

Maintenance Discharge Consent Annual Report: Jan-Dec 2018

Consent numbers: REG/2014/2140175, REG/20142140176

Report Date: 21/01/2019

Prepared by Hugo Ormazabal AHBA Delivery Manager

Reviewed by Kate Chivers AHBA Environmental Consultant

Approved by Alex Ingram AHBA Alliance Manager

This report summarises compliance with the Auckland Harbour Bridge maintenance programme consents REG/2014/2140175 & REG/20142140176 for the year 2018.

All works were undertaken in compliance with the consent conditions, and the requirements of the EMP.

A summary of the works undertaken under this consent in the current reporting period is provided in Attachment A. Compliance with thresholds and other controls is summarised below.

Compliance with discharge thresholds (see Attachment B)

	Total (kg)	'Threshold' (kg)	Comply?
Garnet discharged to coast	6190	14680	Yes
Zinc discharged to coast	15.6	223	Yes
'Paint' discharged to coast (inc. zinc)	75	646	Yes

Compliance with air controls

	Comply?	Details attached
Buffer zones	Yes	n/a
Wind speed and direction controls	Yes	n/a

Other compliance

	Incident/complaint?	Details attached
Environmental incidents	None	n/a
Noise complaints	None	n/a
Odour complaints	None	n/a

