14.62                                       | 13.28                                | 10.24                                |
| 29.07.2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Rainfall                                                                                      | Rainfall                                    | Rainfall                             | Rainfall                             |
| NAAQS permissible limits for Rural, Industrial, Residential Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 100 (µg/m <sup>3</sup> )                                                                      | 60 (µg/m <sup>3</sup> )                     | 80 (µg/m <sup>3</sup> )              | 80 (µg/m <sup>3</sup> )              |
| Remarks: All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                               |                                             |                                      |                                      |
| <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> <br/> <b>Analyzed by</b> </div> <div style="text-align: center;"> <br/> <b>Checked By</b> </div> <div style="text-align: center;"> <br/> <b>Verified By</b> </div> </div> |                                                                                               |                                             |                                      |                                      |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>STAR CEMENT LIMITED</b><br>Lumshnong, Meghalaya |                                | Reference No.                  | SCL/Env/F – 07 (a) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------|--------------------------------|--------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                    |                                | Issue No.                      | 1                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                    |                                | Date of Issue:                 | 01.12.2018         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>FUGITIVE EMISSION REPORT</b>                    |                                | Revision No.                   | 2                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                    |                                | Date of Rev.                   | 01.12.2020         |
| Ref: SCL/ENV/FUGITIVE/MONTHLY/2025-26/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |                                |                                |                    |
| <b>Wah-Pynkon Limestone Mine (MLA 4.85 Ha.)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                    |                                |                                |                    |
| <b>Month - July'25</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                    |                                |                                |                    |
| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Location                                           | Fugitive Emission Results      | As per CPCB/BIS Guideline      |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                    |                                | Limit                          |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                    | (in $\mu\text{g}/\text{m}^3$ ) | (in $\mu\text{g}/\text{m}^3$ ) |                    |
| 29.07.2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Near Drilling Point                                | NA                             | 5000                           |                    |
| 29.07.2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Near Lime Stone loading area                       | NA                             | 5000                           |                    |
| Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Mines is not in operation.                         |                                |                                |                    |
| <div style="display: flex; justify-content: space-between; align-items: flex-end; padding-top: 20px;"> <div style="text-align: center;"> <br/> Analyzed By </div> <div style="text-align: center;"> <br/> Checked By </div> <div style="text-align: center;"> <br/> Verified By </div> </div> |                                                    |                                |                                |                    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>STAR CEMENT LIMITED</b><br>(4.85 Ha.)<br>Lumshnong, Meghalaya |                                                    | Document No.   |      | SCL/EHS/Env/F-03 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------|----------------|------|------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                  |                                                    | Effective Date |      | 01-05-2019       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                  |                                                    | Revision No.   |      | 04               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>NOISE LEVEL MONITORING REPORT</b>                             |                                                    | Revision Date  |      | 01-01-2021       |
| Ref: SCL/ENV/NOISE/MONTHLY/2025-26/04 <span style="float: right;">Date:- 29.07.2025</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                  |                                                    |                |      |                  |
| <b>WahPynkon Limestone Mine (MLA 4.85 Ha.)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                  |                                                    |                |      |                  |
| <b>Month - July'25</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                  |                                                    |                |      |                  |
| S. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Location                                                         | Measured Values dB(A) Day time (6:00am to 10:00pm) |                |      | Norms In dB(A)   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                  | Min.                                               | Max.           | Avg. |                  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Rock Breaker (10 mtr. Distance)                                  | 45.1                                               | 52.4           | 48.8 | <b>75</b>        |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Dozer (10 mtr. Distance)                                         | 44.7                                               | 50.2           | 47.5 |                  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Dumper (10 mtr. Distance)                                        | 42.6                                               | 46.5           | 44.6 |                  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Excavator                                                        | 41.5                                               | 48.2           | 44.9 |                  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Village</b>                                                   |                                                    |                |      | <b>55</b>        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A) Lumshnong                                                     | 33.6                                               | 43.9           | 38.8 |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | B) Thangskai                                                     | 36.4                                               | 45.3           | 40.9 |                  |
| <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <br/> <b>Analyzed by</b> </div> <div style="text-align: center;"> <br/> <b>Checked By</b> </div> <div style="text-align: center;"> <br/> <b>Verified By</b> </div> </div> |                                                                  |                                                    |                |      |                  |



# STAR CEMENT LIMITED

Lumshnong, Meghalaya

WahPynKon, Limstone Mine (MLA 4.85 Ha.)

