

Product Transport Monitoring

Bass Point Quarry

Q3 2020

Report Author: Chelsea Flood

Date issued: 26/10/2021



Contents

1. Introduction	2
2. Laden truck movements	3
2.1. Hourly laden truck dispatch	3
2.2. Daily laden truck dispatch	3
2.3. Weekly laden truck dispatch	3
2.4. Monthly laden truck dispatch	3
2.5. Annual laden truck dispatch	3
3. Regional destination of quarry products	4
Appendix A	5

1. Introduction

This document has been prepared by Hanson Construction Materials Pty Ltd (Hanson) to fulfil the reporting requirements stipulated in *Schedule 3, Condition 31* of Project Approval MP 08_0143 (the Approval). A summary table of how Hanson meet the requirements of *Schedule 3, Condition 31* is provided below as **Table 1**.

Table 1: Summary table of how Hanson meet the requirements of *Schedule 3, Condition 31* of the Approval.

Schedule 3, Condition 31	Section in document
Monitoring of Product Transport	
31. The Proponent must:	
(a) keep accurate records of:	
<ul style="list-style-type: none"> • the amount of quarry products transported from the site (monthly and annually); 	Section 3
<ul style="list-style-type: none"> • the regional destination of quarry products transported from the site; and 	Section 3
<ul style="list-style-type: none"> • all laden truck movements (ie dispatch of trucks carrying quarry products or concrete) from the site (hourly, daily, weekly, monthly and annually); and 	Section 2
(b) publish these records on its website on a quarterly basis.	Noted

Attention should also be drawn to other conditions in the Approval relevant to product transport, specifically *Schedule 2, Condition 7* and *Schedule 2, Condition 8*, which stipulate limits for annual volume of products transported and the numbers of laden trucks dispatched, respectively.

Extractive Material Transport

7. The Proponent must not permit to be transported from the site:
- (a) more than 4 million tonnes of quarry products in any calendar year; or
 - (b) more than 3 million tonnes of quarry products by road in any calendar year.

Transport of Products

8. The Proponent must limit the dispatch of trucks carrying quarry products or concrete from the site to the levels shown in Table 1.

Table 1: Laden Truck Dispatch Hours

Period	Maximum Laden Truck Dispatch
7 am – 10 pm	40 in any hour
10 pm – 7 am	23 in any hour
5 am – 6 am (Monday to Friday only and excluding Public Holidays)	27
6 am – 7 am (Monday to Friday only and excluding Public Holidays)	38
24-hour calendar day	500

2. Laden truck movements

Schedule 3, Condition 31 requires Hanson to publish records of laden truck movements from the site on an hourly, daily, weekly, monthly, and annual basis (see **Section 1**). The complete laden truck dispatch report is included as **Appendix A**. The compliance status of laden truck movements for the third quarter of 2020 (i.e. 01/07/2020 to 30/09/2020 inclusive) is discussed in **Section 2.1**, **Section 2.2**, **Section 2.3**, **Section 2.4**, and **Section 2.5**.

2.1. Hourly laden truck dispatch

There were no non-compliances with the hourly laden truck dispatch limits (*Schedule 2, Condition 8*) during the third quarter of 2020. See **Appendix A** for the complete laden truck dispatch report.

2.2. Daily laden truck dispatch

There were no non-compliances with the daily laden truck limit (*Schedule 2, Condition 8*) during the third quarter of 2020. See **Appendix A** for the complete laden truck dispatch report.

2.3. Weekly laden truck dispatch

There is no applicable limit for weekly laden truck dispatch (*Schedule 2, Condition 8*), so compliance status is not applicable. See **Appendix A** for the complete laden truck dispatch report.

2.4. Monthly laden truck dispatch

There is no applicable limit for monthly laden truck dispatch (*Schedule 2, Condition 8*), so compliance status is not applicable. See **Appendix A** for the complete laden truck dispatch report.

