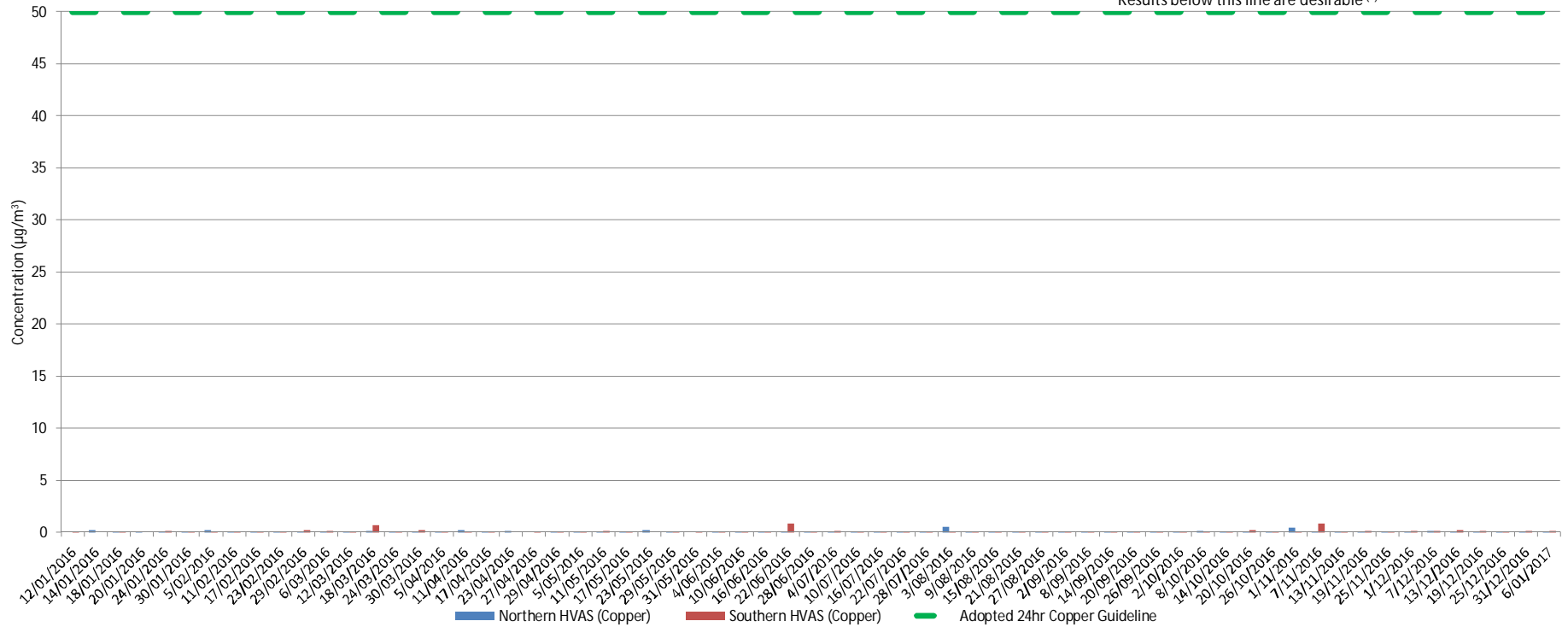
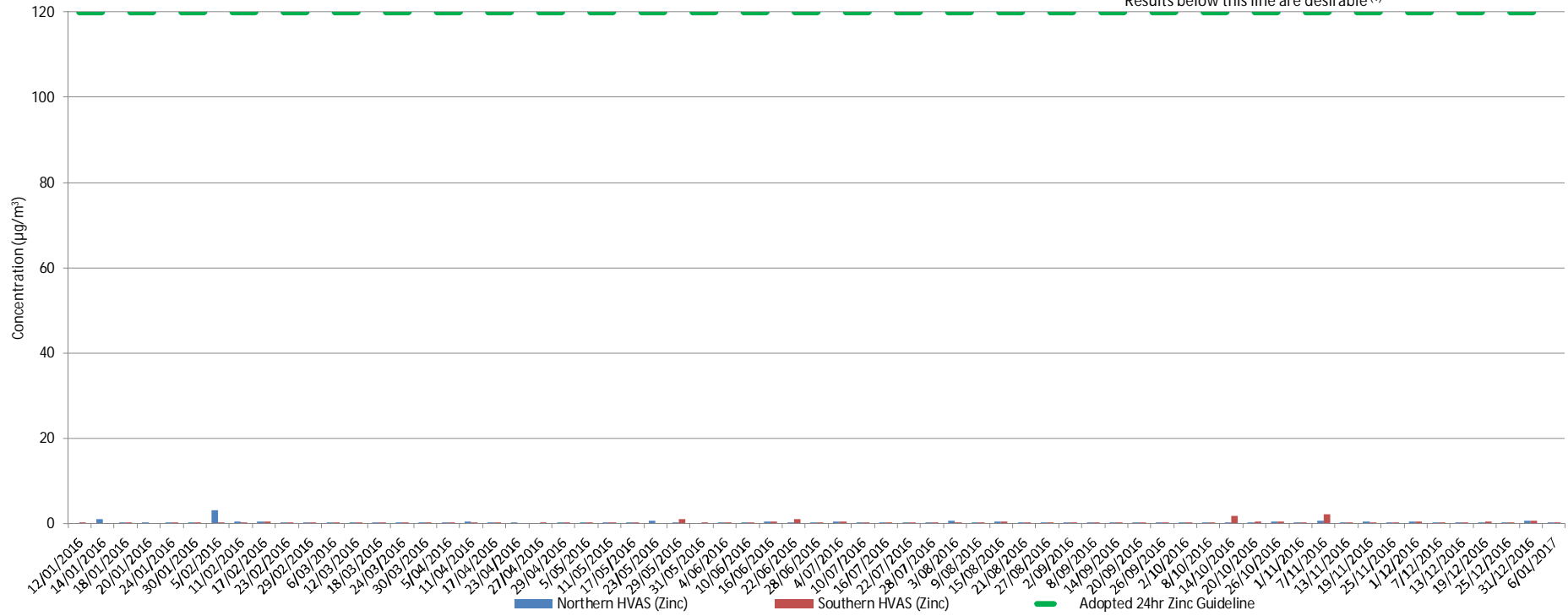


ConPorts Pty Ltd - 24 Hour Copper



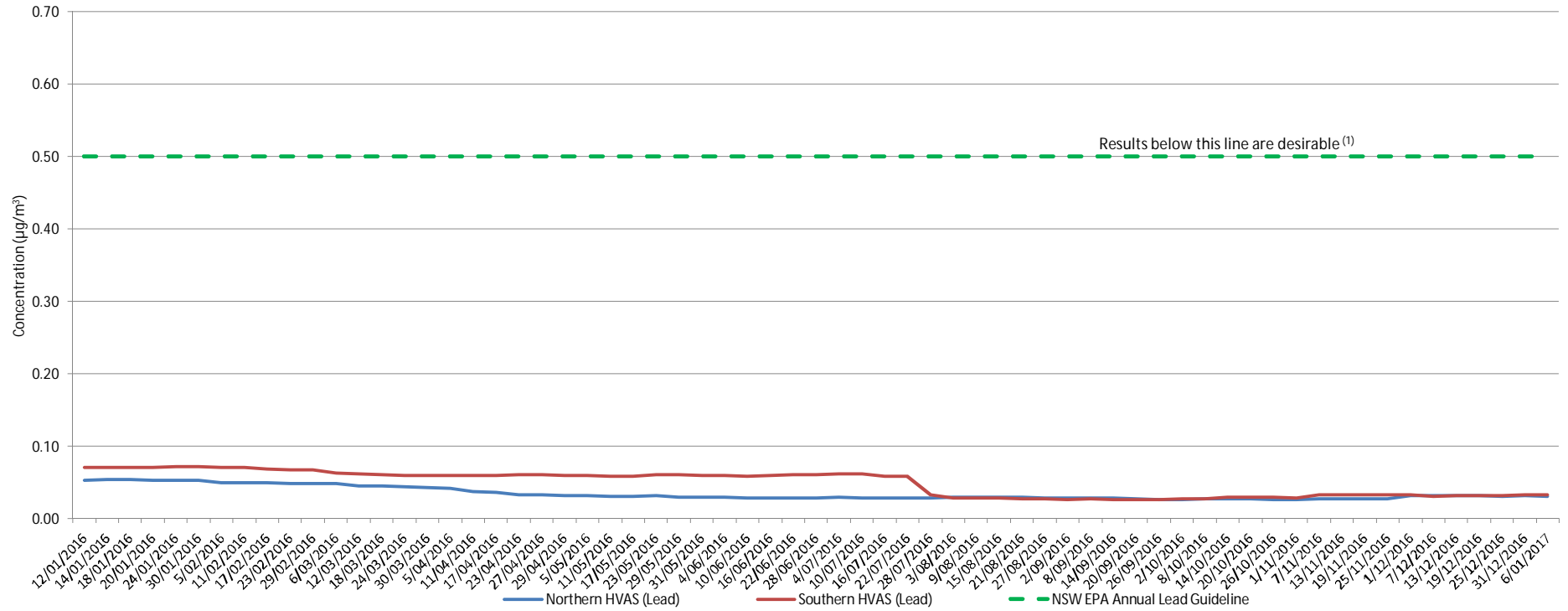
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



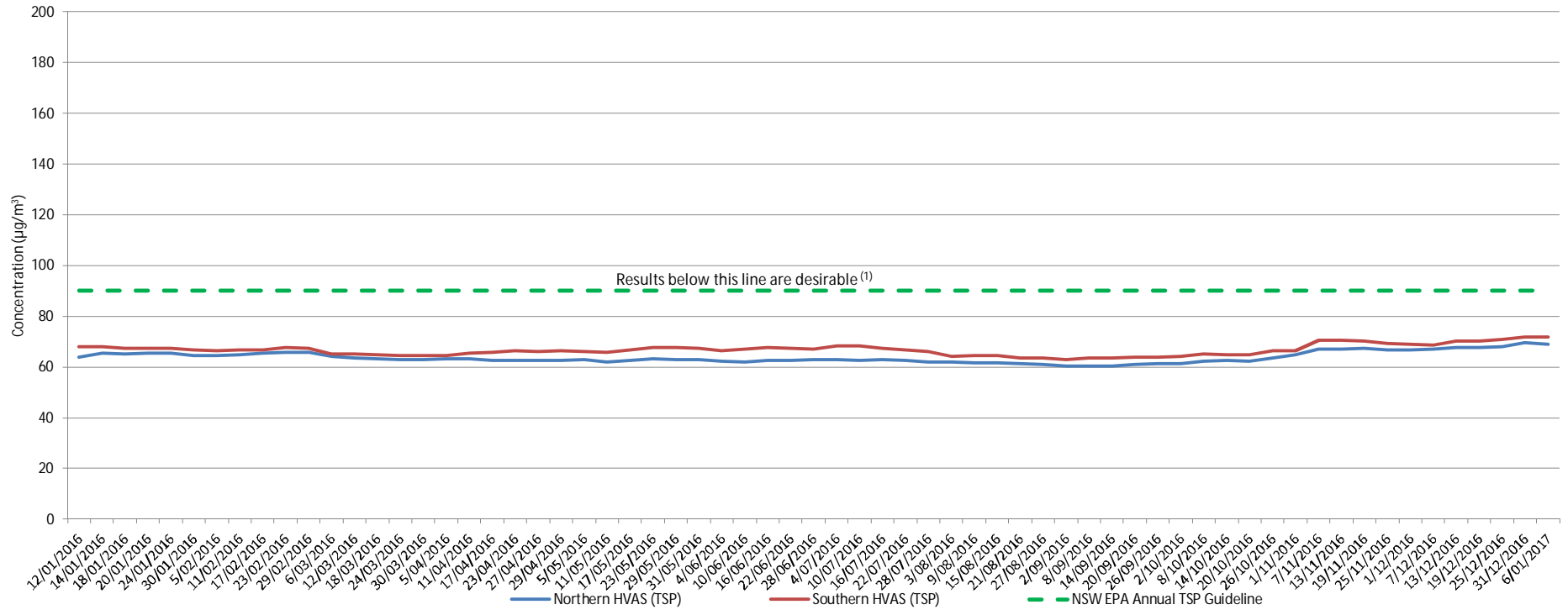
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty - Air Monitoring HVAS Results

HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Catch up sample at South location Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	
24/03/2016	60.3	0.028	0.014	0.15	76.6	0.069	0.016	0.109	
18/03/2016	80.8	0.123	0.014	0.09	85.6	0.680	0.021	0.116	
12/03/2016	55.4	0.043	0.011	0.08	63.6	0.078	0.011	0.094	
6/03/2016	51.7	0.006	<0.007	0.02	55.5	0.124	0.017	0.182	
29/02/2016	77.9	0.066	0.022	0.17	56.3	0.199	0.018	0.148	
23/02/2016	56.0	0.036	0.008	0.09	75.0	0.011	0.008	0.055	
17/02/2016	97.5	0.046	0.030	0.36	67.3	0.043	0.027	0.310	
11/02/2016	59.8	0.020	0.032	0.42	52.2	0.096	0.013	0.106	
5/02/2016	93.6	0.214	0.242	2.98	41.0	0.021	0.009	0.122	
30/01/2016	65.7	0.011	0.009	0.05	55.1	0.094	0.011	0.119	
24/01/2016	66.8	0.029	<0.007	0.06	67.8	0.149	<0.007	0.058	
20/01/2016	80.9	0.025	0.011	0.13	-	-	-	-	Catch up sample at North location.
18/01/2016	51.5	0.019	0.007	0.16	49.5	0.046	0.017	0.191	

ConPorts Pty - Water Quality Monitoring Results

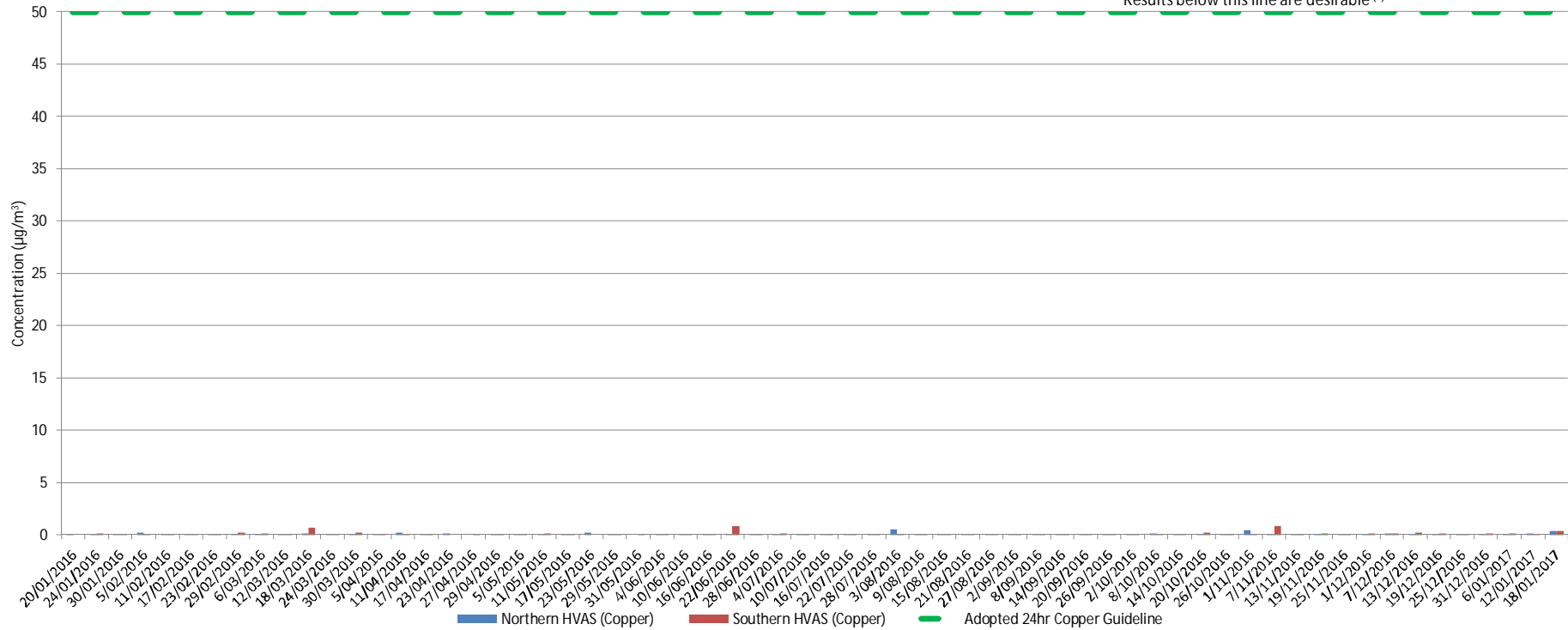
EPL Monitoring Point 3 (STW3)

Sampling Date	pH	Total	Dissolved Cu (mg/L)	Total Cu (mg/L)	Dissolved Pb (mg/L)	Total Pb (mg/L)	Dissolved Zn (mg/L)	Total Zn (mg/L)	Data Comments
		Suspended Solids (mg/L)							
16/12/2016	6.9	12	0.22	0.43	0.09	0.26	1.7	2.0	

EPL Monitoring Point 4 (STW2)

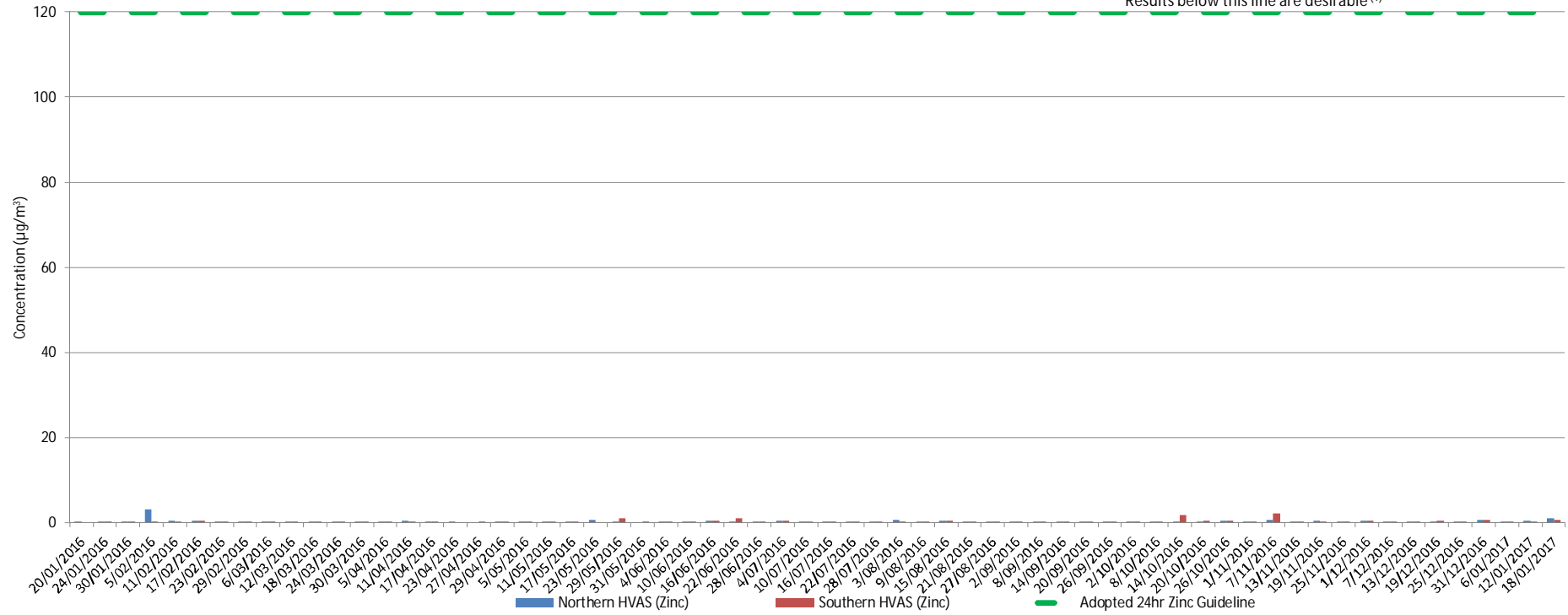
Sampling Date	pH	Total	Dissolved Cu (mg/L)	Total Cu (mg/L)	Dissolved Pb (mg/L)	Total Pb (mg/L)	Dissolved Zn (mg/L)	Total Zn (mg/L)	Data Comments
		Suspended Solids (mg/L)							
16/12/2016	7.5	7.0	0.063	0.306	0.103	0.287	1.1	1.6	

ConPorts Pty Ltd - 24 Hour Copper



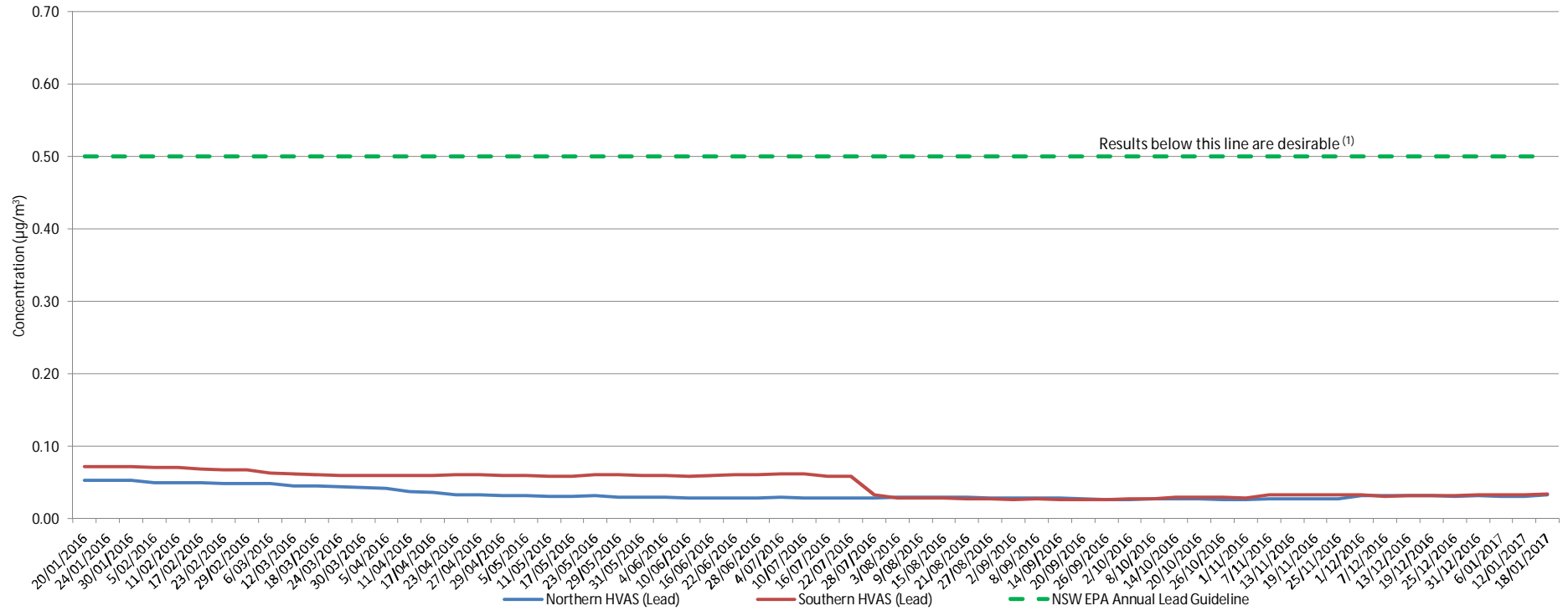
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



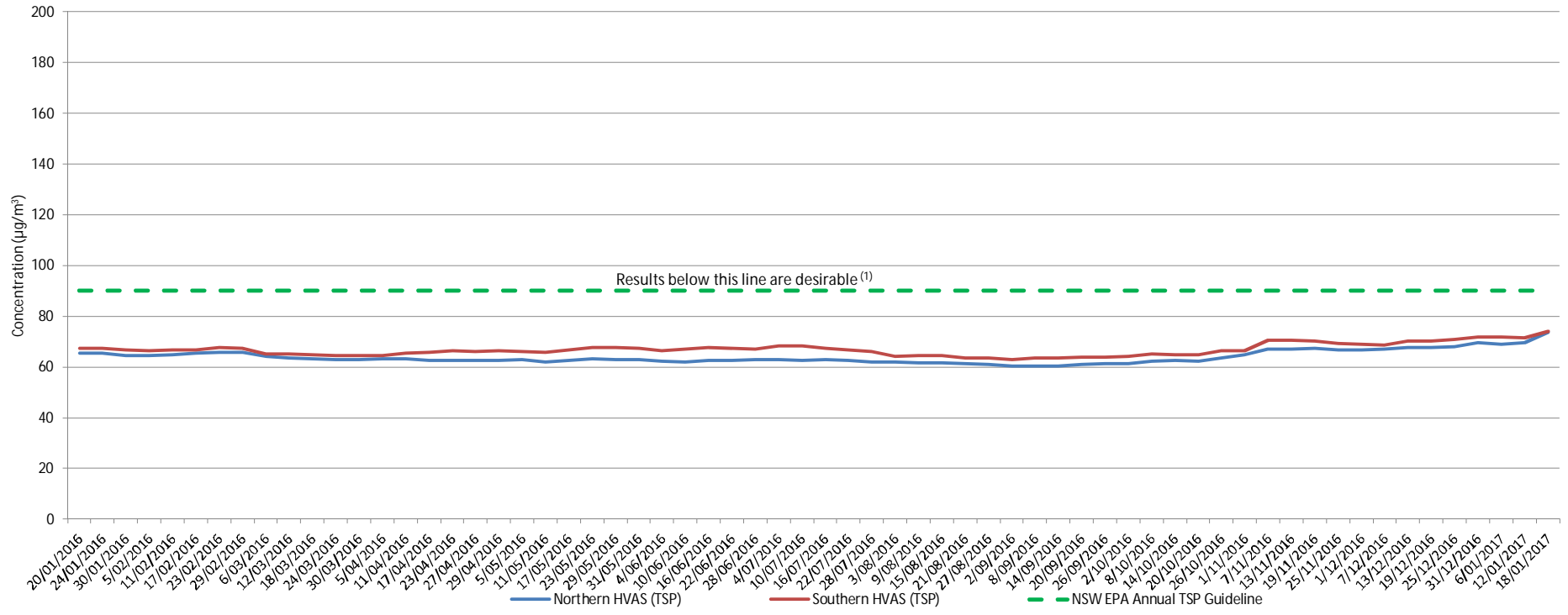
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

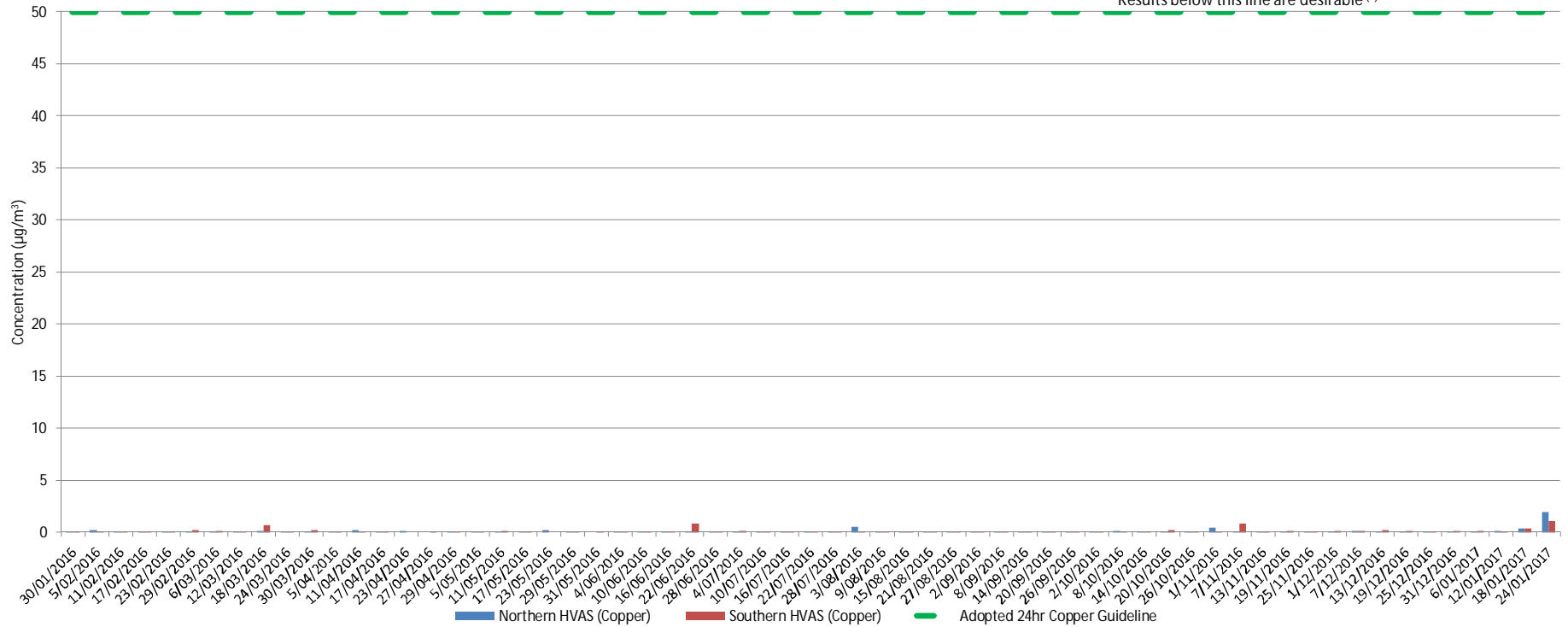
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