## WATER TESTING REPORT- JULY'25

|                |              |
|----------------|--------------|
| Reference No.  | SCL/EHS/F-04 |
| Issue No.      | 1            |
| Date of Issue: | 24.08.2013   |
| Revision No.   | 3            |
| Date of Rev.   | 01.06.2019   |

Reference No.: SCL/ENV/WATER/MONTHLY/2025-26/04

### Surface Water Analysis Results

Date of sample collection: 01.07.2025

Date of Analysis: 01.07.2025 to 08.07.2025

| S.No. | Parameter                                          | Unit   | 4.85 Ha         | Umtyrngai Nallah |             | Umutha Nallah |             | Umso Nalah  | Seshympa  | Lunar     | Lukha     | Umbadoh                           | Tongseng  | Lumshnong | Wahiajer  | Standards norms<br>as per IS 2296 |
|-------|----------------------------------------------------|--------|-----------------|------------------|-------------|---------------|-------------|-------------|-----------|-----------|-----------|-----------------------------------|-----------|-----------|-----------|-----------------------------------|
|       |                                                    |        | Seasonal Nallah | Up Stream        | Down Stream | Up Stream     | Down Stream | Down Stream |           |           |           | Seasonal Spring / Seasonal Nallah |           |           |           |                                   |
| 1     | pH                                                 | -      | 7.2             | 7.3              | 7.2         | 7.4           | 7.3         | 7.8         | 7.5       | 7.6       | 7.5       | 7.8                               | 7.7       | 7.4       | 7.6       | 6.5 - 8.5                         |
| 2     | Colour                                             | Hazen  | Yellowish       | Yellowish        | Yellowish   | Yellowish     | Yellowish   | Yellowish   | Yellowish | Yellowish | Yellowish | Yellowish                         | Yellowish | Yellowish | Yellowish | 10                                |
| 3     | Odour                                              | -      | Unobjectionable |                  |             |               |             |             |           |           |           |                                   |           |           |           |                                   |
| 4     | Chloride                                           | mg/L   | 20.9            | 20.5             | 22.1        | 23.8          | 23.9        | 26.4        | 24.8      | 23.4      | 22.9      | 24.5                              | 19.4      | 21.9      | 22.2      | 250                               |
| 5     | Total Hardness as CaCO <sub>3</sub>                | mg/L   | 69.7            | 45.9             | 49.8        | 72.1          | 80.6        | 82.4        | 42.8      | 43.9      | 52.7      | 60.2                              | 55.7      | 62.4      | 56.6      | 300                               |
| 6     | Suspended Solids                                   | mg/L   | 45.1            | 36.8             | 48.8        | 46.9          | 42.7        | 48.3        | 42.1      | 40.8      | 43.7      | 42.9                              | 41.8      | 40.3      | 39.9      | -                                 |
| 7     | Total Dissolve Solids                              | mg/L   | 248.9           | 237.4            | 240.2       | 228.9         | 245.9       | 257.1       | 241.8     | 201.5     | 149.8     | 136.7                             | 126.8     | 103.7     | 158.9     | 500                               |
| 8     | Biochemical Oxygen Demand<br>(For 3 days at 27 °C) | mg/L   | ND              | ND               | ND          | ND            | ND          | ND          | ND        | ND        | ND        | ND                                | ND        | ND        | ND        | 2.0                               |
| 9     | Oil & Grease                                       | mg/L   | ND              | ND               | ND          | ND            | ND          | ND          | ND        | ND        | ND        | ND                                | ND        | ND        | ND        | -                                 |
| 10    | Temperature                                        | ° C    | 24.4            | 25.9             | 24.7        | 24.9          | 25.1        | 23.8        | 24.3      | 25.2      | 24.3      | 24.8                              | 25.1      | 24.8      | 25.2      | -                                 |
| 11    | Conductivity                                       | µS/cm  | 175.5           | 212.8            | 219.2       | 223.8         | 269.7       | 257.9       | 236.5     | 231.8     | 126.3     | 124.6                             | 138.9     | 142.9     | 215.2     | -                                 |
| 12    | Flow                                               | L/ Min | 321.8           | 1873.9           | 2289.6      | 1023.8        | 1213.3      | 1314.9      | 9983.9    | 2299.7    | 93362.3   | 1003.8                            | 1289.6    | 1142.9    | 1125.9    | -                                 |

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