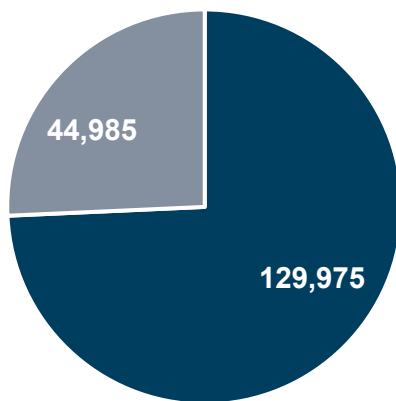
2.5. Annual laden truck dispatch

There is no applicable limit for annual laden truck dispatch (*Schedule 2, Condition 8*), so compliance status is not applicable. See **Appendix A** for the complete laden truck dispatch report for the third quarter of 2020. The annual laden truck dispatch will be provided in the report for the fourth quarter of 2020.

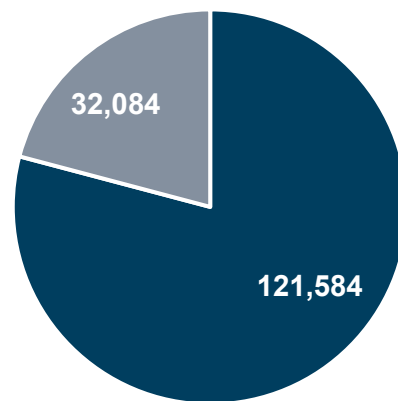
3. Regional destination of quarry products

Schedule 3, Condition 31 requires Hanson to publish records of the monthly and annual volume of quarry products transported from the site, as well as the regional destination (see Section 1). To meet this requirement, customer delivery records were classified under the Local Land Services regions. Monthly volumes of quarry products transported from site to different regional destinations have been visually represented below (Figure 1(a), Figure 1(b), and Figure 1(c)). An annual summary of regional destination volumes (compared to Schedule 2, Condition 7) will be available in the report for the fourth quarter of 2020.

(a)



(b)



(c)

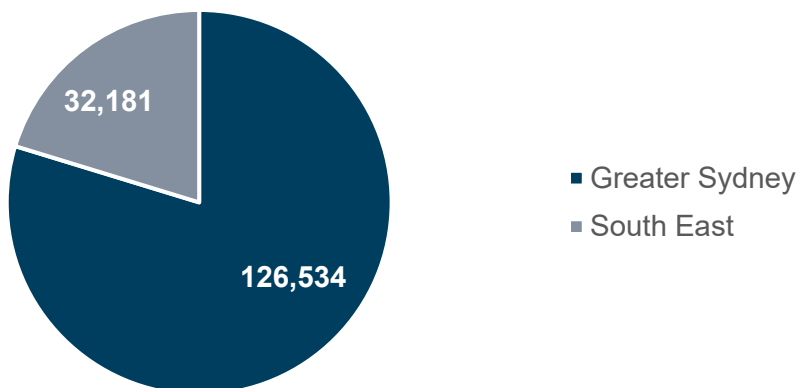


Figure 1: Volume of quarry products (tonnes) transported to different regional destinations for the months of (a) July 2020; (b) August 2020; and (c) September 2020.

Appendix A

Table A 1: Hourly and daily truck dispatch report for the third quarter of 2020 (i.e. 01/07/2020 to 30/09/2020 inclusive). Deliveries has been abbreviated to dlvs. Dates on which there were no trucks dispatched have been omitted from the report. Exceedances are shaded orange. Data that has been amended (e.g. due to split loads) are shaded yellow.

