

**Wuskwatim Generating Station**  
**Monthly Compliance Report for October 2016**

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 Birchtree Lake Daily Change in Water Level.

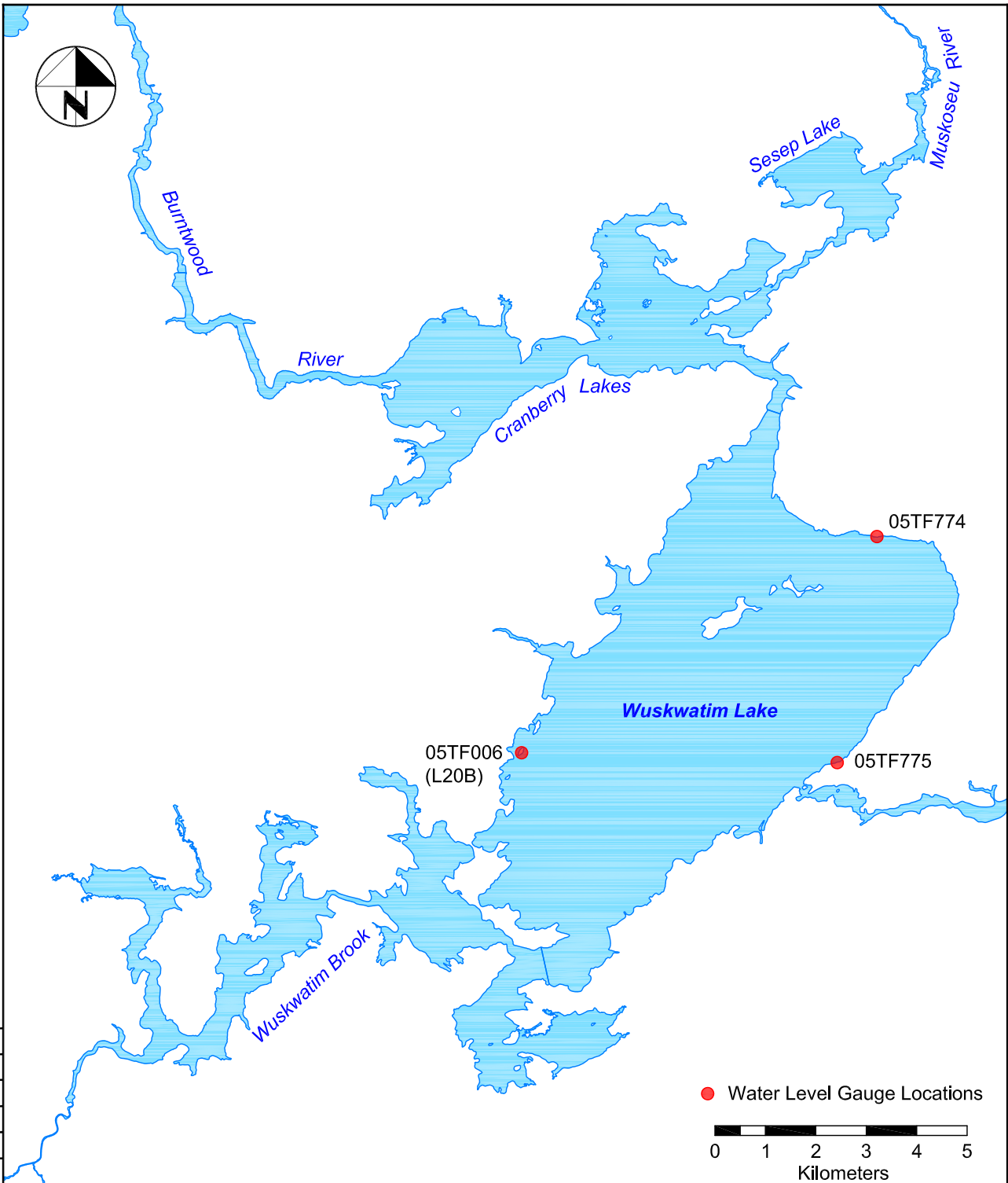
Figure 1 is a general location plan of the Wuskwatim Lake water level gauges used to generate the data for this report. Figure 2 is a general location plan of the Birchtree Lake water level gauges.

Wuskwatim Lake Hourly Water Levels ranged between 233.78 m and 233.99 m for the month of October (Figure 3).

Wuskwatim Lake Mean Daily Water Level (with wind and wave effects eliminated) ranged between 233.84 m and 233.94 m for the month of October (Figure 4).

