

25 February 2020



Dear

Local Government Official Information and Meetings Act 1987 (LGOIMA) request for fluoride measurements

I am writing in response to your request made on 26 January 2020 requesting the fluoride measurements of all water supplies for Dunedin City for 2017 and 2018.

Please find attached the measurements as requested, along with a map which indicates the fluoridated water areas within the Dunedin City boundaries. Please note that the fluoridated water supply areas are supplied by either the Mt Grand or Southern Water Treatment Plants.

Further information regarding Dunedin's water supply is available on the Dunedin City Council website https://www.dunedin.govt.nz/services/water-supply/treatment

Yours faithfully

Rebecca Murray

**Governance Support Officer** 

Mount Grand Post Treatment	Fluoride	04/07/2017	10:25	0.79 g/m³
Southern Post Treatment	Fluoride	04/07/2017	10:15	0.61 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	11/07/2017	13:05	0.78 g/m³
Southern Post Treatment	Fluoride	11/07/2017	13:20	0.73 g/m³
Mount Grand Post Treatment	Fluoride	20/07/2017	11:45	0.66 g/m³
Southern Post Treatment	Fluoride	20/07/2017	12:05	0.67 g/m³
Mount Grand Post Treatment	Fluoride	27/07/2017	10:05	0.8 g/m³
Southern Post Treatment	Fluoride	27/07/2017	10:26	0.78 g/m³
Mount Grand Post Treatment	Fluoride	01/08/2017	10:29	0.76 g/m³
Southern Post Treatment	Fluoride	01/08/2017	10:40	0.15 g/m³
Mount Grand Post Treatment	Fluoride	11/08/2017	12:35	0.74 g/m³
Southern Post Treatment	Fluoride	11/08/2017	12:35	0.73 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	18/08/2017	00:00:00	0.72 g/m³
Southern Post Treatment	Fluoride	18/08/2017	00:00:00	0.73 g/m³
Mount Grand Post Treatment	Fluoride	21/08/2017	10:50	0.69 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	21/08/2017	10:25	0.66 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	29/08/2017	12:40	0.64 g/m³
Southern Post Treatment	Fluoride	29/08/2017	12:30	0.67 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	04/09/2017	12:10	0.75 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	04/09/2017	12:15	0.73 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	13/09/2017	09:15	0.78 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	13/09/2017	09:35	0.72 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	21/09/2017	10:00	0.74 g/m³
Southern Post Treatment	Fluoride	21/09/2017	09:10	0.73 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	27/09/2017	10:20	0.76 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	27/09/2017	09:50	0.71 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	03/10/2017	00:00:00	0.77 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	03/10/2017	00:00:00	0.7 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	10/10/2017	08:50	0.77 g/m³
Southern Post Treatment	Fluoride	10/10/2017	09:10	0.7 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	19/10/2017	00:00:00	0.77 g/m³
Southern Post Treatment	Fluoride	19/10/2017	00:00:00	0.72 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	26/10/2017	10:15	0.76 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	26/10/2017	10:25	0.81 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	31/10/2017	11:45	0.76 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	31/10/2017	12:05	0.82 g/m³
Mount Grand Post Treatment	Fluoride	10/11/2017	10:04	0.75 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	10/11/2017	10:42	0.69 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	17/11/2017	09:30	0.72 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	17/11/2017	09:45	0.39 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	20/11/2017	10:15	0.66 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	20/11/2017	10:35	0.27 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	28/11/2017	10:35	0.23 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	28/11/2017	10:55	0.13 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	04/12/2017	00:00:00	0.79 g/m³
Southern Post Treatment	Fluoride	04/12/2017	00:00:00	0.79 g/m³
Mount Grand Post Treatment	Fluoride	13/12/2017	11:50	0.78 g/m³
Southern Post Treatment	Fluoride	13/12/2017	11:35	0.68 g/m³
Mount Grand Post Treatment	Fluoride	21/12/2017	09:06	0.78 g/m³
Southern Post Treatment	Fluoride	21/12/2017	09:22	0.7 g/m³
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Mount Grand Post Treatment	Fluoride	27/12/2017	12:20	0.79 g/m³
Southern Post Treatment	Fluoride	27/12/2017	13:05	0.67 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	02/01/2018	09:50	0.79 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	02/01/2018	10:10	0.73 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	14/03/2018	11:15	0.81 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	14/03/2018	11:00	$0.78 \text{ g/m}^3$
Mount Grand Post Treatment	Fluoride	22/03/2018	00:00:00	0.8 g/m³
Southern Post Treatment	Fluoride	22/03/2018	00:00:00	0.76 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	28/03/2018	12:05	$0.78 \text{ g/m}^3$
Southern Post Treatment	Fluoride	28/03/2018	11:50	$0.75 \text{ g/m}^3$
Mount Grand Post Treatment	Fluoride	03/04/2018	11:25	0.8 g/m³
Southern Post Treatment	Fluoride	03/04/2018	11:15	0.72 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	10/04/2018	10:35	0.79 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	10/04/2018	10:55	0.73 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	19/04/2018	11:20	0.76 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	19/04/2018	11:40	0.72 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	26/04/2018	10:00	0.77 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	26/04/2018	09:45	0.7 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	01/05/2018	09:58	0.74 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	01/05/2018	09:45	0.75 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	18/01/2018	09:22	0.77 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	18/01/2018	09:11	0.75 g/m³
