



**REPORT**

**Omya Canada Inc. Permit to Take Water  
(8030-82RPF4)**

*2020 Annual Monitoring Report*

Submitted to:

**Omya Canada Inc.**

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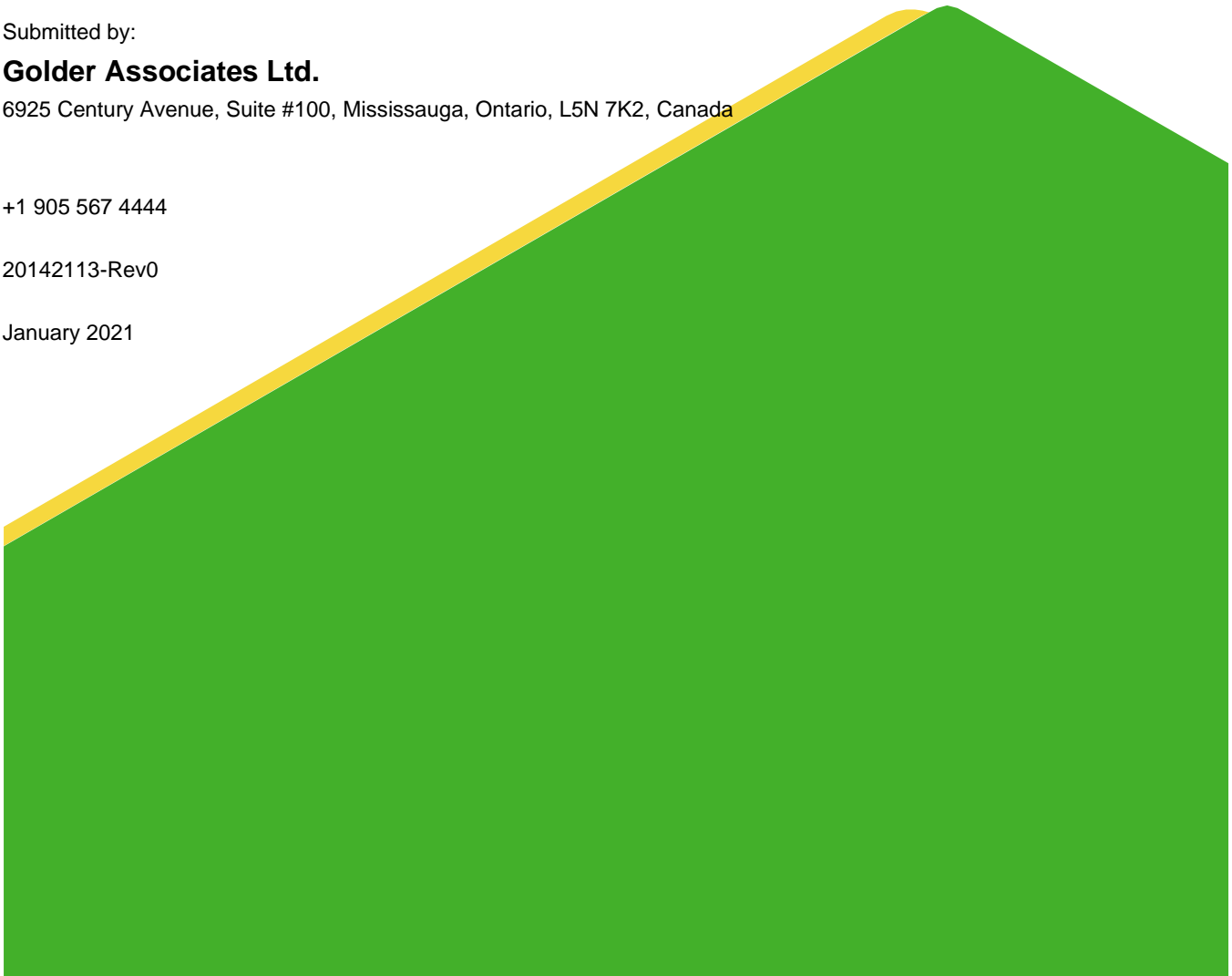
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## Distribution List

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## 1.0 INTRODUCTION

In 2020, Golder Associates Ltd. (Golder), on behalf of Omya Canada Inc. (Omya), completed monitoring of the Tay River and groundwater wells as required for Permit to Take Water Number 8030-82RPF4 (PTTW), in Perth Ontario (Figure 1). Omya has been completing flow monitoring in support of the PTTW since 2003. The following report summarizes the monitoring completed in 2020 as required under the PTTW. PTTW Number 3030-82RFP4 expired on March 1, 2020. An application to renew the PTTW was submitted to the Ministry of Environment, Conservation and Parks (MECP) on December 11, 2019. While reviewing the PTTW renewal application, permission was granted by the PTTW Director to continue water takings permitted under PTTW Number 8030-82RPF4 until such time that a new PTTW was issued.

The PTTW renewal was provided January 18, 2021 (Number P-300-1069049907). However, this report summarizes the monitoring completed in 2020, as required by the previous permit (8030-82RPF4). The reporting requirements detailed in the PTTW renewal will be summarized as part of the 2021 monitoring report.

## 2.0 MONITORING

### 2.1 Streamflow Monitoring

The Tay River is controlled upstream by the Bolingbroke Dam at Bob's Lake. A hydrometric monitoring station, including a staff gauge, water level transducer and datalogger, was previously installed by Omya to monitor water levels within the Tay River near Bowes Road, downstream of the Bolingbroke Dam.

The 2020 flow monitoring data generally align with the existing stage discharge rating curve and no modifications were needed. Daily open water streamflow conditions were derived from daily water level records at the hydrometric station using the stage discharge rating curve. Streamflow records were adjusted to account for ice cover conditions, when present, based on Water Survey of Canada standards. The open water rating curve was reviewed and found to not be representative of iced conditions. To adjust for ice cover conditions, a second stage discharge relationship was developed, following the collection of the monitoring data, using desktop analysis to estimate stream flow under ice conditions. Monitoring records were summarized in a format that would be acceptable for inclusion in the Water Survey of Canada Hydrometric Database (HYDAT). Stream flow monitoring data were compared to nearby gauging stations, including the Tay River at Perth station (#02LA024) maintained by Water Survey of Canada (WSC) and the Tay River at Bobs Lake station (#02LA017) maintained by Parks Canada.

### 2.2 Omya Daily Water Takings

Daily surface water takings were recorded, at the Omya water intake facility near Bowes Road, using the existing flow meter and totalizer. The flow meter was factory calibrated and is manually checked annually by Omya to confirm its accuracy.

Daily peak and daily total groundwater takings are recorded for each well at the Omya plant site (PW1, PW2, PW3, PW4, PW5, PW6, RW1, DP1, and W1) on a continuous basis using a flow meter and totalizer. The pumps at each well are controlled to shut down if they reach the daily limit. The pumps are also designed not to exceed the instantaneous water taking rates and therefore, Omya is confident that the daily and instantaneous limits were not exceeded in 2020.

## 3.0 RESULTS

### 3.1 Streamflow Data

Table 1 summarizes daily discharge (stream flow) at the hydrometric station for the period of January 1, 2020 through December 31, 2020. The streamflow recorded at the Bowes Road hydrometric station are displayed on Figure 2. The maximum streamflow measurement recorded throughout the monitoring period was 16.00 m<sup>3</sup>/s and the minimum streamflow measurement recorded throughout the monitoring period was 1.13 m<sup>3</sup>/s.

Table 1: Daily Average Discharge (m<sup>3</sup>/s) at the Omya Hydrometric Station for 2020

Day	Flow (m <sup>3</sup> /s)											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	5.42 B	8.11 B	5.12 B	10.11	5.50	3.51	1.71	2.36	5.27	3.71	4.88	3.20
2	5.42 B	7.85 B	1.95 B	8.79	5.70	3.48	1.58	2.60	5.42	3.98	5.12	3.64 B
3	5.50 B	7.63 B	1.95 B	7.52	5.99	3.43	1.56	3.21	5.66	3.94	5.07	4.18 B
4	5.74 B	7.45 B	2.31 B	5.82	6.16	3.43	1.50	3.32	5.64	4.13	4.74	4.40 B
5	5.62 B	7.19 B	2.36 B	4.53	5.96	3.26	1.47	4.11	5.65	4.28	4.55	4.64 B
6	5.21 B	6.39 B	2.34 B	3.45	5.36	3.08	1.47	5.13	5.48	4.34	4.40	4.74 B
7	5.42 B	5.82 B	2.23 B	2.50	4.62	2.91	1.42	5.89	5.35	4.35	4.24	4.77 B
8	5.27 B	6.79 B	2.28 B	3.81	4.11	2.60	1.50	6.50	5.30	4.44	3.87	4.77 B
9	6.89 B	7.56 B	2.50	4.59	3.47	2.71	1.50	6.99	5.12	4.26	3.49	4.80 B
10	10.05 B	10.38 B	4.32	3.64	2.95	2.40	1.52	7.33	4.93	4.18	3.25	5.08 B
11	5.13 B	4.69 B	5.89	2.96	2.29	2.40	1.52	7.52	4.79	4.08	3.04	5.14 B
12	6.51 B	4.53 B	5.38	2.52	3.48	2.52	1.85	7.66	4.72	3.82	2.96	5.30 B
13	5.82 B	4.41 B	5.48	2.14	4.00	2.30	1.79	7.51	4.73	3.77	2.67	5.49 B
14	5.08 B	5.77 B	8.94	3.86	3.66	2.01	1.70	7.28	5.04	3.76	2.52	5.72 B
15	4.55 B	7.89 B	8.11	3.09	3.66	1.91	1.53	7.02	5.02	3.63	2.28	5.69 B
16	4.19 B	5.25 B	6.86	2.76	3.89	1.89	1.45	6.64	5.03	3.64	2.44	6.95 B
17	4.65 B	4.56 B	6.97	2.40	3.76	1.89	1.57	6.56	5.09	3.43	2.25	5.36 B
18	5.57 B	4.44 B	6.46	2.04	3.79	1.83	1.64	6.28	4.85	3.41	1.94	4.77 B
19	10.55 B	4.59 B	6.75	1.79	3.71	1.77	1.62	5.89	4.72	3.34	1.76	3.90 B
20	13.51 B	4.26 B	7.04	1.69	3.71	1.71	1.74	5.53	4.43	3.59	1.55	5.05 B
21	14.10 B	6.03 B	9.32	1.57	3.61	1.65	1.65	5.29	4.19	3.54	1.42	5.05 B
22	16.00 B	3.74 B	8.56	1.93	3.48	1.64	- <sup>(1)</sup>	5.16	3.93	3.77	1.13	4.99 B
23	8.29 B	3.39 B	8.45	1.81	3.36	1.60	1.98	4.89	3.72	3.75	1.34	4.99 B
24	12.20 B	3.10 B	8.56	1.79	3.31	1.58	1.79	4.95	3.49	- <sup>(1)</sup>	1.34	4.77 B
25	10.80 B	2.90 B	8.75	2.16	3.06	1.67	1.73	4.82	3.27	4.05	1.19	7.46 B
26	11.03 B	2.67 B	8.75	2.56	3.41	1.50	1.75	4.72	3.17	4.06	1.37	9.30 B
27	11.18 B	2.56 B	9.17	2.78	3.41	1.41	1.92	4.62	3.10	4.26	1.53	9.98 B
28	11.03 B	3.19 B	9.09	3.12	3.43	1.93	1.96	4.60	3.05	4.49	1.61	9.49 B
29	10.87 B	2.81 B	8.94	3.42	3.51	1.95	1.93	4.34	2.91	4.77	1.80	9.30 B
30	12.73 B	-	10.61	3.80	3.61	1.81	2.03	5.36	3.07	4.75	1.96	10.90 B
31	12.35 B	-	10.69	-	3.69	-	2.28	5.15	-	4.82	-	8.81 B
Monthly High Flow	16.00	12.58	12.89	12.31	6.16	3.51	2.28	7.66	5.66	4.82	5.12	10.90
Monthly Low Flow	4.19	4.76	4.15	1.57	2.29	1.41	1.42	2.36	2.91	3.34	1.13	3.20