The maximum Birchtree Lake Daily Change in Water Level was 0.11 m (Figure 5)  
On October 11, 2016 the Birchtree Lake Daily Water Level Change did not exceed 0.1 m.

The Department of Sustainable Development was notified of the licence violation.



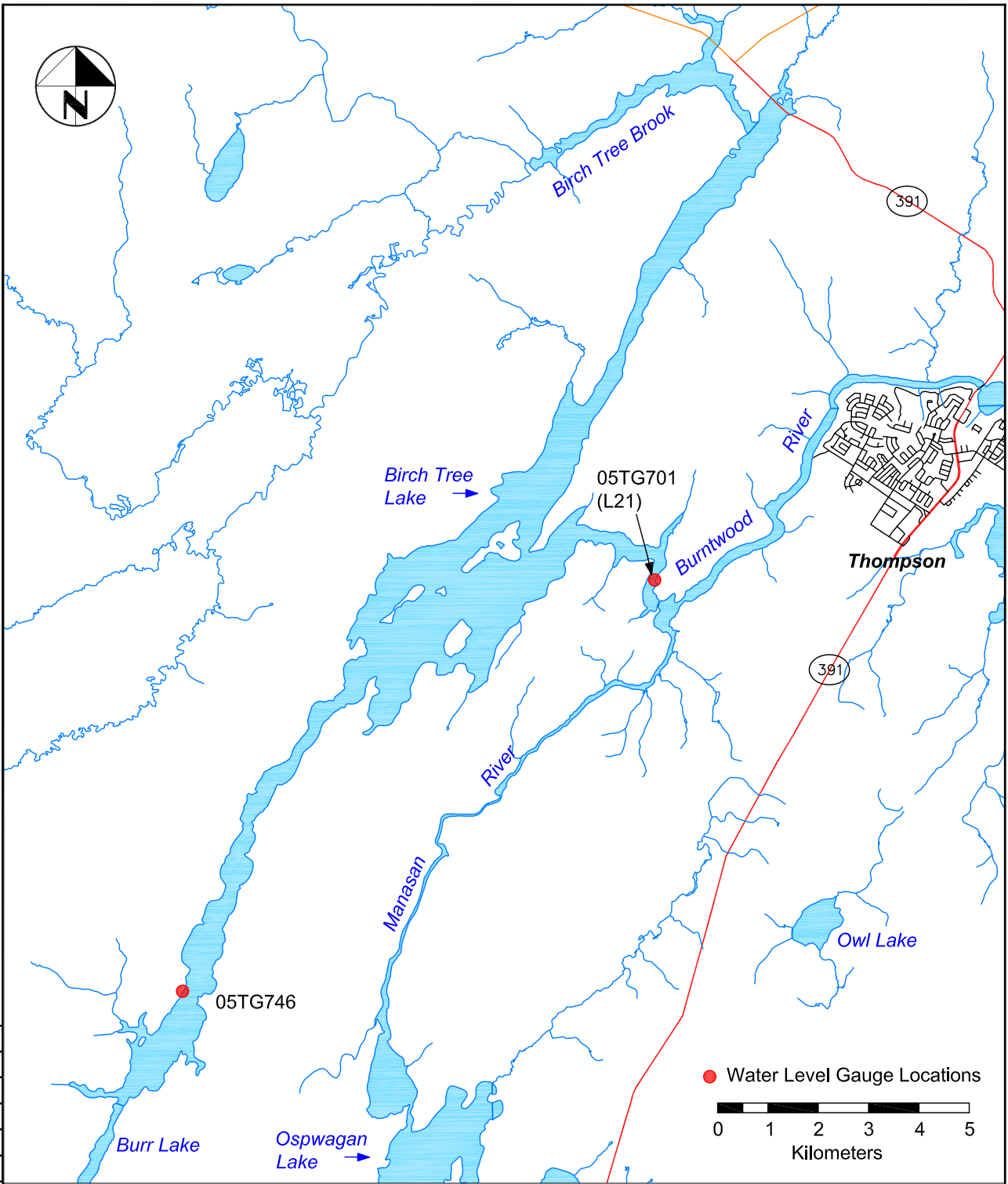
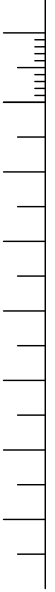
● Water Level Gauge Locations