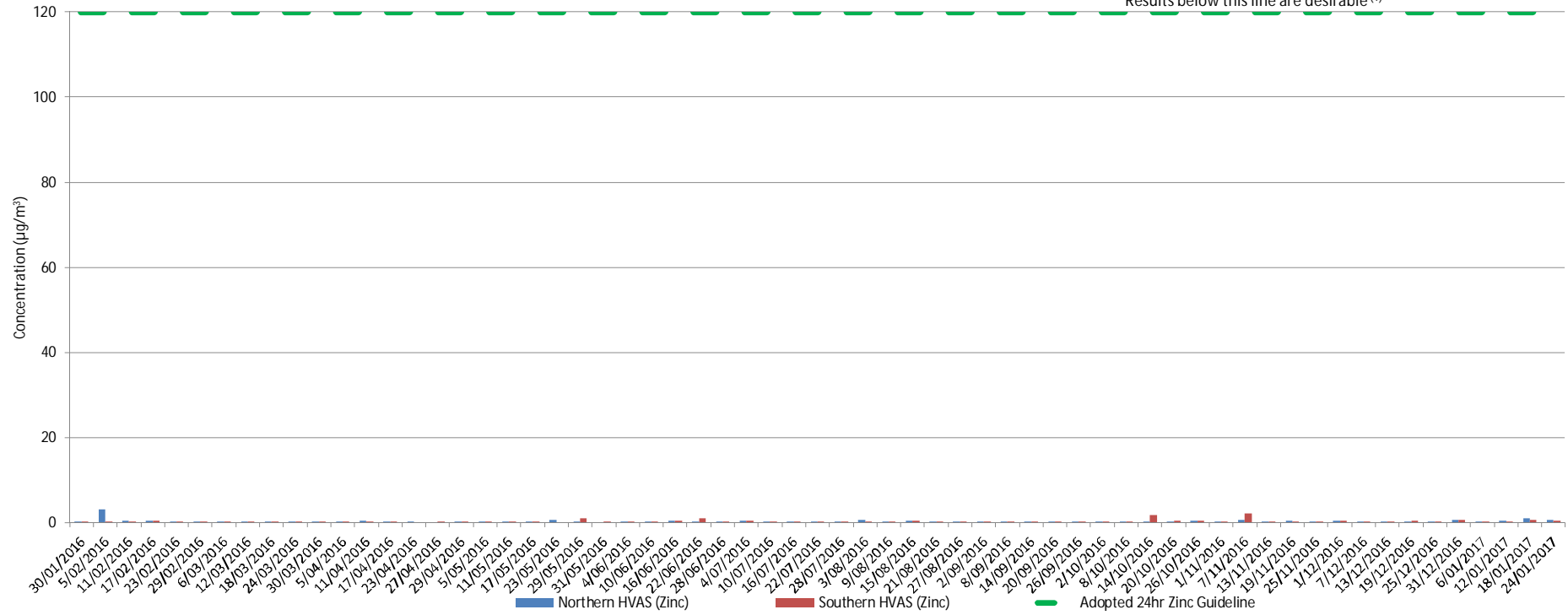
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Catch up sample at South location
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	Power issue resulted in incomplete sample at South location.
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	
24/03/2016	60.3	0.028	0.014	0.15	76.6	0.069	0.016	0.109	
18/03/2016	80.8	0.123	0.014	0.09	85.6	0.680	0.021	0.116	
12/03/2016	55.4	0.043	0.011	0.08	63.6	0.078	0.011	0.094	
6/03/2016	51.7	0.006	<0.007	0.02	55.5	0.124	0.017	0.182	
29/02/2016	77.9	0.066	0.022	0.17	56.3	0.199	0.018	0.148	
23/02/2016	56.0	0.036	0.008	0.09	75.0	0.011	0.008	0.055	
17/02/2016	97.5	0.046	0.030	0.36	67.3	0.043	0.027	0.310	
11/02/2016	59.8	0.020	0.032	0.42	52.2	0.096	0.013	0.106	
5/02/2016	93.6	0.214	0.242	2.98	41.0	0.021	0.009	0.122	
30/01/2016	65.7	0.011	0.009	0.05	55.1	0.094	0.011	0.119	
24/01/2016	66.8	0.029	<0.007	0.06	67.8	0.149	<0.007	0.058	

ConPorts Pty Ltd - 24 Hour Copper



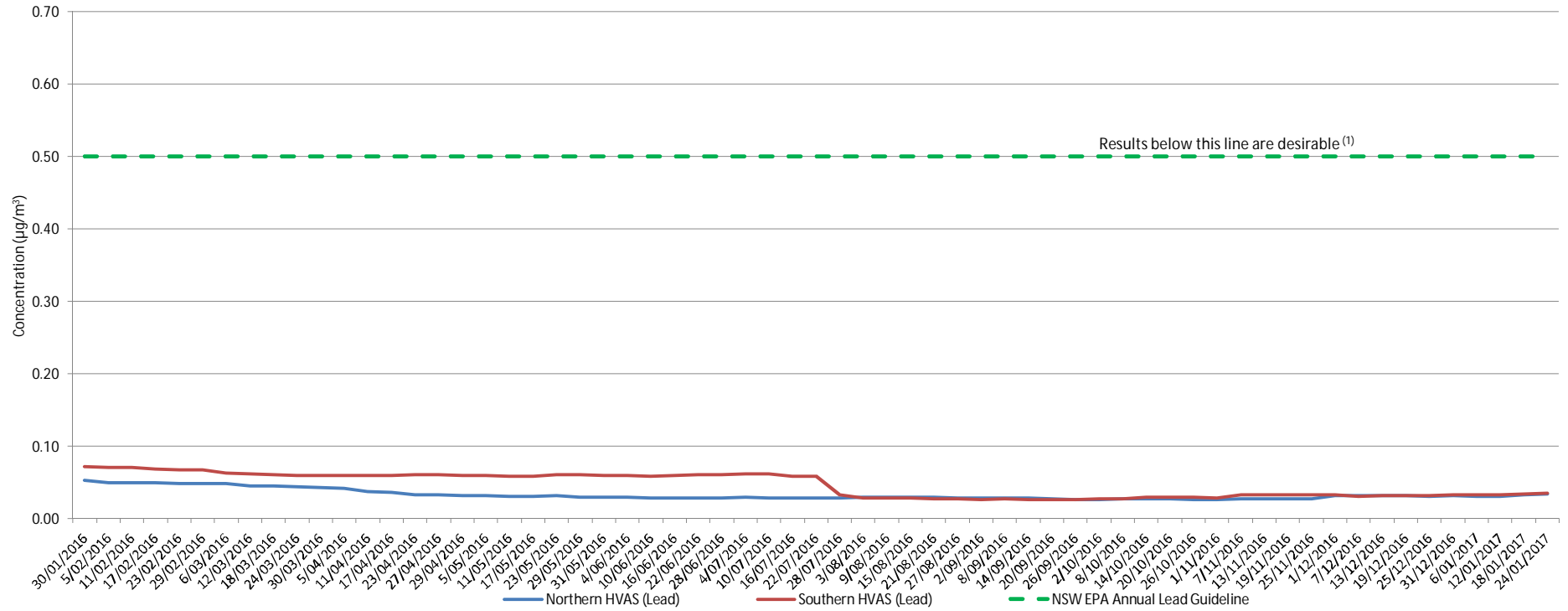
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



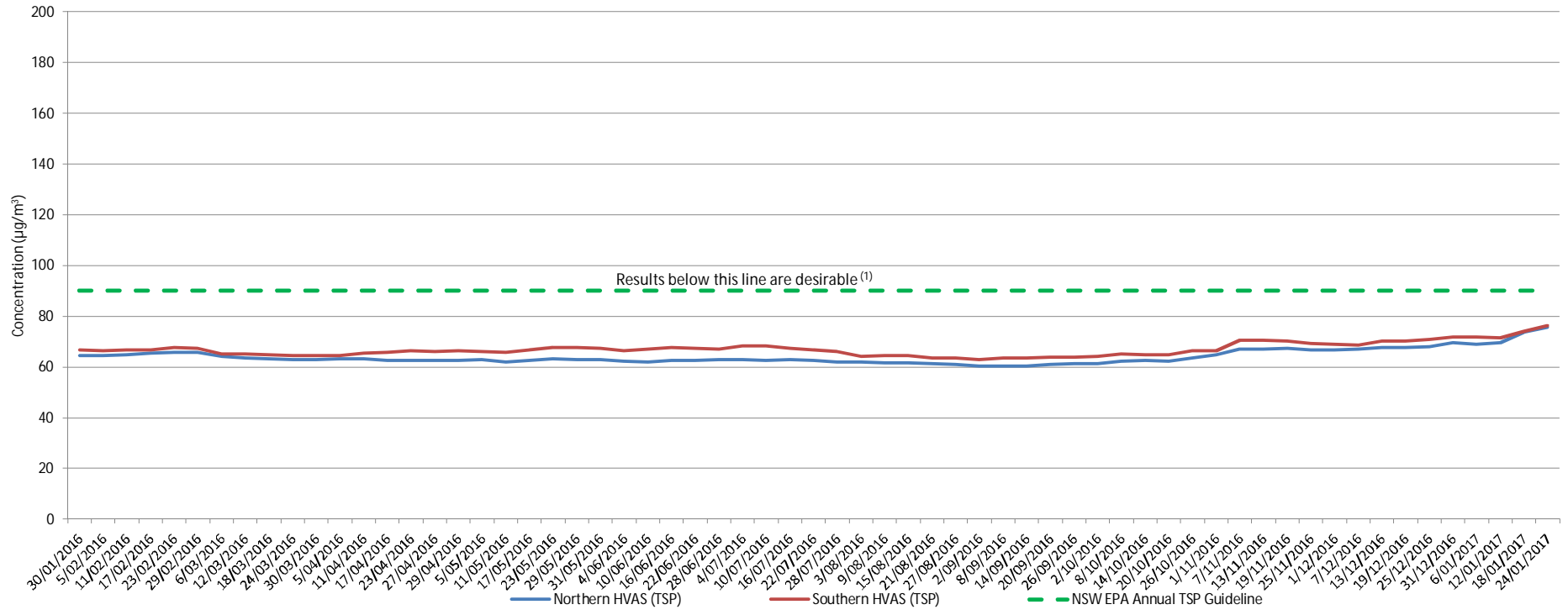
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



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ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

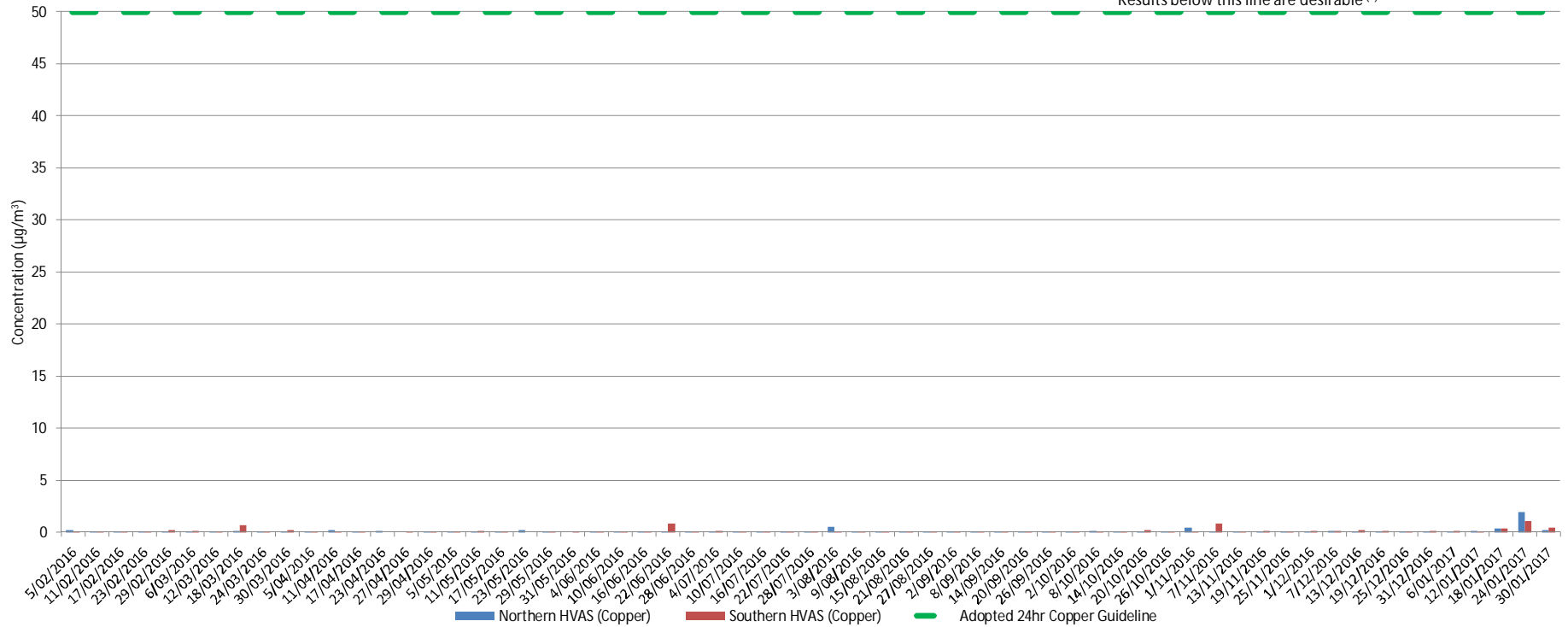
ConPorts Pty - Air Monitoring HVAS Results

HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
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7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
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8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

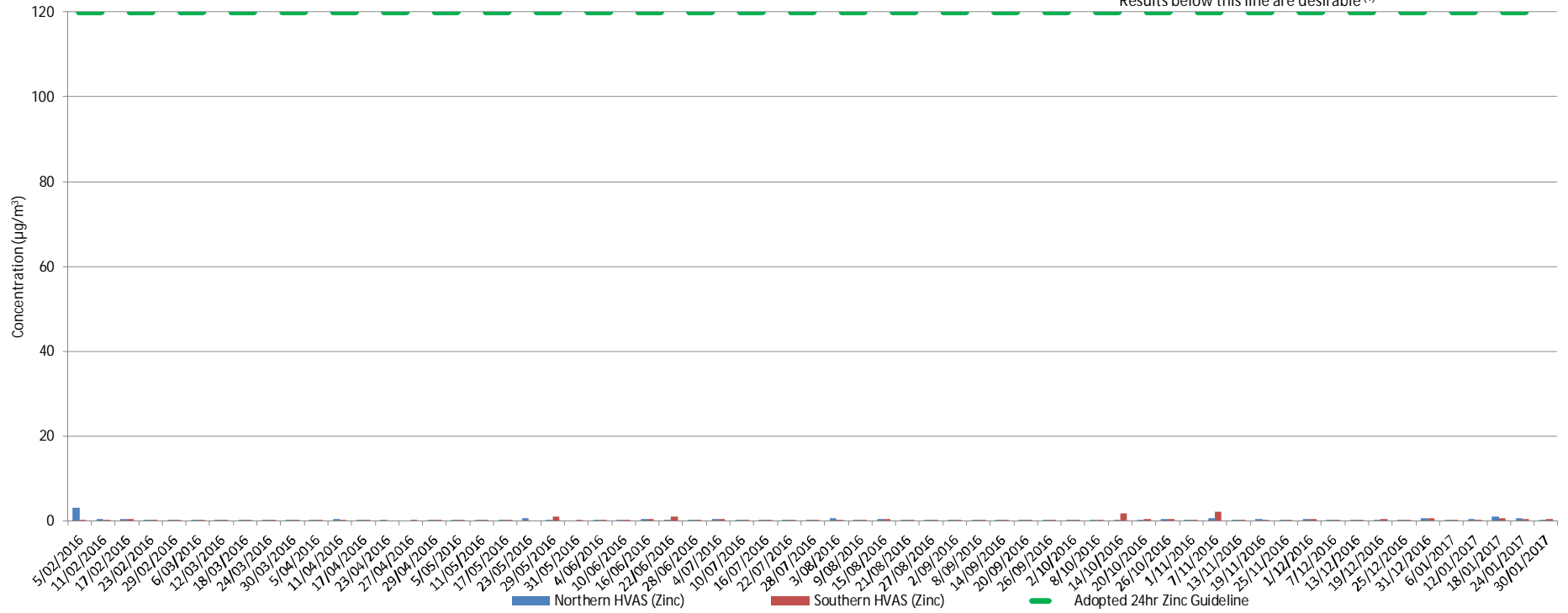
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Catch up sample at South location
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	Power issue resulted in incomplete sample at South location.
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	
24/03/2016	60.3	0.028	0.014	0.15	76.6	0.069	0.016	0.109	
18/03/2016	80.8	0.123	0.014	0.09	85.6	0.680	0.021	0.116	
12/03/2016	55.4	0.043	0.011	0.08	63.6	0.078	0.011	0.094	
6/03/2016	51.7	0.006	<0.007	0.02	55.5	0.124	0.017	0.182	
29/02/2016	77.9	0.066	0.022	0.17	56.3	0.199	0.018	0.148	
23/02/2016	56.0	0.036	0.008	0.09	75.0	0.011	0.008	0.055	
17/02/2016	97.5	0.046	0.030	0.36	67.3	0.043	0.027	0.310	
11/02/2016	59.8	0.020	0.032	0.42	52.2	0.096	0.013	0.106	
5/02/2016	93.6	0.214	0.242	2.98	41.0	0.021	0.009	0.122	
30/01/2016	65.7	0.011	0.009	0.05	55.1	0.094	0.011	0.119	

ConPorts Pty Ltd - 24 Hour Copper



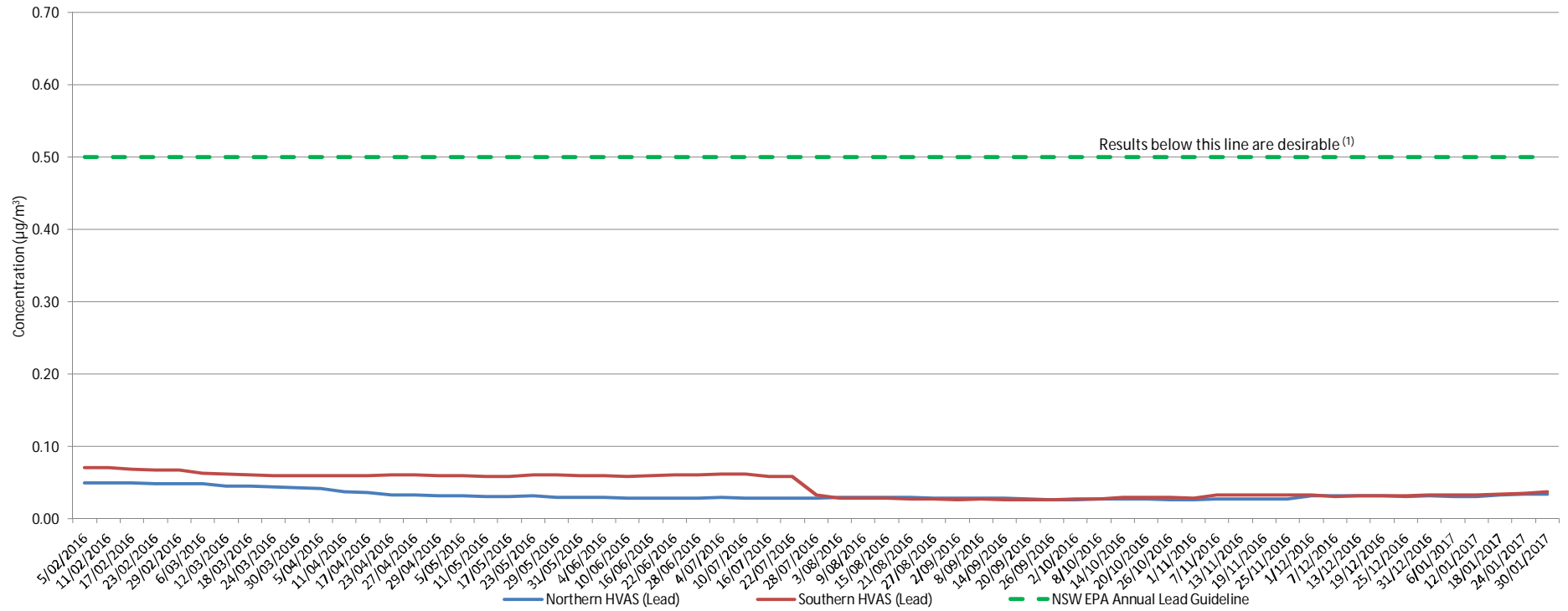
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



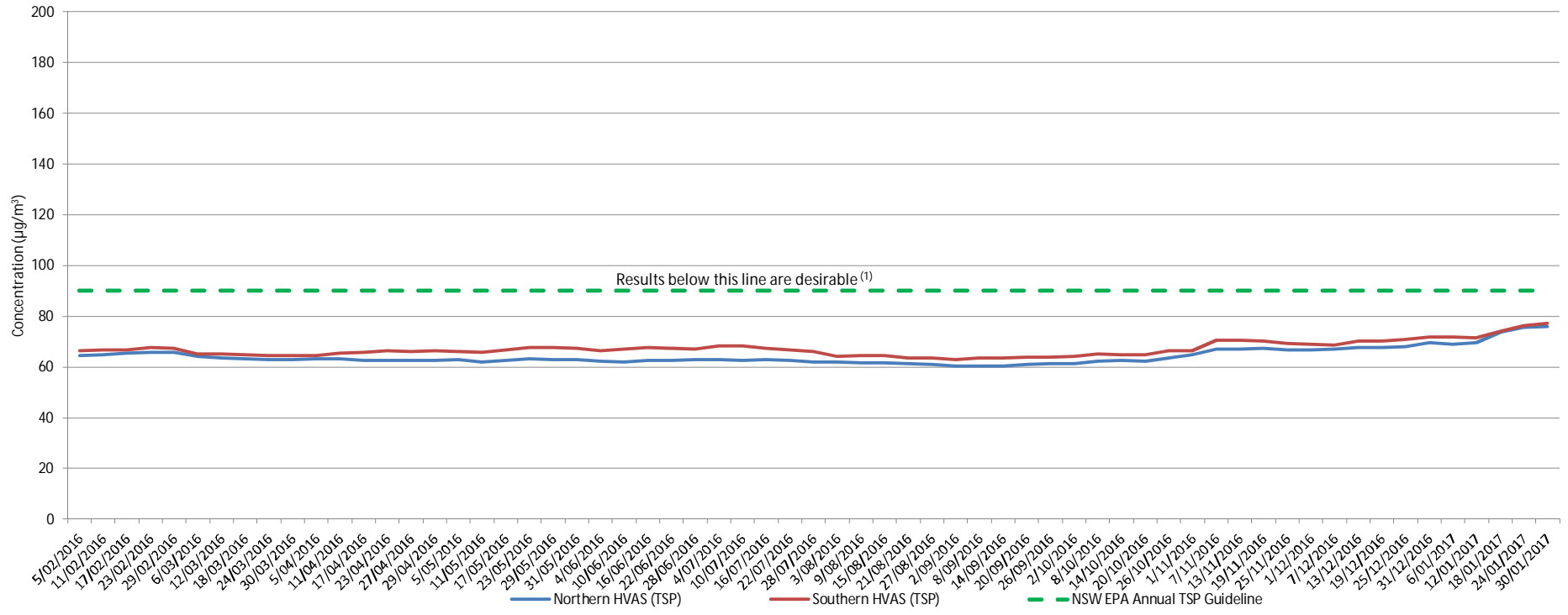
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

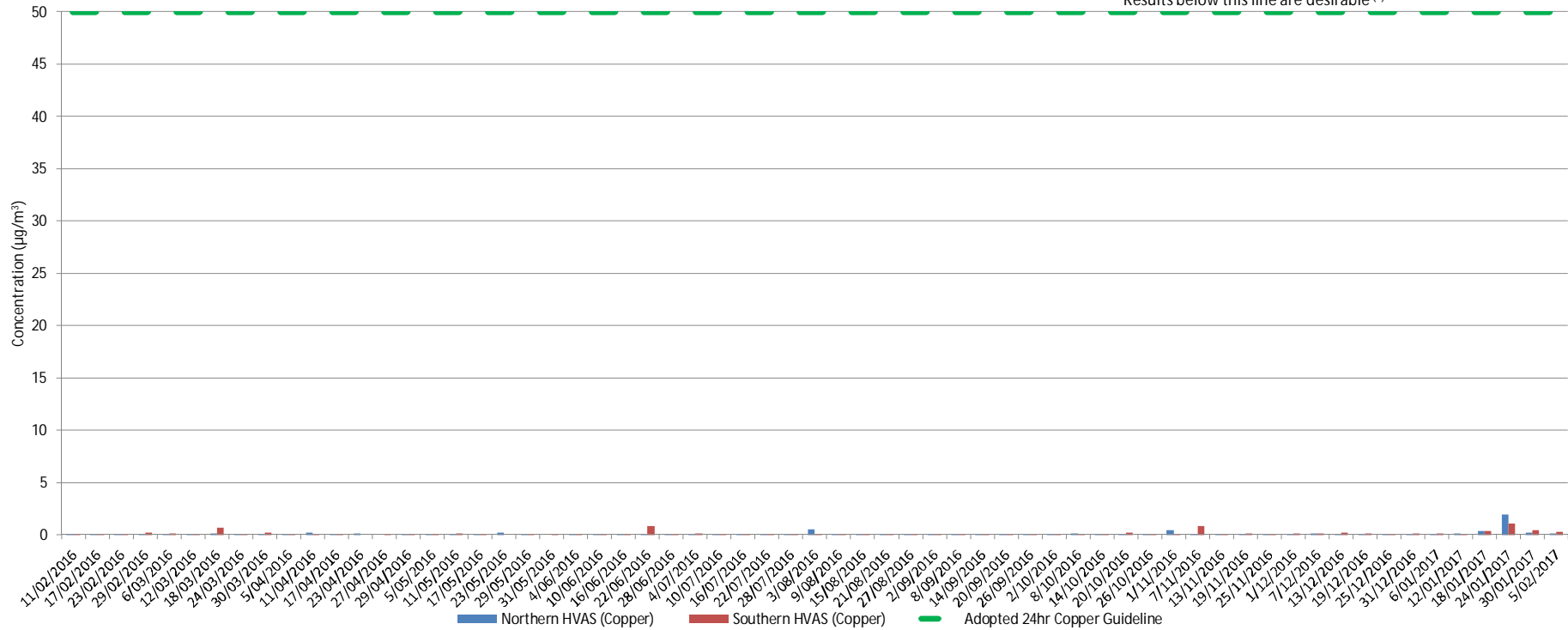
ConPorts Pty - Air Monitoring HVAS Results

HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

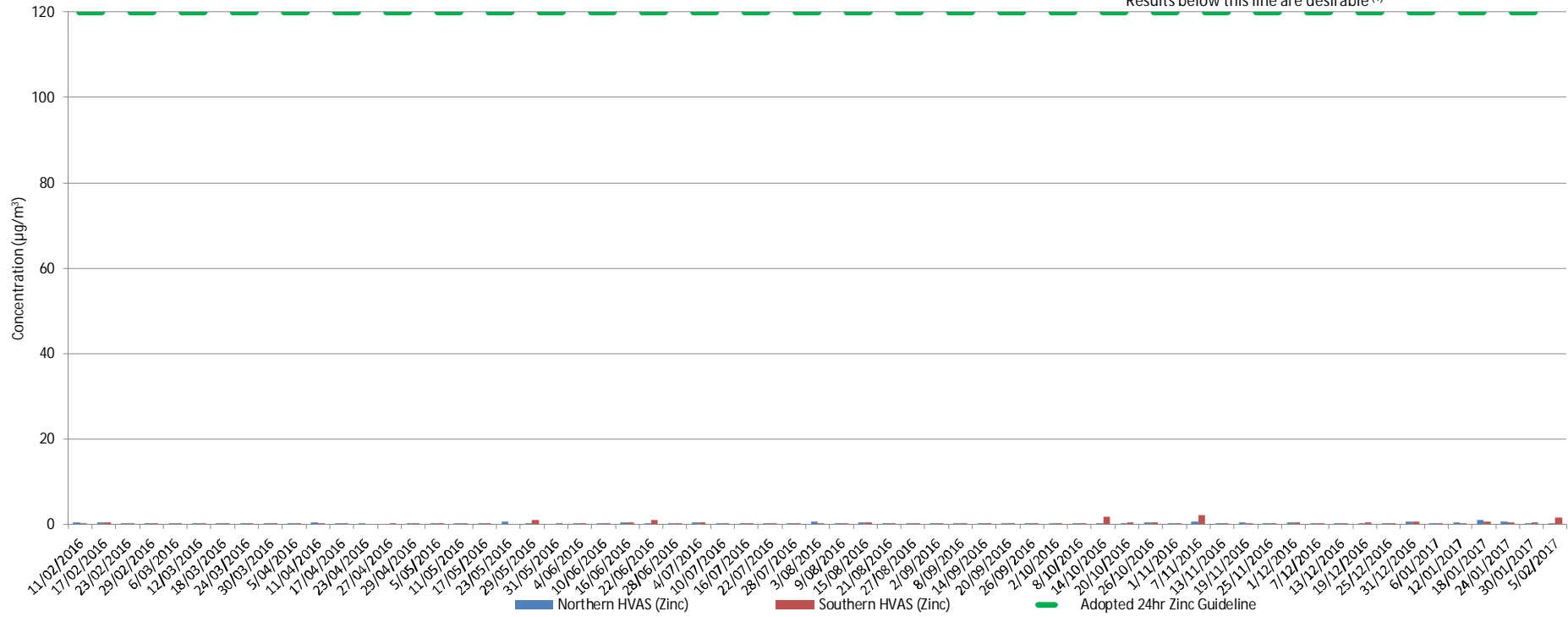
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Catch up sample at South location Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	
24/03/2016	60.3	0.028	0.014	0.15	76.6	0.069	0.016	0.109	
18/03/2016	80.8	0.123	0.014	0.09	85.6	0.680	0.021	0.116	
12/03/2016	55.4	0.043	0.011	0.08	63.6	0.078	0.011	0.094	
6/03/2016	51.7	0.006	<0.007	0.02	55.5	0.124	0.017	0.182	
29/02/2016	77.9	0.066	0.022	0.17	56.3	0.199	0.018	0.148	
23/02/2016	56.0	0.036	0.008	0.09	75.0	0.011	0.008	0.055	
17/02/2016	97.5	0.046	0.030	0.36	67.3	0.043	0.027	0.310	
11/02/2016	59.8	0.020	0.032	0.42	52.2	0.096	0.013	0.106	
5/02/2016	93.6	0.214	0.242	2.98	41.0	0.021	0.009	0.122	