Summary of changes made through AMP

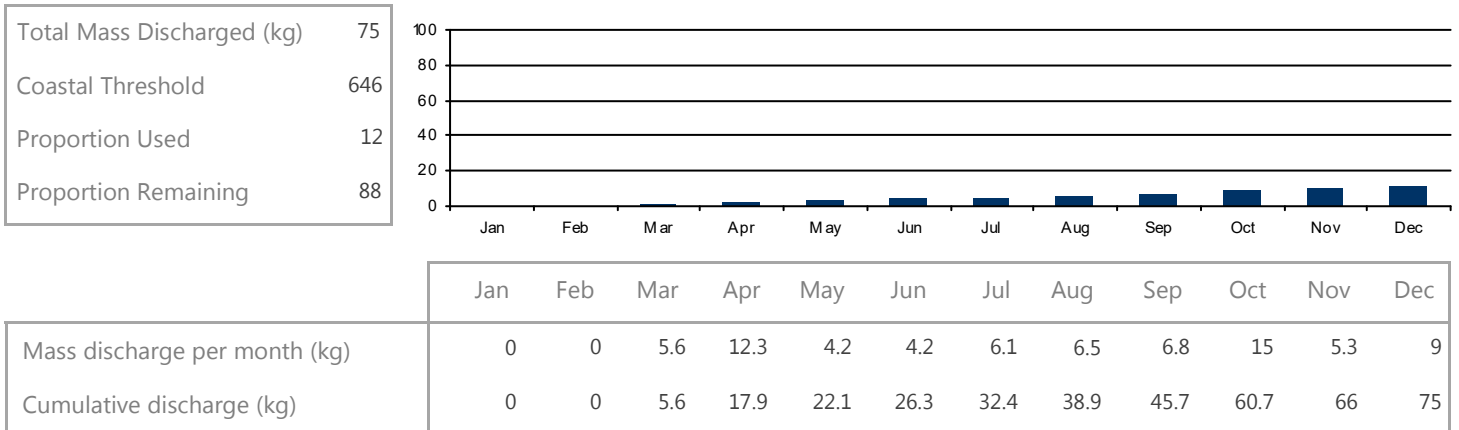
None to report

Attachments

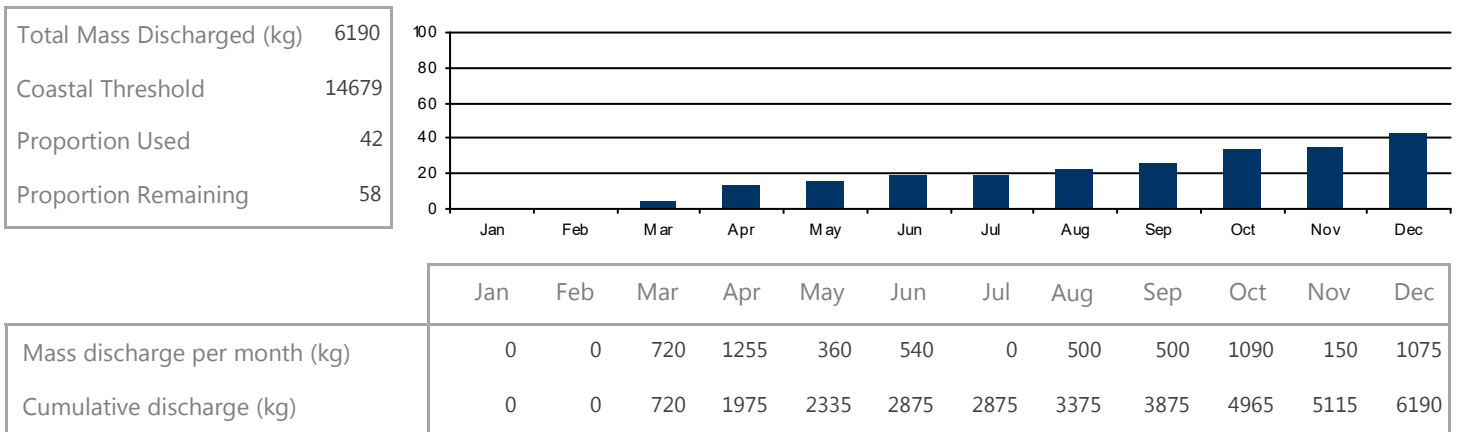
- A. Maintenance Works Log
- B. Discharge Summary Report

