

**Wuskwatim Generating Station**  
**Monthly Compliance Report for August 2024**

Wuskwatim Power Limited Partnership received Environment Act Licence No. 2699 and an Interim Water Power Act Licence in 2006 for the development of Wuskwatim Generating Station. Section 33 of the Environmental Act Licence for the Wuskwatim Generating Station requires regular monthly reporting on the Wuskwatim Hourly Water Level, Wuskwatim Mean Daily Water Level (with wind and wave effects eliminated) and the Birch Tree Lake Daily Change in Water Level.

Figure 1 is a general location plan of the Wuskwatim Lake water level gauges used to generate the data for this report. Figure 2 is a general location plan of the Birch Tree Lake water level gauges.

Wuskwatim Lake Hourly Water Levels ranged between 233.77 m and 234.01 m for the month of August (Figure 3).

Wuskwatim Lake Mean Daily Water Level (with wind and wave effects eliminated) ranged between 233.8 m and 233.97 m for the month of August (Figure 4).

The maximum Birch Tree Lake Daily Change in Water Level was 0.11 m (Figure 5)

A SIZE - 184 X 279



● Water Level Gauge Locations

0 1 2 3 4 5  
Kilometers

FOR MICROFILMING USE ONLY

| NOTED         | NO.    | DATE         | REVISIONS  | BY | CKD. | APP. |
|---------------|--------|--------------|--|----|------|------|
| DESIGN        |        |              | MANITOBA HYDRO   |    |      |      |
| TELEPHONE     |        |              | WUSKWATIM GENERATING STATION                                 |    |      |      |
| ELECTRICAL    |        |              | <b>WATER LEVEL GAUGE<br/>LOCATIONS ON<br/>WUSKWATIM LAKE</b> |    |      |      |
| F.P. ENGINEER |        |              |  |    |      |      |
| MECHANICAL    | DRAWN  | K.R.         |  |    |      |      |
| DISTRIBUTION  | DESIGN | BG           |  |    |      |      |
| PROJECT       | DSCALE | AS SHOWN     |  |    |      |      |
| CONSTRUCTION  | PSCALE | 1/8" = 1'-0" |  |    | SHT. | REV. |
| MANAGER       | DATE   | 15/02/03     |  |    | 0001 | 00   |

AUTOCAD ORIGINAL

\* REDUCED SIZED PLOT



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| NOTED         | NO.    | DATE       | REVISIONS  | BY   | CKD. | APP. |
|---------------|--------|------------|--|------|------|------|
| DESIGN        |        |            | MANITOBA HYDRO<br>WUSKWATIM GENERATING STATION<br><b>WATER LEVEL GAUGE<br/>                     LOCATIONS ON<br/>                     BIRCHTREE LAKE</b> |      |      |      |
| TELEPHONE     |        |            |  |      |      |      |
| ELECTRICAL    |        |            |  |      |      |      |
| F.P. ENGINEER |        |            |  |      |      |      |
| MECHANICAL    | DRAWN  | K.R.       |  |      |      |      |
| DISTRIBUTION  | DESIGN | BG         |  |      |      |      |
| PROJECT       | DSCALE | AS SHOWN   |  |      |      |      |
| CONSTRUCTION  | PSCALE | 1/8"=1'-0" |  |      |      |      |
| MANAGER       | DATE   | 15/02/03   |  |      |      |      |
|               |        |            |  | SHT. | REV. |      |
|               |        |            |  | 0001 | 00   |      |