Notes: B – Ice conditions, <sup>(1)</sup> Daily total flow data not available at monitoring station

The rise in flow seen between January 19 and 23, 2020 was likely attributed to a 49.2 mm rainfall event that occurred on January 11 (weather data from Drummond Centre Ontario, Climate ID 6102J13), the peak flows reported during a period of ice cover is reported with less confidence than those of open water.

### 3.2 Omya Water Taking Data

Daily surface water takings from the Tay River recorded at the Omya water intake facility are presented in Table 2 and Figure 3 for the period of January 1, 2020 to December 31, 2020.

**Table 2: Daily Surface Water Takings (m<sup>3</sup>) for 2020**

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	88.4	269.8	256.3	414.2	0.3	133.7	217.3	493.9	403.7	623.8	351.4	563.5
2	259.7	283.1	374.8	316.5	420.1	79.5	191.5	396.5	390.0	351.9	530.3	354.2
3	273.3	405.5	321.2	97.3	148.5	133.7	158.0	431.0	141.7	225.9	155.9	314.6
4	283.9	343.0	206.9	533.4	184.9	126.3	396.5	397.8	165.0	65.3	709.7	333.8
5	325.3	296.0	367.9	465.0	220.1	247.9	220.3	244.9	191.0	426.3	374.3	224.6
6	399.6	383.8	364.5	228.9	375.0	416.5	353.9	307.1	68.1	419.6	433.6	321.5
7	246.6	329.4	237.6	172.9	232.0	285.6	447.0	301.1	358.8	382.3	438.4	182.4
8	124.2	255.2	351.8	192.1	298.4	345.8	320.6	278.4	144.6	243.1	394.3	284.9
9	221.5	223.0	188.9	235.5	265.0	304.7	272.0	299.6	408.3	350.1	317.5	28.7
10	106.6	322.2	414.3	0.4	172.5	121.3	178.7	309.9	251.3	65.6	482.1	335.3
11	151.2	421.8	456.2	168.5	335.9	157.9	280.4	305.0	222.5	301.7	341.6	180.2
12	241.4	170.4	368.1	130.1	124.0	267.9	172.5	268.3	237.6	316.8	403.8	26.2
13	253.1	436.4	264.5	242.8	359.8	115.8	458.0	568.5	407.7	440.5	253.3	322.8
14	231.6	202.0	260.7	216.4	238.2	127.2	389.9	311.4	475.2	427.4	207.2	199.6
15	228.7	265.8	234.0	0.3	21.1	285.8	320.5	337.1	481.7	107.4	43.3	176.1
16	87.8	287.9	327.7	239.3	253.6	317.1	341.6	222.7	167.1	536.3	155.9	286.2
17	134.6	324.8	244.7	178.1	134.6	1.0	212.6	353.8	184.3	393.5	838.0	326.9
18	294.6	166.8	117.7	106.0	0.4	275.1	147.0	151.5	122.3	393.4	293.2	253.2
19	171.9	376.0	669.3	113.4	134.3	360.0	181.5	416.1	376.4	205.9	363.1	154.3
20	240.7	277.8	385.4	529.1	7.9	222.2	429.9	358.8	391.7	268.8	377.4	238.9
21	311.2	385.9	326.3	231.8	177.5	230.0	355.7	248.0	434.0	261.2	276.7	249.0
22	366.2	250.9	420.2	0.5	117.4	99.4	471.2	109.4	523.4	280.5	364.8	352.2
23	405.4	327.8	493.7	56.5	82.6	389.3	499.5	0.4	422.0	150.5	230.8	335.8
24	269.6	375.7	432.6	192.7	200.2	350.2	254.1	389.5	164.9	357.2	339.7	272.3
25	68.7	242.3	443.4	97.8	259.1	246.1	321.2	439.4	339.2	415.1	408.9	278.5
26	117.3	426.0	353.2	220.6	90.0	107.5	309.0	684.1	253.4	486.5	399.9	146.7
27	451.8	309.6	229.5	172.6	150.9	133.1	416.0	351.6	307.7	177.5	215.8	343.7
28	484.0	222.5	170.0	231.7	178.3	86.5	311.4	251.1	196.6	241.2	312.8	285.3



Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
29	106.9	369.2	223.2	188.2	202.2	63.2	564.0	287.3	194.7	729.5	331.9	361.1
30	286.3	-	341.8	0.3	233.7	241.0	547.4	278.8	503.3	347.4	219.4	272.8
31	511.7	-	336.5	-	11.5	-	500.5	429.7	-	306.8	-	398.4
Monthly Max Water Taking	511.74	436.36	669.30	533.37	420.07	416.46	564.03	684.08	523.44	729.54	837.98	563.52
Monthly Min Water Taking	68.68	166.84	117.66	0.26	0.28	0.97	147.00	0.41	68.15	65.27	43.34	26.17

Total daily groundwater takings from the on-site wells are summarized in Table 3 and Figure 4 for the period of January 1, 2020 to December 31, 2020. Daily maximum and average water takings from each individual well are presented on Figures 5 to 13.

**Table 3: Total Daily Groundwater Takings (m<sup>3</sup>) for 2020**

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	5	6	5	6	6	7	6	6	7	6	4	4
2	7	5	7	7	6	6	6	5	7	7	5	4
3	6	7	7	7	5	8	6	6	7	5	5	5
4	5	8	7	6	6	7	6	6	6	5	5	4
5	6	7	7	6	7	6	5	6	6	7	5	3
6	7	6	7	7	7	6	6	6	6	6	5	5
7	7	7	5	6	6	5	7	6	5	6	4	5
8	7	5	6	7	7	6	6	6	6	7	4	5
9	6	5	7	6	6	7	6	6	7	6	5	5
10	6	7	7	6	5	6	7	6	6	5	5	5
11	6	7	8	6	7	6	5	6	6	6	6	5
12	5	7	12	6	7	7	5	7	6	5	5	4
13	7	7	8	6	6	5	7	6	5	6	5	4
14	6	7	6	7	7	7	7	6	6	7	5	6
15	6	5	5	6	6	7	6	6	8	6	4	6
16	5	6	7	7	6	7	7	5	8	6	5	6
17	6	6	9	7	6	6	6	6	7	6	6	5
18	5	6	6	6	5	6	6	7	7	6	5	5

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
19	6	7	7	6	6	7	6	6	5	9	5	4
20	7	7	7	7	7	5	6	6	5	7	6	4
21	7	7	6	6	6	5	6	7	6	7	3	5
22	6	6	5	6	6	6	6	5	6	6	3	5
23	7	5	6	7	6	6	6	5	6	7	4	5
24	6	7	7	6	5	6	6	7	6	6	4	5
25	5	7	7	5	6	7	6	6	6	5	4	4
26	6	7	6	6	8	6	5	7	6	6	5	4
27	8	7	7	6	8	5	6	7	5	7	4	5
28	7	7	6	7	6	6	7	6	6	6	3	4
29	7	5	6	7	8	6	6	5	7	6	3	5
30	7	-	7	6	6	6	6	6	6	5	4	5
31	7	-	6	-	6	-	7	8	-	4	-	5
Monthly Max Water Taking	7.66	7.89	11.50	6.95	7.86	7.51	7.17	7.86	7.91	8.67	5.76	5.74
Monthly Min Water Taking	5.16	5.27	5.23	5.49	5.17	5.14	5.18	5.25	5.13	4.03	2.69	3.21

### 3.3 Groundwater Levels

In reference to Condition 4.1.3 of the PTTW, water was not taken from the combined Site wells at a rate greater than 50,000 Litres per day, for more than seven consecutive days. Review comments from the Ministry of Environment and Climate Change groundwater reviewer on the 2016 annual report (received March 30, 2017) clarified that Condition 4.1.3 required measuring water levels at a spare production well as well as measuring water levels at monitoring wells on a monthly basis (once this condition was triggered). Monthly water levels were measured at production well PW1 on a monthly basis, starting on January 19, 2018, and continued into 2020 as can be seen in Table 4. Water levels remained fairly constant within the well throughout the year. The lowest levels were recorded in the summer and early fall months, with the exception of a value of 5.84 m recorded on October 13, 2020.