2018

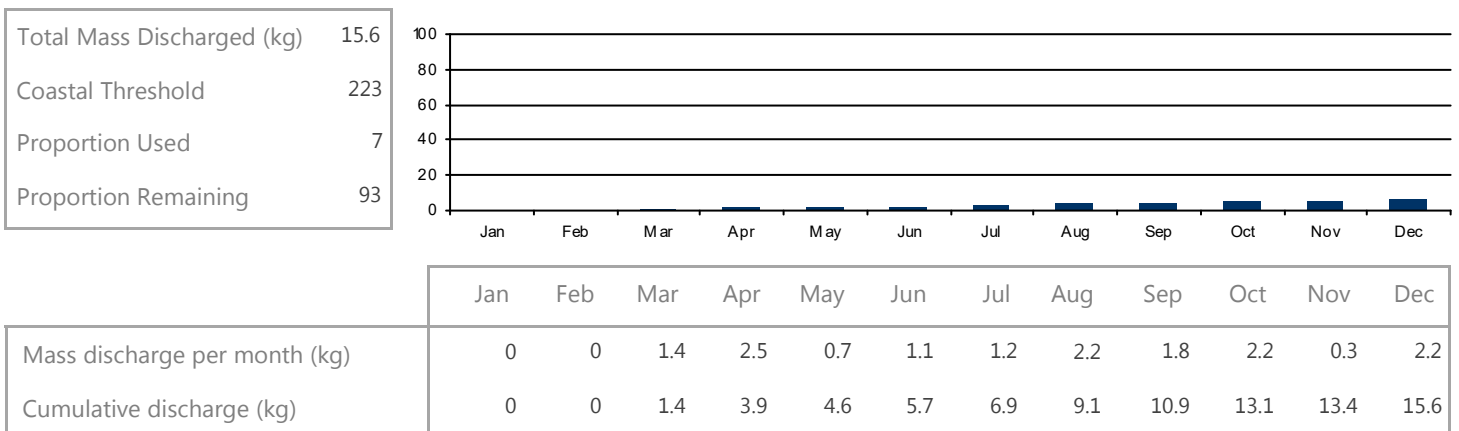
Paint



Particulate



Zinc



AHB Maintenance Works Log

1/01/2018 - 31/12/2018

Date	Location	Activity	Area (m2)	Garnet (kg)	Paint (L)	Overspray (%)	Containment (%)	Notes
29/12/2018	Coast	Painting: MC-Ferrox	19		4	10	0	Span 5. PP12. Spray Application. Airless
28/12/2018	Coast	Painting: MC-Ferrox	38	0	8	10	100	Blast shed spraying stubs contained
28/12/2018	Land	Painting: MC-Miomastic	38	0	8	10	100	Blast shed spraying stubs contained
28/12/2018	Land	Painting: MC-Zinc	26	0	6	10	100	Blast shed spraying stubs inside
28/12/2018	Coast	Dry abrasive blasting	30	600	0	0	0	Blasting inside blast shed
28/12/2018	Coast	Dry abrasive blasting	24	475	0	0	0	Overarch blasting post
28/12/2018	Coast	Painting: Termarust 2100	42	0	25	0	0	Overarch brush painting stubs
30/11/2018	Coast	Painting: MC-Miomastic	40	0	9	0	0	Span 2 overarch.Brush and roller painting
30/11/2018	Coast	Painting: MC-Zinc	26	0	6	0	0	Span 2 overarch. Brush and roller painting
30/11/2018	Coast	Painting: MC-Miomastic	14	0	3	0	0	Span 5-3. Brush and roller painting
30/11/2018	Coast	Painting: MC-Ferrox	81	0	17	15	0	Span 5-3 post and diagonal spray painting
30/11/2018	Coast	Dry abrasive blasting	8	150	0	0	0	Span 2 overarch blasting (no netting required)
31/10/2018	Coast	Painting: MC-Ferrox	14	0	3	0	0	Pier 1 brush and roller
31/10/2018	Coast	Dry abrasive blasting	8	150	0	0	0	Pier 1 no netting required
31/10/2018	Coast	Dry abrasive blasting	16	325	0	0	0	Overarch blasting
31/10/2018	Coast	Dry abrasive blasting	27	540	0	0	0	Span 5 diagonal no netting required
31/10/2018	Coast	Dry abrasive blasting	4	75	0	0	0	Span 7 netting required and used
31/10/2018	Coast	Painting: MC-Zinc	9	0	2	0	0	Span 2 brush and roller painting
31/10/2018	Coast	Painting: MC-Zinc	20	0	4.5	0	0	Span 2 overarch brush and roller painting
31/10/2018	Coast	Painting: MC-Zinc	39	0	9.5	0	0	Span 5. Brush and roller painting
31/10/2018	Coast	Painting: MC-Zinc	13	0	3	0	0	Span 7. Brush and roller painting
31/10/2018	Coast	Painting: MC-Miomastic	10	0	2	0	0	Pier 1 brush and roller painting
31/10/2018	Coast	Painting: MC-Miomastic	33	0	7	0	0	Overarch. Brush and roller painting
31/10/2018	Coast	Painting: MC-Miomastic	14	0	3	0	0	Span 7 brush and roller painting
31/10/2018	Coast	Painting: MC-Ferrox	14	0	3	0	0	Overarch brush and roller painting
31/10/2018	Coast	Painting: MC-Ferrox	129	0	27	15	0	Span 5 spray painting no netting required
31/10/2018	Coast	Painting: MC-Ferrox	14	0	3	0	0	Span 7 brush and roller painting

