

Hornsby Ku-Ring-Gai Hospital Stage 2

Revision 2, January 2021

Aquas Audit No.3, 4.2 findings, agreed noise monitoring to be equalised over 2 minutes. All exceedences from August 2019 are listed below:



Noise Monitoring (Exceedences)		
Date	Test Result	Comments
14-Aug-19	78.9dB Derby Road Stormwater Works (R2) 71.2dB Loading Bay (R2)	Stormwater works commenced, area was busy due to excavation and general traffic. Loading bay was relatively busy due to on site deliveries and general traffic
23-Sep-19	65.3dB Derby Road (R2)	General traffic on Derby Road
18-Oct-19	72.0dB Derby Road (R2)	Noise monitor to be recalibrated.
25-Oct-19	70.1dB Derby Road (R2)	Oncoming cars, delivery trucks
16-Dec-19	65.2dB Derby Road (R2)	Oncoming cars, delivery trucks
16-Jan-20	64.4dB Derby Road (R2)	Oncoming cars, delivery trucks
22-Jan-20	68.8dB Derby Road (R2)	Oncoming cars, delivery trucks - general traffic
10-Feb-20	62.6dB Derby Road (R2)	Oncoming cars, delivery trucks - general traffic
23-Mar-20	65.5dB Derby Road (R2)	Oncoming cars, delivery trucks - general traffic
03-Apr-20	62.2dB Derby Road (R2)	Oncoming cars, delivery trucks - general traffic
18-Apr-20	71.2dB Palmerston Rd (R4)	Excavation works, general traffic and airplane overhead
01-May-20	69.1dB Derby Road (R2) 73.4dB Palmerston Rd (R4)	Excavation works, general traffic
03-Jun-20	75.9dB Palmerston Rd (R4)	Noisy works from the formworkers, general traffic
30-Jul-20	63.2dB Derby Road (R2)	Oncoming cars, delivery trucks - general traffic
16-Sep-20	60.2dB Derby Road (R2)	Oncoming cars, delivery trucks - general traffic
25-Sep-20	64.8dB Derby Road (R2)	Oncoming cars, delivery trucks - general traffic
10-Oct-20	65.3dB Derby Road (R2)	General traffic on Derby Road
06-Nov-20	68.9dB Derby Road (R2)	Construction works opposite the hospital currently
17-Nov-20	62.1DB Derby Road (R2)	Bypassing cars
17-Nov-20	61.3.1DB Derby Road (R2)	Bypassing cars

Water Testing						
Date	Time	Turbidity (NTU)	pH	OK to discharge ?	Person/s conducting test	Notes
14-Sep-18	8:00 AM	23 NTU	6.77pH	YES	Helena Veljovic / Watpac	
19-Sep-18	7:32 AM	29 NTU	6.55pH	YES	Helena Veljovic / Watpac	
03-Oct-18	7:30 AM	22 NTU	6.99pH	YES	Helena Veljovic / Watpac	
10-Oct-18	7:40 AM	30 NTU	7.26pH	YES	Helena Veljovic / Watpac	
15-Oct-18	8:30 AM	44 NTU	7.58pH	YES	Thomas Horsley / Watpac	
22-Oct-18	11:40 AM	25 NTU	7.03pH	YES	Helena Veljovic / Watpac	
29-Oct-18	9:40 AM	20 NTU	6.36pH	YES	Helena Veljovic / Watpac	
06-Nov-18	11:00 AM	22 NTU	6.83pH	YES	Helena Veljovic / Watpac	
19-Nov-19	8:10 AM	19 NTU	6.81pH	YES	Helena Veljovic / Watpac	
27-Nov-18	9:30 AM	25 NTU	6.93pH	YES	Helena Veljovic / Watpac	
07-Dec-18	8:00 AM	49 NTU	6.94pH	YES	Helena Veljovic & Robert Brewer / Watpac	
07-Dec-18	10:30 AM	40 NTU	6.68pH	YES	Helena Veljovic / Watpac	A second test was conducted a few hours after the initial test. The test passes within the water guidelines and is fine to pump into the stormwater drains.
10-Dec-18	8:00 AM	12 NTU	6.64pH	YES	Helena Veljovic / Watpac	
17-Dec-18	8:30 AM	22 NTU	6.84pH	YES	Helena Veljovic / Watpac	
20-Dec-18	8:15 AM	22 NTU	6.75pH	NO	Helena Veljovic / Watpac	Turbidity test failed - water was not discharged - Delta to begin flocking
15-Jan-19	7:45 AM	26 NTU	6.75pH	YES	Helena Veljovic / Watpac	
26-Feb-19	9:15 AM	50 NTU	6.75pH	YES	Helena Veljovic / Watpac - Luke / Delta	
28-Feb-19	7:14 AM	21 NTU	6.72pH	YES	Helena Veljovic, Rob Brewer / Watpac - Luke / Delta	
04-Mar-19	7:15 AM	20 NTU	6.68pH	YES	Rob Brewer / Watpac	
20-Mar-19	7:35 AM	50 NTU	6.69pH	YES	Helena / Watpac - Luke / Delta	
21-Mar-19	7:15 AM	47 NTU	6.5pH	YES	Helena Veljovic & Robert Brewer / Watpac	
08-May-19	7:00 AM	42 NTU	6.95pH	YES	Helena Veljovic / Watpac	
02-Sep-19	3:15 PM	27 NTU	8.3pH	YES	Helena Veljovic / Watpac	
18-Sep-19	11:14 AM	40 NTU	7.7pH	YES	Helena Veljovic / Watpac	
13-Jan-20	12:30 PM	19 NTU	8.0pH	YES	Helena Veljovic / Watpac	
17-Mar-20	11:15 AM	41 NTU	8.3pH	YES	Helena Veljovic / Watpac	