ConPorts Pty Ltd - 24 Hour Copper



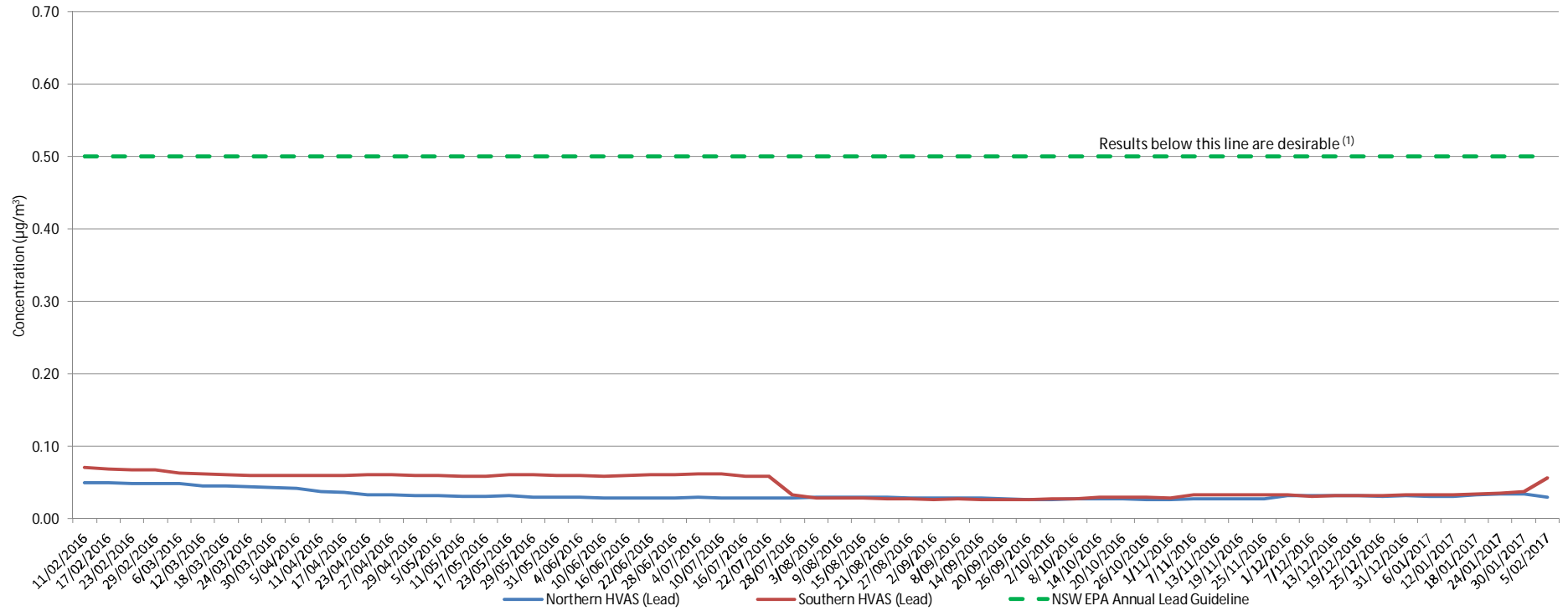
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



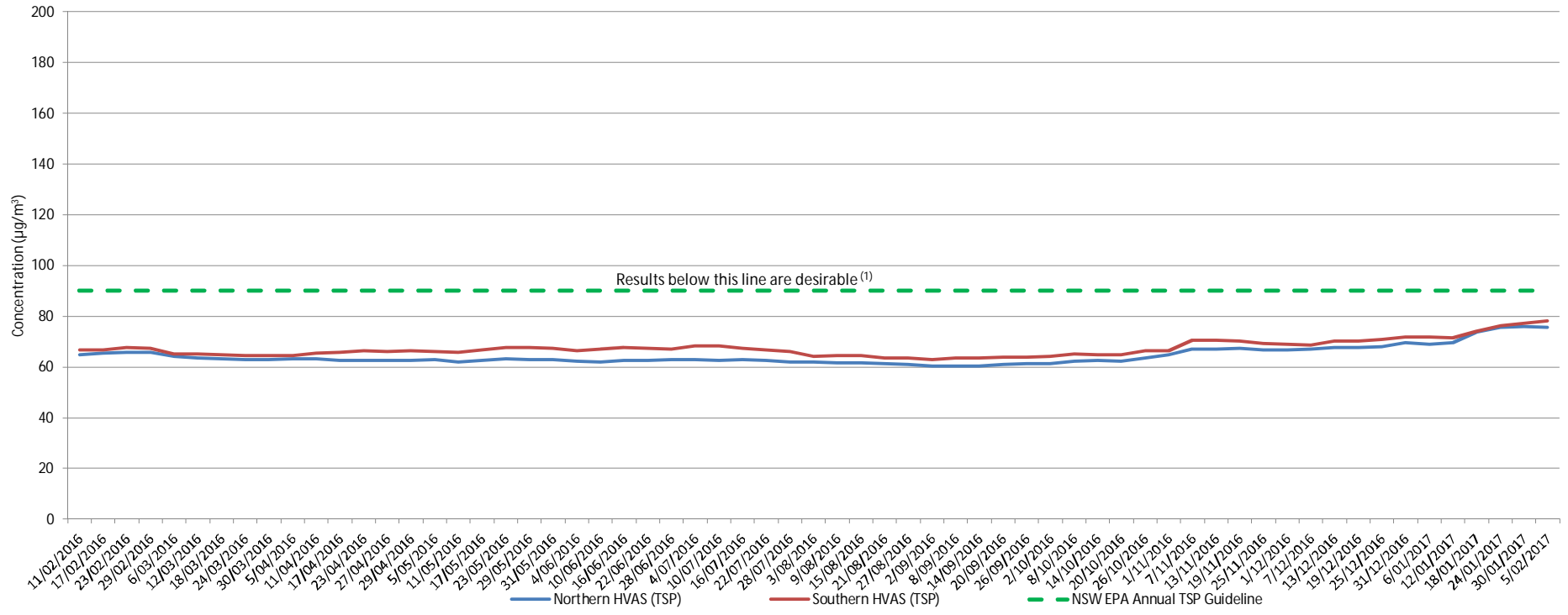
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	Catch up sample at South location
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	Catch up sample at South location
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	
24/03/2016	60.3	0.028	0.014	0.15	76.6	0.069	0.016	0.109	
18/03/2016	80.8	0.123	0.014	0.09	85.6	0.680	0.021	0.116	
12/03/2016	55.4	0.043	0.011	0.08	63.6	0.078	0.011	0.094	
6/03/2016	51.7	0.006	<0.007	0.02	55.5	0.124	0.017	0.182	
29/02/2016	77.9	0.066	0.022	0.17	56.3	0.199	0.018	0.148	
23/02/2016	56.0	0.036	0.008	0.09	75.0	0.011	0.008	0.055	
17/02/2016	97.5	0.046	0.030	0.36	67.3	0.043	0.027	0.310	
11/02/2016	59.8	0.020	0.032	0.42	52.2	0.096	0.013	0.106	

ConPorts Pty - Water Quality Monitoring Results

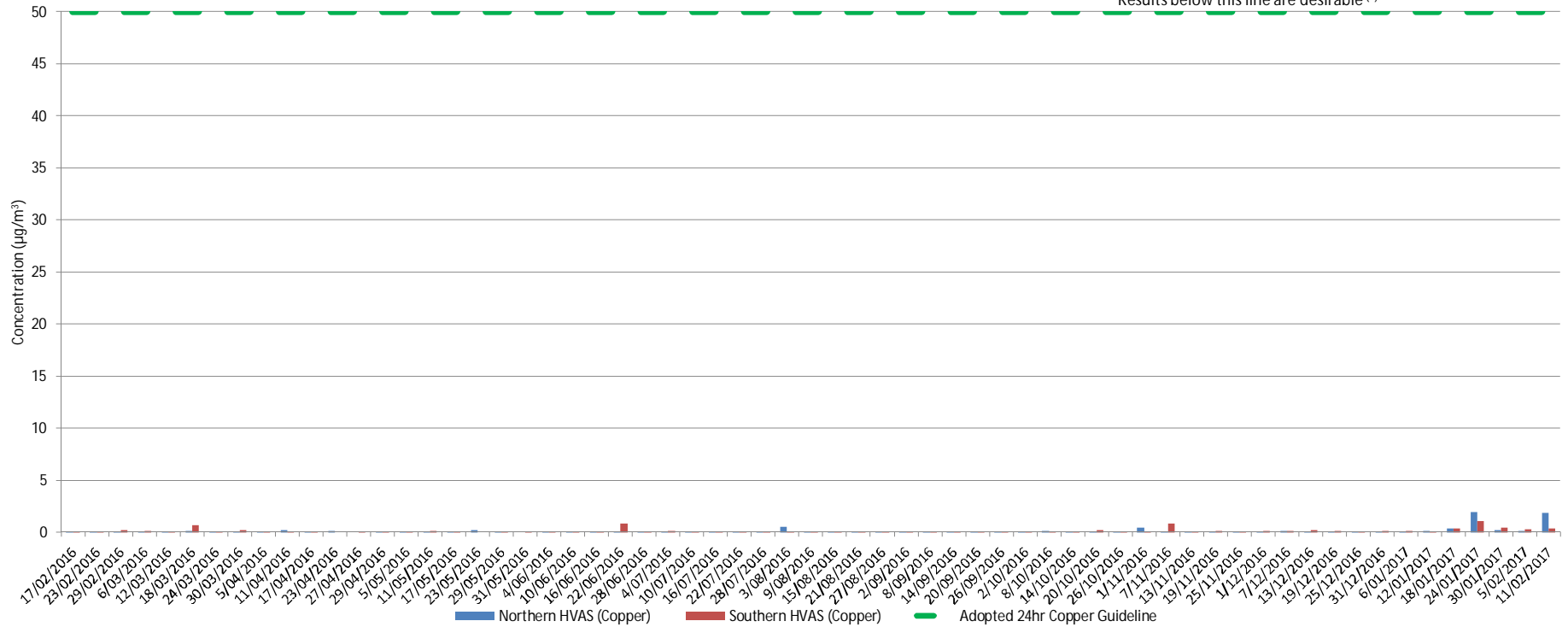
EPL Monitoring Point 3 (STW3)

Sampling Date	pH	Total Suspended Solids (mg/L)	Dissolved Cu (mg/L)	Total Cu (mg/L)	Dissolved Pb (mg/L)	Total Pb (mg/L)	Dissolved Zn (mg/L)	Total Zn (mg/L)	Data Comments
20/01/2017	6.9	76	0.084	1.1	0.08	0.53	1.5	3.7	

EPL Monitoring Point 4 (STW2)

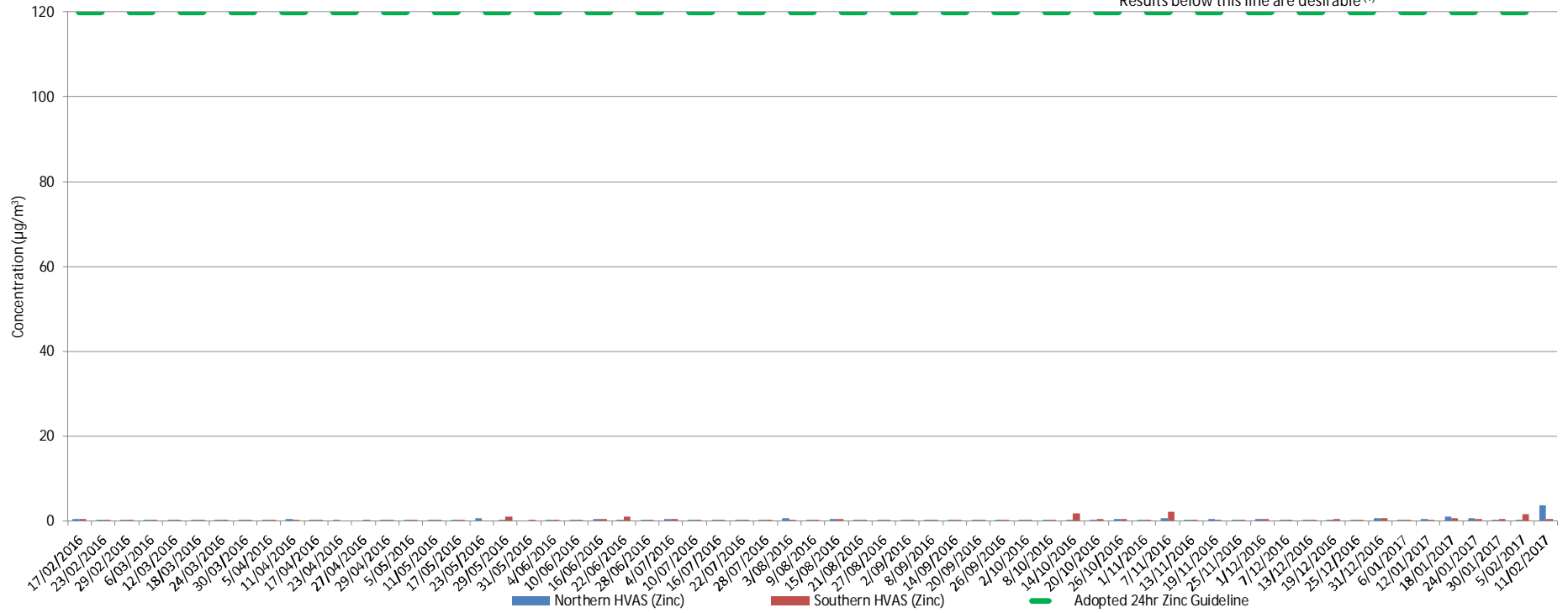
Sampling Date	pH	Total Suspended Solids (mg/L)	Dissolved Cu (mg/L)	Total Cu (mg/L)	Dissolved Pb (mg/L)	Total Pb (mg/L)	Dissolved Zn (mg/L)	Total Zn (mg/L)	Data Comments
20/01/2017	6.8	61	0.025	1.3	0.042	1.2	0.29	4.4	

ConPorts Pty Ltd - 24 Hour Copper



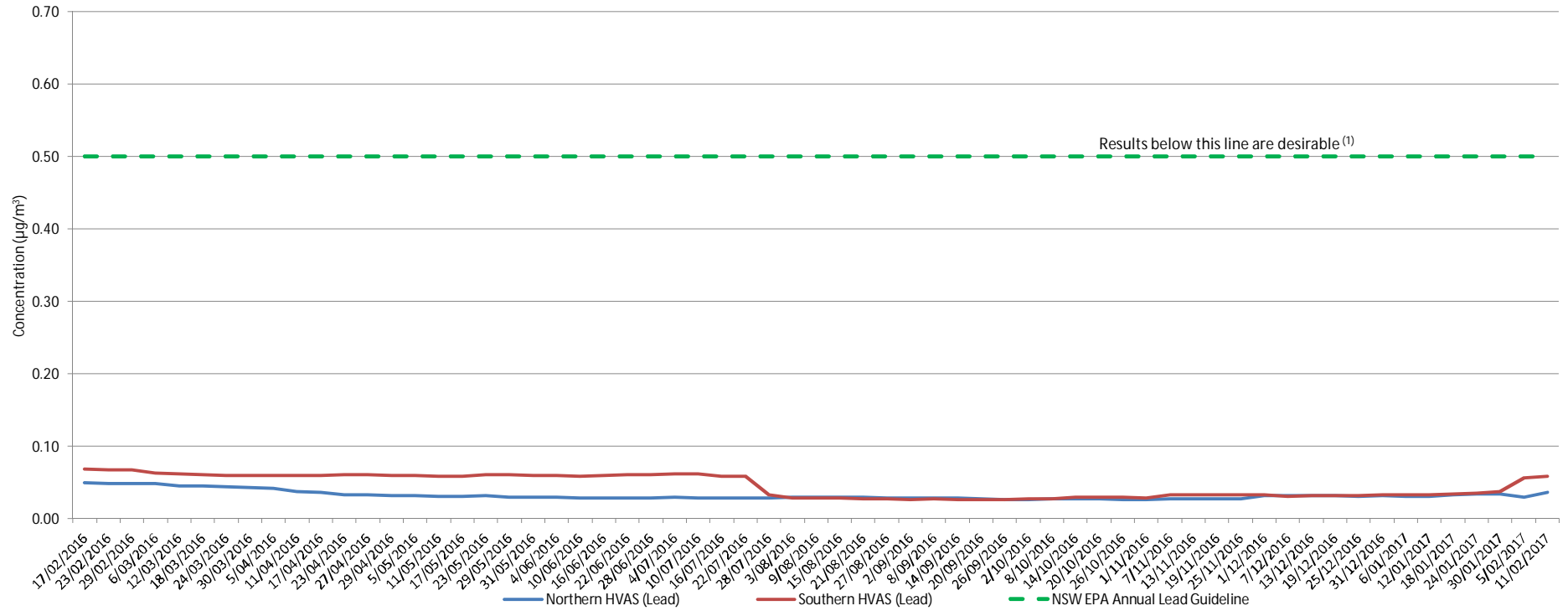
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



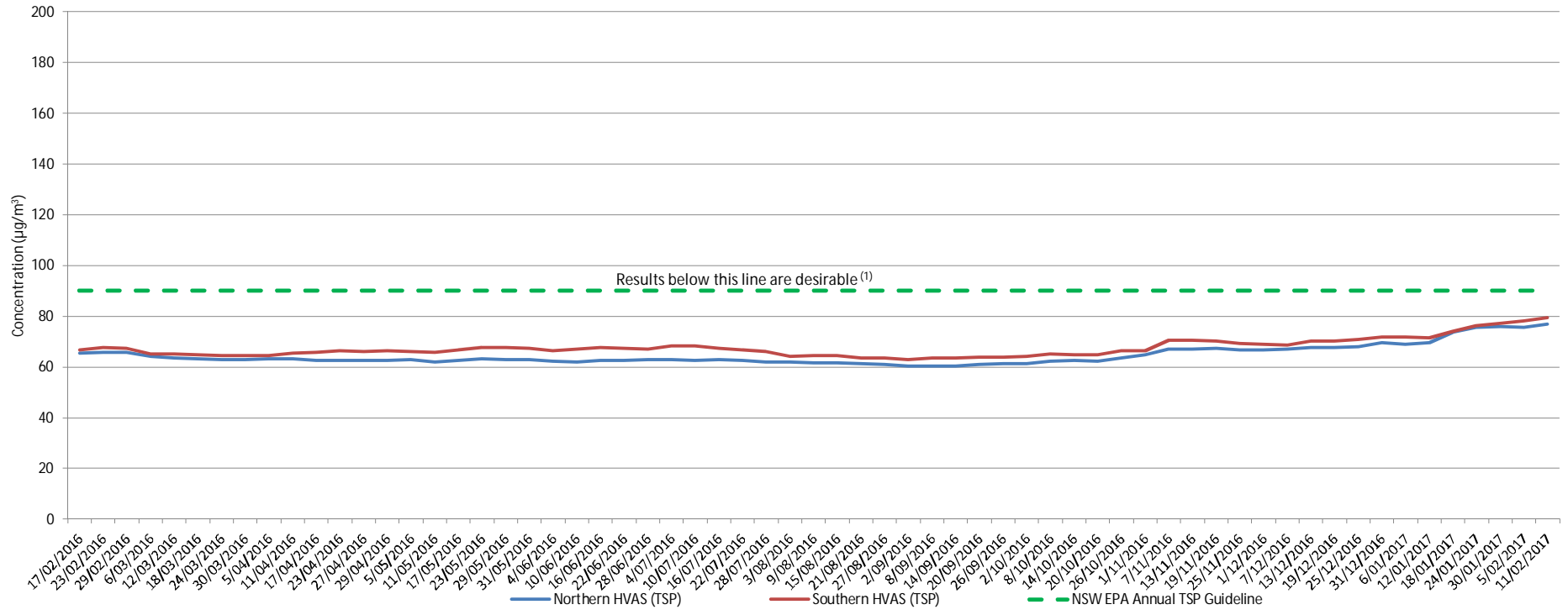
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



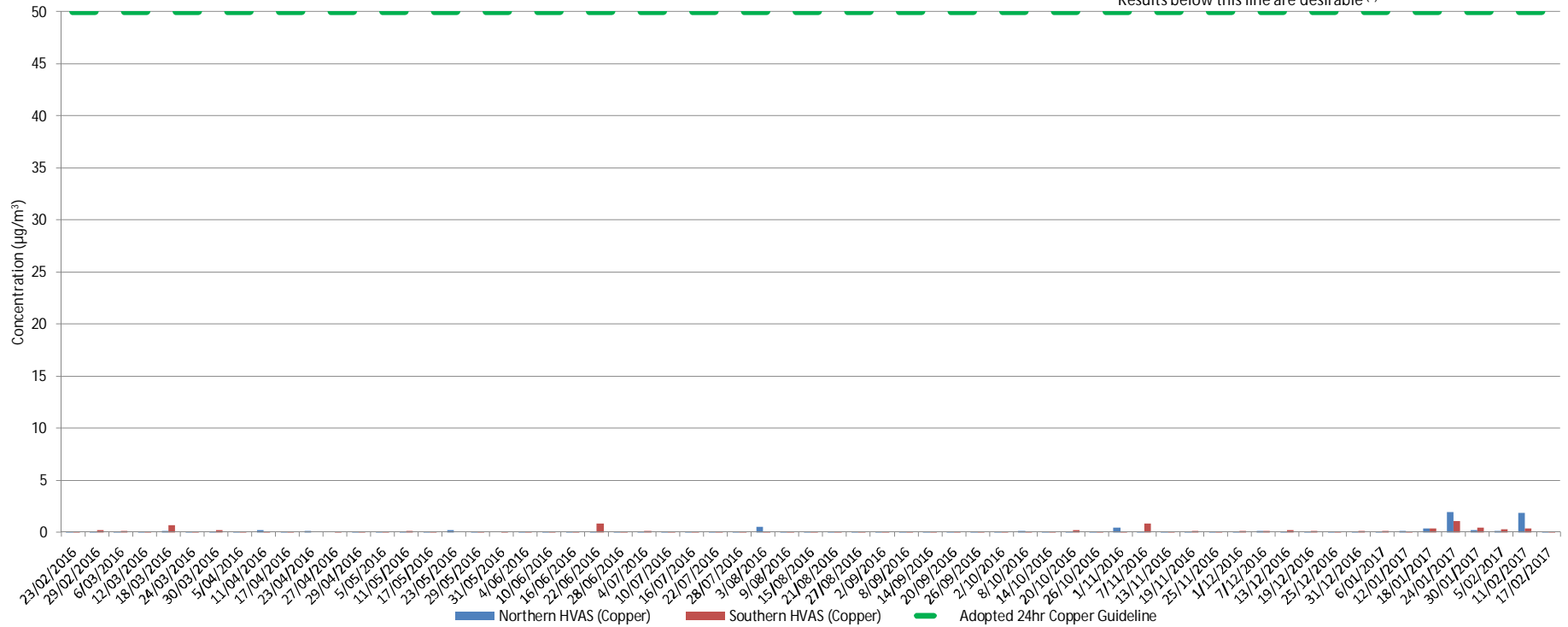
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

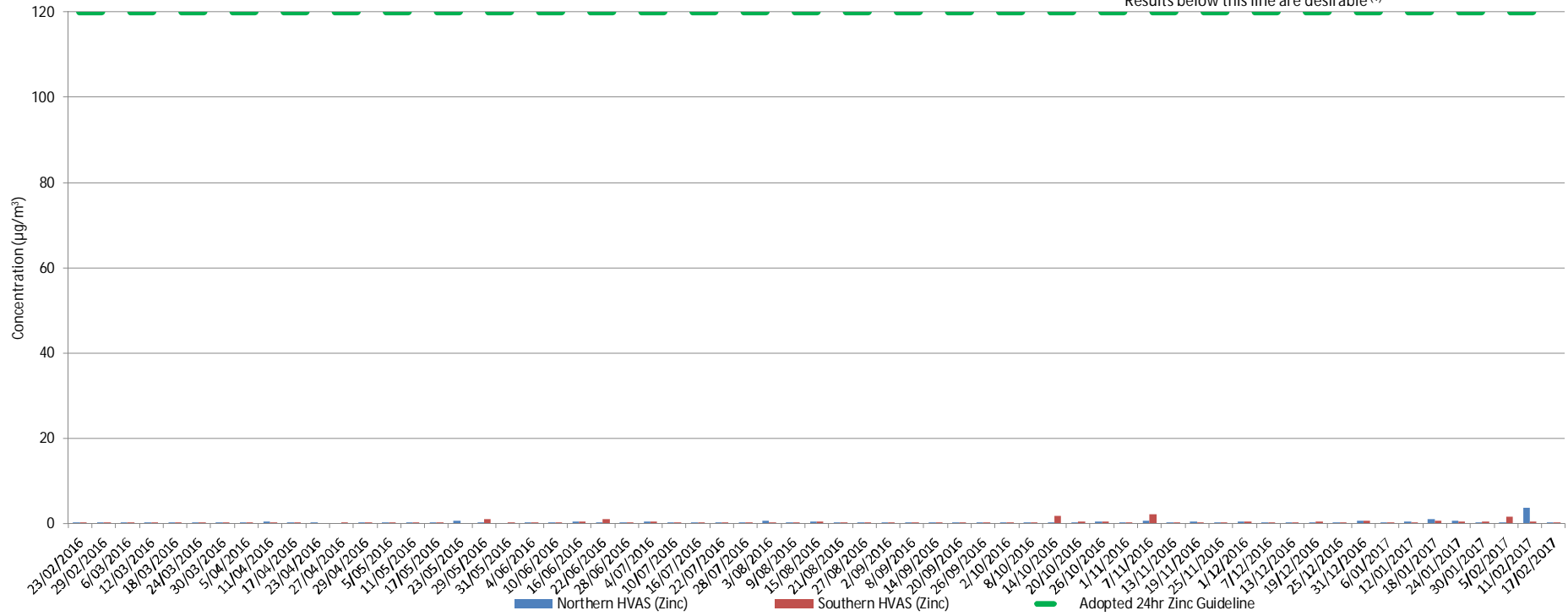
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	Catch up sample at South location
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	
24/03/2016	60.3	0.028	0.014	0.15	76.6	0.069	0.016	0.109	
18/03/2016	80.8	0.123	0.014	0.09	85.6	0.680	0.021	0.116	
12/03/2016	55.4	0.043	0.011	0.08	63.6	0.078	0.011	0.094	
6/03/2016	51.7	0.006	<0.007	0.02	55.5	0.124	0.017	0.182	
29/02/2016	77.9	0.066	0.022	0.17	56.3	0.199	0.018	0.148	
23/02/2016	56.0	0.036	0.008	0.09	75.0	0.011	0.008	0.055	
17/02/2016	97.5	0.046	0.030	0.36	67.3	0.043	0.027	0.310	

ConPorts Pty Ltd - 24 Hour Copper



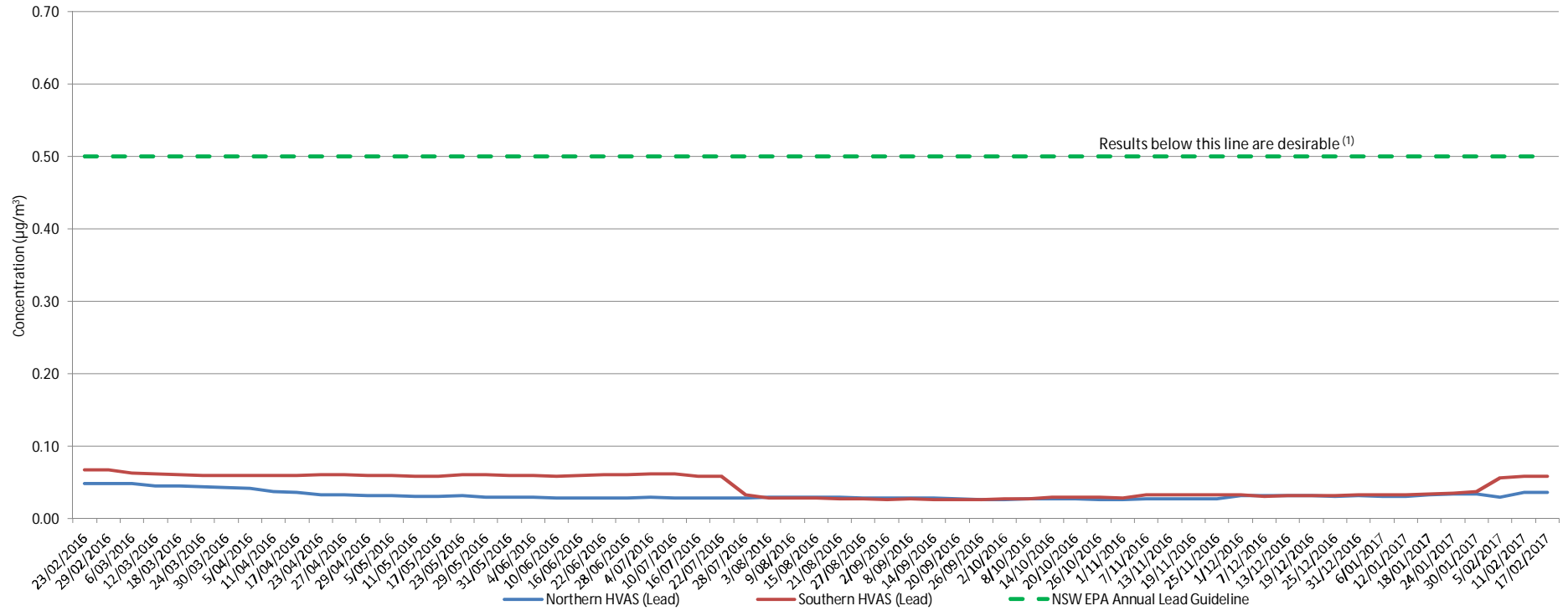
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