**Table 4: Production Well PW1 Manual Water Level Measurements**

Measurement Date	Water Level Below Top of Pipe (m)
15-Jan-20	2.69
10-Feb-20	3.06
09-Mar-20	2.86
08-Apr-20	2.74
01-May-20	2.98
16-Jun-20	3.41
14-Jul-20	3.59
17-Aug-20	3.73
11-Sep-20	3.67
13-Oct-20	5.84
09-Nov-20	3.37
02-Dec-20	2.99

As per Condition 4.1.3, in lieu of monthly monitoring at the other monitoring wells, the 2020 groundwater levels recorded hourly at monitoring well M3, the Provincial Groundwater Monitoring Network (PGMN) well W083 (located South of the Omya plant off Christie Lake Road), are presented on Figure 14.

## 4.0 DATA ANALYSIS

### 4.1 Water Takings

Total surface water takings did not exceed the permitted value of 1,483 m<sup>3</sup>/day in 2020 (for the surface water record stated in Section 2.2). Additionally, the recorded maximum instantaneous rates did not exceed the permitted amount of 1,030 L/min during the available 2020 monitoring period.

The total combined daily groundwater takings were below the limit of 875,534 Litres per day (875.5 m<sup>3</sup>/day) permitted under Condition 3.5 of the PTTW during 2020 (Figure 4). The maximum water taking rates for individual wells were not exceeded during 2020 (Figures 5 to 13).

As per Condition 4.1.4 of the PTTW, process wells PW1 through PW6 were not used, beyond maintenance flows (i.e., pumps regularly circulate small volumes of water to confirm proper operation), for more than 30 consecutive

days or a total of 60 days between January 1, 2020 and December 31, 2020. As such, a summary review of water taking from these wells is not required for the 2020 report as per this condition of the PTTW.

Groundwater elevations at the PGMN well W083 did not change substantially over the monitoring period.

## 4.2 Surface Water Taking Cut Off Conditions

Condition 4.2.11 of the PTTW states that the surface water takings are not to occur when the discharge at the hydrometric station is measured to be equal to or less than 1 m<sup>3</sup>/s. Omya maintained a hydrometric station throughout the monitoring period to monitor streamflow within the Tay River. Within the monitoring period, the Tay River discharge was not less than or equal to 1 m<sup>3</sup>/s on any day in 2020.

## 5.0 SUMMARY

For the 2020 monitoring period, the following summary statements can be made:

- 1) The daily surface water taking from the Tay River did not exceed the permitted amount of 1,483 m<sup>3</sup>/day in 2020. Additionally, the maximum instantaneous water taking did not exceed the 1,030 L/min limit in 2020.
- 2) The maximum total daily groundwater taking volume did not exceed the permitted amount of 875.5 m<sup>3</sup>/day in 2020. The maximum per minute water taking rates were not exceeded at any wells in 2020.
- 3) Groundwater was not taken at a rate greater than 50,000 Litres per day, for more than seven consecutive days. Manual measurements from PW1, have been collected and can be found in Table 4.
- 4) During 2020, Omya did not receive any water well interference complaints.

## 6.0 CLOSURE

We trust that this report is sufficient for your current requirements. Should you have questions regarding the content please contact the undersigned.

# Signature Page

## Golder Associates Ltd.



Craig De Vito, PEng  
*Water Resources Engineer*



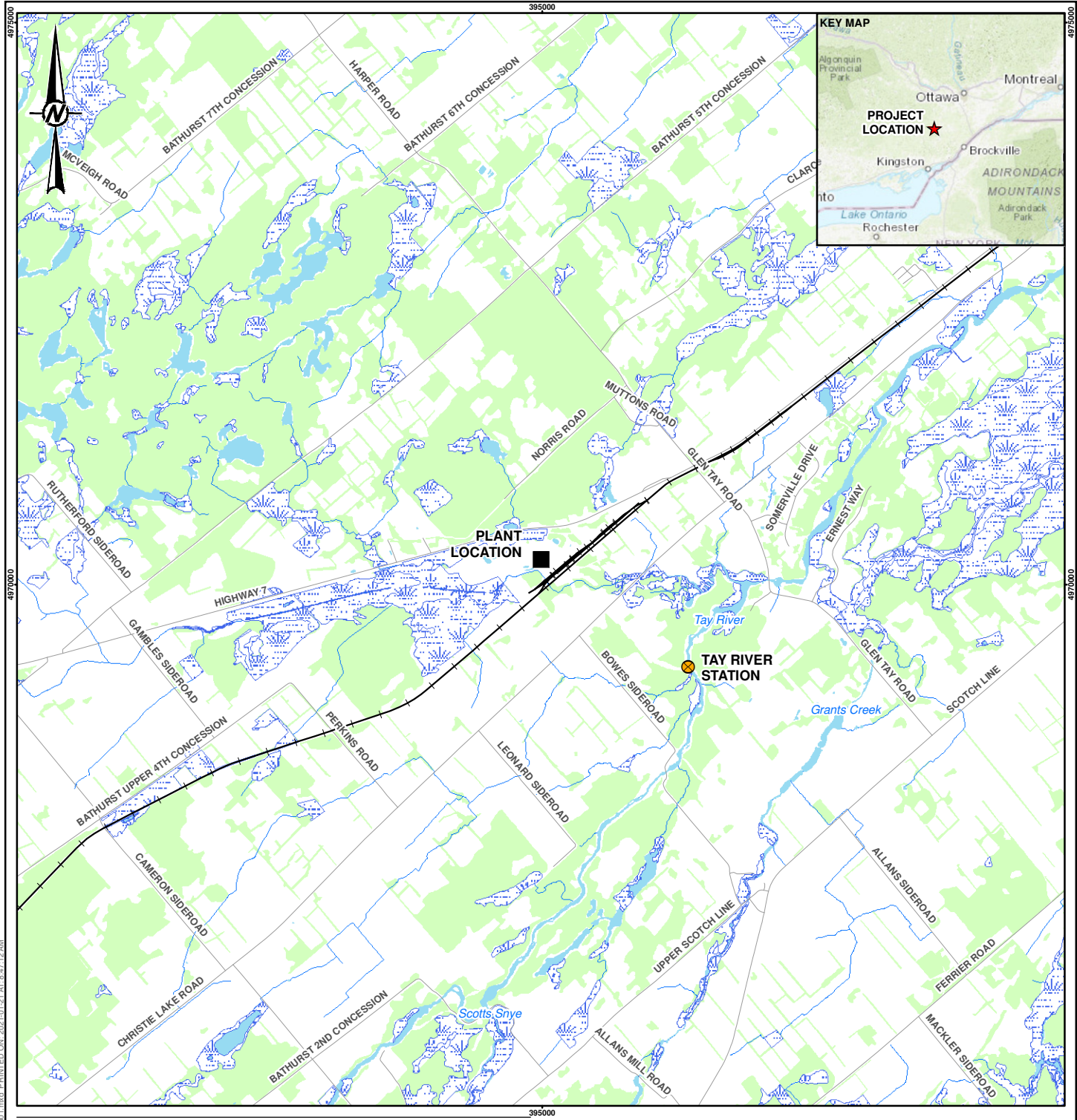
Kevin MacKenzie, MSc, PEng  
*Principal, Senior Water Resources Engineer*

MR/CDV/KM/wlm/mp









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**FIGURES**



**LEGEND**

-  TAY RIVER STATION
-  PLANT LOCATION
-  ROAD
-  RAILWAY
-  RIVER/STREAM
-  WATERBODY
-  WETLAND
-  WOODED AREA



**REFERENCE(S)**

1. BASEDATA MNRF LIO 2017
2. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 18N

CLIENT  
OMYA CANADA INC.

