



## Resource Management (National Environmental Standards for Air Quality) Regulations 2004 – Regulation 16A Exceptional Circumstances

### APPLICATION FORM

**Before completing this form** please read section 3.8 of the [2011 User's Guide to the revised National Environmental Standards for Air Quality](#).

**Need more help?** If you have any questions email [air@mfe.govt.nz](mailto:air@mfe.govt.nz).

**Please send your completed application form and all attachments** to [air@mfe.govt.nz](mailto:air@mfe.govt.nz).

Alternatively, if attachments are too large to email, please post hard copies of the application form and all attachments, along with a CD containing all files, to:

Air Quality NES Exceptional Circumstances  
Ministry for the Environment  
PO Box 10362  
Wellington 6143

1. Applicant details	
Name of regional council	Tasman District Council
Contact person	Anna MacKenzie
Position	Resource Scientist - Contaminants
Email address	anna.mackenzie@tasman.govt.nz
Telephone number	03 543 8400
Mobile number	
Postal address	Tasman District Council , 189 Queen Street, Private Bag 4, Richmond 7050
2. Details of exceedance event	
Contaminant	PM10 (24-hour average)
Date of exceedance <i>(must not be &gt;3 months from date this application is received)</i>	7 December 2019
Relevant airshed	Richmond Airshed

Monitoring station and technical specifications of monitor	Location: Plunket Rooms, 56 Oxford St, Richmond Instrument Specifications: Thermo FH62 C14 Beta Attenuation Monitor (FH62 BAM) with PM10 size selective inlet Partisol gravimetric sampler (R&P Model 2000) with PM10 and PM2.5 inlets Thermo Scientific BAM Model 5028i with PM10 and PM2.5 inlets			
Summary of monitoring reading showing exceedance event	The Richmond Airshed exceedance event was on 7 December 2019 with a 24-hour average PM <sub>10</sub> of 52 µg/m <sup>3</sup> Continuous PM <sub>10</sub> monitoring data at Richmond, Plunket stations showed elevated PM levels from early morning on 7 December through to evening on 7 December. This resulted in 24-hour averages of 52 µg m <sup>-3</sup> at the Plunket station and 48 µg m <sup>-3</sup> at the co-located 5028 BAM station. In the wider area, the neighboring Nelson Blackwood street monitoring site recorded 45µg m <sup>-3</sup> at their Tahunanui station on 7 December.			
Analysis of baseline data	See attached documentation			
Source speciation or other analysis	See attached documentation			
Explanation of any previous exceedance event/s from this monitoring station in the past 5 years	Previous exceedance from this monitoring station have been recorded over the winter periods (May to August), with no previous exceedance events in the summer months.			
Monitoring readings covering exceedance event	<input checked="" type="checkbox"/> Attached		<input type="checkbox"/> Not attached	
<b>3. Details of exceptional circumstances</b>				
Exceptional circumstances leading to exceedance	<input type="checkbox"/> Localised impact on a monitor	<input checked="" type="checkbox"/> Anthropogenic extreme event	<input checked="" type="checkbox"/> Natural disaster or natural extreme event	<input type="checkbox"/> Other
Explanation of circumstances leading to exceedance event	The plume of Australian dust storms and bushfires was blown to New Zealand in early December 2019. This plume dispersed over the north island on 6 December 2019 and is considered to be the cause of the PM <sub>10</sub> exceedances at Richmond on 7 <sup>th</sup> December 2019.			
Reasons why these circumstances were beyond the reasonable control of the regional council	The bushfires and dust storms are considered to be a combination of anthropogenic and natural extreme events occurring in Australia in combination with trans-Tasman meteorological conditions conducive to transport and fallout across areas of New Zealand. These events are well beyond the reasonable control of the Tasman District Council			
Supporting evidence (eg, meterological report)	<input checked="" type="checkbox"/> Attached		<input type="checkbox"/> Not attached	

Anna Mackenzie

27 Feb 2020

-----

-----

Dated

Signed