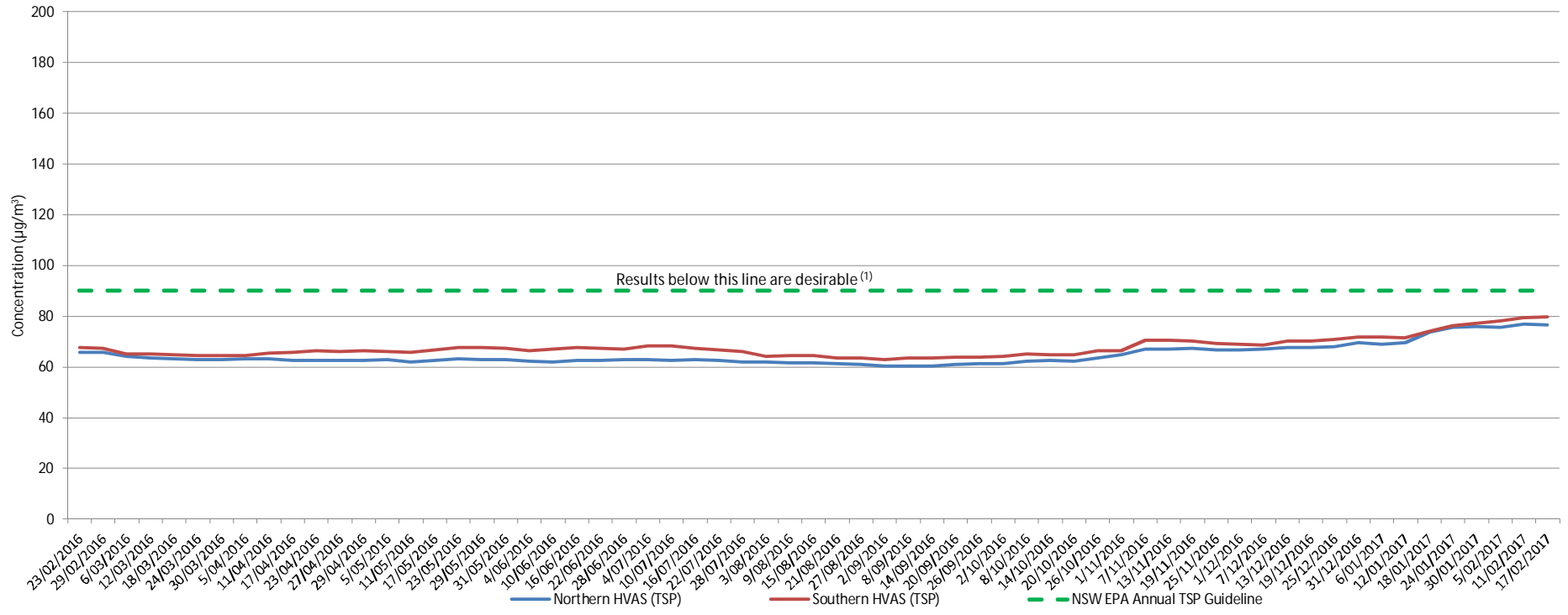
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

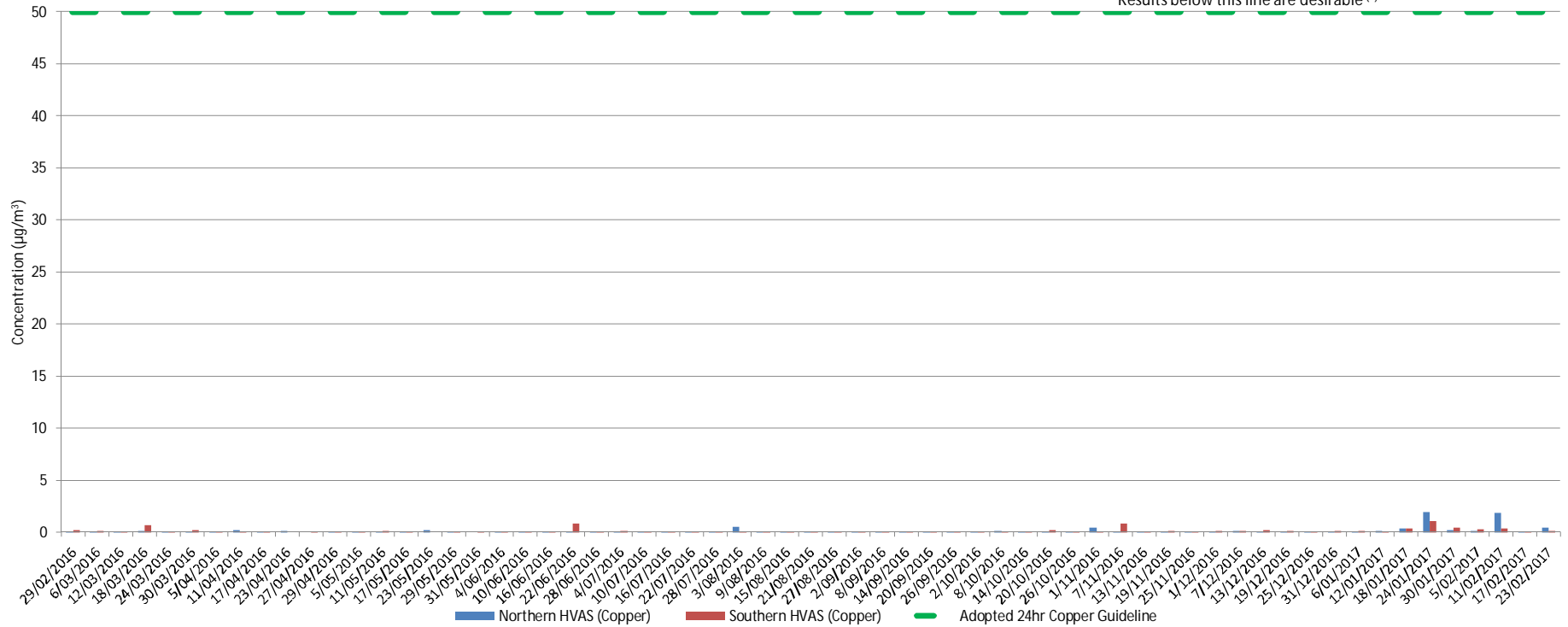
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

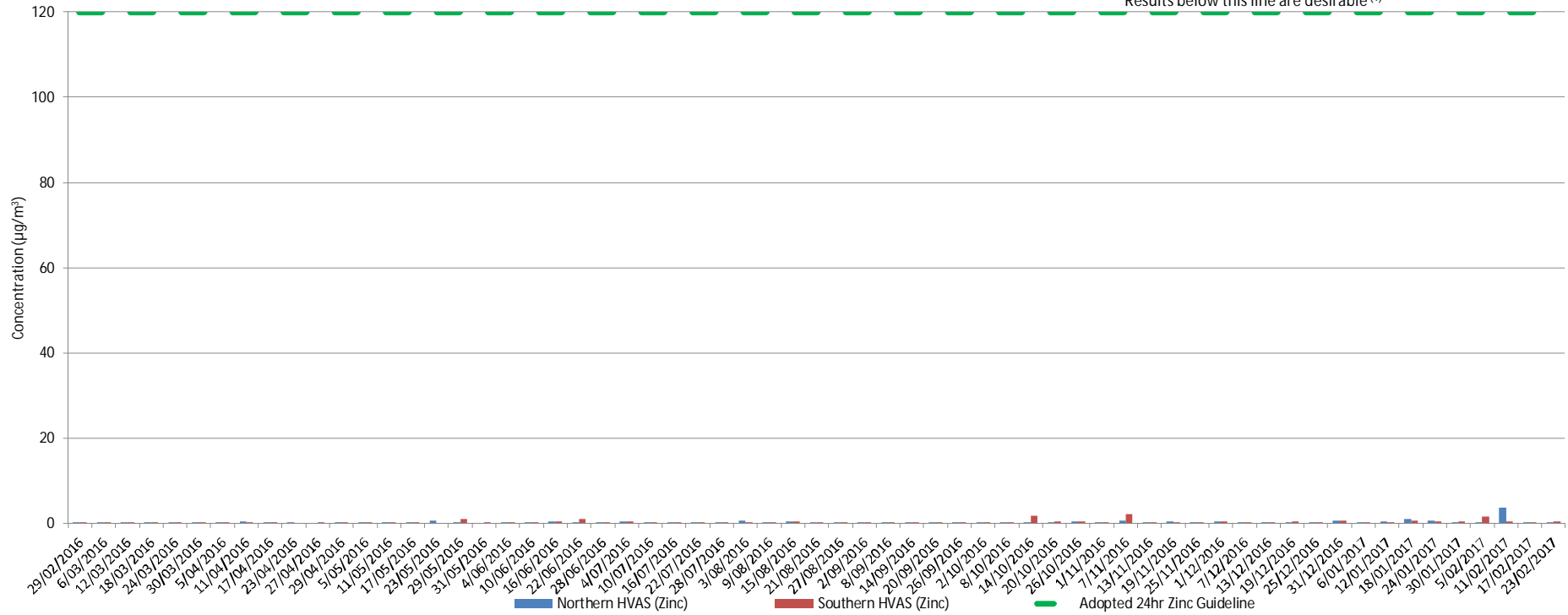
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	Catch up sample at South location
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	
24/03/2016	60.3	0.028	0.014	0.15	76.6	0.069	0.016	0.109	
18/03/2016	80.8	0.123	0.014	0.09	85.6	0.680	0.021	0.116	
12/03/2016	55.4	0.043	0.011	0.08	63.6	0.078	0.011	0.094	
6/03/2016	51.7	0.006	<0.007	0.02	55.5	0.124	0.017	0.182	
29/02/2016	77.9	0.066	0.022	0.17	56.3	0.199	0.018	0.148	
23/02/2016	56.0	0.036	0.008	0.09	75.0	0.011	0.008	0.055	

ConPorts Pty Ltd - 24 Hour Copper



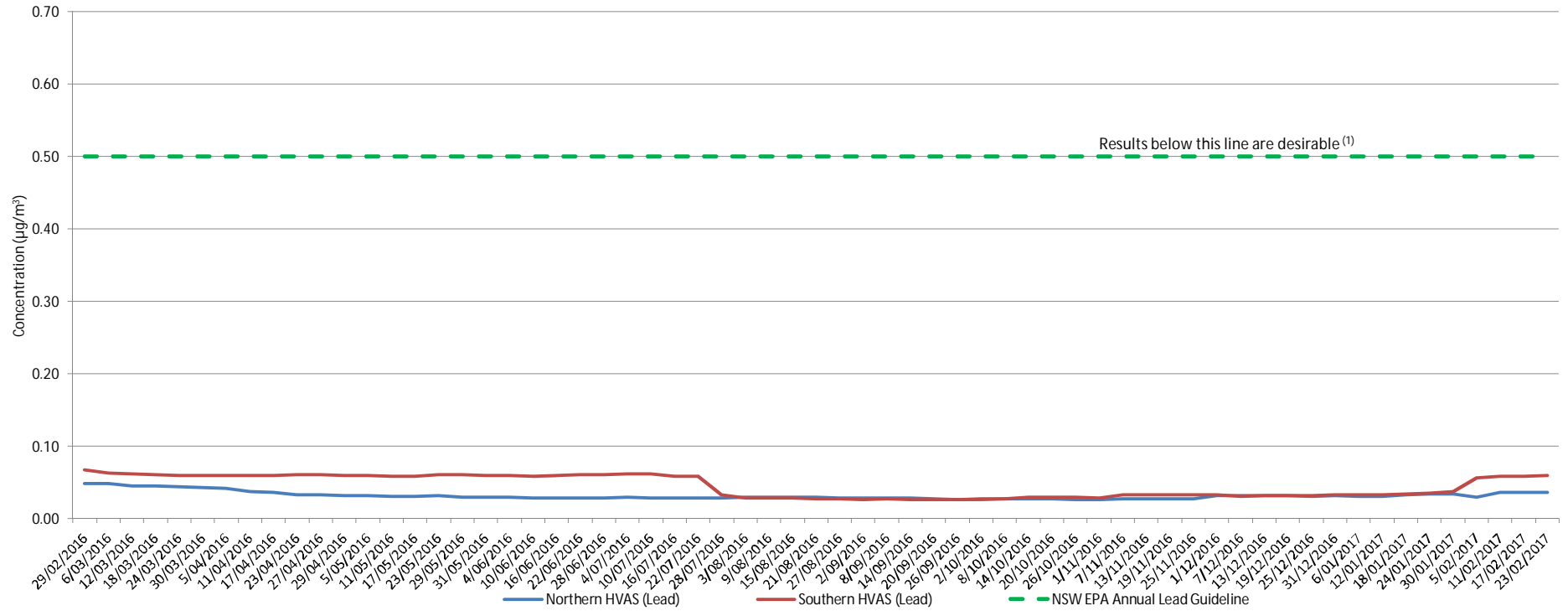
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



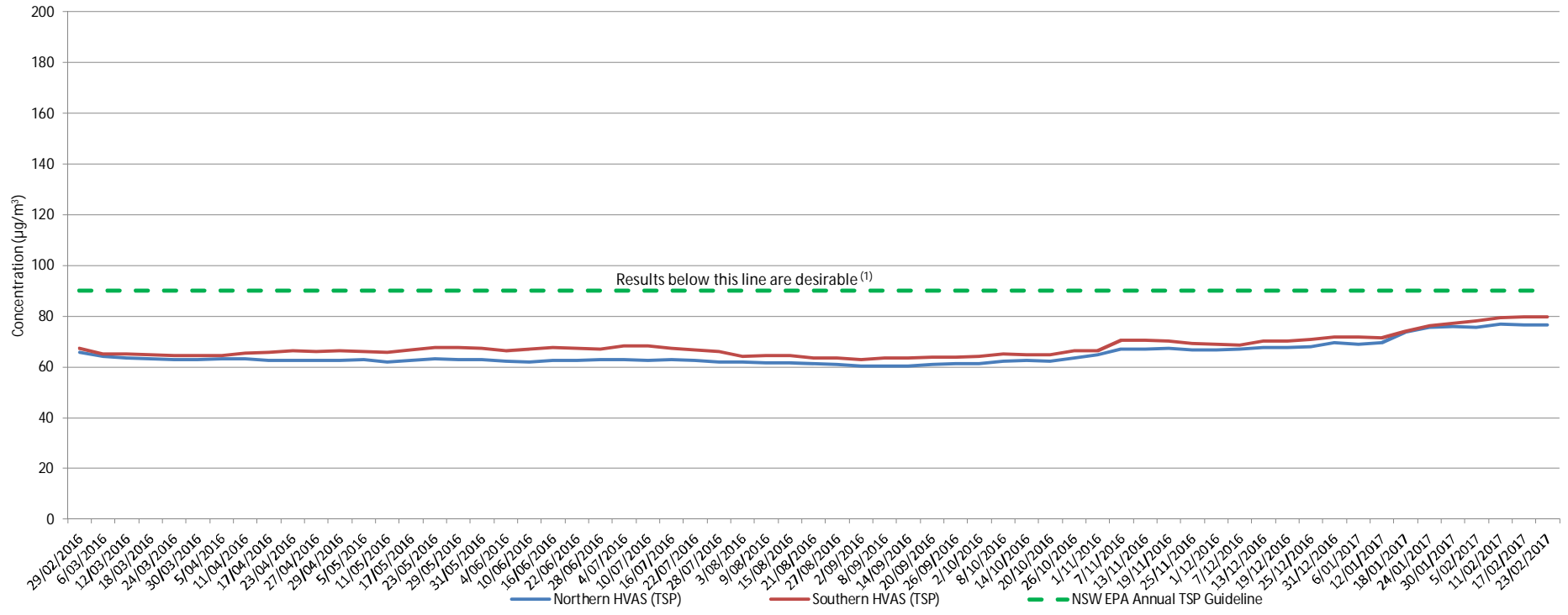
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

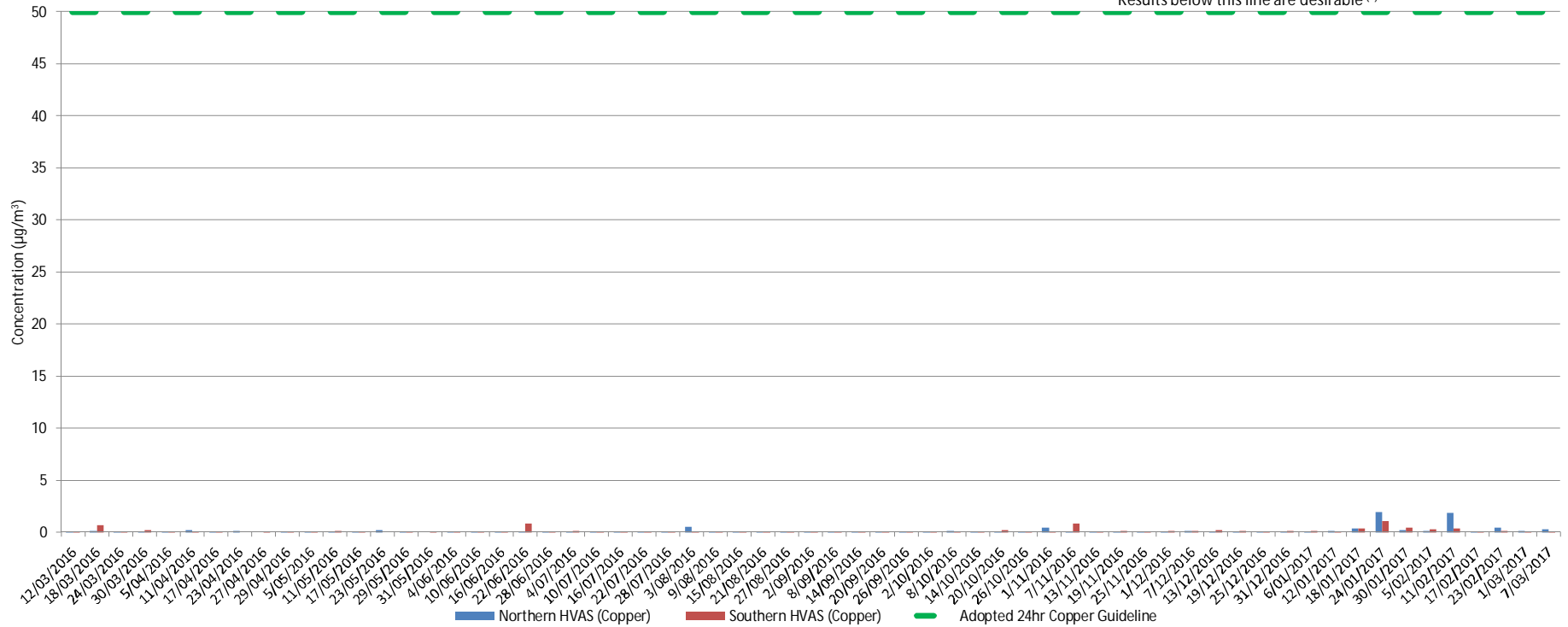
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

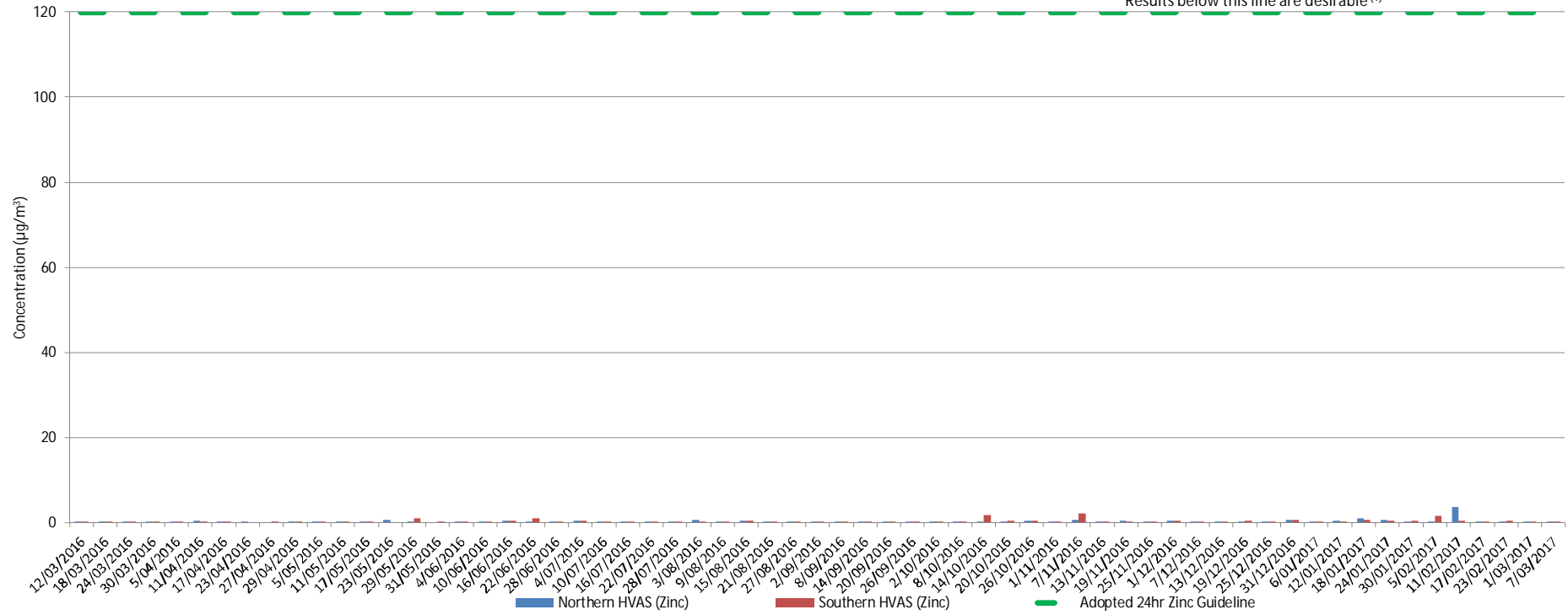
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	Catch up sample at South location
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	
24/03/2016	60.3	0.028	0.014	0.15	76.6	0.069	0.016	0.109	
18/03/2016	80.8	0.123	0.014	0.09	85.6	0.680	0.021	0.116	
12/03/2016	55.4	0.043	0.011	0.08	63.6	0.078	0.011	0.094	
6/03/2016	51.7	0.006	<0.007	0.02	55.5	0.124	0.017	0.182	
29/02/2016	77.9	0.066	0.022	0.17	56.3	0.199	0.018	0.148	

ConPorts Pty Ltd - 24 Hour Copper



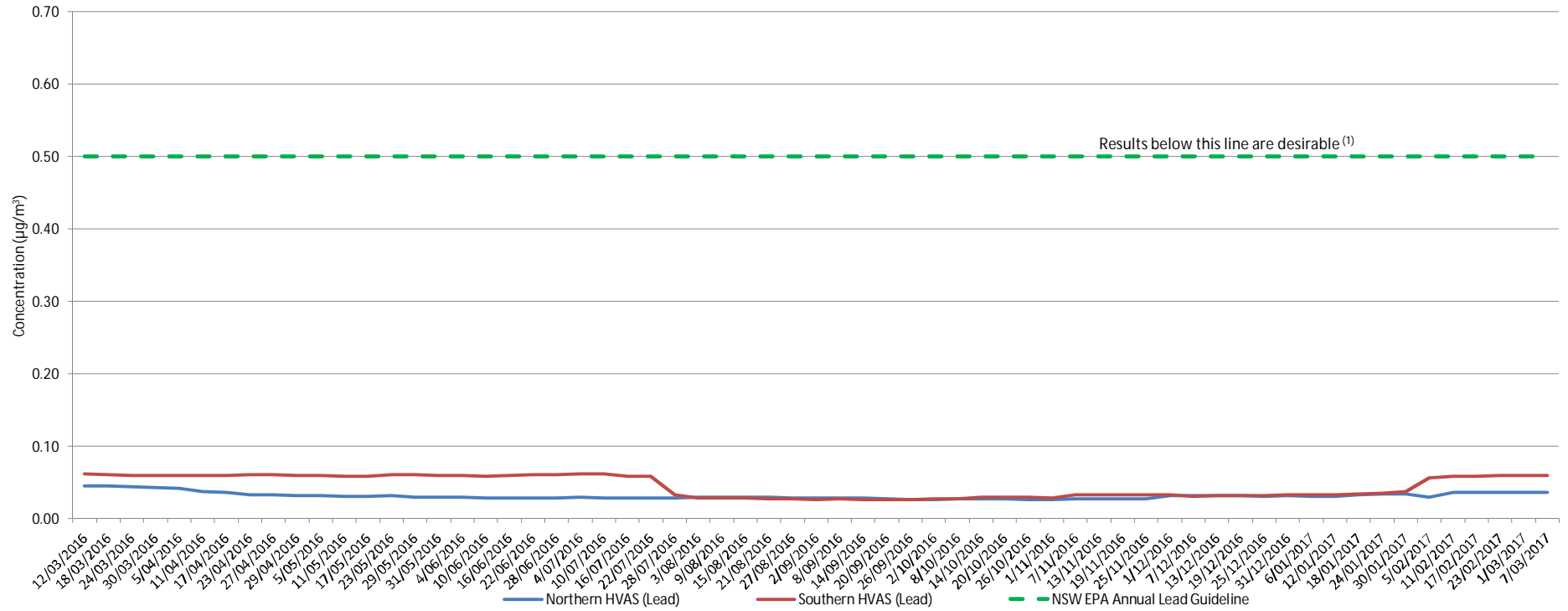
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



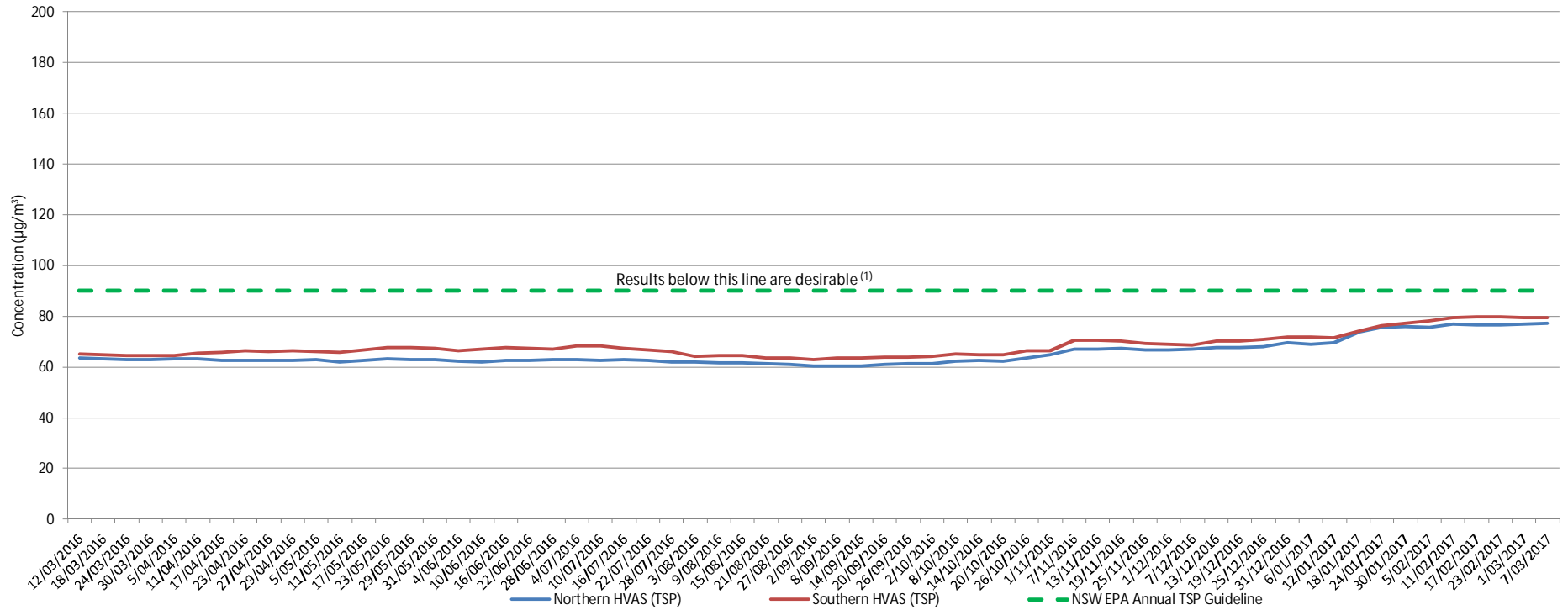
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

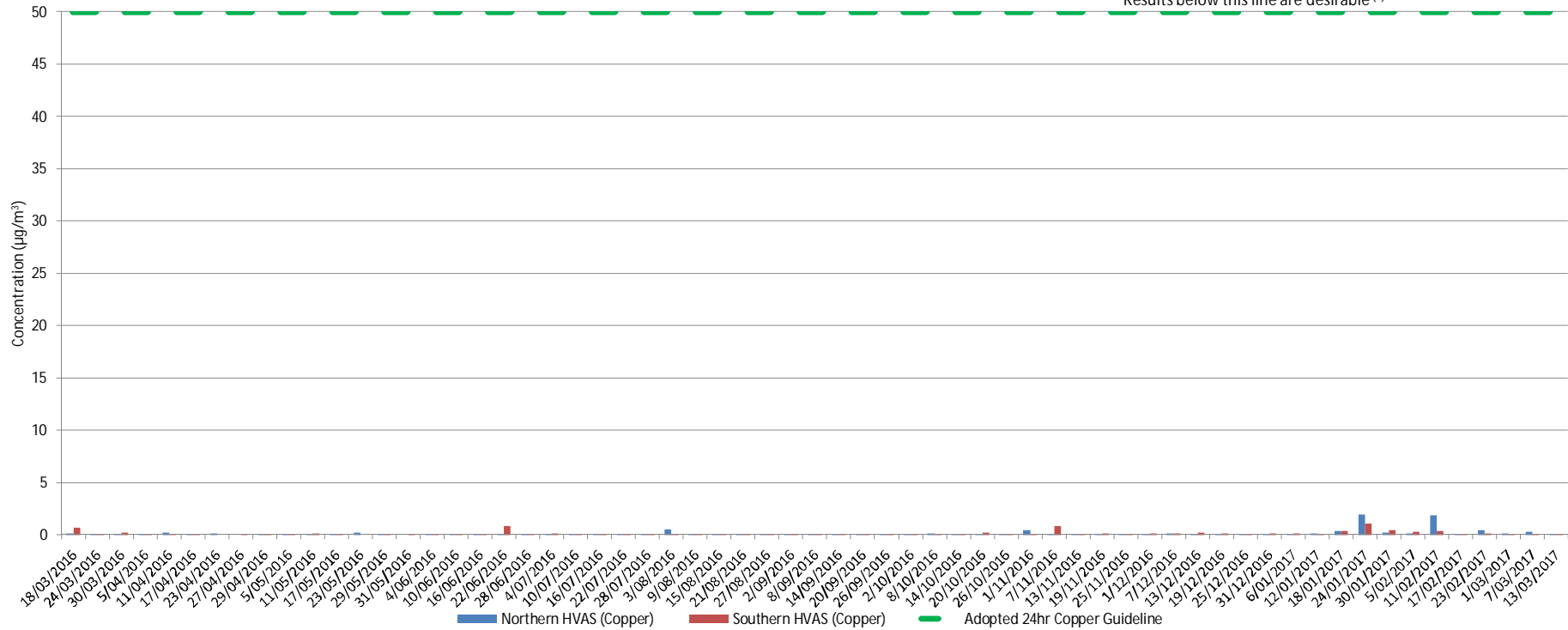
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