CONSULTANT



YYYY-MM-DD 2021-01-21

DESIGNED SO

PREPARED SO

REVIEWED CDV

APPROVED KMAC

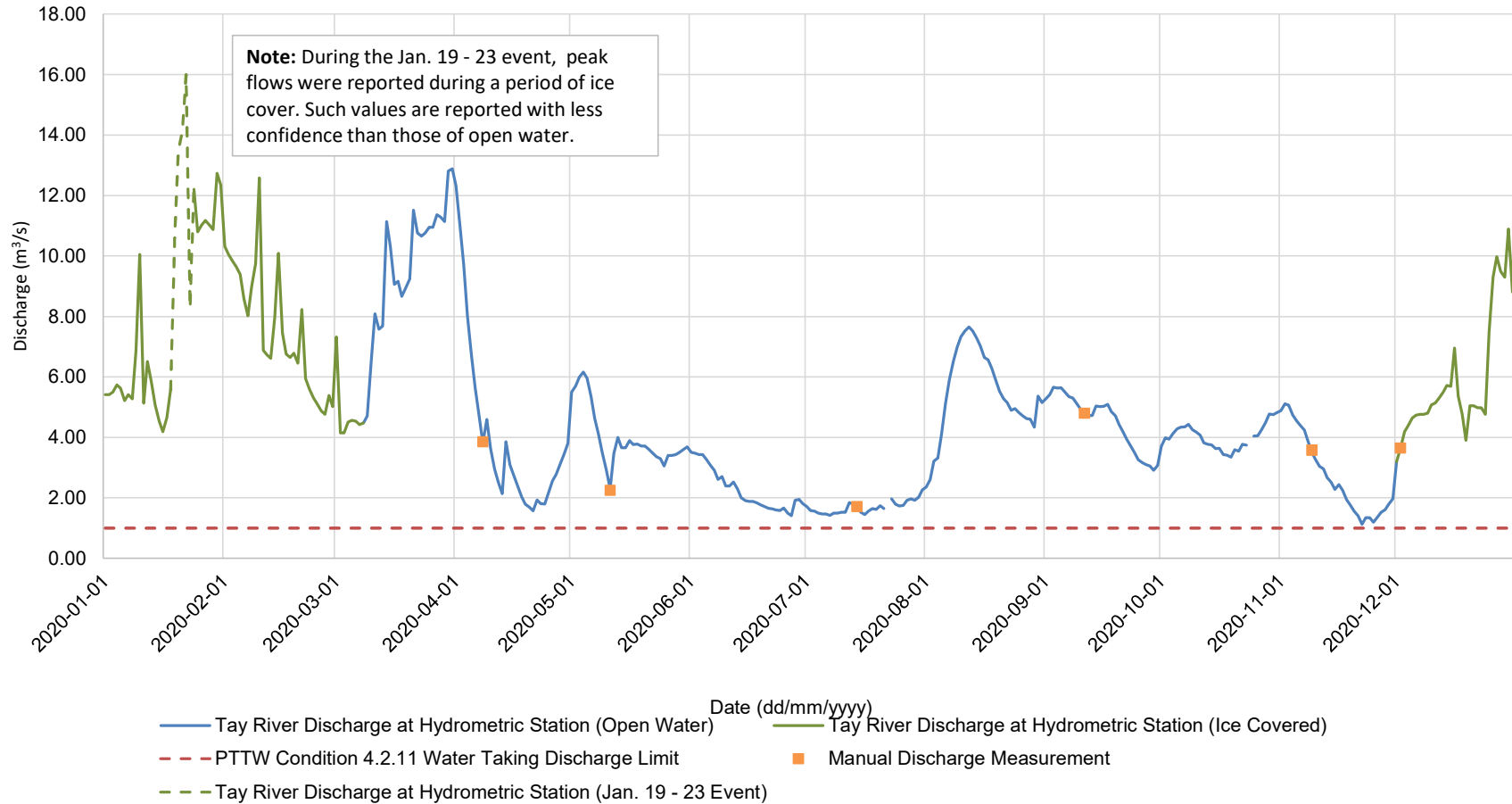
PROJECT  
2020 TAY RIVER PTTW MONITORING  
PERTH, ON

TITLE  
**SITE LOCATION**

PROJECT NO. 18110936	CONTROL 0001	REV. 0.0	FIGURE 1
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**Omya Canada Inc.**  
**Permit to Take Water (8030-82RPF4)**  
**Annual Monitoring Report**  
**Tay River Average Daily Discharge 2020**

**FIGURE 2**



PROJECT: 1776619  
 DATE: January 2021

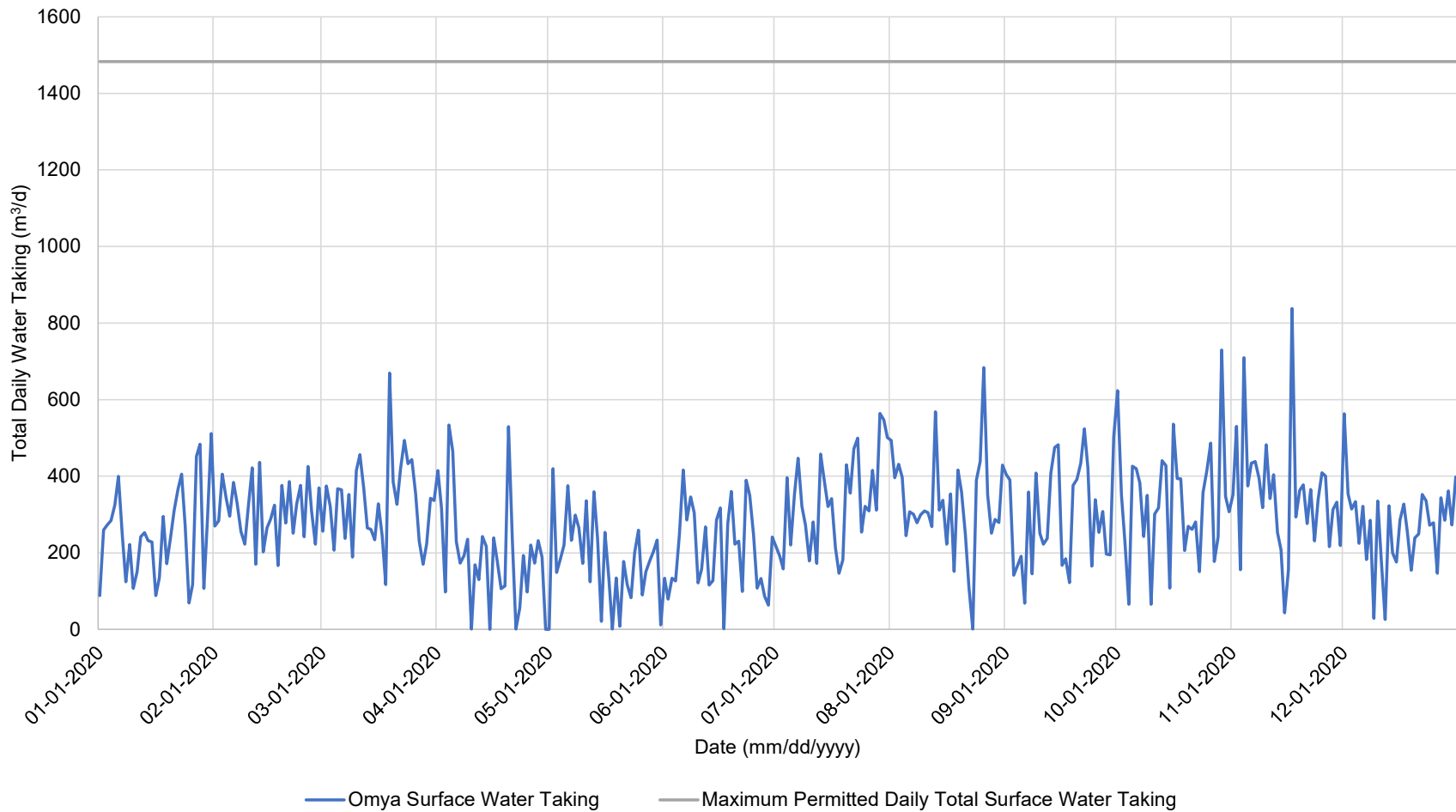


DRAWN: MR  
 CHECK: CDV



**Omya Canada Inc.**  
**Permit to Take Water (8030RPF4)**  
**Annual Monitoring Report**  
**Total Daily Surface Water Takings**

**FIGURE 3**



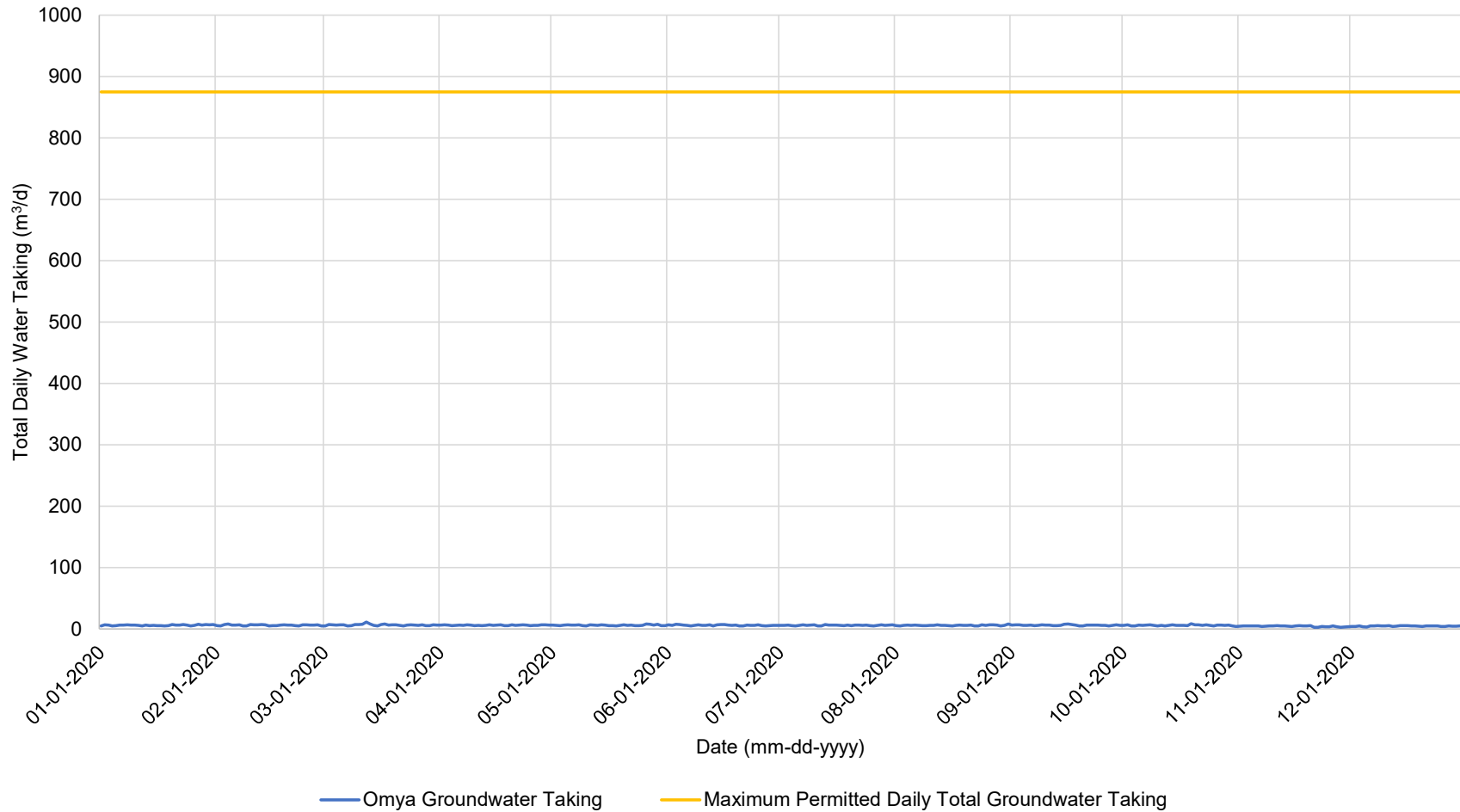
PROJECT: 20142113  
DATE: January 2021



DRAWN: MR  
CHECK: CDV

**Omya Canada Inc.**  
**Permit to Take Water (8030RPF4)**  
**Annual Monitoring Report**  
**Total Daily Groundwater Takings**