AUTOCAD ORIGINAL

### Wuskwatim Generating Station - Wuskwatim Lake Hourly Water Levels Monthly Compliance Report for August 2024

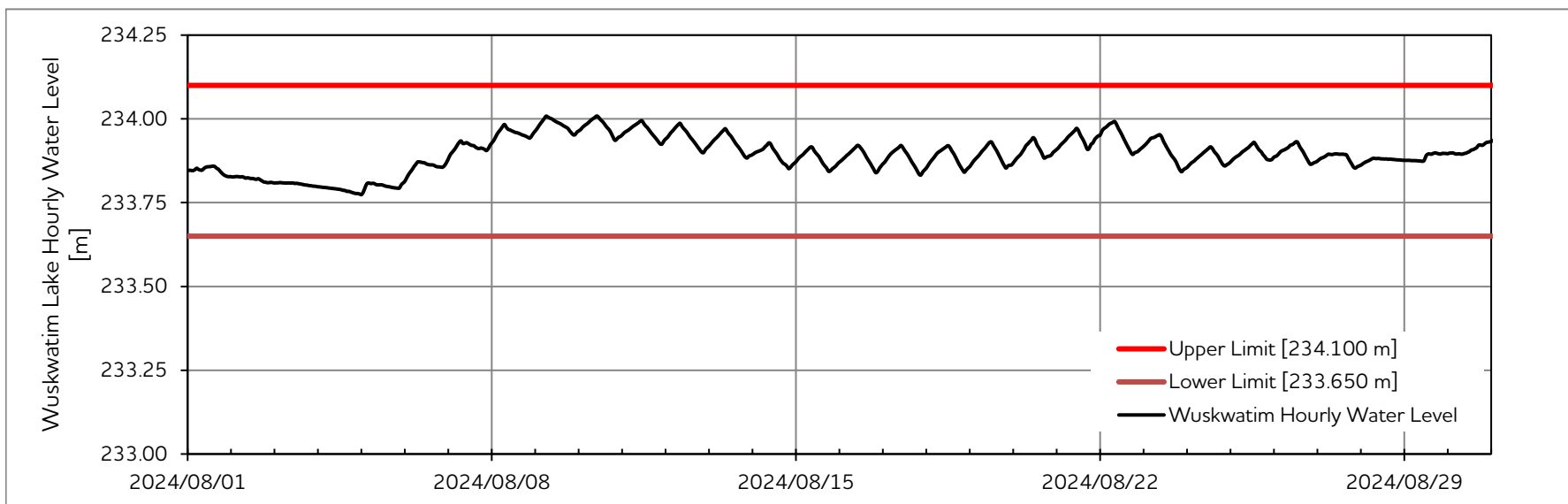
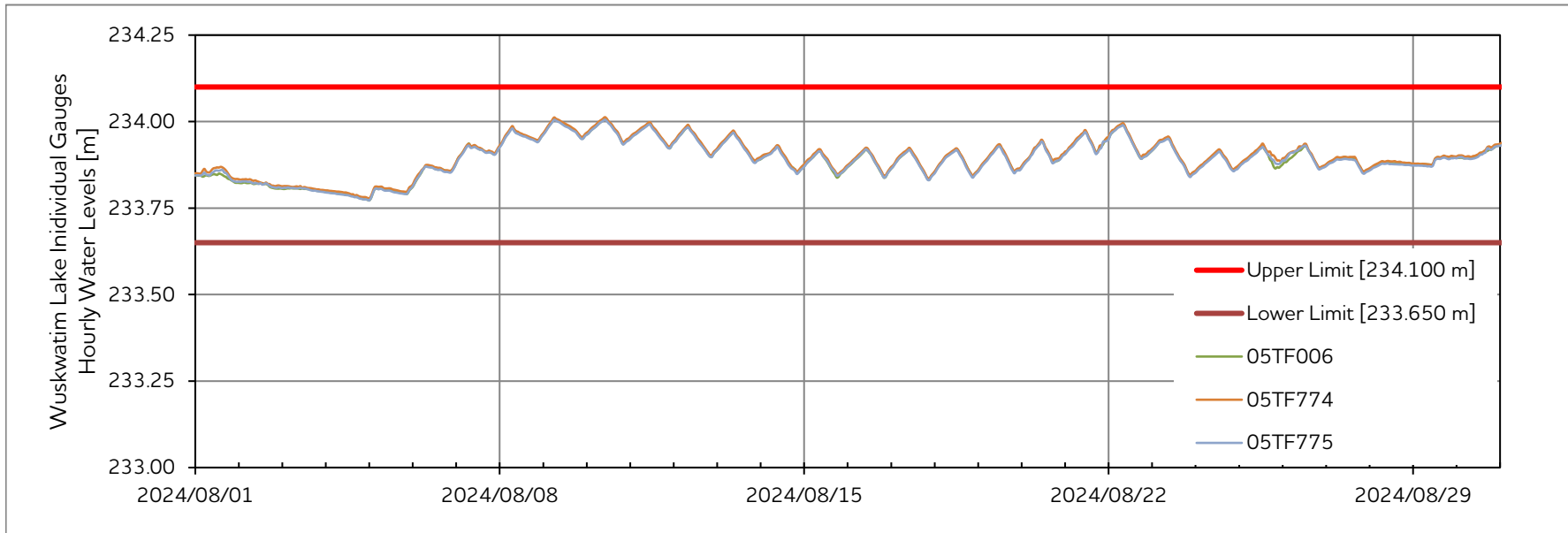
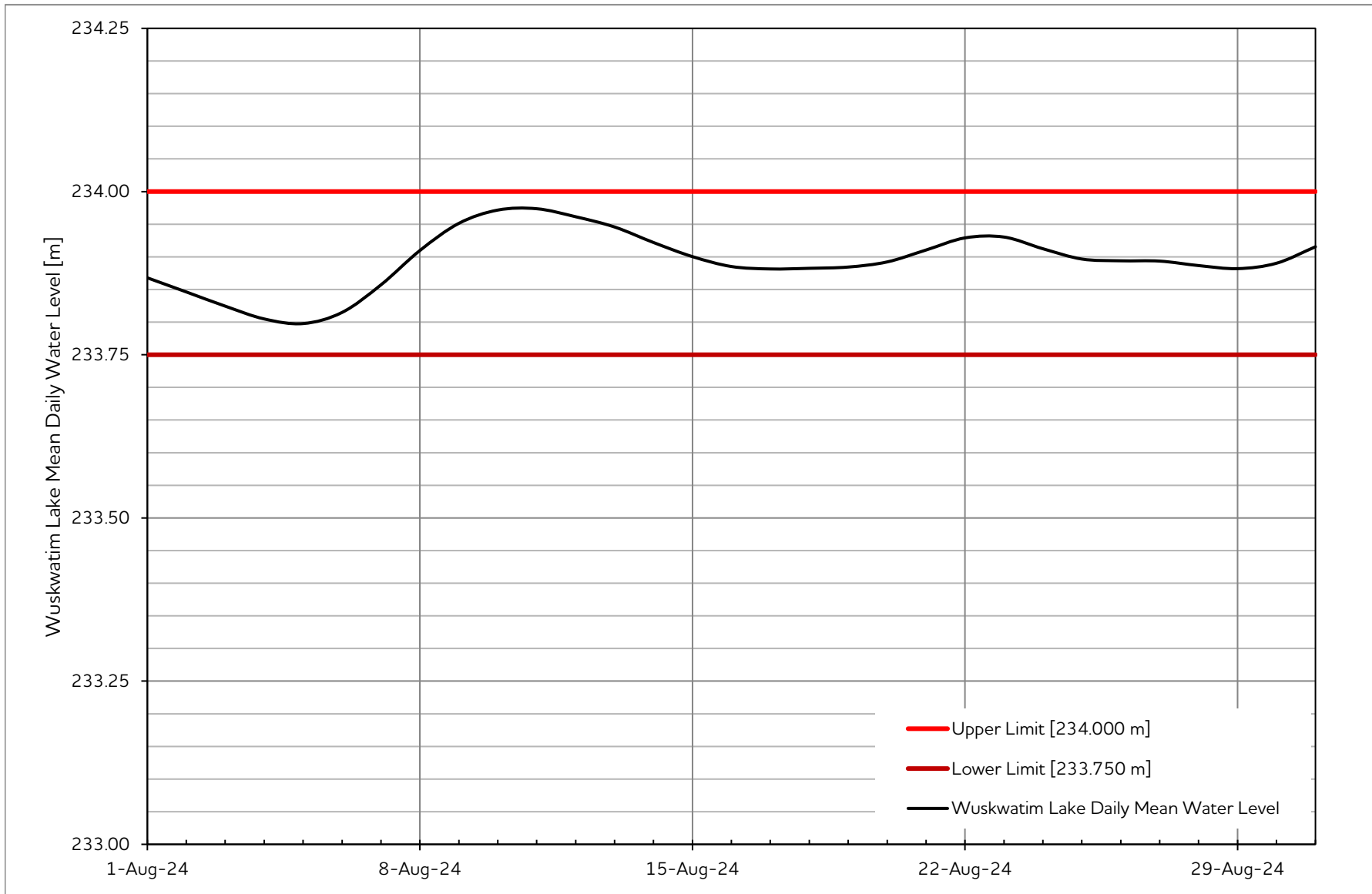