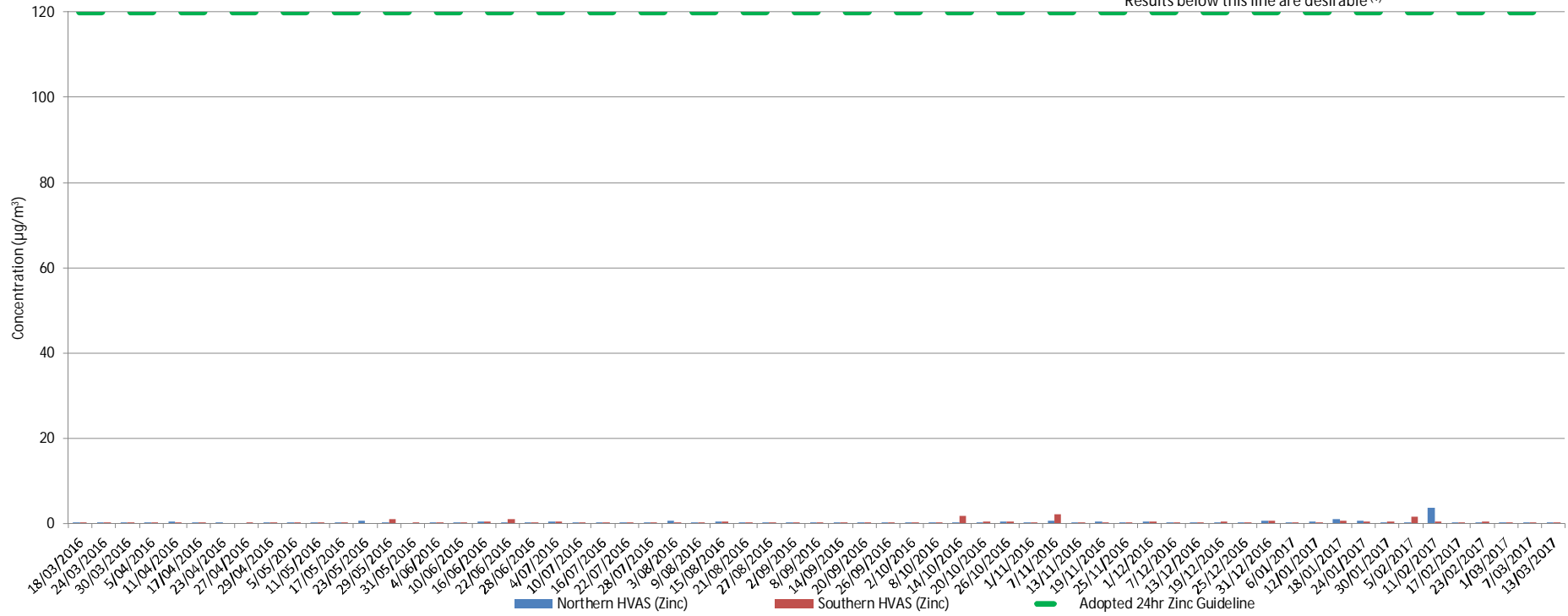
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	Catch up sample at South location
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	
24/03/2016	60.3	0.028	0.014	0.15	76.6	0.069	0.016	0.109	
18/03/2016	80.8	0.123	0.014	0.09	85.6	0.680	0.021	0.116	
12/03/2016	55.4	0.043	0.011	0.08	63.6	0.078	0.011	0.094	

ConPorts Pty Ltd - 24 Hour Copper



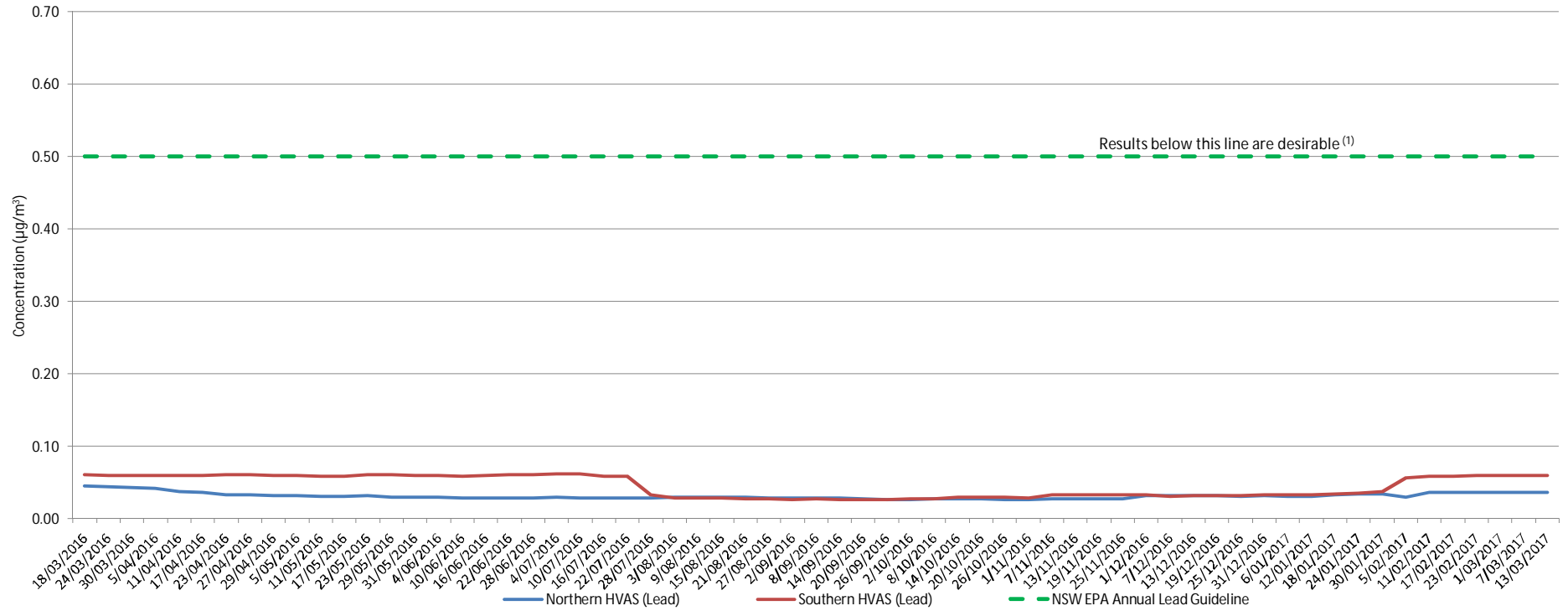
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



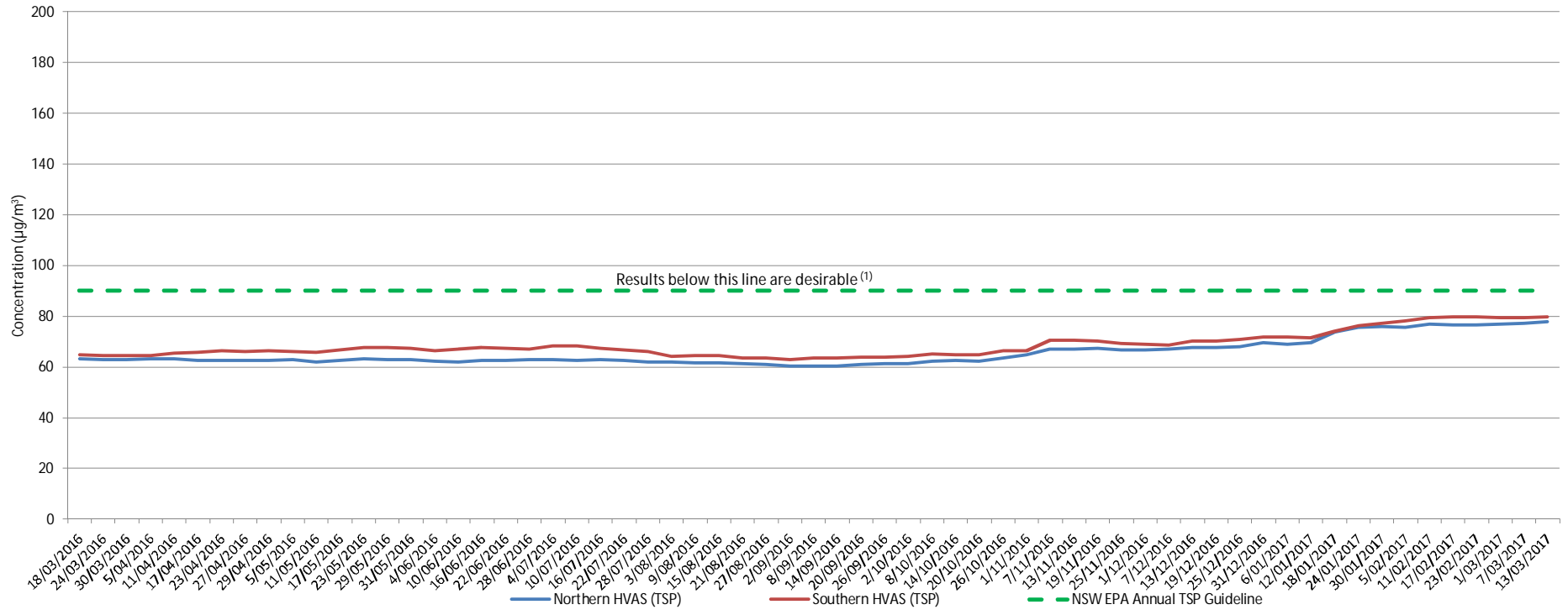
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

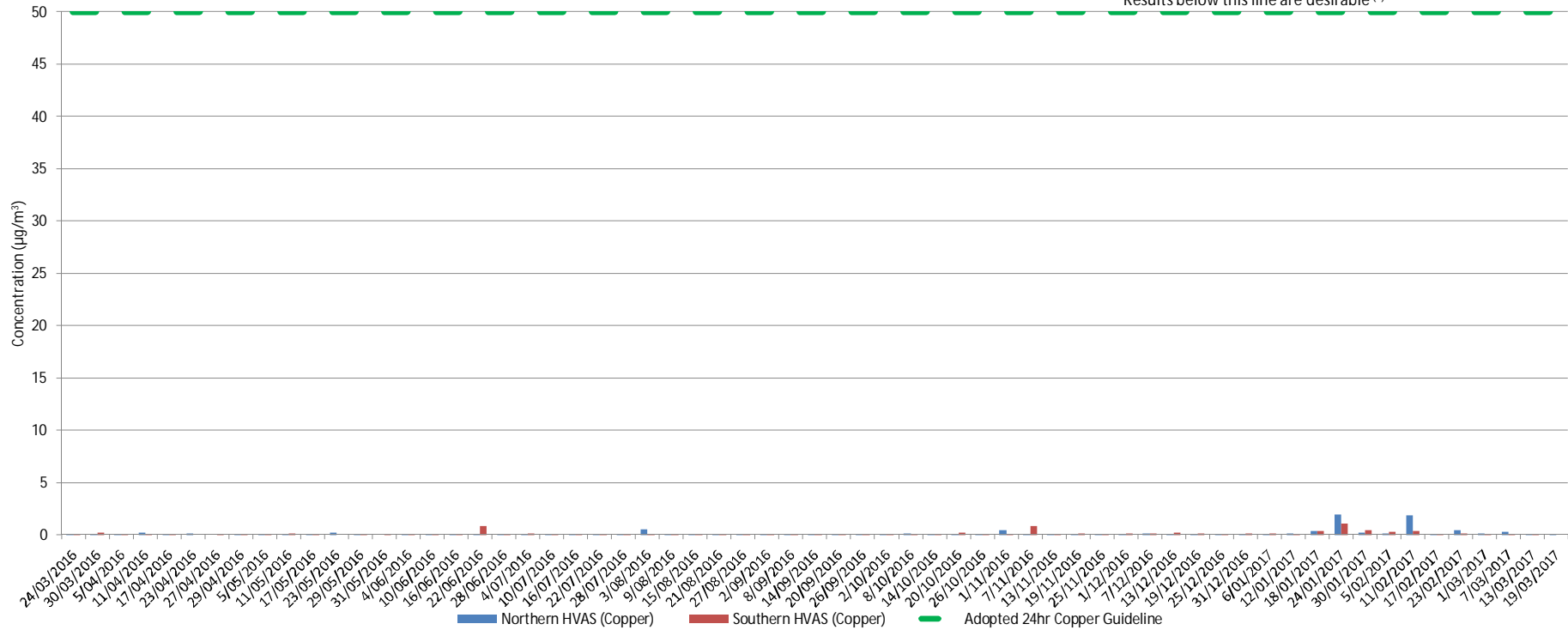
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

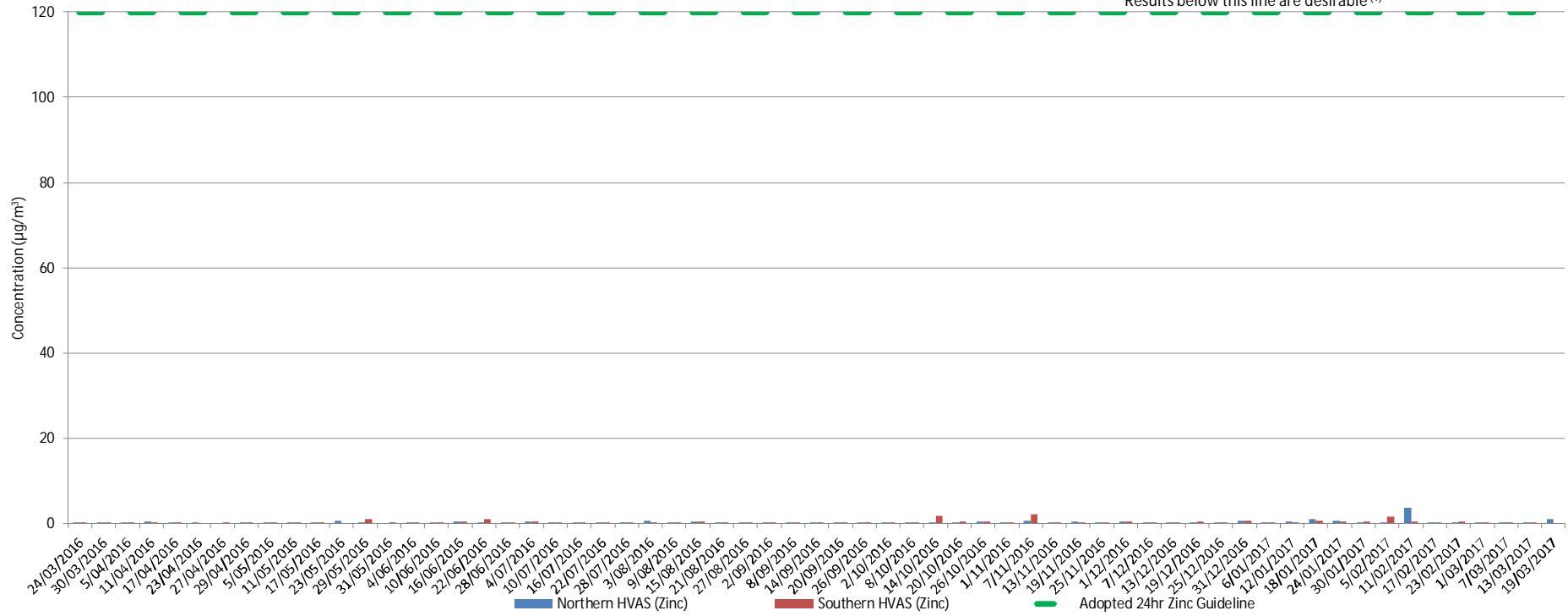
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
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23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.
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5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	
24/03/2016	60.3	0.028	0.014	0.15	76.6	0.069	0.016	0.109	
18/03/2016	80.8	0.123	0.014	0.09	85.6	0.680	0.021	0.116	

ConPorts Pty Ltd - 24 Hour Copper



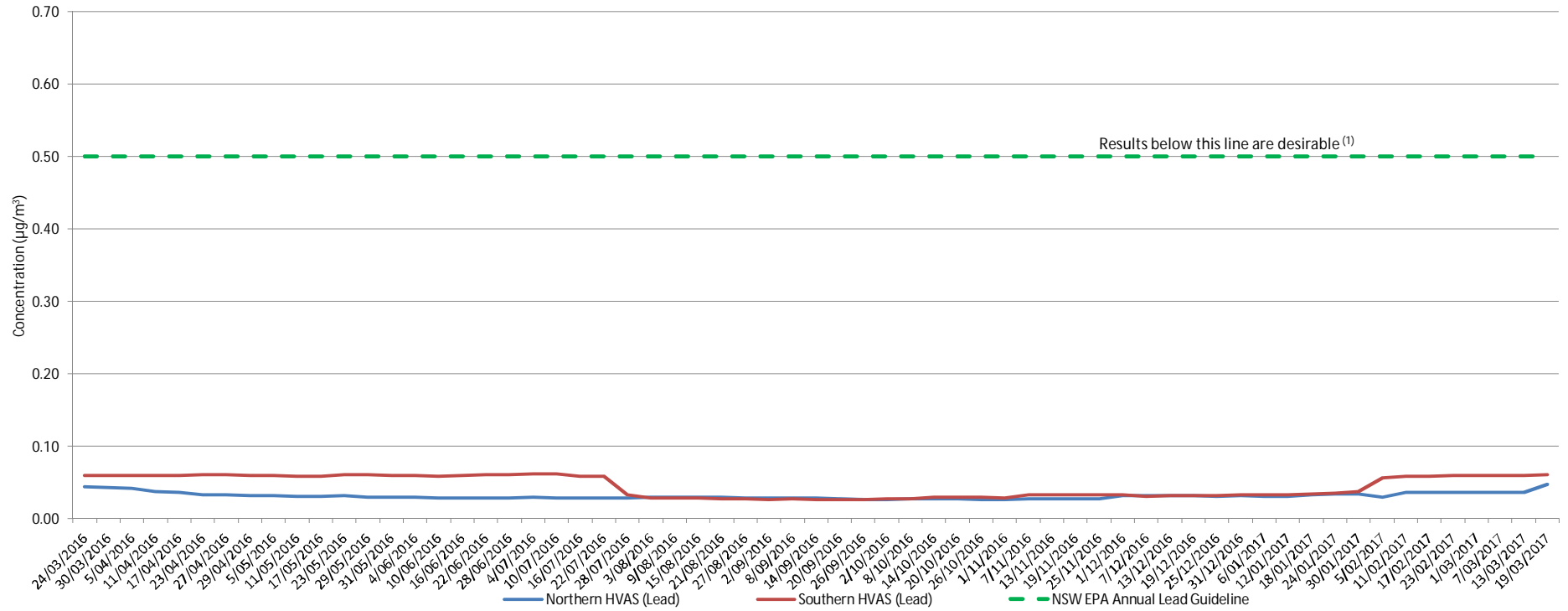
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



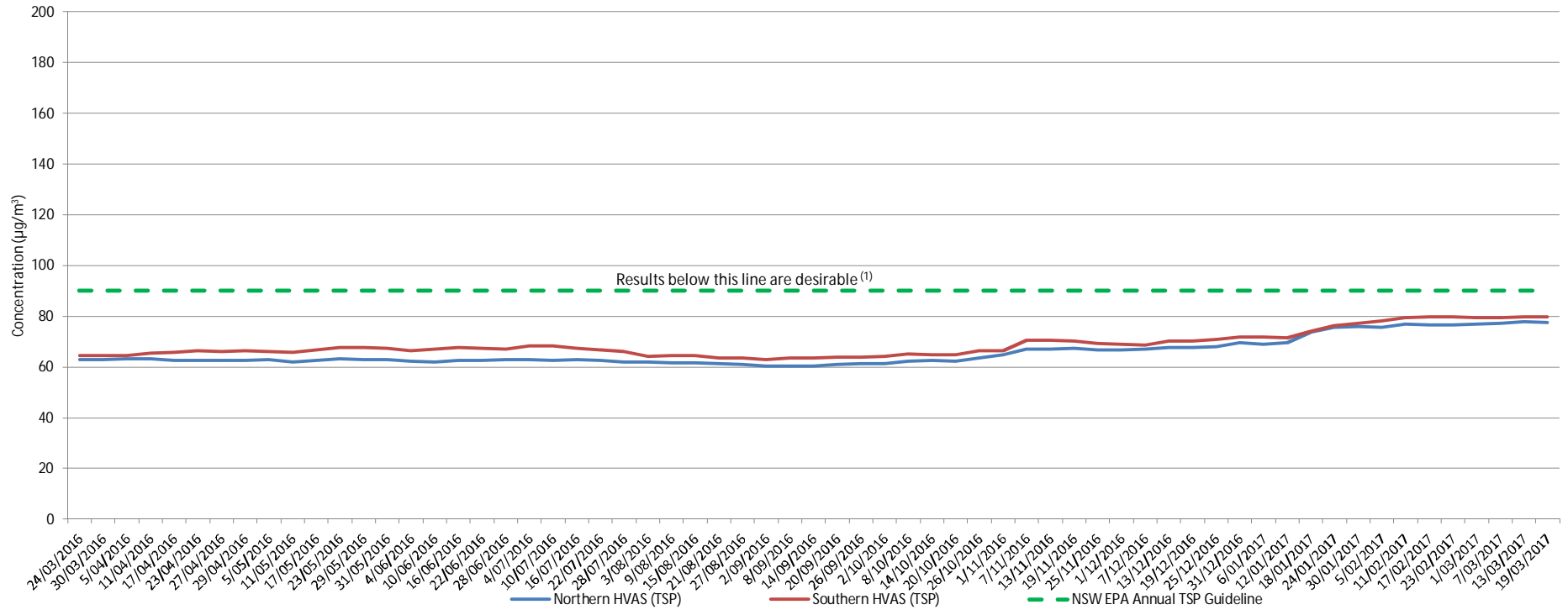
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

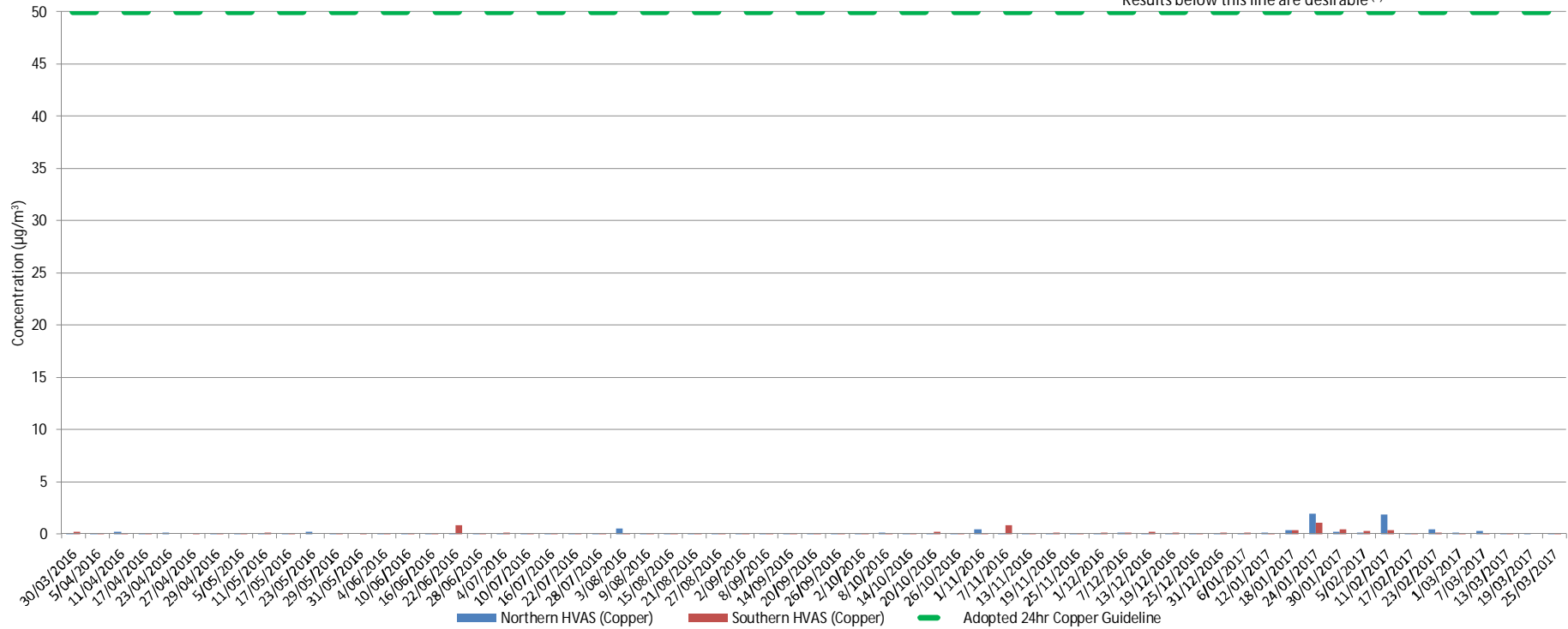
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
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11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

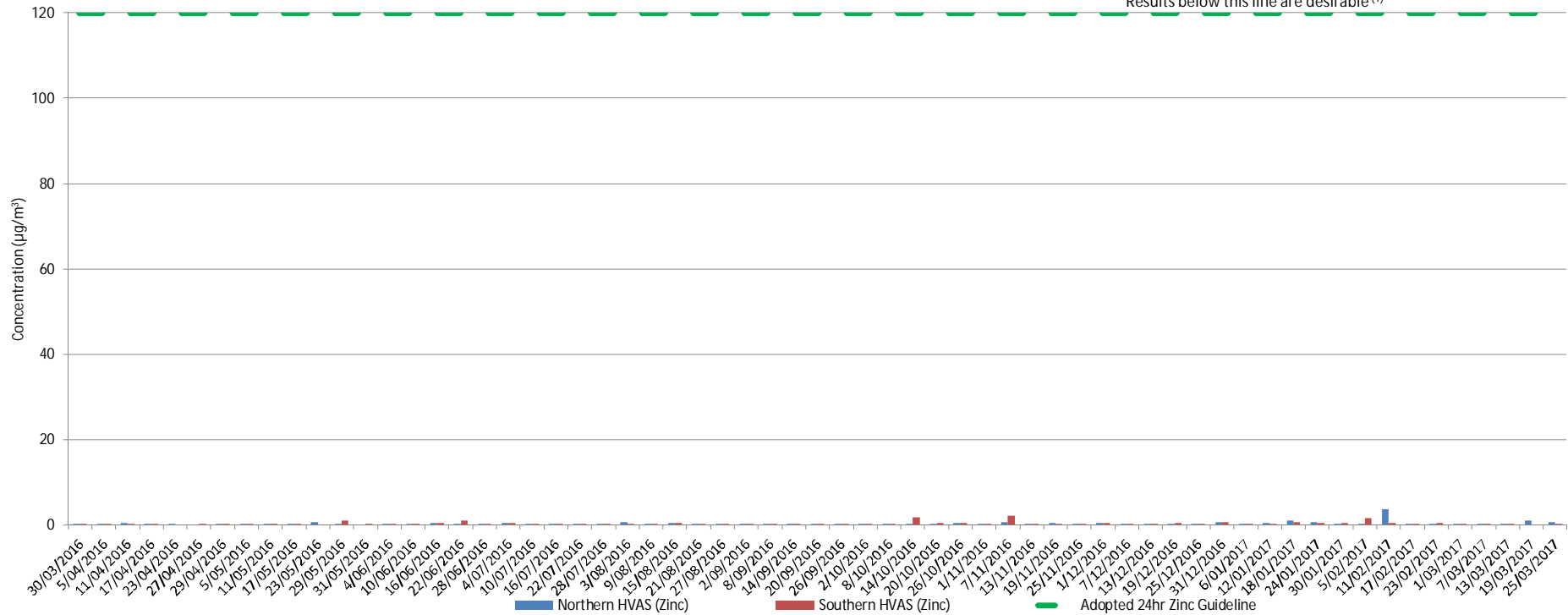
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	Catch up sample at South location
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	
24/03/2016	60.3	0.028	0.014	0.15	76.6	0.069	0.016	0.109	

ConPorts Pty Ltd - 24 Hour Copper



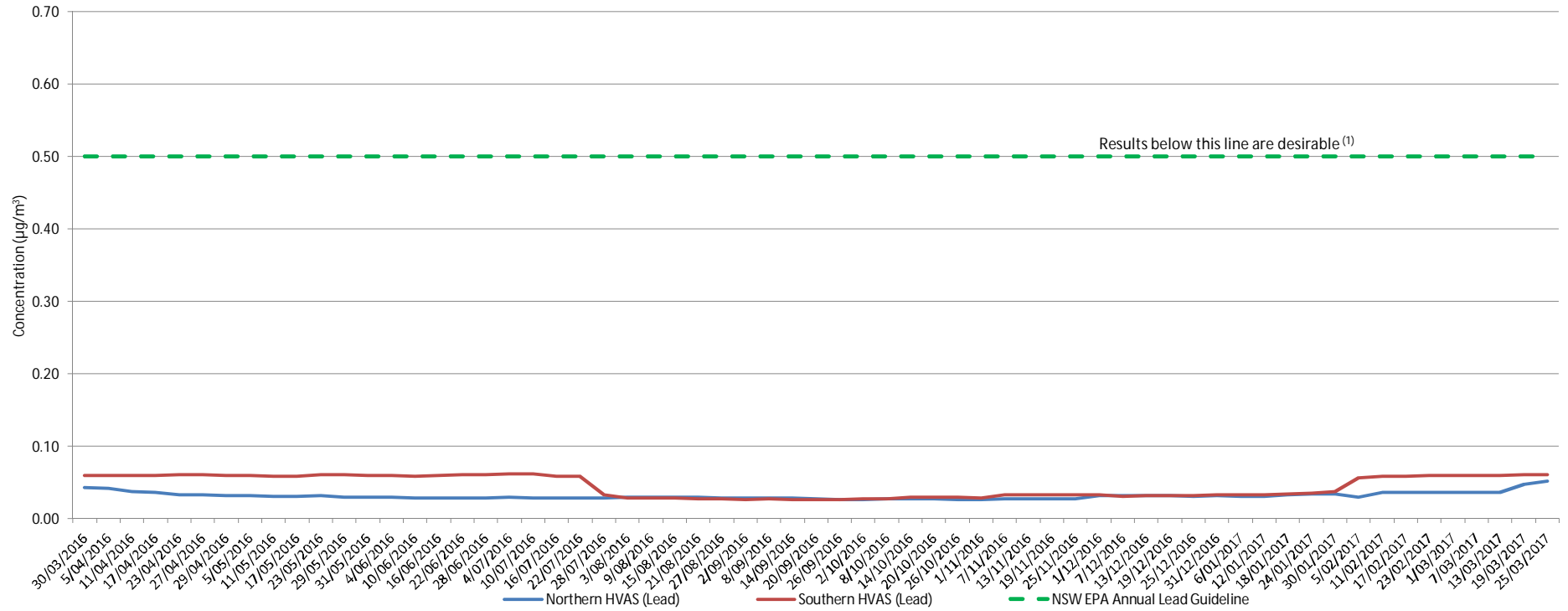
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