**FIGURE 4**



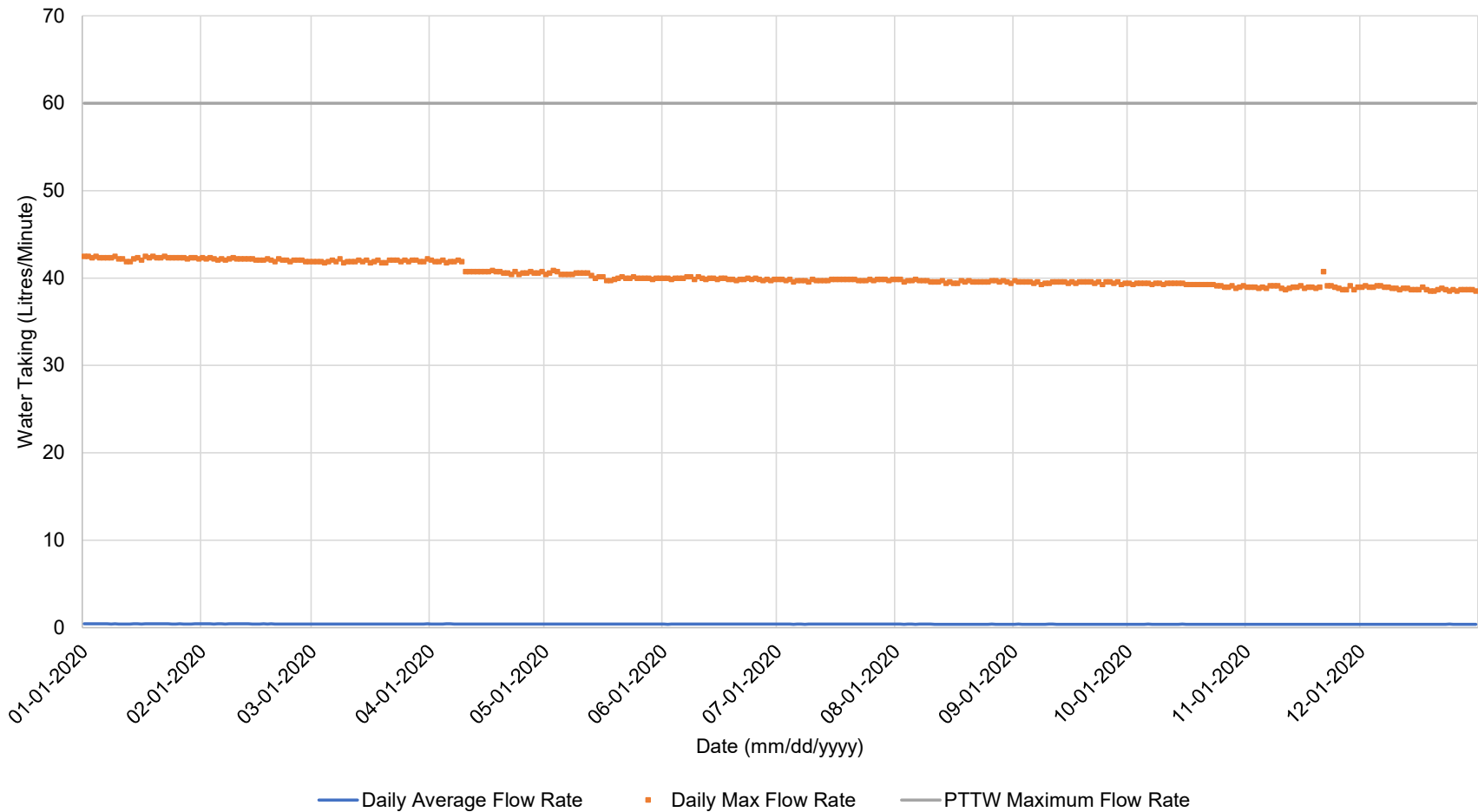
PROJECT: 20142113  
DATE: January 2021



DRAWN: MR  
CHECK: CDV

Omya Canada Inc.  
Permit to Take Water (8030RPF4)  
Annual Monitoring Report  
Maximum and Average Daily Groundwater Takings PW1

FIGURE 5



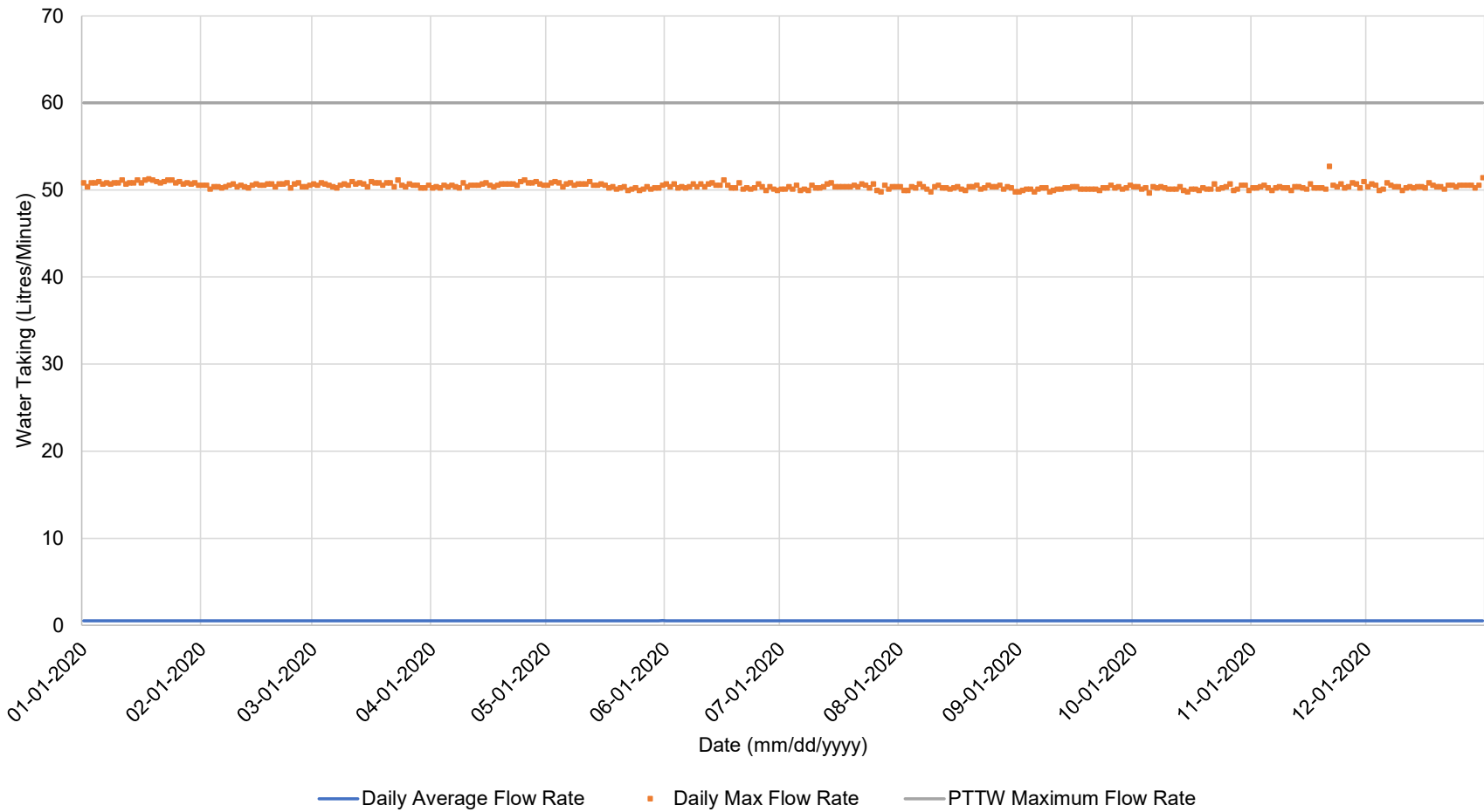
PROJECT: 20142113  
DATE: January 2021



DRAWN: MR  
CHECK: CDV

**Omya Canada Inc.**  
**Permit to Take Water (8030RPF4)**  
**Annual Monitoring Report**  
**Maximum and Average Daily Groundwater Takings PW2**