Date	Location	Activity	Area (m2)	Garnet (kg)	Paint (L)	Overspray (%)	Containment (%)	Notes
31/10/2018	Coast	Painting: MC-Miomastic	38	0	8	0	0	Span 5 brush and roller painting
28/09/2018	Coast	Painting: MC-Miomastic	38	0	8	0	0	Pier 3 brush and roller paintng
28/09/2018	Coast	Painting: MC-Ferrox	29	0	6	0	0	Pier 4 Brush and roller painting
28/09/2018	Coast	Painting: MC-Ferrox	52	0	11	0	0	Pier 3 Brush and roller painting
28/09/2018	Coast	Painting: MC-Ferrox	19	0	4	0	0	Pier 2 brush and roller painting
28/09/2018	Coast	Dry abrasive blasting	5	100	0	0	0	Pier 2 No netting required
28/09/2018	Coast	Painting: MC-Miomastic	24	0	5	0	0	Pier 6 brush and roller painting
28/09/2018	Coast	Painting: MC-Zinc	22	0	5	0	0	Pier 3 brush and roller Painting
28/09/2018	Coast	Painting: MC-Zinc	17	0	4	0	0	Pier 4 brush and roller painting
28/09/2018	Coast	Painting: MC-Zinc	13	0	3	0	0	Pier 5 brush and roller Painting
28/09/2018	Coast	Painting: MC-Miomastic	19	0	4	0	0	Pier 2 brush and roller paintng
28/09/2018	Coast	Painting: MC-Miomastic	24	0	5	0	0	Pier 4 Brush and roller painting
28/09/2018	Coast	Dry abrasive blasting	5	100	0	0	0	Pier 6 base plate
28/09/2018	Coast	Dry abrasive blasting	5	100	0	0	0	Pier 5 base plate
28/09/2018	Coast	Dry abrasive blasting	5	100	0	0	0	Pier 4 base plate
28/09/2018	Coast	Painting: MC-Miomastic	19	0	4	0	0	Span 7 central above walkway
28/09/2018	Coast	Dry abrasive blasting	5	100	0	0	0	Pier 3 base plate
28/09/2018	Coast	Painting: MC-Zinc	17	0	4	0	0	Pier 2 Brush and roller Painting
28/09/2018	Coast	Painting: MC-Ferrox	29	0	6	0	0	Pier 5 Brush and roller paintng
28/09/2018	Coast	Painting: MC-Zinc	9	0	2	0	0	Pier 6 brush and roller painting
28/09/2018	Coast	Wet abrasive blasting	19	0	0	0	0	Pier 2 Base plate 1 hr
28/09/2018	Coast	Waterblasting (>1000psi)	52	0	0	0	0	Pier 3 Base pate 2 hrs
28/09/2018	Coast	Waterblasting (>1000psi)	29	0	0	0	0	Pier 4 base palte 1hr
28/09/2018	Coast	Waterblasting (>1000psi)	29	0	0	0	0	Pier 5 Base palte 1hr
28/09/2018	Coast	Waterblasting (>1000psi)	19	0	0	0	0	Pier 6 base plate 1hr
28/09/2018	Coast	Painting: MC-Miomastic	29	0	6	0	0	Pier 5 brush and roller paintng
28/09/2018	Coast	Painting: MC-Ferrox	19	0	4	0	0	Pier 6 Brush and roller painting
31/08/2018	Coast	Painting: MC-Zinc	9	0	2	0	0	Pier 5 painting by brush and roller
31/08/2018	Land	Painting: MC-Zinc	13	0	3	0	100	Span 1-0 Full containment
31/08/2018	Land	Painting: MC-Miomastic	45	0	9.5	0	100	Span1-0 full cointainment Brush painting