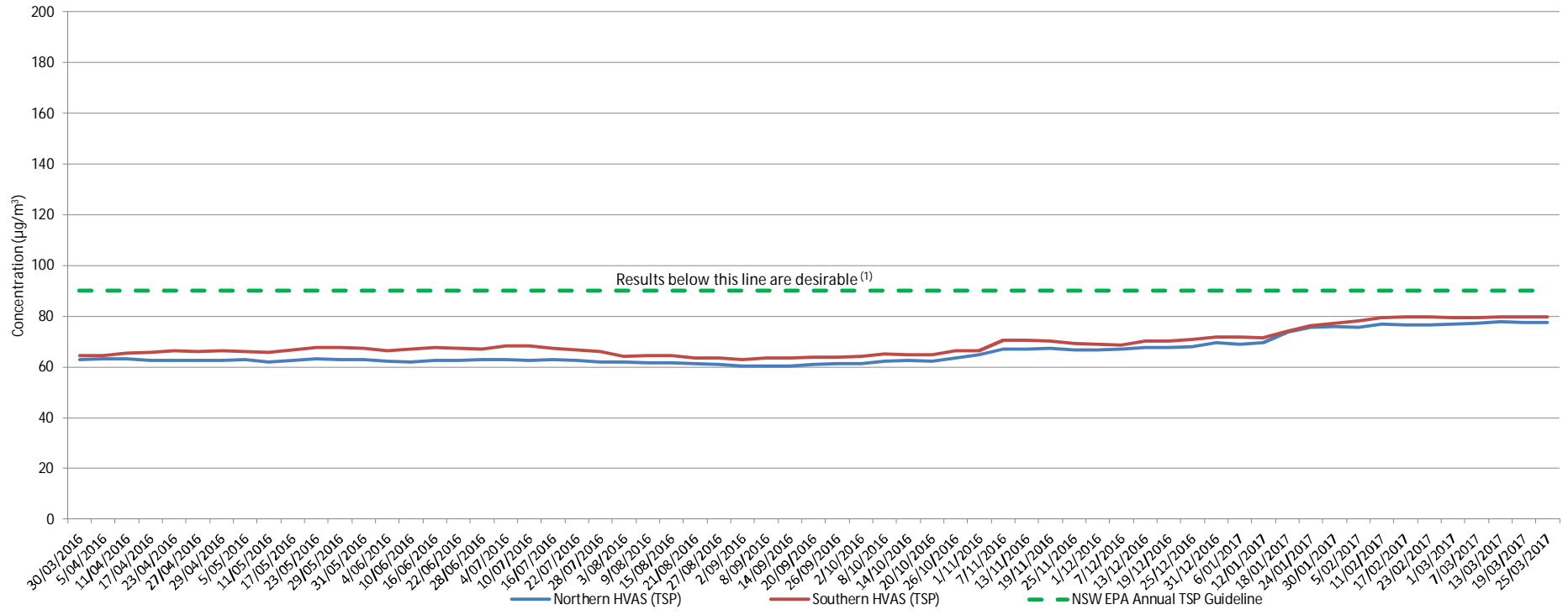
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

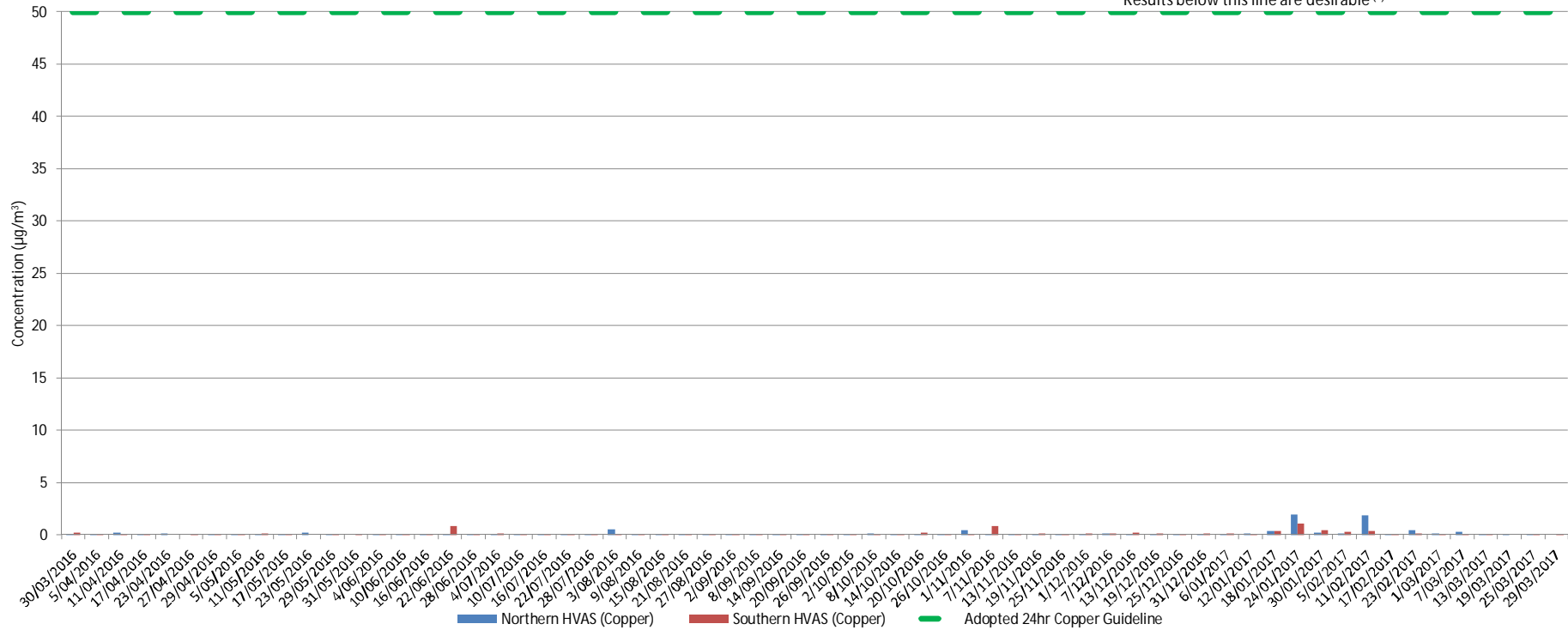
ConPorts Pty - Air Monitoring HVAS Results

HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	Catch up sample at South location
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	
30/03/2016	50.5	0.055	0.028	0.30	50.3	0.182	0.014	0.037	

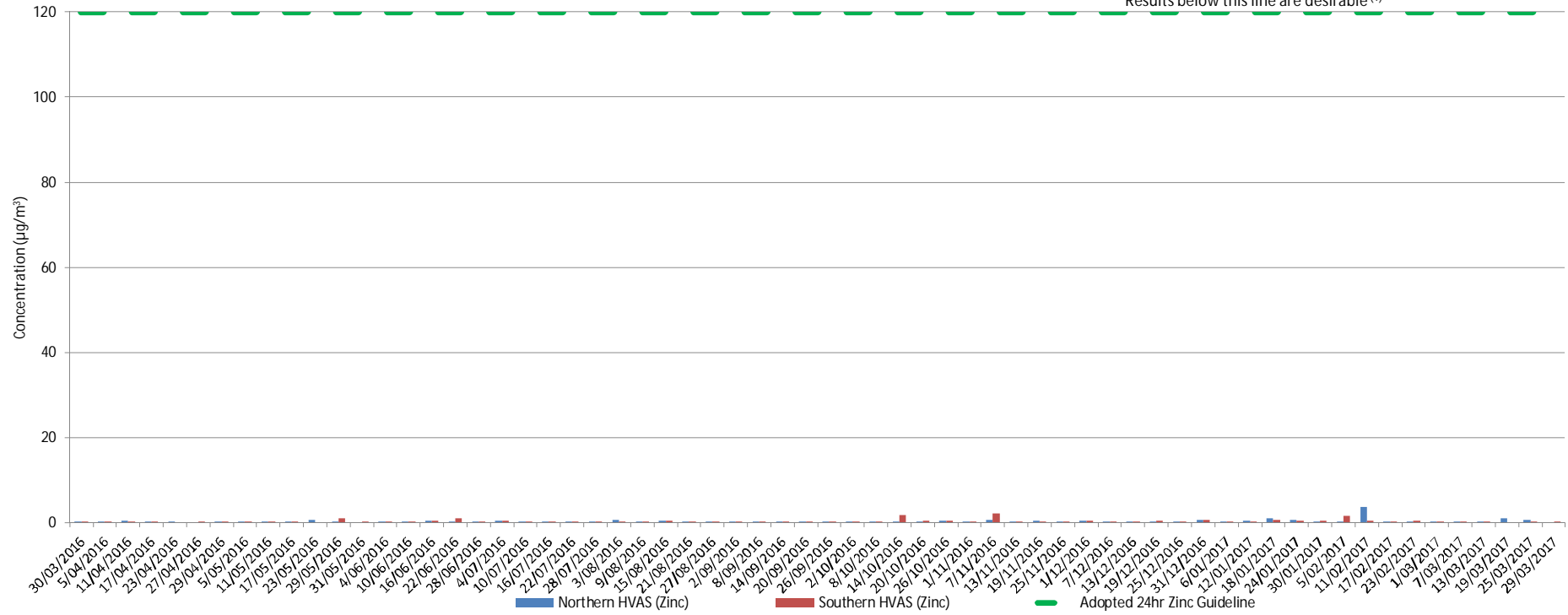
ConPorts Pty Ltd - 24 Hour Copper



⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

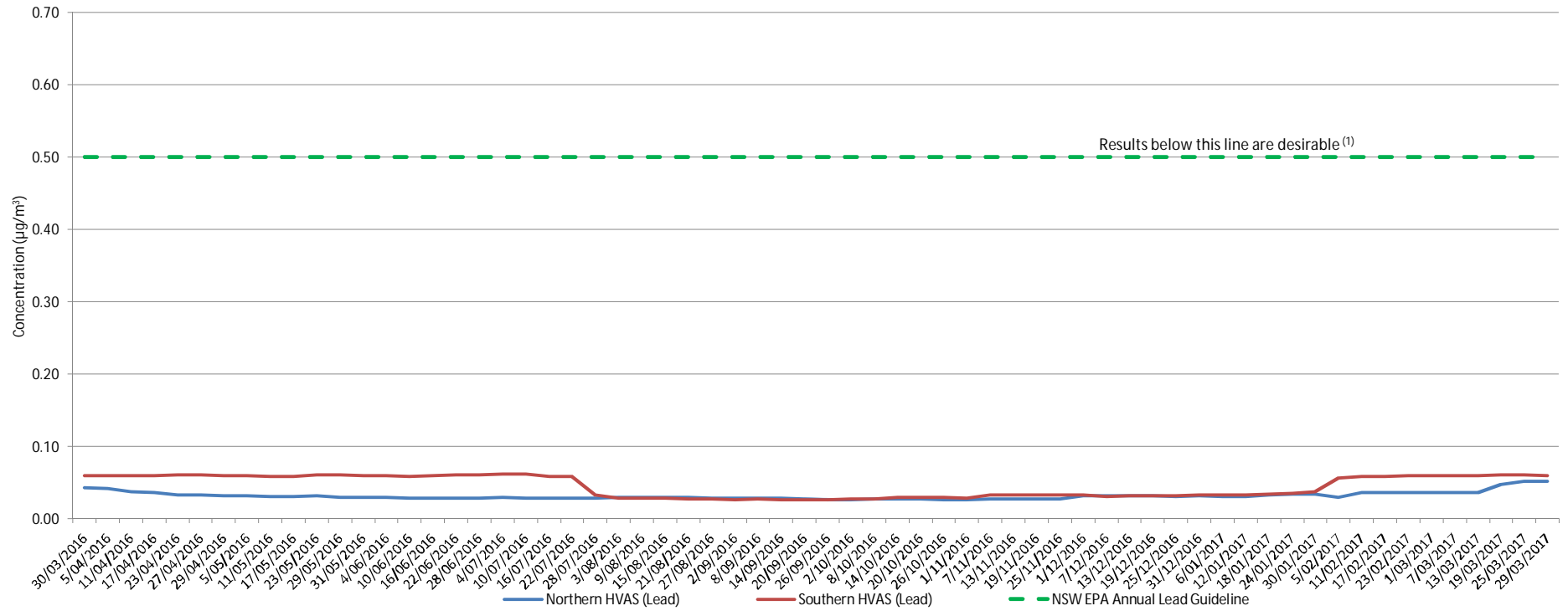
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



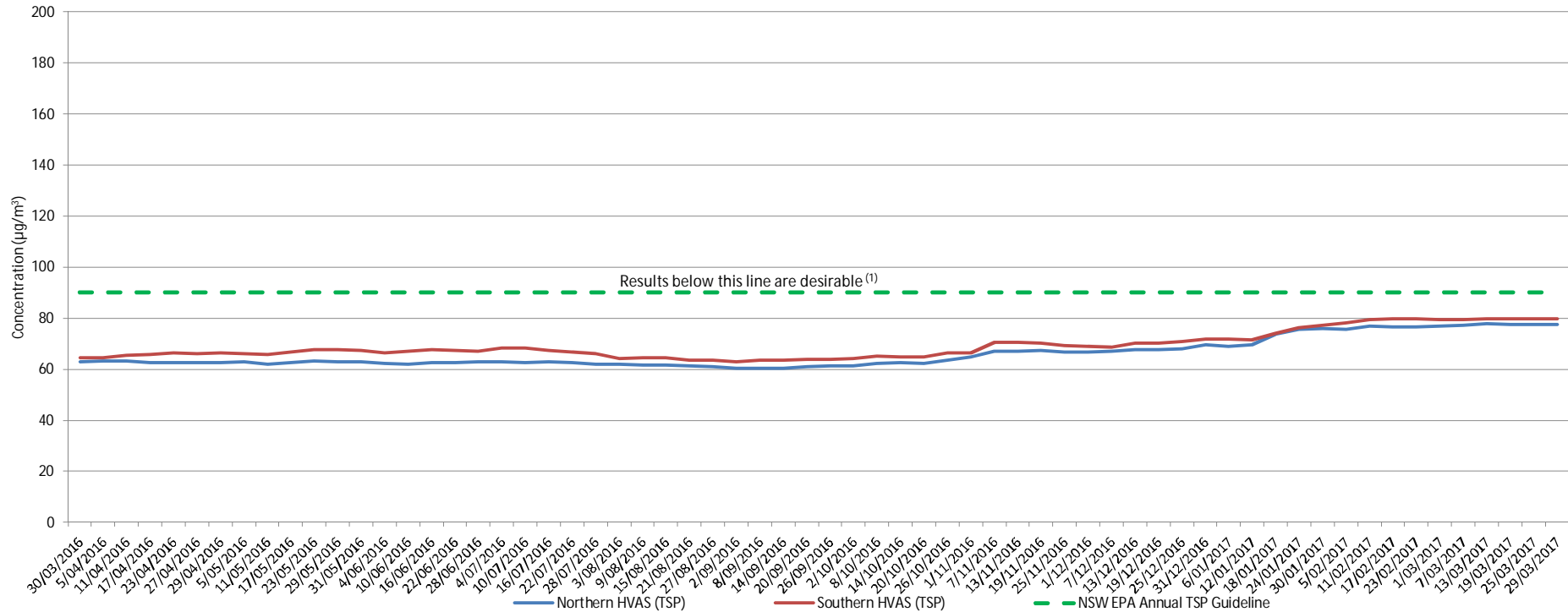
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

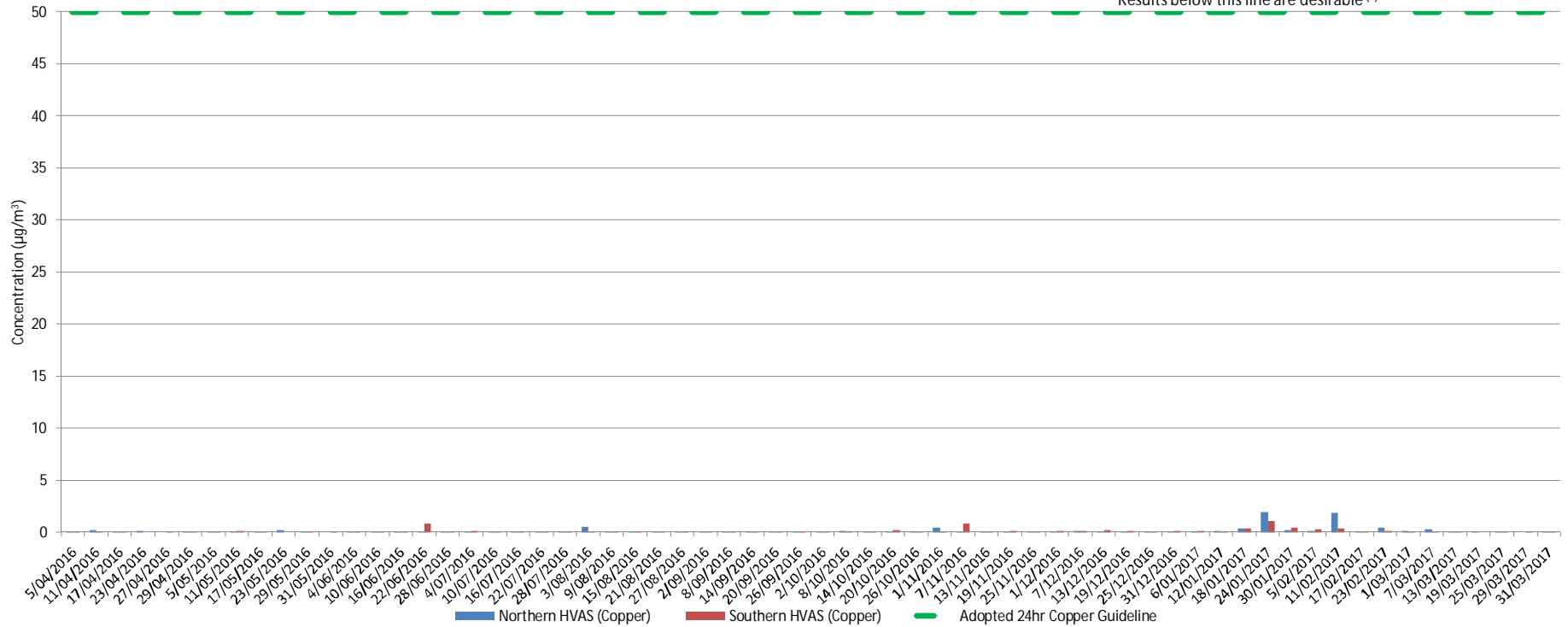
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	Catch up sample at South location
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South Sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
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2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

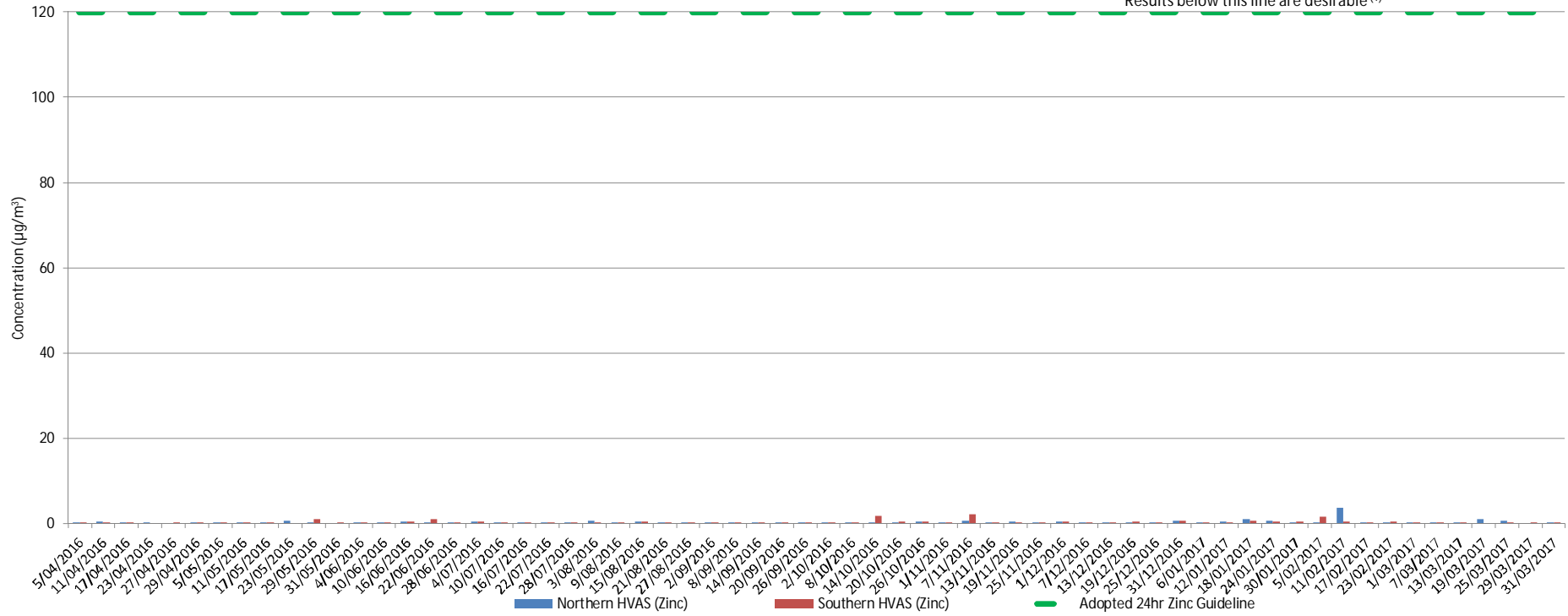
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	
5/04/2016	58.8	0.019	0.013	0.16	76.9	0.083	0.030	0.282	

ConPorts Pty Ltd - 24 Hour Copper



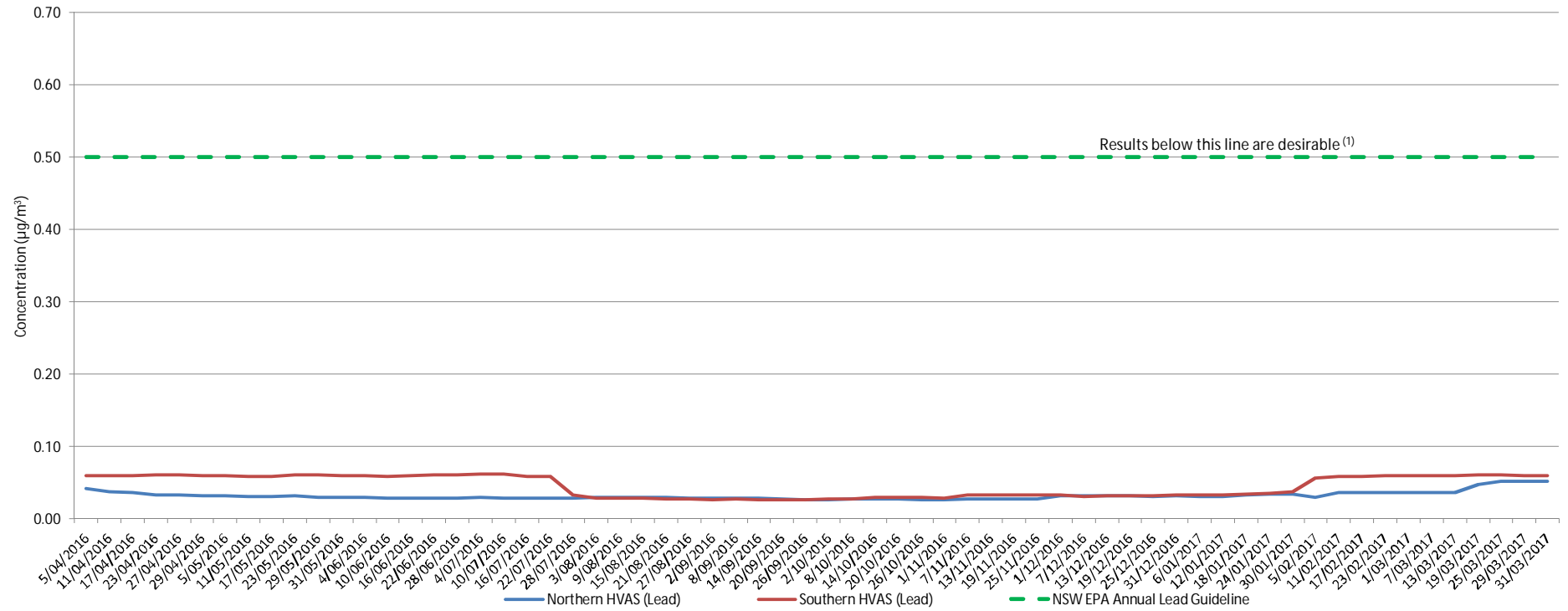
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



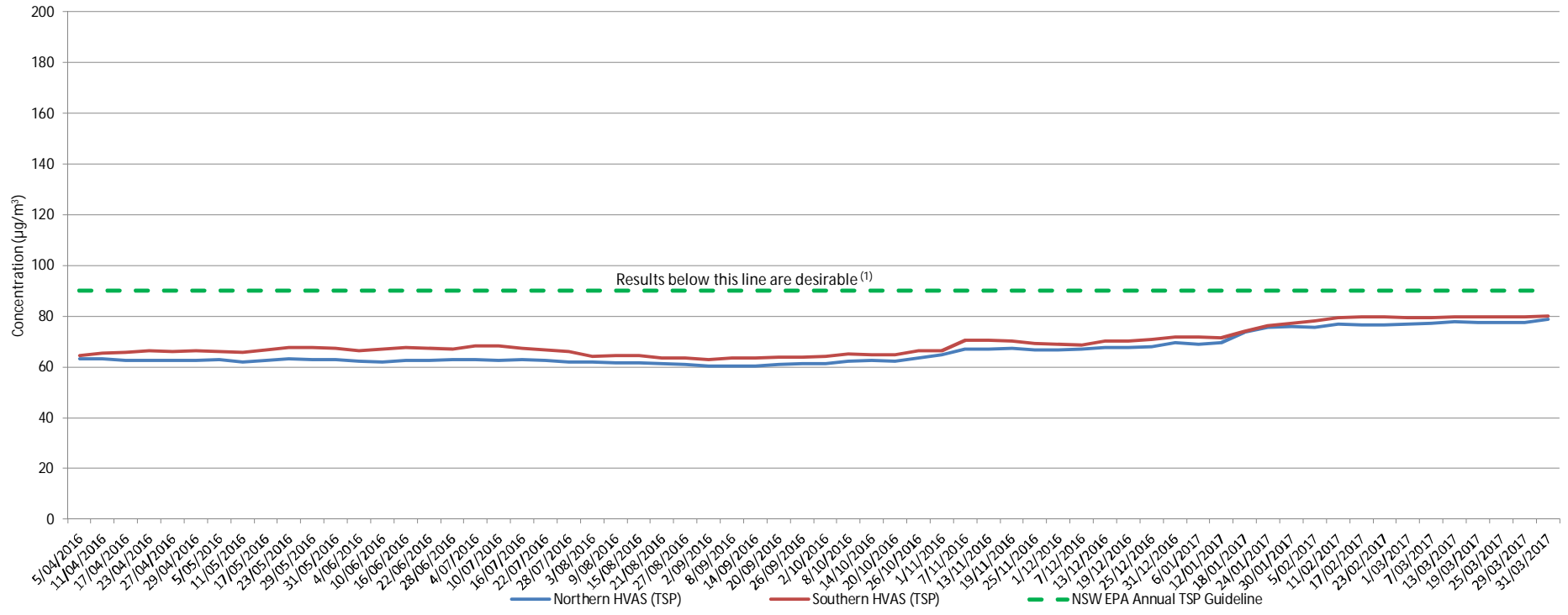
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

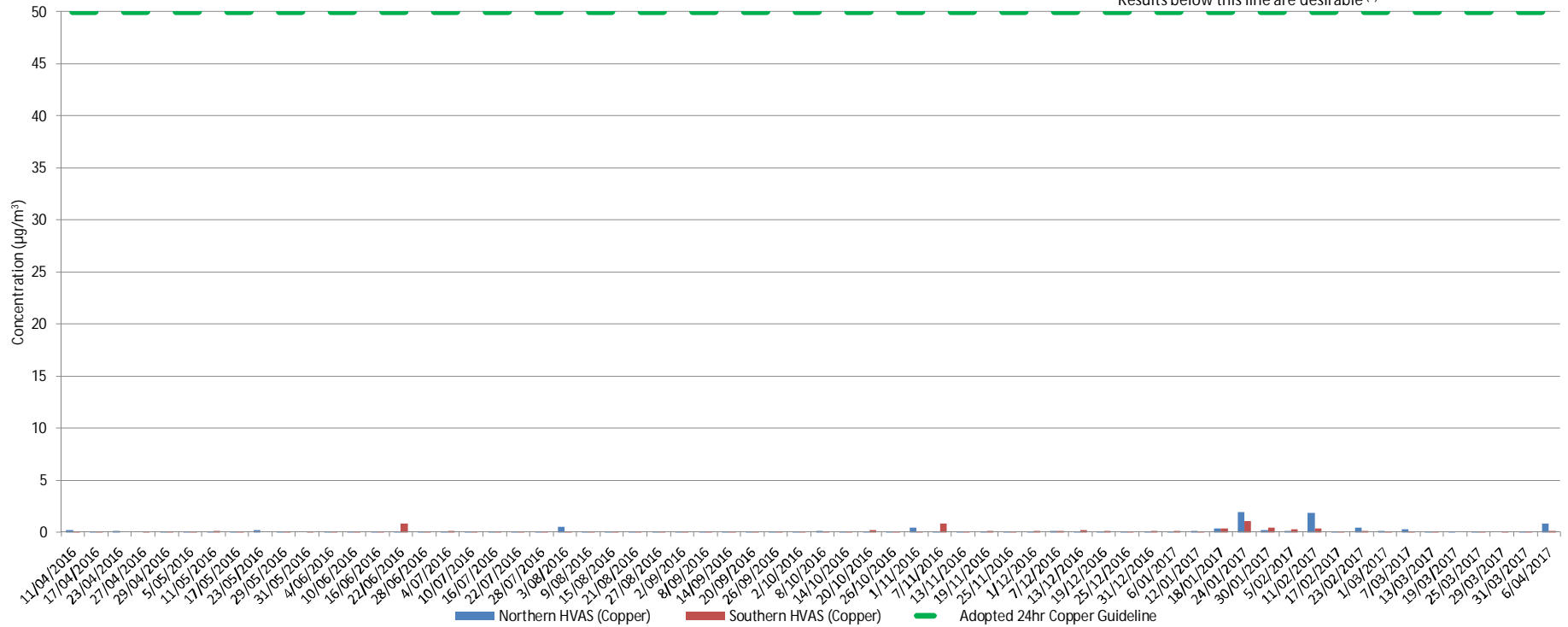
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South Sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