**FIGURE 6**



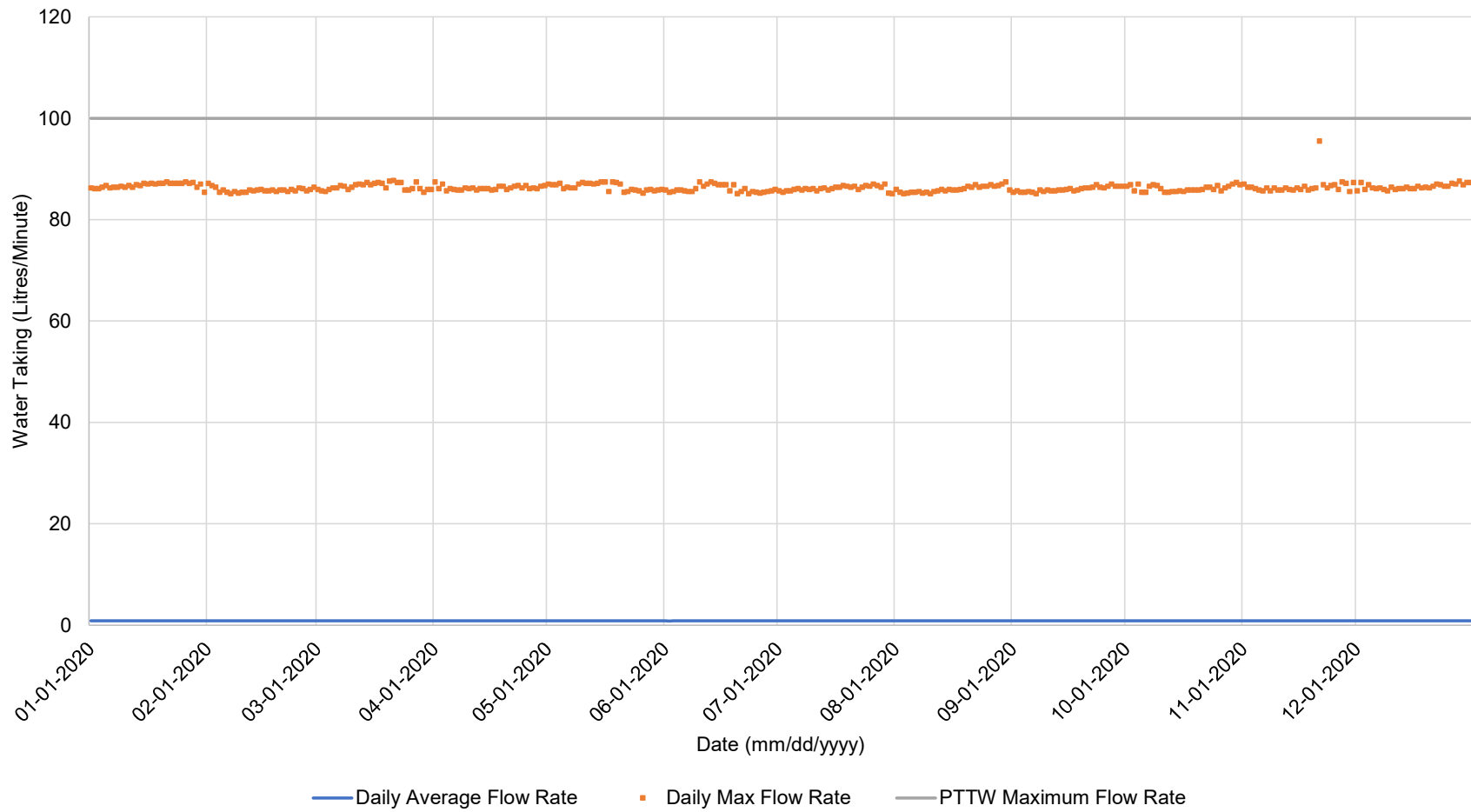
PROJECT: 20142113  
DATE: January 2021



DRAWN: MR  
CHECK: CDV

Omya Canada Inc.  
Permit to Take Water (8030RPF4)  
Annual Monitoring Report  
Maximum and Average Daily Groundwater Takings PW3

FIGURE 7



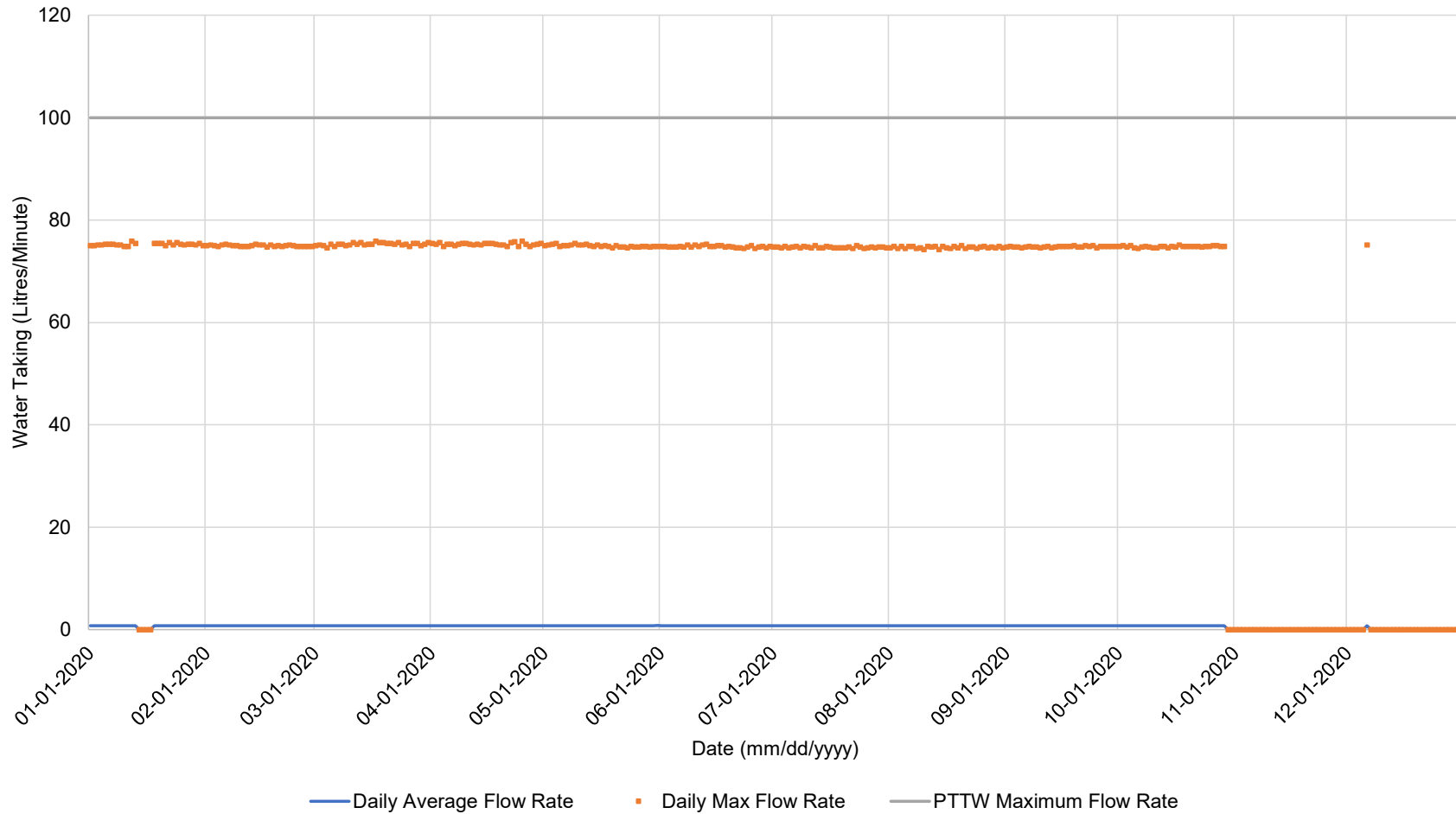
PROJECT: 20142113  
DATE: January 2021



DRAWN: MR  
CHECK: CDV

Omya Canada Inc.  
Permit to Take Water (8030RPF4)  
Annual Monitoring Report  
Maximum and Average Daily Groundwater Takings PW4

FIGURE 8



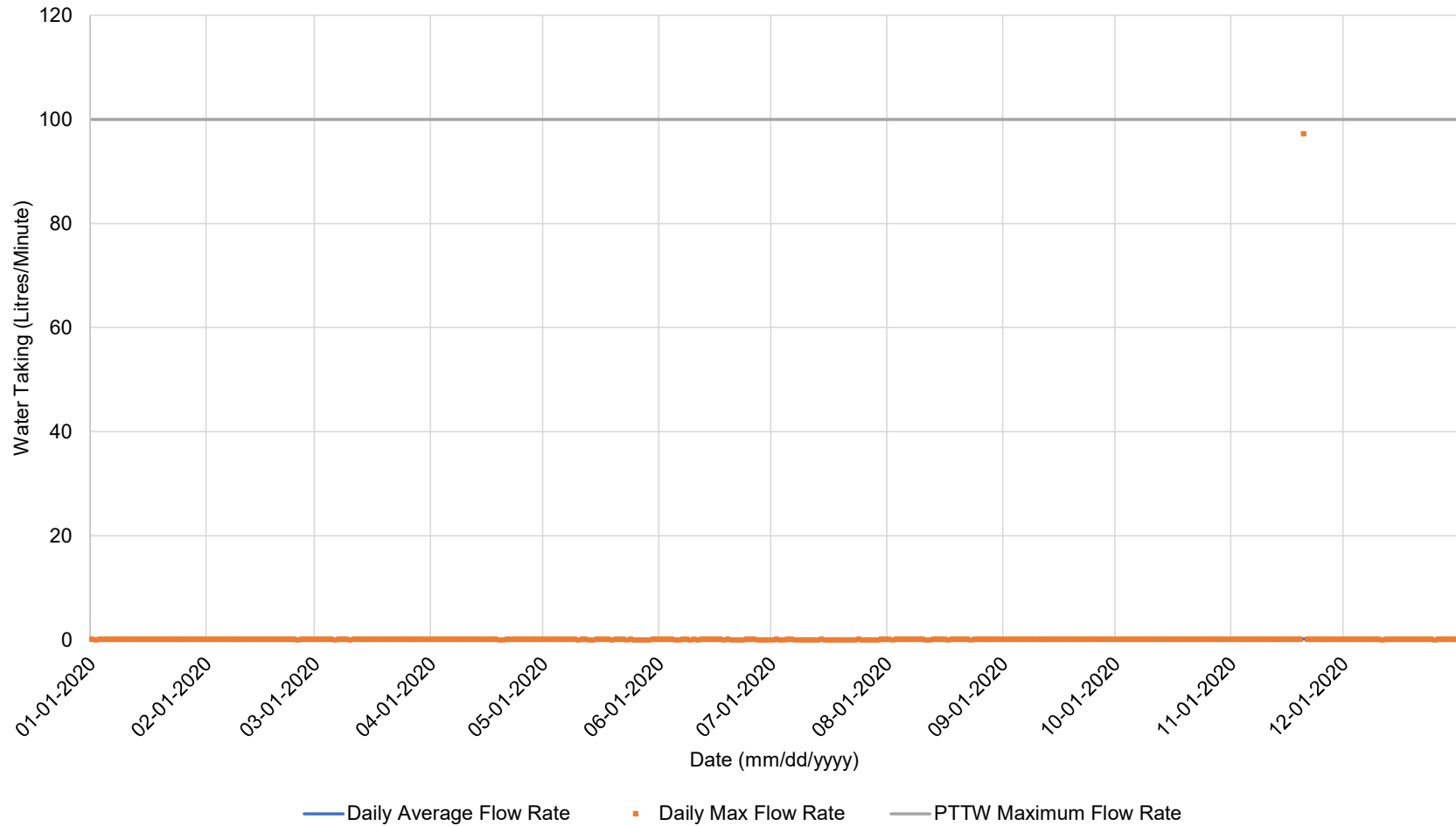
PROJECT: 20142113  
DATE: January 2021



DRAWN: MR  
CHECK: CDV

**Omya Canada Inc.**  
**Permit to Take Water (8030RPF4)**  
**Annual Monitoring Report**  
**Maximum and Average Daily Groundwater Takings PW5**