Ticket Date	No. Dlvs	Hours (24-hr time)																								
		0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24
1/07/2020	257	0	5	1	0	2	11	19	17	17	22	15	27	18	15	22	7	3	9	6	1	4	6	9	8	13
2/07/2020	209	0	1	1	1	1	10	18	16	17	17	17	16	24	9	9	3	0	10	5	3	7	7	8	6	3
3/07/2020	251	0	5	0	0	3	16	13	14	24	17	22	24	28	21	12	13	4	9	6	1	2	5	6	3	3
4/07/2020	134	1	0	0	3	0	0	18	12	21	17	20	13	20	8	0	0	0	0	0	0	0	0	0	0	2
5/07/2020	7	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0
6/07/2020	314	1	0	0	0	0	5	25	25	20	15	16	32	32	27	22	22	15	13	3	2	6	6	10	9	9
7/07/2020	277	0	5	0	0	1	10	16	25	17	23	28	17	29	25	11	12	10	7	10	3	3	6	5	6	8
8/07/2020	250	0	6	1	0	1	14	25	20	11	12	8	27	24	15	22	14	5	9	4	6	1	3	12	7	3
9/07/2020	282	0	3	2	0	2	10	17	32	12	26	25	28	21	25	17	7	3	8	9	4	1	9	7	9	5
10/07/2020	274	0	2	0	1	4	9	17	30	13	22	20	24	28	20	21	15	9	6	6	2	4	4	3	7	7
11/07/2020	88	1	0	0	2	0	2	23	21	5	9	4	9	12	0	1	0	0	0	0	0	0	0	0	0	0
12/07/2020	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
13/07/2020	119	1	0	0	0	0	3	12	14	9	10	12	11	5	3	3	3	0	2	8	3	3	8	5	3	2
14/07/2020	67	0	0	0	0	1	8	9	4	8	2	1	2	4	2	1	1	0	2	6	5	0	4	0	3	4
15/07/2020	123	0	0	0	0	1	6	9	6	8	12	8	11	7	3	4	2	5	5	9	2	4	8	7	3	3
16/07/2020	261	1	0	0	0	0	9	21	15	22	18	20	19	24	23	30	13	5	5	0	5	5	10	5	4	8
17/07/2020	244	0	1	0	0	2	13	21	21	33	24	18	21	22	14	12	7	4	4	2	1	3	7	2	7	5
18/07/2020	76	0	0	0	0	0	3	23	13	3	12	6	11	4	0	0	0	0	0	0	0	0	0	0	0	1
19/07/2020	9	0	0	0	0	0	0	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0
20/07/2020	172	0	0	0	0	0	4	11	16	20	11	10	23	22	9	4	7	0	7	4	1	6	8	4	4	1
21/07/2020	201	1	0	0	0	0	8	15	17	20	11	14	15	14	18	8	5	6	4	6	3	3	10	4	11	9
22/07/2020	220	0	2	0	0	1	13	17	18	19	23	22	17	14	19	8	6	3	6	5	5	1	6	5	7	3
23/07/2020	224	0	1	2	0	1	9	20	21	14	19	20	17	21	9	13	11	9	7	8	3	0	4	5	3	7
24/07/2020	217	0	3	0	0	0	9	20	17	9	20	16	22	25	19	11	6	5	6	5	0	4	6	5	6	3
25/07/2020	107	0	1	0	0	1	2	21	22	8	10	15	15	10	1	0	0	0	0	0	0	0	0	0	0	1