Date	Location	Activity	Area (m2)	Garnet (kg)	Paint (L)	Overspray (%)	Containment (%)	Notes
31/08/2018	Land	Painting: MC-Ferrox	62	0	13	0	100	Span 1-0 Full cointainment Brush painted
31/08/2018	Coast	Painting: MC-Miomastic	29	0	6	0		Pier 5 painting by brush and roller
31/08/2018	Coast	Painting: MC-Miomastic	24	0	5	0	0	Pier 4 painting by brush and roller
31/08/2018	Coast	Painting: MC-Miomastic	19	0	4	0	0	Pier 2 painting by brush and roller
31/08/2018	Coast	Dry abrasive blasting	5	100	0	0	0	Pier 3 collected
31/08/2018	Coast	Dry abrasive blasting	5	100	0	0	0	Pier 1 blasting and painting
31/08/2018	Coast	Painting: MC-Zinc	17	0	4	0	0	Pier 3 painted by brush and roller
31/08/2018	Coast	Dry abrasive blasting	5	100	0	0	0	Pier 2 blasting and painting
31/08/2018	Coast	Painting: MC-Zinc	22	0	5	0	0	Pier 2 painted by brush and roller
31/08/2018	Coast	Painting: MC-Zinc	17	0	4	0	0	Pier 1 painted by brush and roller
31/08/2018	Coast	Dry abrasive blasting	5	100	0	0	0	Pier 5 blasted and collected
31/08/2018	Coast	Dry abrasive blasting	5	100	0	0	0	Pier 4 blasted and collected
31/08/2018	Coast	Painting: MC-Zinc	13	0	3	0	0	Pier 4 painted by brush and roller
31/08/2018	Coast	Painting: MC-Miomastic	38	0	8	15	0	Pier 3 painting by spray pot
27/07/2018	Coast	Painting: MC-Ferrox	105	0	22	10	0	Span 3-0 air spray
27/07/2018	Coast	Painting: MC-Miomastic	62	0	13	10	10	Span 3-0 air spray
29/06/2018	Coast	Painting: MC-Ferrox	62	0	13	0	0	Span 5-6 brush and roller
29/06/2018	Coast	Painting: MC-Miomastic	88	0	18.5	0	0	Span 5 brush and roller
29/06/2018	Coast	Painting: MC-Zinc	61	0	14	0	0	Span 5 brush and roller
29/06/2018	Coast	Dry abrasive blasting	27	540	0	0	0	Span 5 no netting required
25/05/2018	Coast	Dry abrasive blasting	16	315	0	0	0	Span 3 PP 8-9
25/05/2018	Coast	Dry abrasive blasting	2	45	0	0	0	Span 5 PP 8-9
25/05/2018	Coast	Painting: MC-Zinc	30	0	7	0	0	Span 5 pp 8-9 brush and roller application
25/05/2018	Coast	Painting: MC-Ferrox	29	0	6	15	0	Span 5 pp 8-9 spray application
25/05/2018	Coast	Painting: MC-Miomastic	29	0	6	0	0	Span 5 pp 8-9 brush and roller application
25/05/2018	Coast	Painting: MC-Zinc	4	0	1	0	0	Span 3-0 brush and roller application
27/04/2018	Coast	Painting: MC-Ferrox	76	0	16	10	0	Road deck Spraying and roller and brush. (Screens used)
27/04/2018	Coast	Painting: MC-Miomastic	57	0	12	0	0	Road Deck Brush and roller
27/04/2018	Coast	Painting: MC-Zinc	9	0	2	0	0	Span 3 pp 0 Brush and roller
27/04/2018	Coast	Painting: MC-Zinc	17	0	4	0	0	Road Deck by EWP Brush and Roller

Date	Location	Activity	Area (m2)	Garnet (kg)	Paint (L)	Overspray (%)	Containment (%)	Notes
27/04/2018	Coast	Dry abrasive blasting	20	405	0	0	0	Span 3 pp 0
27/04/2018	Coast	Dry abrasive blasting	43	850	0	0	0	Span 2 Road deck
31/03/2018	Coast	Painting: MC-Miomastic	57	0	12	0	0	Pier 2 Brush and Roller
31/03/2018	Coast	Dry abrasive blasting	25	495	0	0	0	Pier 2 netting not required
31/03/2018	Coast	Dry abrasive blasting	11	225	0	0	0	Span 5 PP11
31/03/2018	Coast	Painting: MC-Zinc	26	0	6	0	0	Span 5 PP11 Brush and roller
31/03/2018	Coast	Painting: MC-Miomastic	38	0	9	0	0	Span 5 Brush and Roller
31/03/2018	Coast	Painting: MC-Ferrox	76	0	16	0	0	Pier 2 Brush and roller
31/03/2018	Coast	Painting: MC-Ferrox	38	0	8	0	0	Span 5 PP11 Brush and Roller
31/03/2018	Coast	Painting: MC-Zinc	43	0	10	0	0	Pier 2 Hand painting by brush and roller
28/02/2018	Coast	Painting: MC-Ferrox	19		4			Span 5/12 brush painting
28/02/2018	Coast	Painting: MC-Ferrox	133		28	15		Span 1/12 spray painting netting in place
31/01/2018	Coast	Painting: MC-Ferrox	43		9			Span 5/12 brush painting
31/01/2018	Coast	Painting: MC-Miomastic	19		4			Span 5/12 brush painting
31/01/2018	Coast	Painting: MC-Miomastic	10		2			Span 1 /12 brush painting
31/01/2018	Coast	Painting: MC-Zinc	9		2			Span 5/12 brush painting
31/01/2018	Coast	Dry abrasive blasting	7	135				Span 5/12
31/01/2018	Coast	Dry abrasive blasting	4	75				Span 1/13 no netting required