**FIGURE 9**



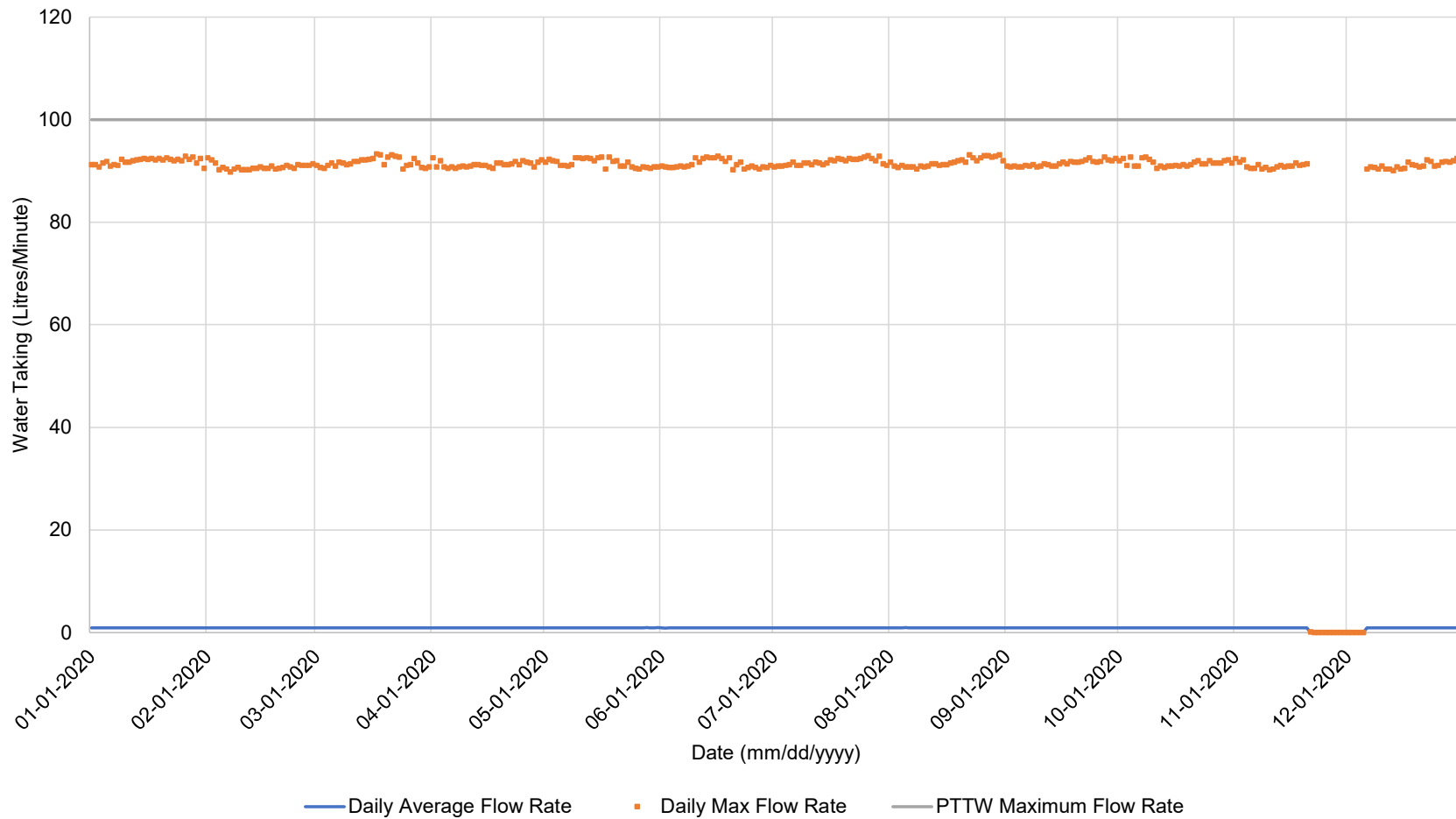
PROJECT: 20142113  
 DATE: January 2021



DRAWN: MR  
 CHECK: CDV

Omya Canada Inc.  
Permit to Take Water (8030RPF4)  
Annual Monitoring Report  
Maximum and Average Daily Groundwater Takings PW6

FIGURE 10



PROJECT: 20142113  
DATE: January 2021

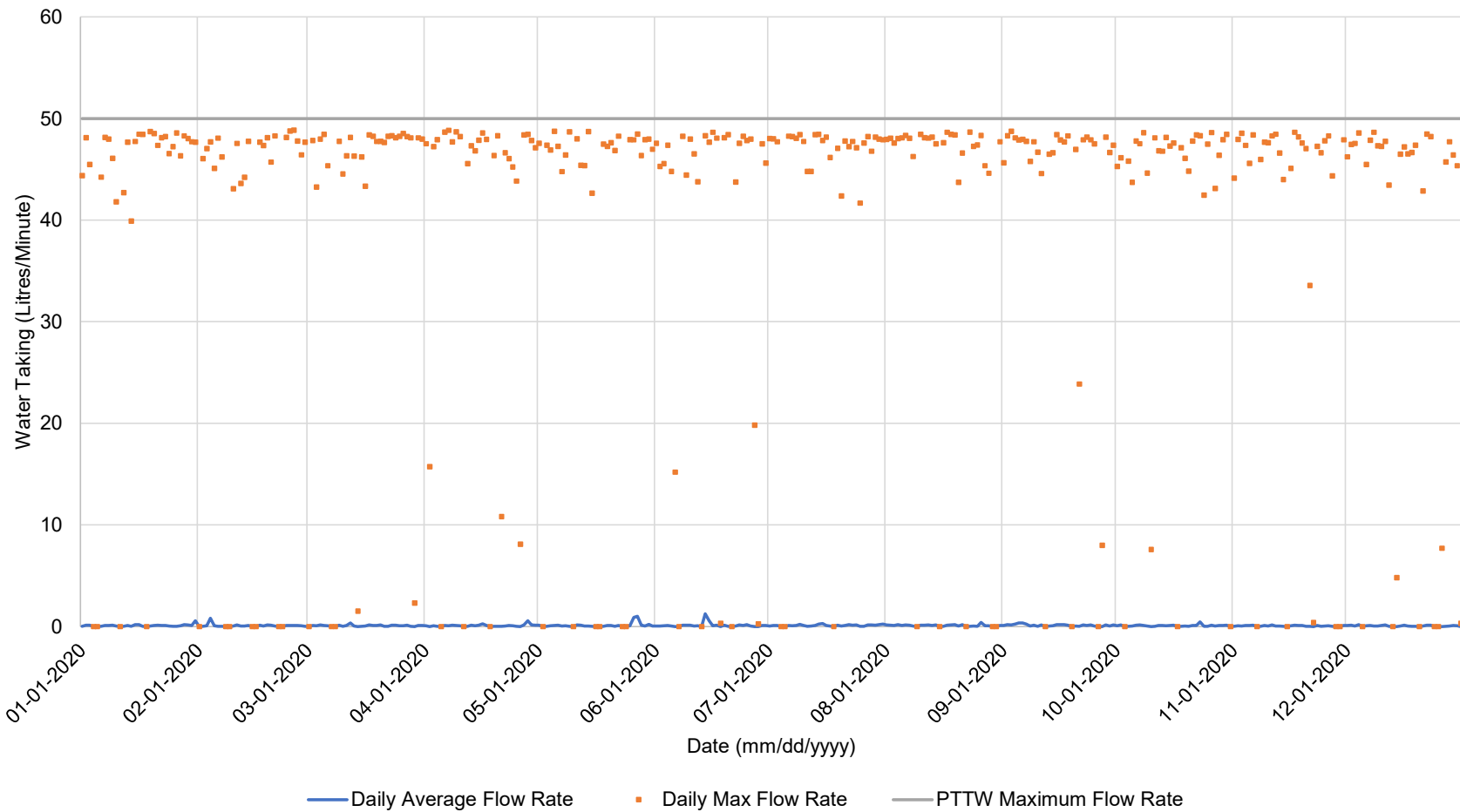


DRAWN: MR  
CHECK: CDV



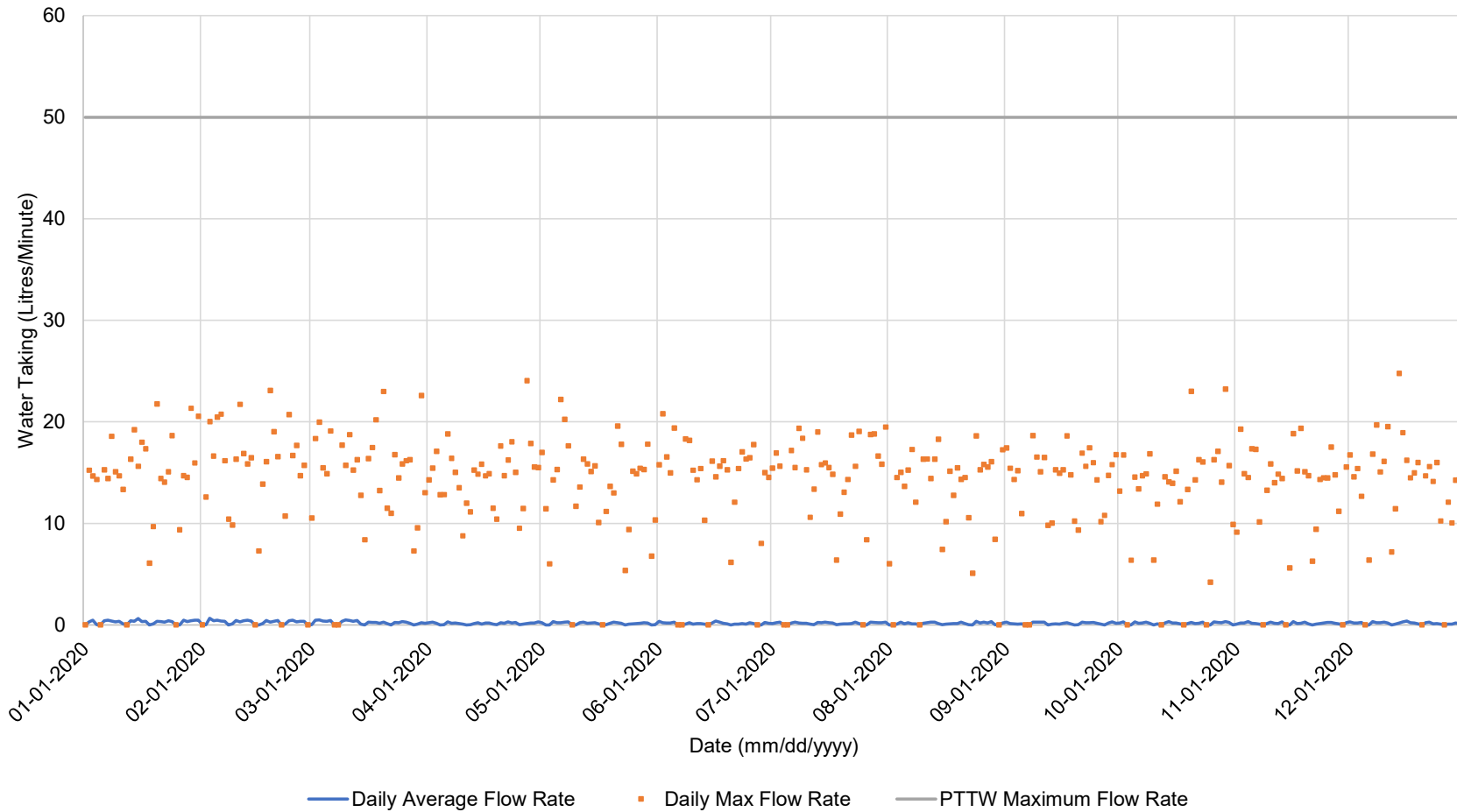
Omya Canada Inc.  
Permit to Take Water (8030RPF4)  
Annual Monitoring Report  
Maximum and Average Daily Groundwater Takings RW1