0 1 2 3 4 5  
Kilometers

FOR MICROFILMING USE ONLY

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

AUTOCAD ORIGINAL



FOR MICROFILMING USE ONLY

NOTED	NO.	DATE	REVISIONS	BY	CKD.	APP.
DESIGN			MANITOBA HYDRO WUSKWATIM GENERATING STATION <b>WATER LEVEL GAUGE                      LOCATIONS ON                      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

FIGURE 2

AUTOCAD ORIGINAL

\* REDUCED SIZED PLOT

**Wuskwatim Generating Station - Wuskwatim Lake Hourly Water Levels**  
**Monthly Compliance Report for October 2016**

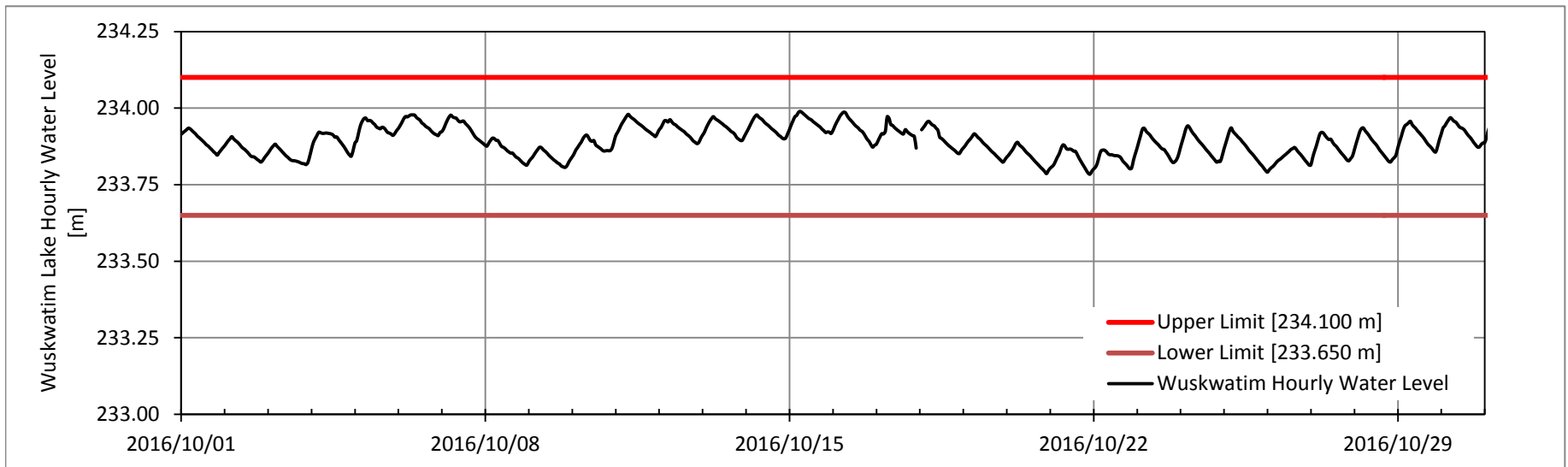
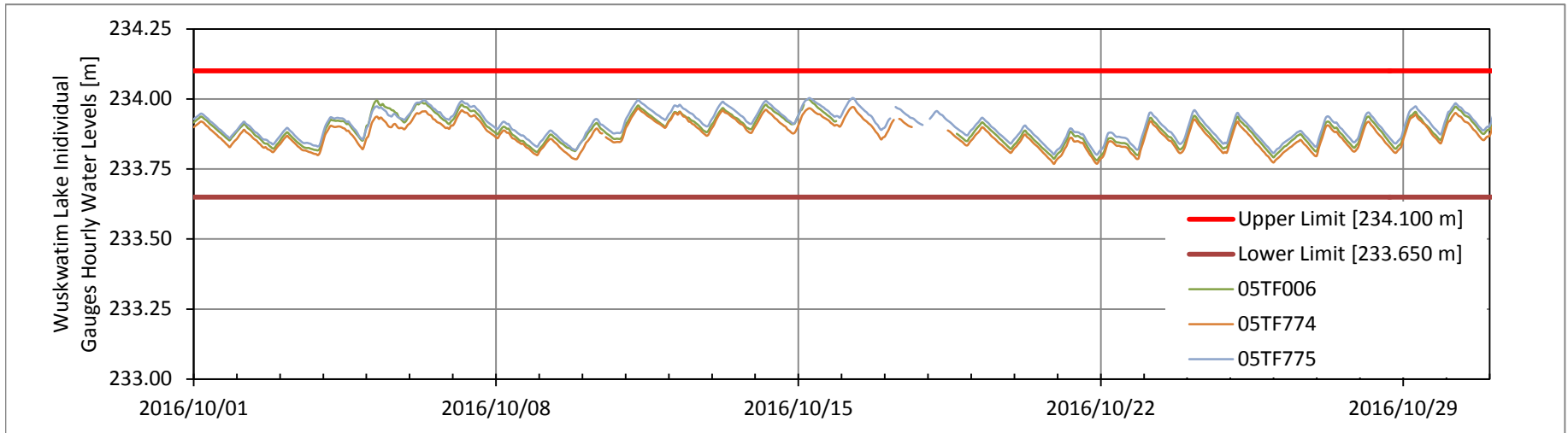
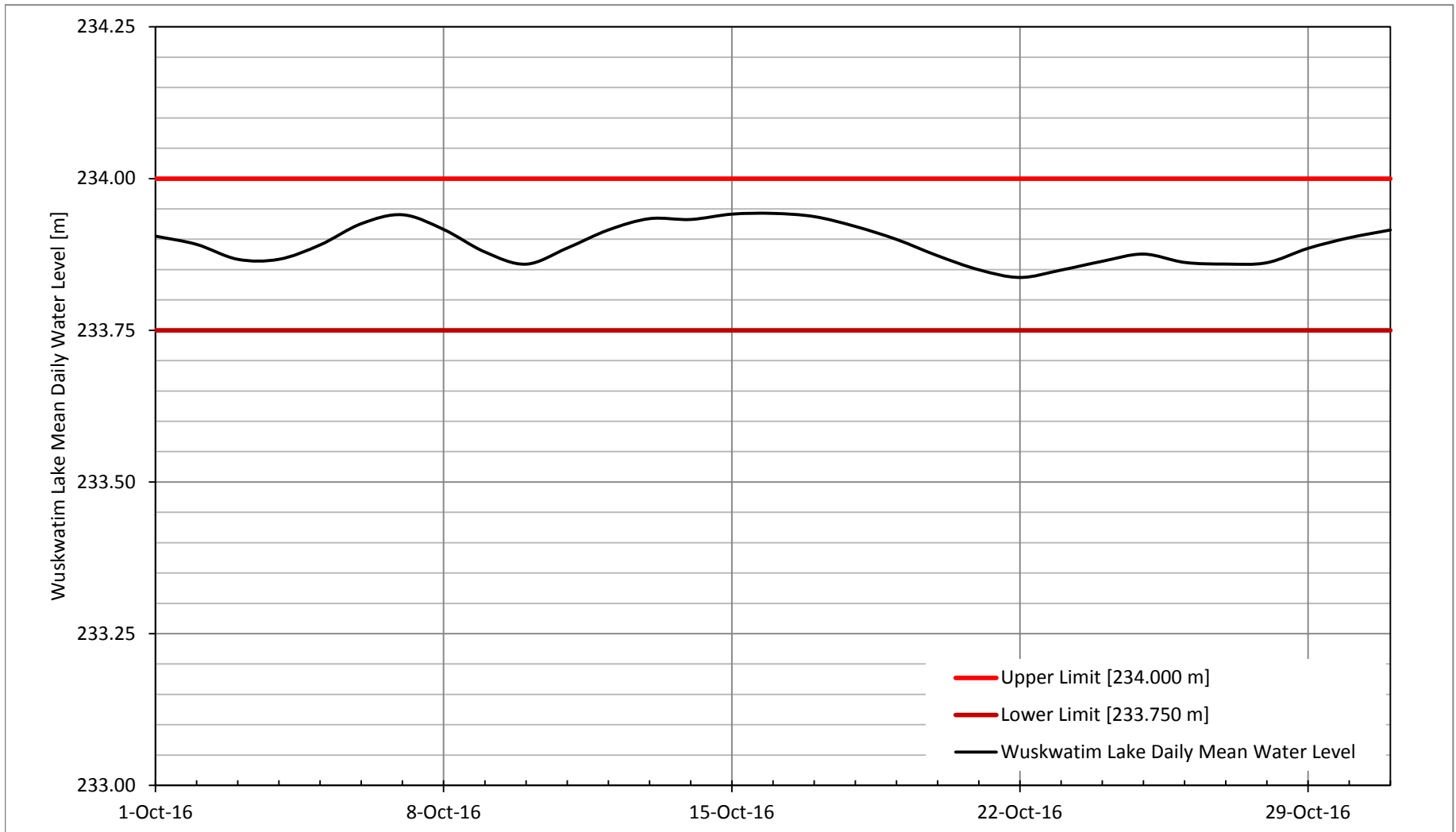