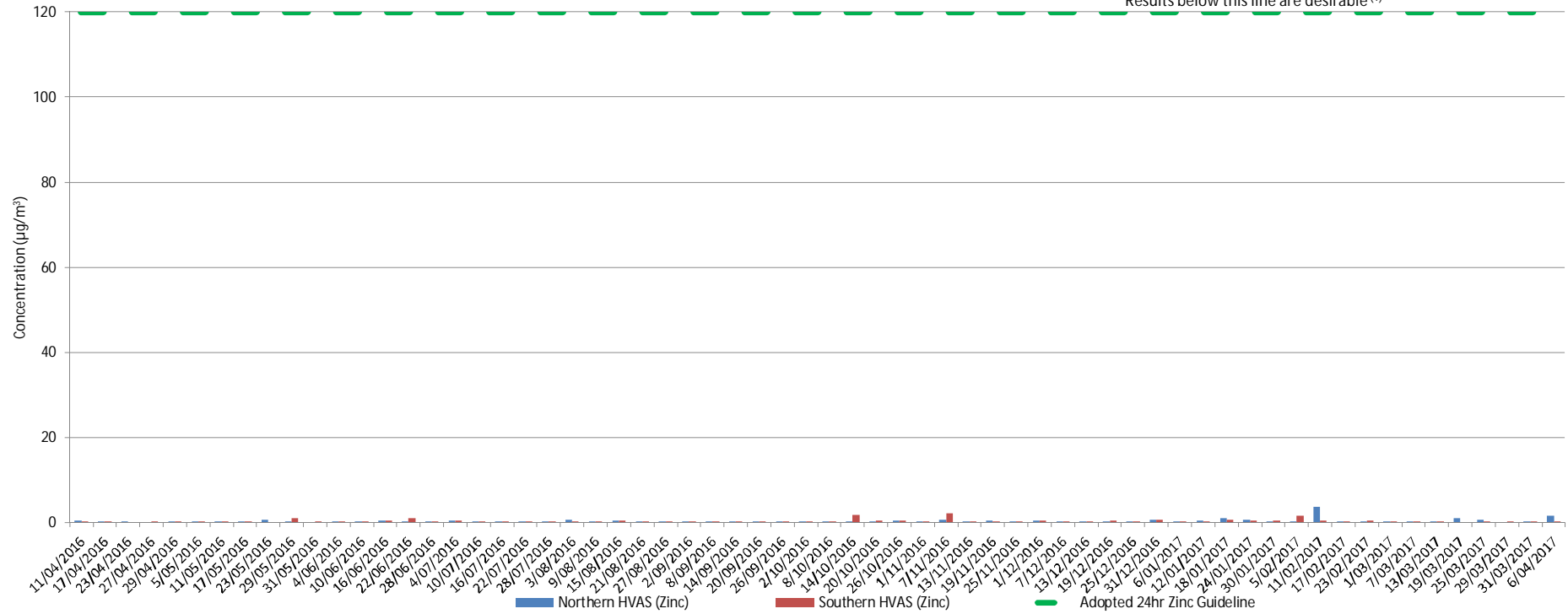
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	Catch up sample at South location
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	
11/04/2016	88.9	0.186	0.033	0.40	72.4	0.051	0.015	0.123	

ConPorts Pty Ltd - 24 Hour Copper



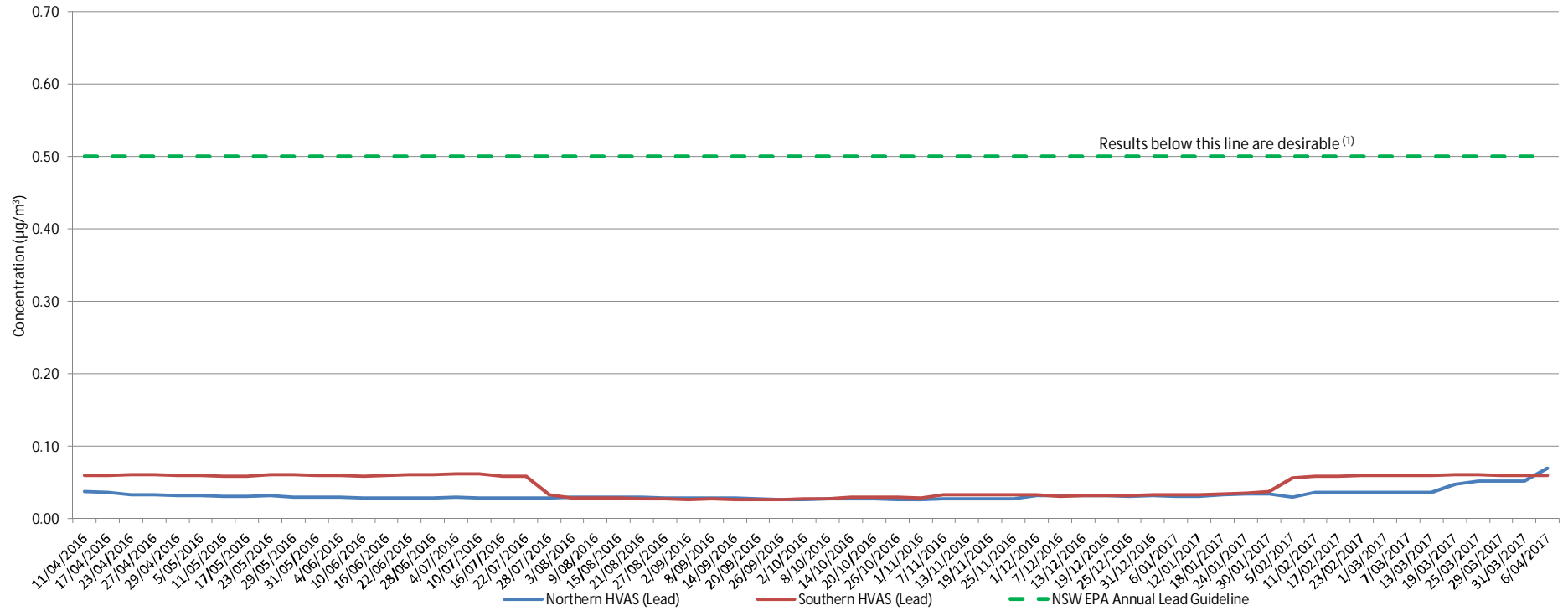
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



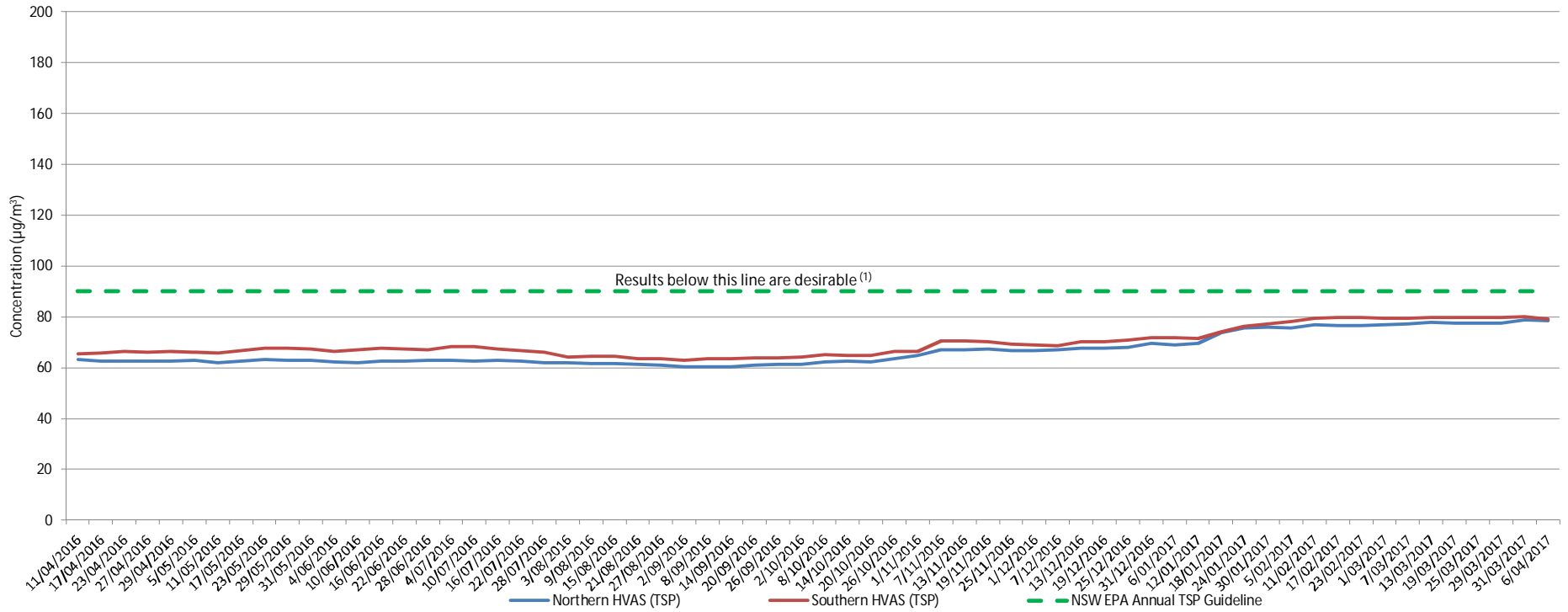
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South Sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	Catch up sample at South location
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.
17/04/2016	50.0	0.068	0.009	0.11	49.3	0.020	<0.007	0.052	

ConPorts Pty - Water Quality Monitoring Results

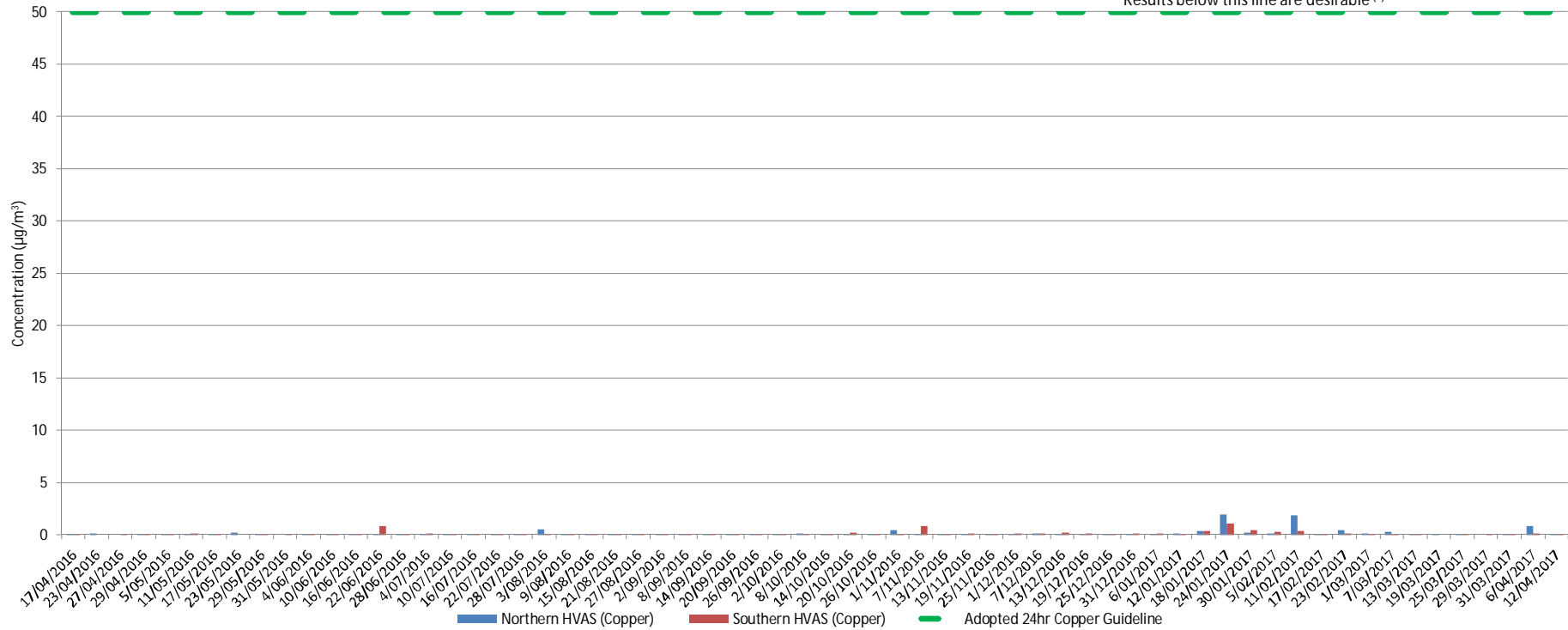
EPL Monitoring Point 3 (STW3)

Sampling Date	pH	Total							Data Comments
		Suspended Solids (mg/L)	Dissolved Cu (mg/L)	Total Cu (mg/L)	Dissolved Pb (mg/L)	Total Pb (mg/L)	Dissolved Zn (mg/L)	Total Zn (mg/L)	
17/03/2017	6.9	8.0	0.031	0.176	0.025	0.152	1.3	1.7	

EPL Monitoring Point 4 (STW2)

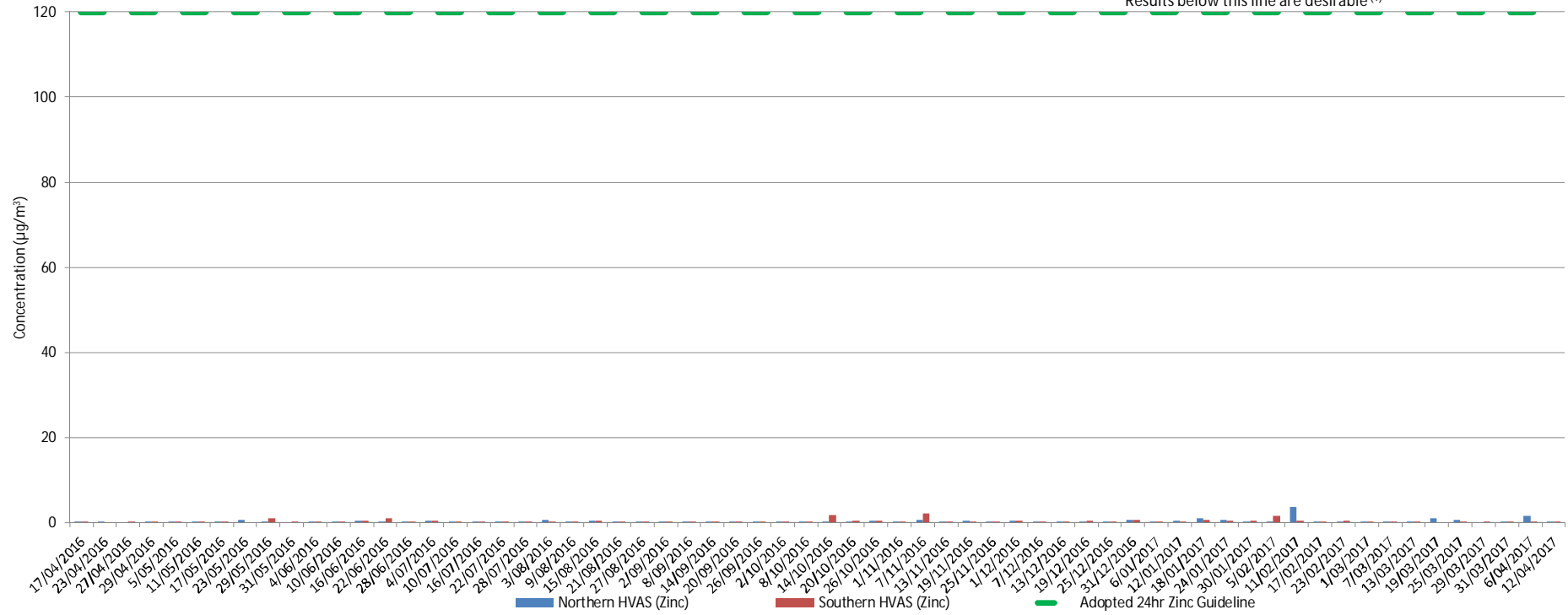
Sampling Date	pH	Total							Data Comments
		Suspended Solids (mg/L)	Dissolved Cu (mg/L)	Total Cu (mg/L)	Dissolved Pb (mg/L)	Total Pb (mg/L)	Dissolved Zn (mg/L)	Total Zn (mg/L)	
17/03/2017	7.2	23.0	0.018	0.157	0.028	0.162	0.72	1.1	

ConPorts Pty Ltd - 24 Hour Copper



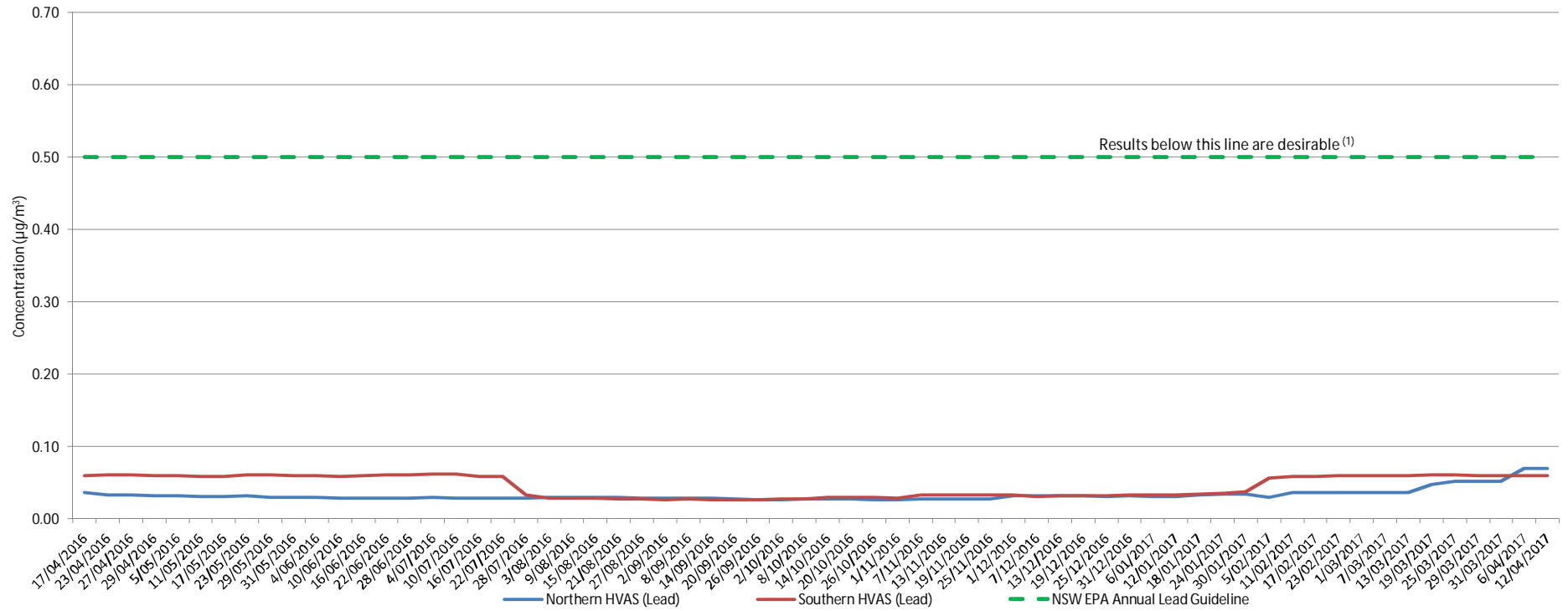
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



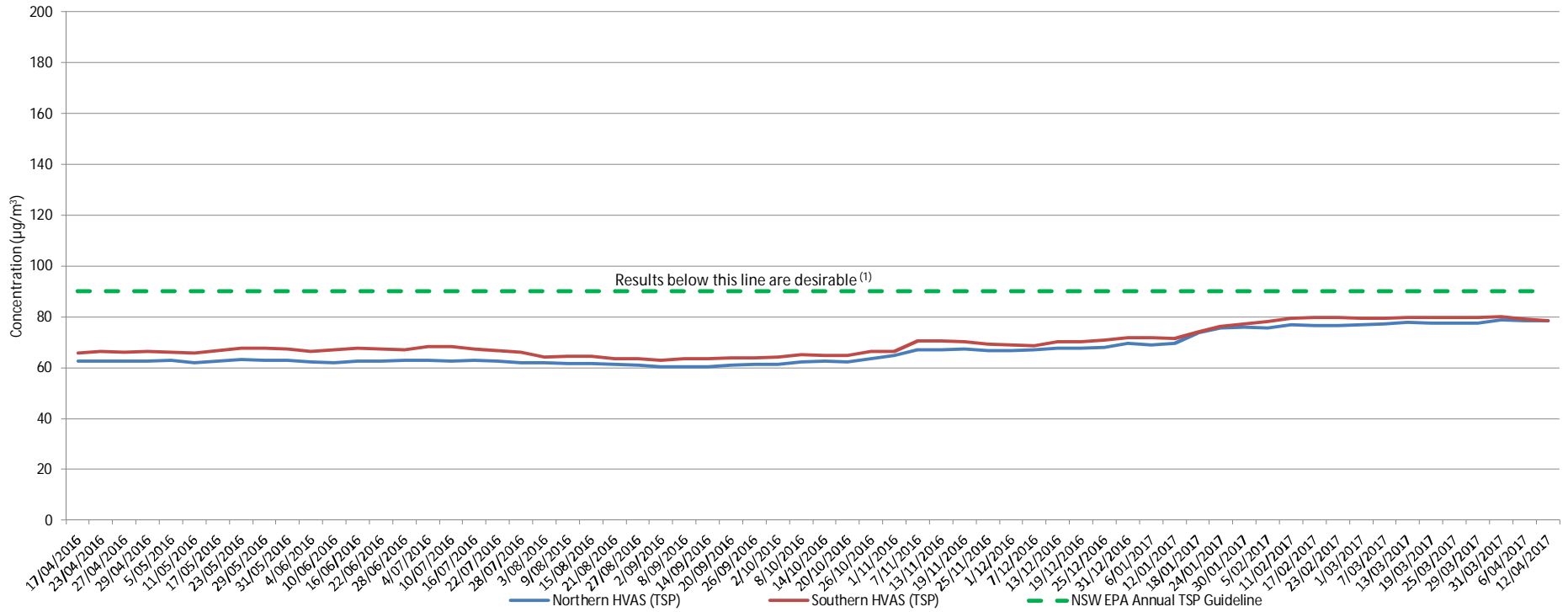
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

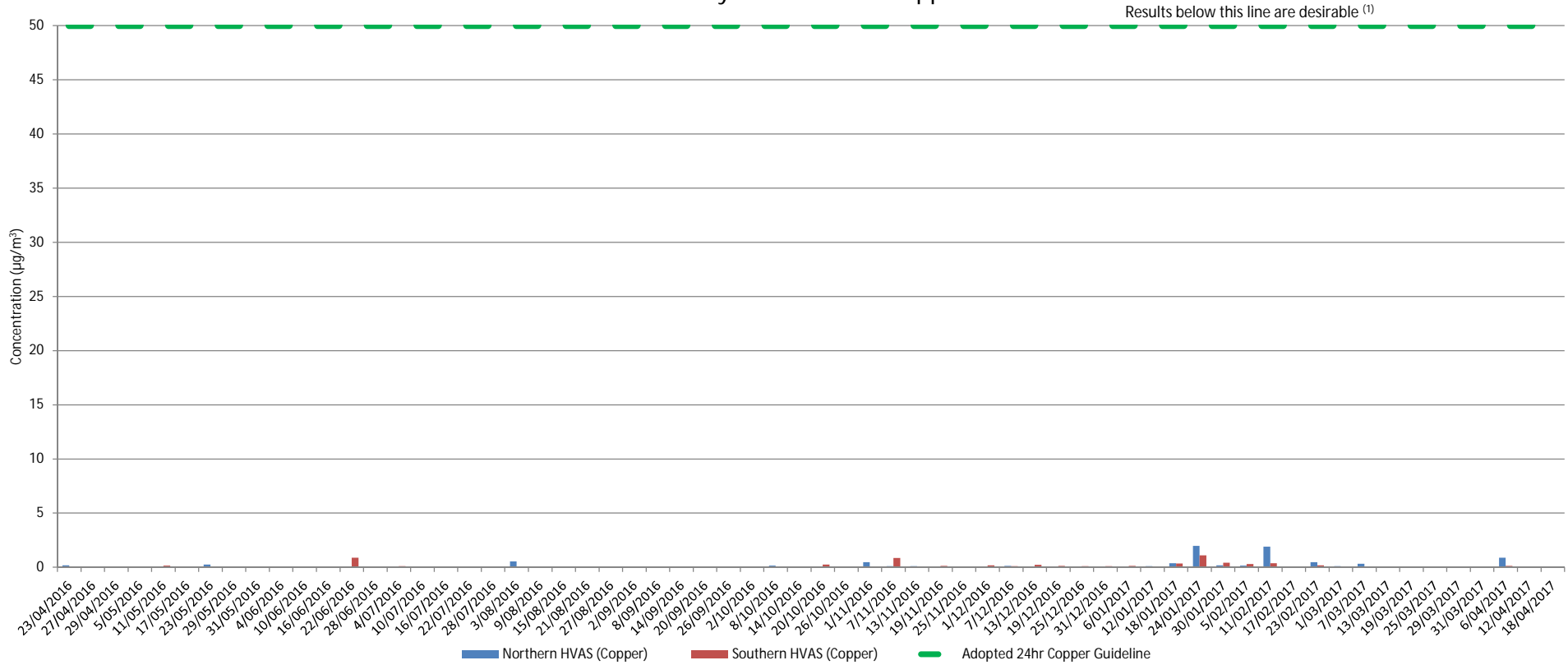
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South Sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

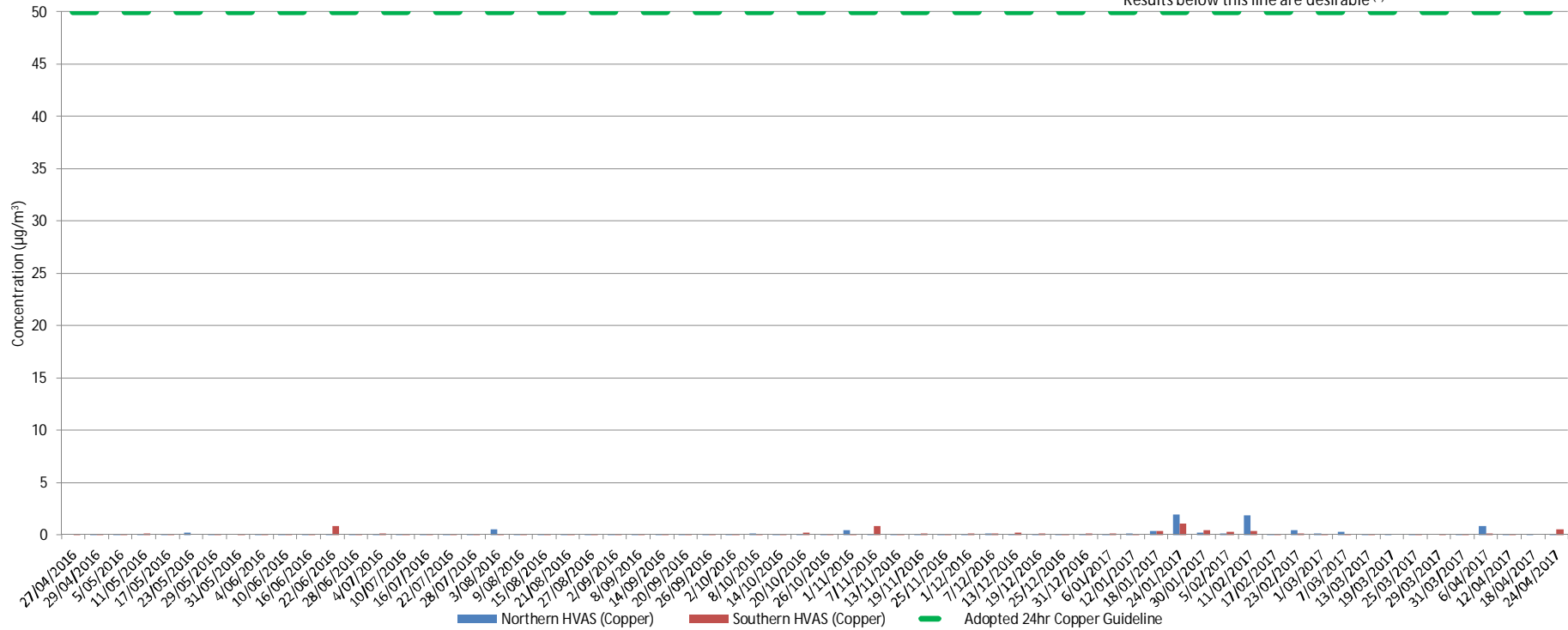
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	
27/04/2016	-	-	-	-	52.9	0.041	0.014	0.250	Catch up sample at South location
23/04/2016	41.7	0.174	0.018	0.14	DNR	DNR	DNR	DNR	Power issue resulted in incomplete sample at South location.