Ticket Date	No. Divs	Hours (24-hr time)																								
		0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24
26/07/2020	3	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
27/07/2020	69	0	0	0	0	0	2	15	3	9	1	7	1	1	1	2	2	0	7	5	1	0	4	3	3	2
28/07/2020	67	1	0	0	0	0	0	5	3	6	14	4	5	2	2	2	1	7	4	4	2	2	1	2	1	0
29/07/2020	171	0	0	0	0	0	5	9	8	12	24	16	12	12	9	9	5	6	11	5	5	1	9	6	6	1
30/07/2020	229	0	0	0	0	0	8	10	13	26	22	19	21	23	16	11	4	7	12	4	1	7	8	9	3	5
31/07/2020	279	1	1	0	1	3	7	24	20	29	25	20	32	26	21	18	10	5	8	3	4	2	4	6	9	1
1/08/2020	113	1	0	0	0	2	5	23	19	11	19	11	20	3	0	0	0	0	0	0	0	0	0	0	0	0
2/08/2020	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
3/08/2020	210	1	0	0	0	0	6	19	20	21	15	13	17	19	18	10	9	9	5	6	3	2	3	7	3	5
4/08/2020	267	1	1	0	0	0	14	27	23	17	15	23	28	29	11	17	11	12	10	10	0	3	6	5	4	1
5/08/2020	241	0	0	4	2	2	10	21	14	19	15	19	19	26	23	12	11	9	9	4	3	1	5	5	6	2
6/08/2020	249	0	3	3	2	2	12	18	23	13	16	11	28	27	20	17	9	5	9	4	1	4	4	6	6	6
7/08/2020	142	0	3	0	0	0	8	25	15	12	17	16	8	12	7	0	3	4	3	4	1	3	1	0	0	0
8/08/2020	30	0	0	0	0	0	0	11	5	4	2	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0
9/08/2020	4	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0
10/08/2020	76	1	0	0	0	0	0	4	2	12	4	8	5	6	3	3	2	2	4	3	4	2	5	4	2	1
11/08/2020	177	1	0	2	0	0	3	9	11	18	21	15	17	16	10	11	4	4	8	5	3	4	2	2	8	4
12/08/2020	222	0	0	0	2	2	8	12	21	21	19	22	18	16	15	12	3	2	9	9	5	5	5	6	7	3
13/08/2020	229	0	0	0	2	0	8	14	21	28	21	24	17	18	15	10	5	6	6	6	2	3	9	4	7	3
14/08/2020	201	0	0	0	0	2	10	14	24	14	21	12	21	17	14	14	3	5	3	5	2	1	4	4	5	6
15/08/2020	91	1	1	0	0	0	0	23	8	14	4	15	14	12	0	0	0	0	0	0	0	0	0	0	0	0
17/08/2020	237	0	0	0	0	0	3	25	22	20	18	19	25	20	22	16	6	2	9	4	3	1	8	7	4	3
18/08/2020	232	1	2	0	0	0	9	25	17	17	17	18	23	18	21	13	9	1	4	9	1	3	4	8	5	8
19/08/2020	244	0	4	0	0	2	10	20	21	13	18	15	29	16	15	16	3	5	7	7	7	6	7	8	8	7
20/08/2020	200	0	2	2	1	2	10	22	23	7	11	15	16	13	6	11	3	6	10	9	2	3	5	10	6	5
21/08/2020	224	0	2	0	2	3	8	19	24	10	16	21	21	21	10	14	8	8	7	4	3	2	5	5	6	5
22/08/2020	94	0	4	0	0	0	6	22	17	7	9	14	8	6	1	0	0	0	0	0	0	0	0	0	0	0
24/08/2020	215	0	0	0	0	0	2	26	20	17	12	15	12	19	15	17	9	5	3	9	2	3	8	6	8	7
25/08/2020	212	1	1	1	2	0	10	21	15	10	21	15	22	16	13	7	8	5	6	7	6	1	4	9	4	8
26/08/2020	208	0	0	3	0	1	9	13	8	15	15	13	18	16	19	8	10	8	7	7	1	7	7	7	6	10
27/08/2020	211	2	1	1	0	1	11	19	14	14	10	18	16	18	12	8	9	10	8	7	1	4	4	10	9	6
28/08/2020	204	0	5	1	0	0	16	27	17	7	15	14	26	9	11	11	6	3	6	8	0	0	4	10	5	3
29/08/2020	94	0	3	0	0	0	5	23	12	9	15	10	9	8	0	0	0	0	0	0	0	0	0	0	0	0
30/08/2020	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
31/08/2020	220	0	0	0	0	0	5	25	20	16	13	17	27	25	11	13	8	4	6	9	5	0	5	6	3	2