Figure 3

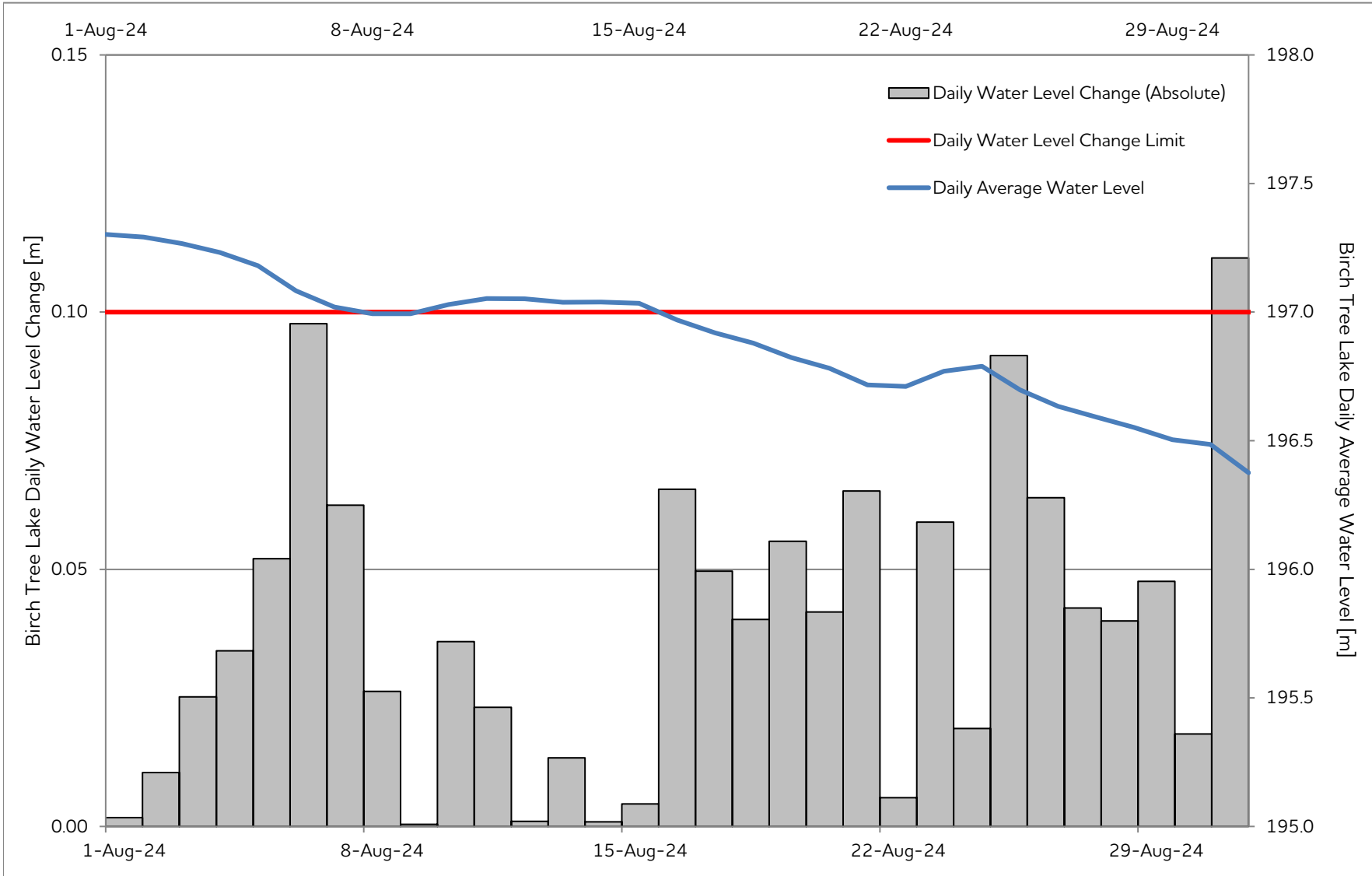
Wuskwatim Generating Station - Wuskwatim Lake Mean Daily Water Level  
Monthly Compliance Report for August 2024



Note: Wuskwatim Lake Mean Daily Water Level is calculated using Wuskwatim Lake gauges 05TF006, 05TF774, & 05TF775

Figure 4

**Wuskwatim Generating Station - Birch Tree Lake Daily Water Level Change  
Monthly Compliance Report for August 2024**



Note: The Birch Tree Lake Daily Water Level Change is calculated using Birch Tree Lake gauges 05TG701, 05TG746.  
The daily water level change limit is equal to 0.1 m in open water conditions (May 1 to October 31) and 0.15 m in winter conditions (November 1 to April 30)

Figure 5