FIGURE 11



**Omya Canada Inc.**  
**Permit to Take Water (8030RPF4)**  
**Annual Monitoring Report**  
**Maximum and Average Daily Groundwater Takings DP1**

**FIGURE 12**



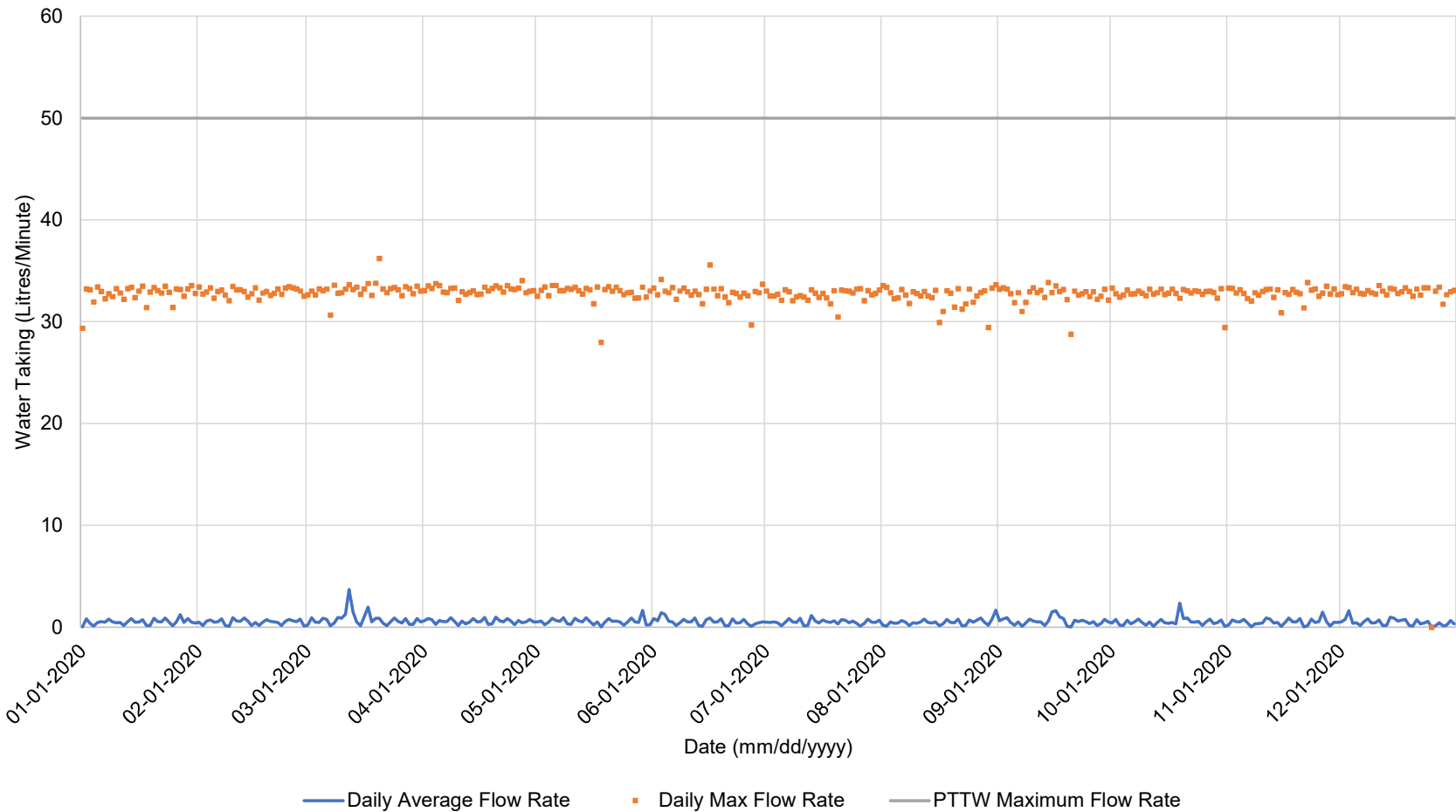
PROJECT: 20142113  
DATE: January 2021



DRAWN: MR  
CHECK: CDV

Omya Canada Inc.  
Permit to Take Water (8030RPF4)  
Annual Monitoring Report  
Maximum and Average Daily Groundwater Takings W1

FIGURE 13



PROJECT: 20142113  
DATE: January 2021

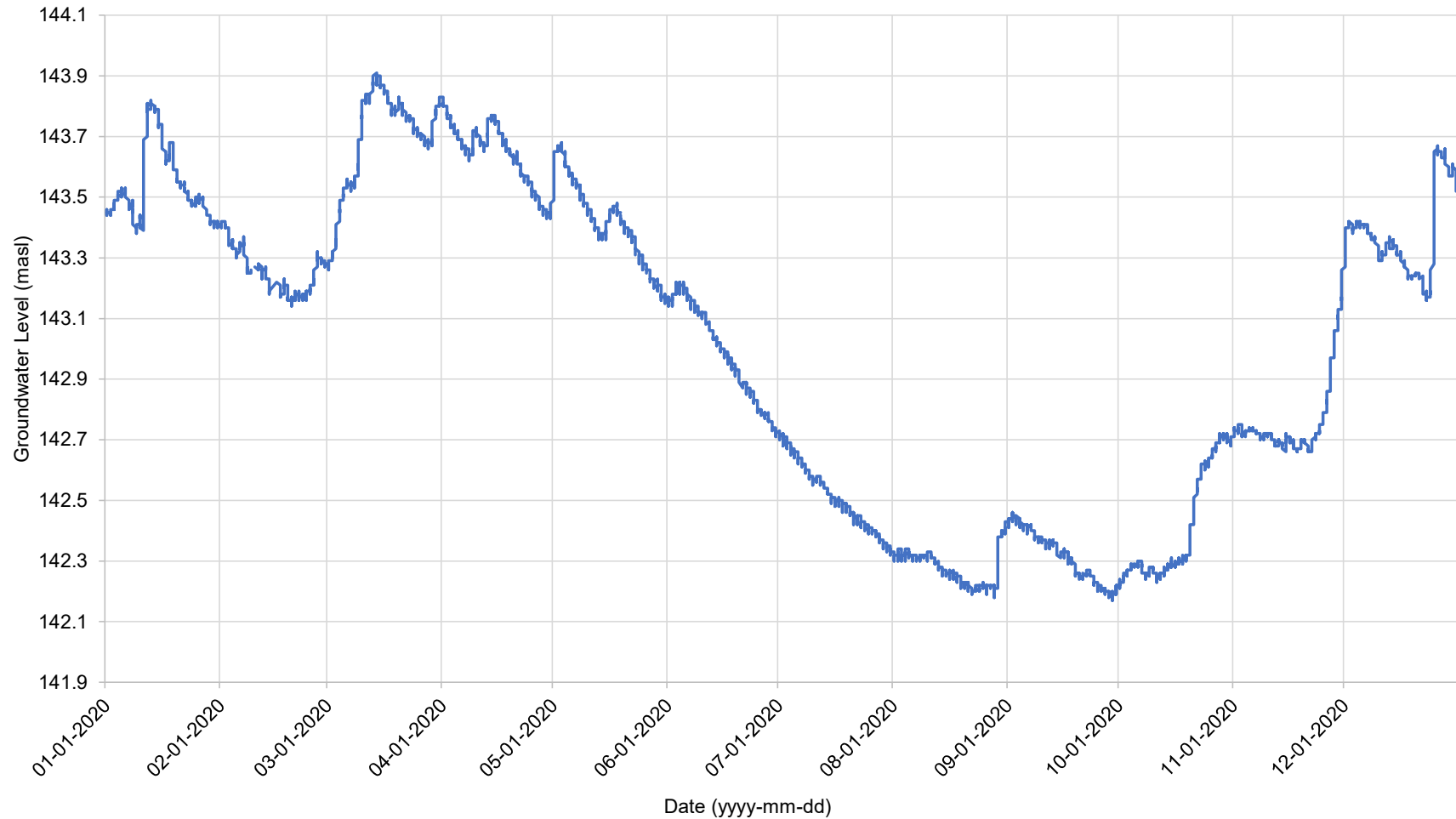


DRAWN: MR  
CHECK: CDV

Omya Canada Inc.  
Permit to Take Water (8030RPF4)  
Annual Monitoring Report

FIGURE 14

Hourly Groundwater Elevations at Groundwater Monitoring Well M3 (PGMN Well W083)



PROJECT: 20142113  
DATE: January 2021



DRAWN: MR  
CHECK: CDV



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