Figure 3

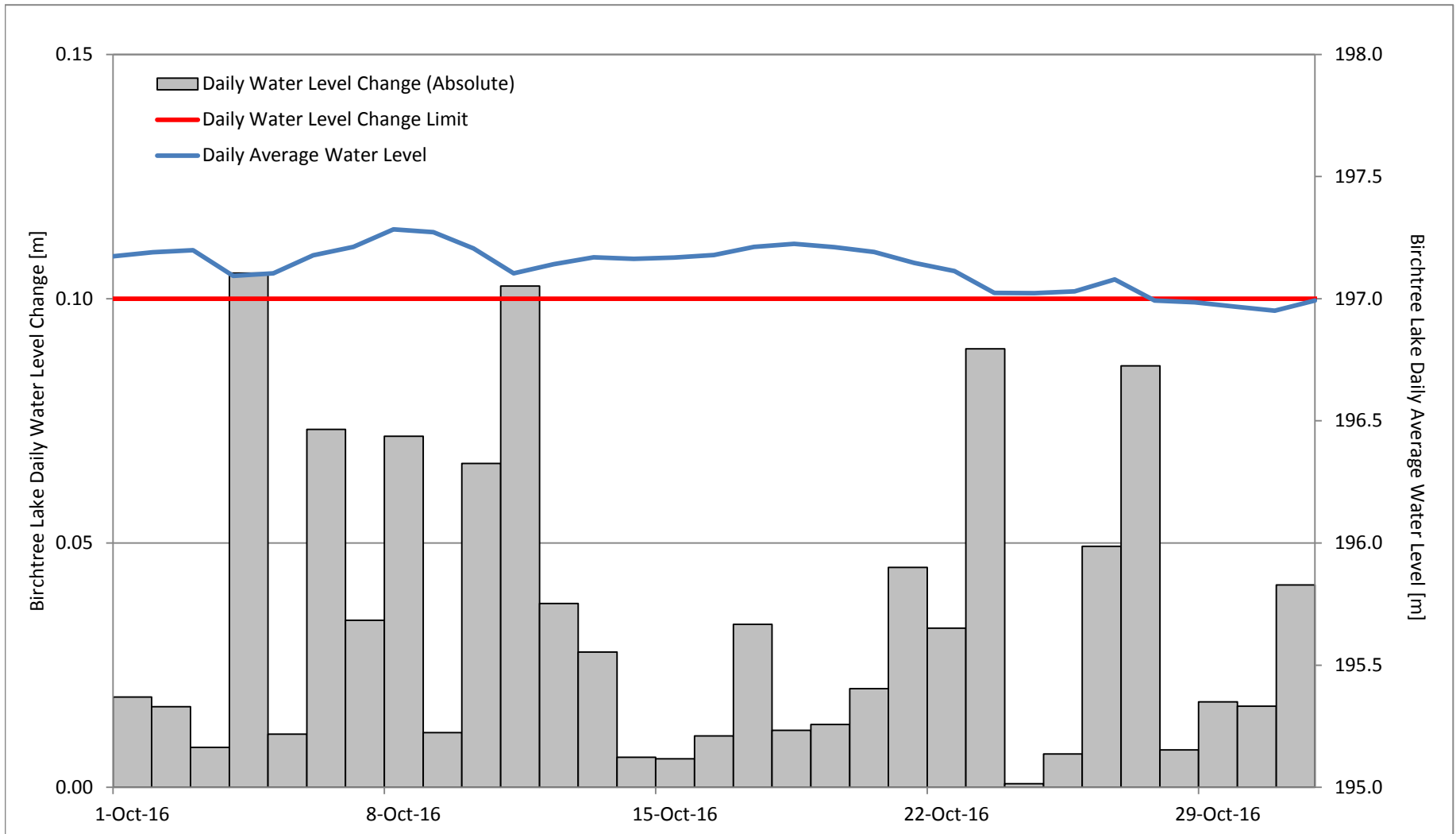
**Wuskwatim Generating Station - Wuskwatim Lake Mean Daily Water Level  
Monthly Compliance Report for October 2016**



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

Figure 4

**Wuskwatim Generating Station - Birchtree Lake Daily Water Level Change  
Monthly Compliance Report for October 2016**



Note: The Birchtree Lake Daily Water Level Change is calculated using Birchtree 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