Mount Grand Post Treatment	Fluoride	25/01/2018	10:35	0.73 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	25/01/2018	10:20	0.7 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	11/05/2018	10:35	0.79 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	11/05/2018	11:50	0.76 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	18/05/2018	11:30	0.78 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	18/05/2018	13:00	0.56 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	21/05/2018	10:40	0.79 g/m³
Southern Post Treatment	Fluoride	21/05/2018	10:20	0.54 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	29/05/2018	11:35	0.79 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	29/05/2018	11:15	0.75 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	04/06/2018	13:20	0.76 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	04/06/2018	13:10	0.7 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	13/06/2018	11:55	0.79 g/m³
Southern Post Treatment	Fluoride	13/06/2018	11:40	0.76 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	21/06/2018	10:40	0.76 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	21/06/2018	11:00	0.71 g/m³
Mount Grand Post Treatment	Fluoride	27/06/2018	13:20	0.77 g/m³
Southern Post Treatment	Fluoride	27/06/2018	13:40	0.62 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	04/07/2018	13:35	0.76 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	04/07/2018	13:25	0.7 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	10/07/2018	10:55	0.79 g/m³
Southern Post Treatment	Fluoride	10/07/2018	10:45	0.71 g/m³
Mount Grand Post Treatment	Fluoride	19/07/2018	11:45	0.76 g/m³
Southern Post Treatment	Fluoride	19/07/2018	11:30	0.66 g/m³
Mount Grand Post Treatment	Fluoride	26/07/2018	10:10	0.74 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	26/07/2018	09:50	0.68 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	31/07/2018	10:35	0.75 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	31/07/2018	10:15	0.58 g/m <sup>3</sup>
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Mount Grand Post Treatment	Fluoride	10/08/2018	10:40	0.77 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	10/08/2018	11:00	0.74 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	17/08/2018	11:30	0.79 g/m³
Southern Post Treatment	Fluoride	17/08/2018	11:55	0.55 g/m³
Mount Grand Post Treatment	Fluoride	20/08/2018	11:45	0.8 g/m³
Southern Post Treatment	Fluoride	20/08/2018	10:45	0.51 g/m³
Mount Grand Post Treatment	Fluoride	28/08/2018	08:10	0.75 g/m³
Southern Post Treatment	Fluoride	28/08/2018	08:25	0.74 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	03/09/2018	09:00	0.74 g/m³
Southern Post Treatment	Fluoride	03/09/2018	09:20	0.72 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	12/09/2018	08:15	0.78 g/m³
Southern Post Treatment	Fluoride	12/09/2018	08:30	0.66 g/m³
Mount Grand Post Treatment	Fluoride	20/09/2018	08:10	0.78 g/m³
Southern Post Treatment	Fluoride	20/09/2018	08:30	0.63 g/m³
Mount Grand Post Treatment	Fluoride	26/09/2018	10:25	0.78 g/m³
Southern Post Treatment	Fluoride	26/09/2018	11:05	0.8 g/m³
Mount Grand Post Treatment	Fluoride	30/01/2018	09:35	0.68 g/m³
Southern Post Treatment	Fluoride	30/01/2018	09:20	0.66 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	09/10/2018	08:15	0.8 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	09/10/2018	08:30	0.76 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	18/10/2018	09:20	0.75 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	18/10/2018	09:30	0.69 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	25/10/2018	00:00:00	0.73 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	25/10/2018	00:00:00	0.67 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	30/10/2018	08:10	0.69 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	30/10/2018	08:25	0.75 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	09/11/2018	12:35	0.74 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	09/11/2018	12:45	0.74 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	16/11/2018	11:55	0.7 g/m³
Southern Post Treatment	Fluoride	16/11/2018	12:30	0.67 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	19/11/2018	11:38	0.71 g/m³
Southern Post Treatment	Fluoride	19/11/2018	11:20	0.67 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	27/11/2018	08:10	0.81 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	27/11/2018	08:40	0.74 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	03/12/2018	08:45	0.68 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	03/12/2018	08:30	0.66 g/m³
Mount Grand Post Treatment	Fluoride	09/02/2018	10:05	0.87 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	09/02/2018	10:33	0.77 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	12/12/2018	13:05	0.75 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	12/12/2018	13:15	0.76 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	20/12/2018	12:20	0.79 g/m³
Southern Post Treatment	Fluoride	20/12/2018	12:00	0.78 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	26/12/2018	12:20	0.78 g/m³
Mount Grand Post Treatment	Fluoride	26/12/2018	12:40	0.75 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	31/12/2018	11:45	0.79 g/m³
Southern Post Treatment	Fluoride	31/12/2018	12:00	0.78 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	09/01/2018	10:25	0.75 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	09/01/2018	10:45	0.71 g/m³
Mount Grand Post Treatment	Fluoride	16/02/2018	09:55	0.8 g/m <sup>3</sup>
Southern Post Treatment	Fluoride	16/02/2018	09:46	0.71 g/m <sup>3</sup>

Mount Grand Post Treatment	Fluoride	19/02/2018	10:10	0.8 g/m³
Southern Post Treatment	Fluoride	19/02/2018	09:45	$0.72 \text{ g/m}^3$
Mount Grand Post Treatment	Fluoride	27/02/2018	10:35	$0.83 \text{ g/m}^3$
Southern Post Treatment	Fluoride	27/02/2018	10:50	0.81 g/m <sup>3</sup>
Mount Grand Post Treatment	Fluoride	05/03/2018	00:00:00	$0.81 \text{ g/m}^3$
Southern Post Treatment	Fluoride	05/03/2018	00:00:00	$0.79 \text{ g/m}^3$