Ticket Date	Hours (24-hr time)																									
	No. Divs	0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24
1/09/2020	212	0	0	0	2	0	8	20	21	14	16	16	21	21	12	11	7	4	4	13	1	2	4	7	4	4
2/09/2020	237	0	1	0	1	1	0	23	32	13	17	24	20	26	16	10	6	3	8	8	4	3	6	8	3	4
3/09/2020	195	0	2	0	0	1	13	16	8	28	17	14	16	15	17	14	3	1	6	6	0	3	7	2	6	0
4/09/2020	184	0	0	0	2	1	10	22	21	12	14	14	17	18	16	9	4	1	4	7	2	0	1	4	4	1
5/09/2020	51	4	0	0	1	0	2	15	10	4	5	4	8	2	0	0	0	0	0	0	0	0	0	0	0	0
6/09/2020	2	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
7/09/2020	240	1	0	0	0	0	2	25	11	17	10	20	28	20	21	13	8	4	12	8	7	4	5	11	6	8
8/09/2020	220	0	4	0	0	0	13	18	25	12	19	16	21	19	8	13	6	3	8	5	3	5	6	6	5	5
9/09/2020	125	0	5	0	1	0	11	21	6	7	10	12	5	5	3	6	1	2	4	6	1	6	2	6	5	0
10/09/2020	185	0	0	0	0	0	8	19	16	13	7	15	17	17	13	9	4	4	8	5	2	1	11	7	2	7
11/09/2020	202	0	1	0	0	1	13	19	12	10	17	14	24	17	20	9	6	0	9	9	0	3	6	7	2	3
12/09/2020	85	0	0	0	0	0	3	21	11	13	11	11	10	3	1	0	0	0	0	0	0	0	0	0	0	1
13/09/2020	6	2	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14/09/2020	218	0	0	0	0	0	6	26	21	14	13	15	23	24	15	9	7	7	7	8	2	5	2	6	4	4
15/09/2020	212	0	3	0	0	0	11	23	22	10	12	17	18	20	13	6	5	3	9	8	0	5	8	6	5	8
16/09/2020	249	0	0	2	2	1	11	19	17	15	15	27	20	20	18	15	9	7	11	9	1	4	3	7	7	9
17/09/2020	227	2	1	0	0	1	13	20	28	13	18	17	21	21	14	17	2	4	9	3	1	1	5	3	8	7
18/09/2020	151	0	1	0	0	2	13	14	18	7	15	12	13	11	9	7	3	2	3	4	0	2	3	4	4	4
19/09/2020	62	1	0	0	0	0	2	16	9	3	7	4	14	5	0	1	0	1	0	0	0	0	0	0	0	0
20/09/2020	3	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
21/09/2020	205	0	0	0	0	0	4	26	20	15	14	12	21	18	18	10	4	4	8	5	1	4	7	7	5	2
22/09/2020	208	1	3	1	0	3	18	20	13	15	20	11	21	16	9	8	8	2	7	8	0	2	4	10	5	4
23/09/2020	224	0	2	0	0	1	12	19	23	17	16	15	19	23	21	9	6	6	9	5	4	2	3	6	3	3
24/09/2020	224	0	0	0	0	2	15	23	19	12	17	12	25	16	12	14	4	11	7	5	3	1	6	4	12	4
25/09/2020	243	1	1	1	2	0	12	19	20	24	11	23	26	24	19	11	14	5	4	4	2	2	2	0	16	1
26/09/2020	86	2	0	0	0	0	2	22	15	4	7	9	22	3	0	0	0	0	0	0	0	0	0	0	2	0
28/09/2020	241	0	0	0	0	0	5	27	31	14	9	14	27	24	15	11	13	6	7	9	4	2	4	10	4	5
29/09/2020	259	1	2	2	0	1	19	26	20	7	25	18	22	26	19	12	9	9	8	10	1	1	7	7	5	3
30/09/2020	255	0	4	0	0	2	11	17	20	13	21	26	27	22	20	13	10	5	5	6	4	2	8	7	7	5