ConPorts Pty Ltd - 24 Hour Copper



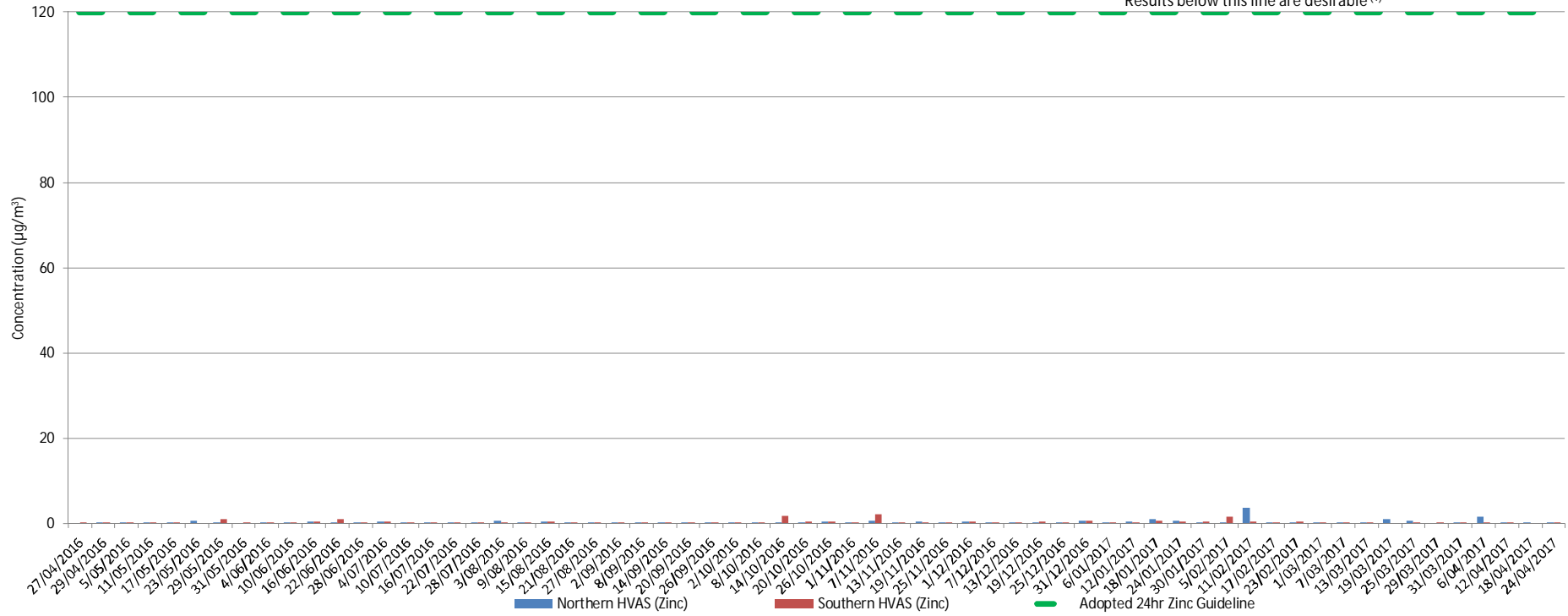
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Copper



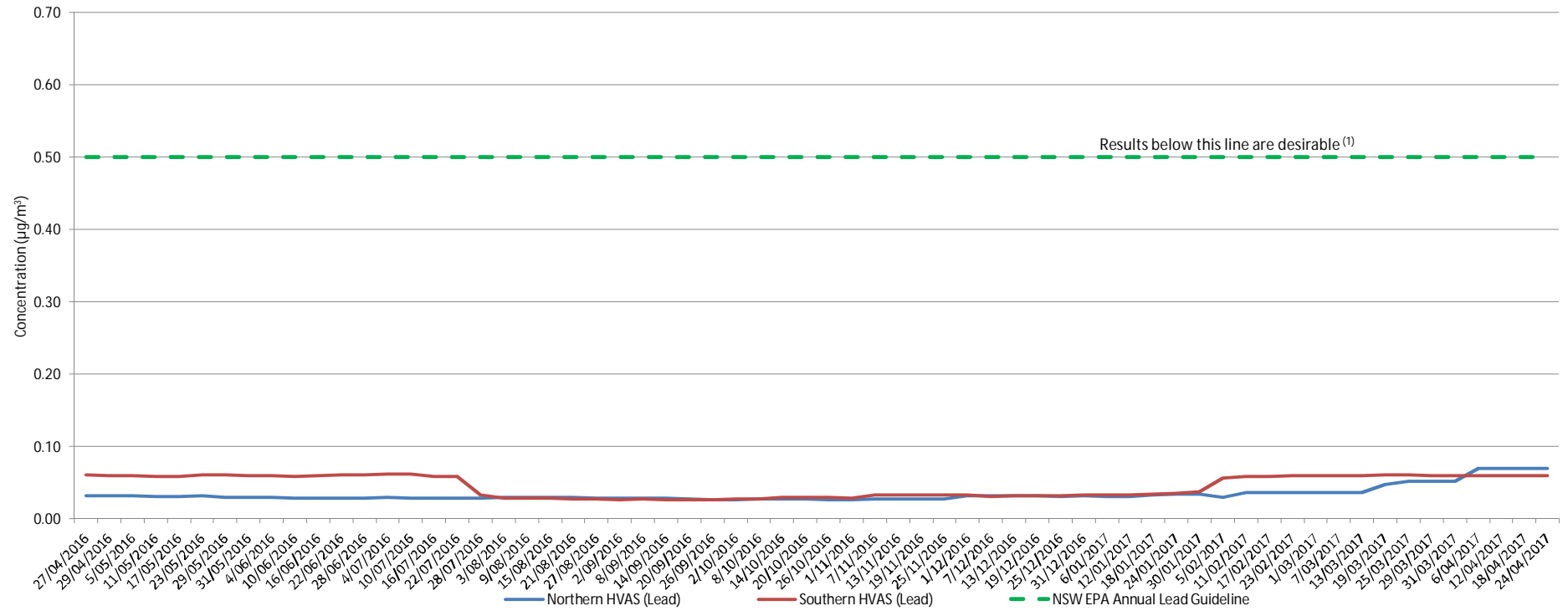
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



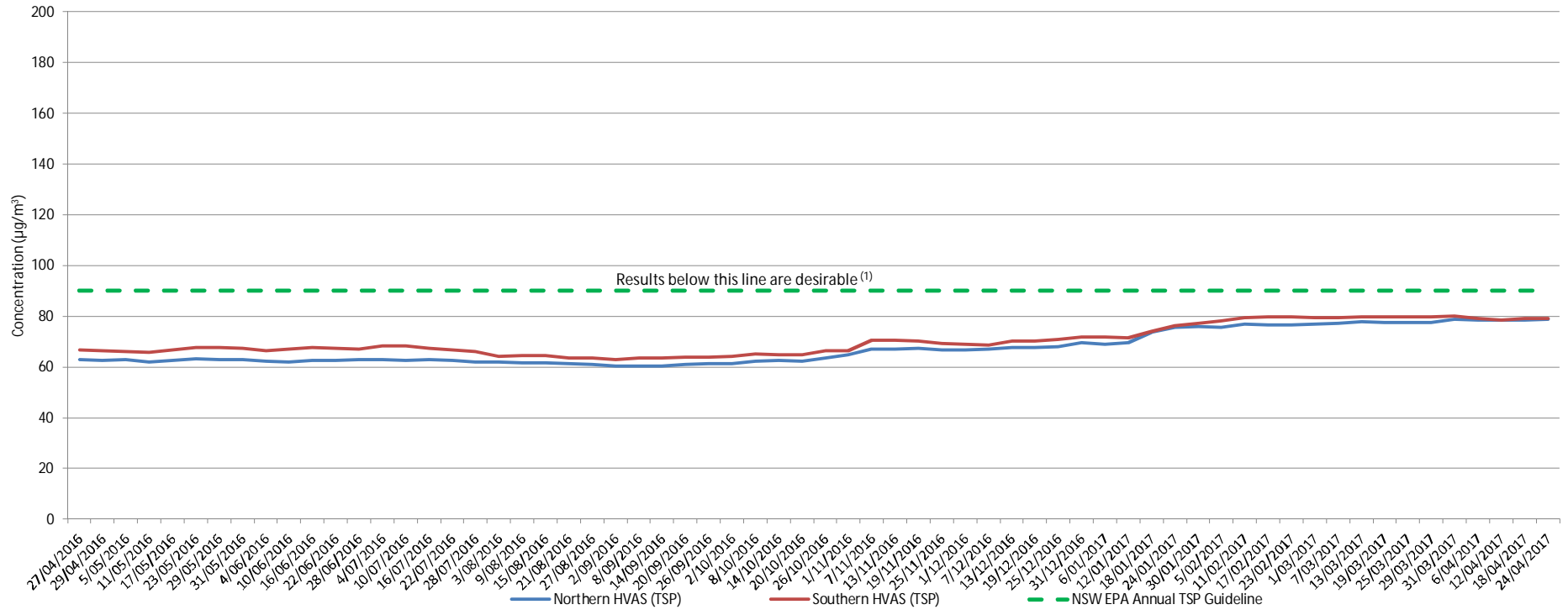
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

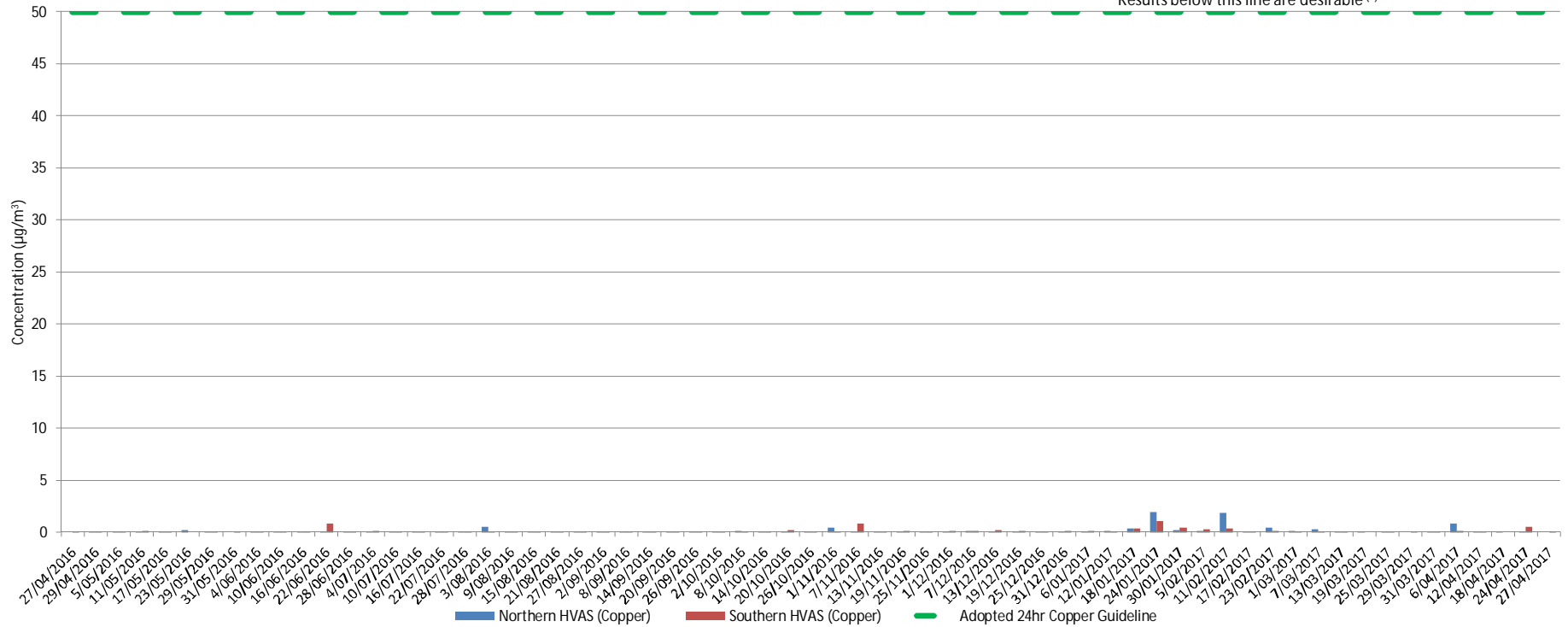
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

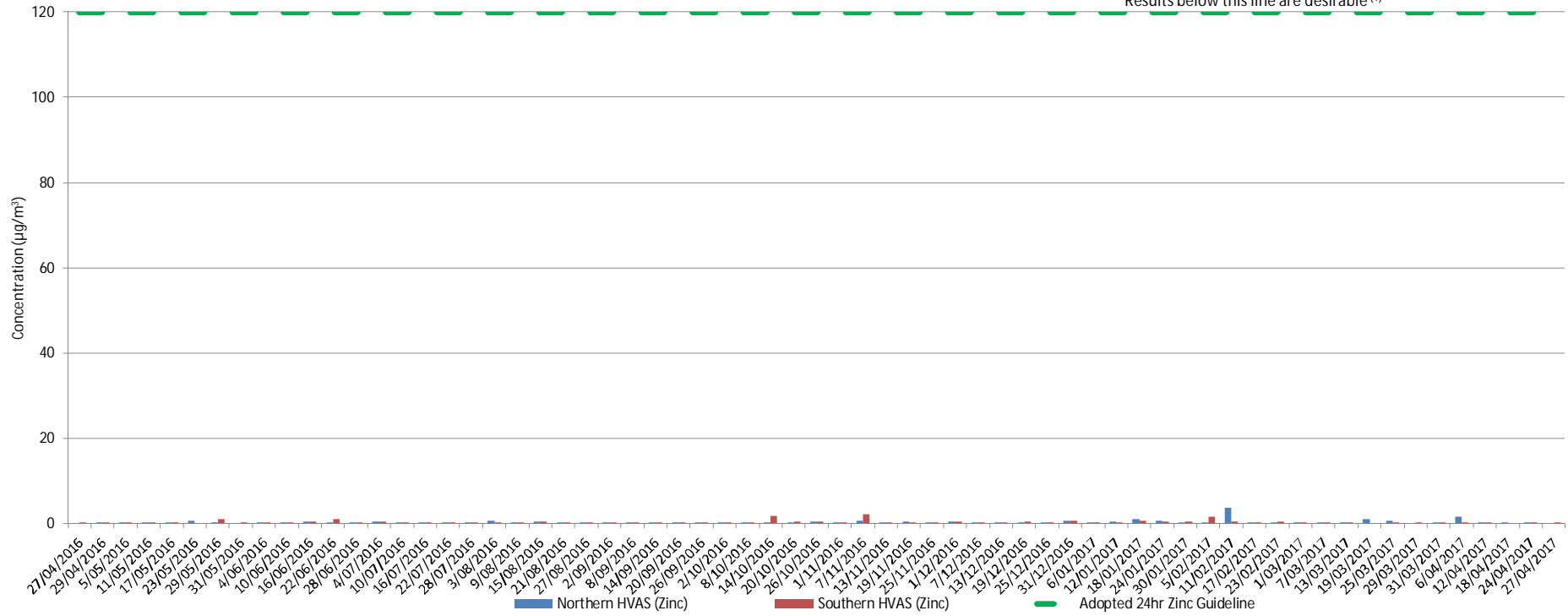
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	Catch up sample at South location
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	South Sampler did not run - HVAS programming issue.
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	
29/04/2016	46.0	0.012	0.010	0.12	50.0	0.021	0.010	0.099	

ConPorts Pty Ltd - 24 Hour Copper



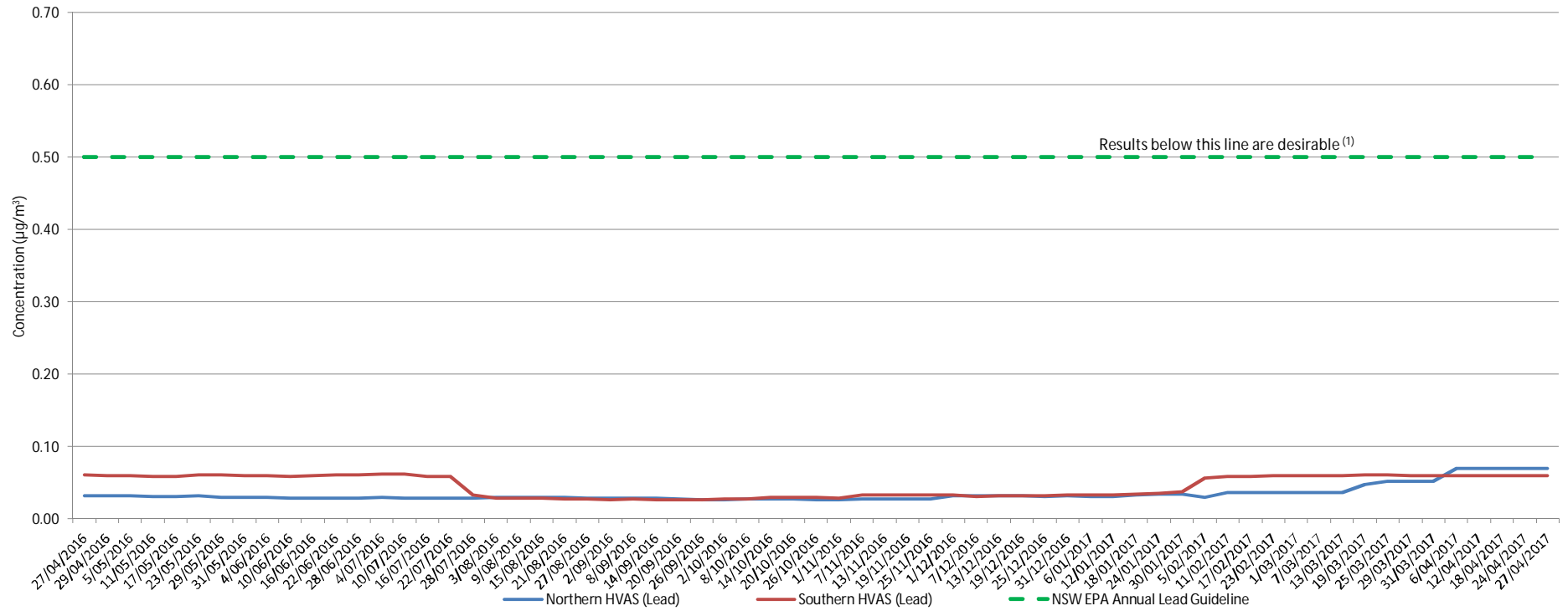
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



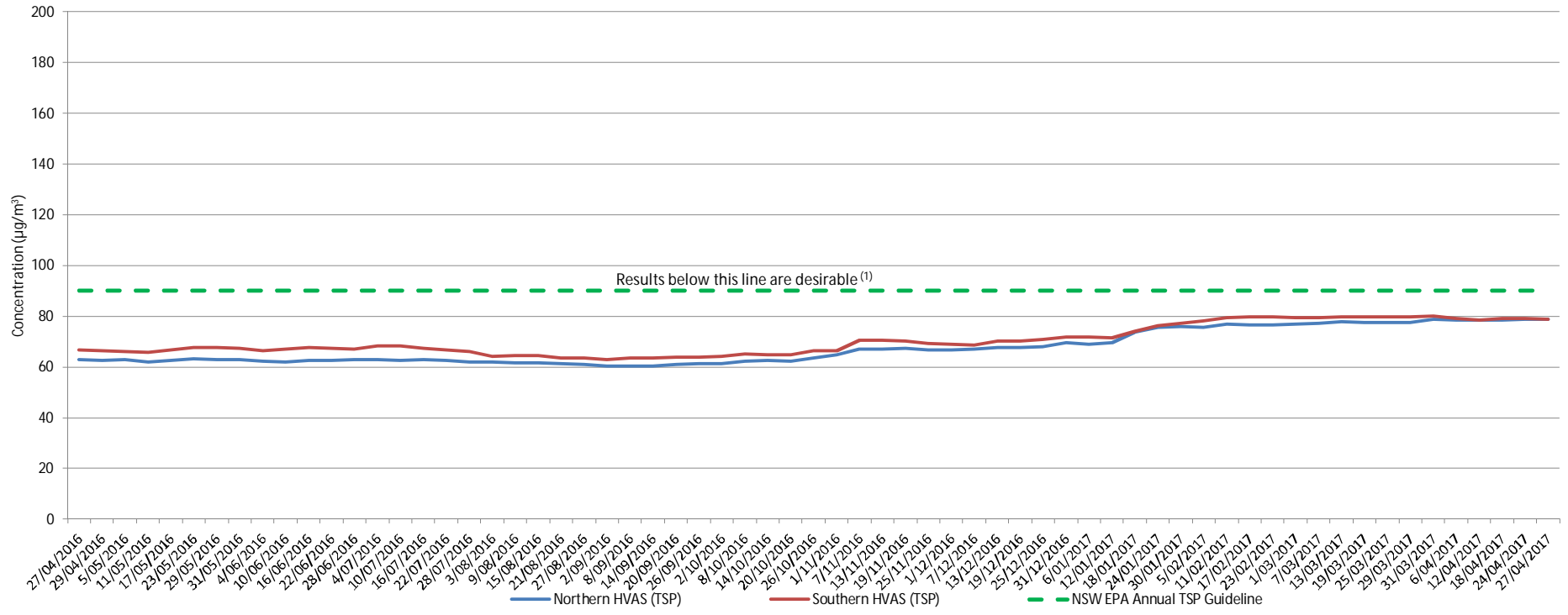
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

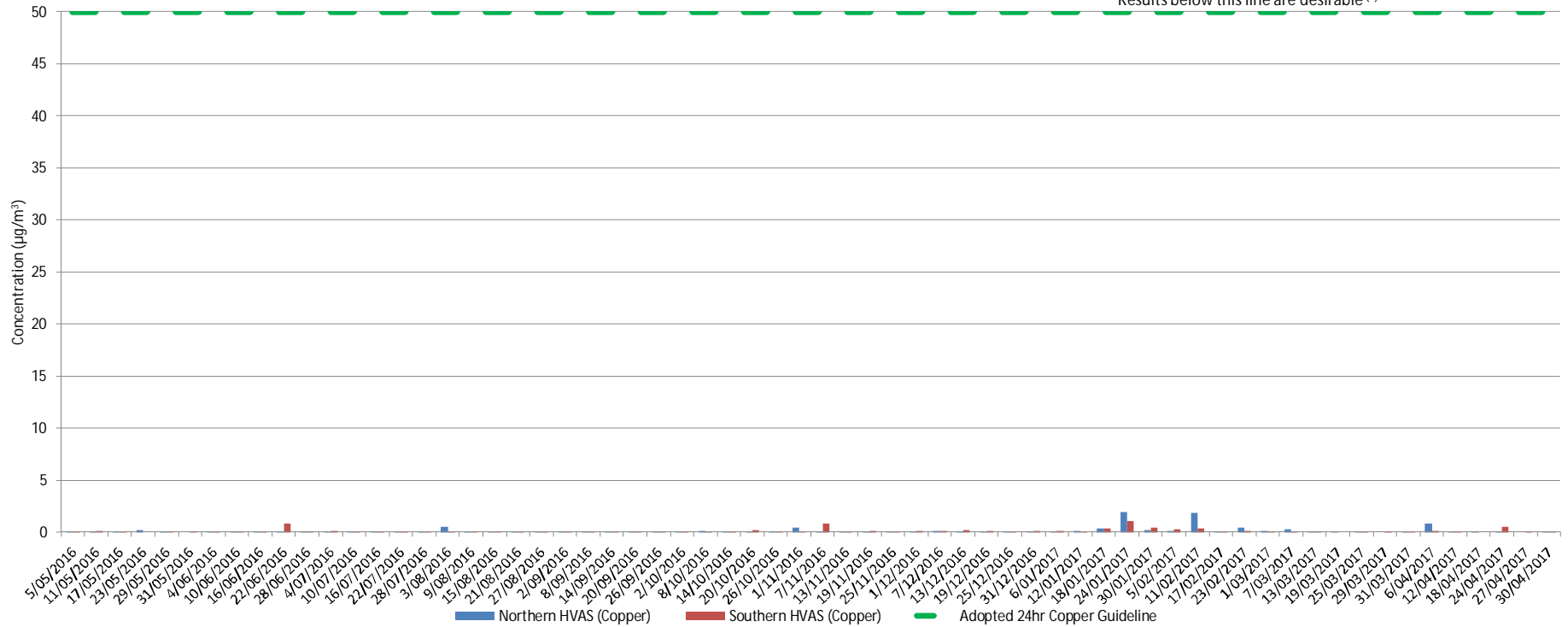
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

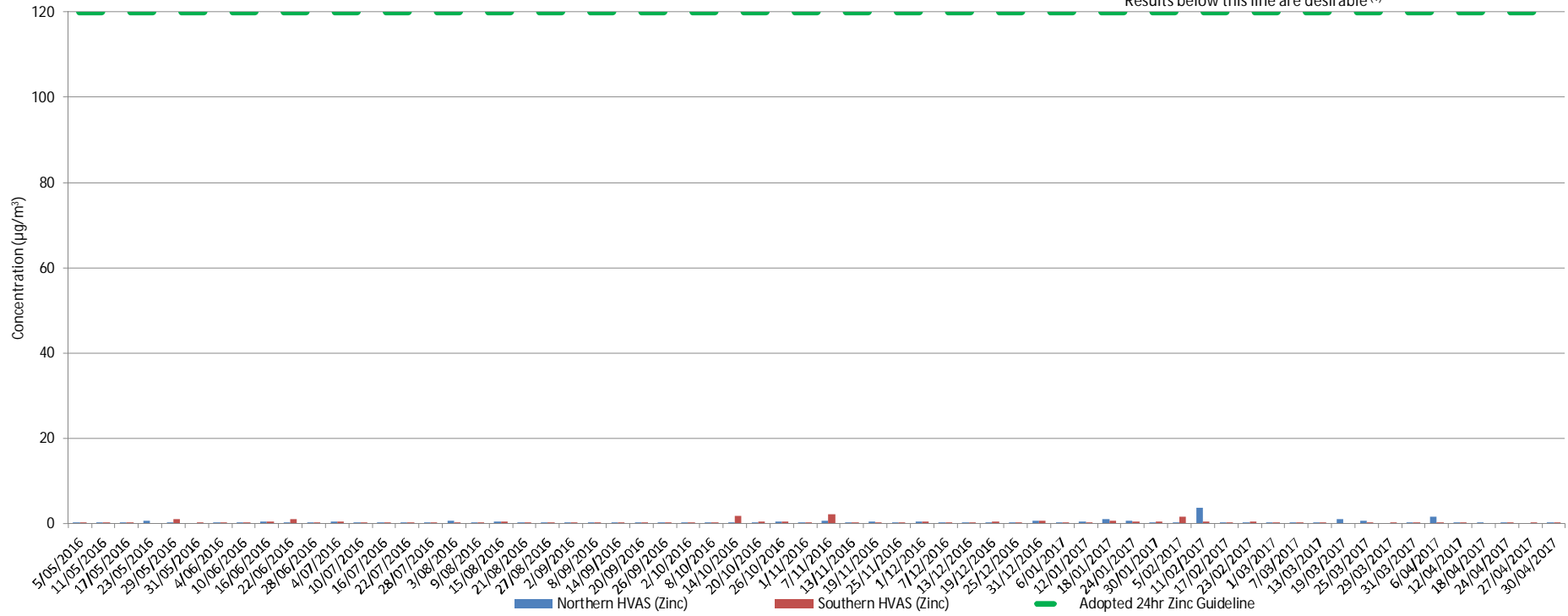
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	
5/05/2016	63.1	0.035	0.015	0.28	68.7	0.043	0.026	0.197	

ConPorts Pty Ltd - 24 Hour Copper



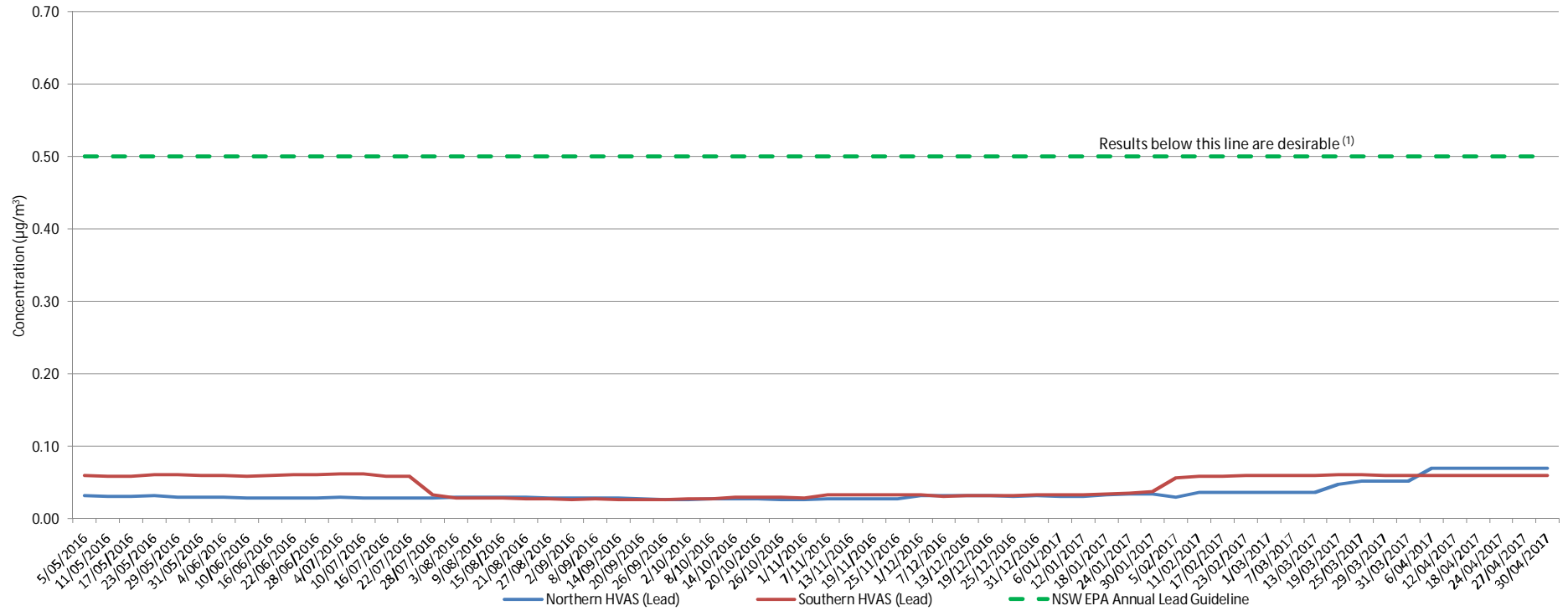
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



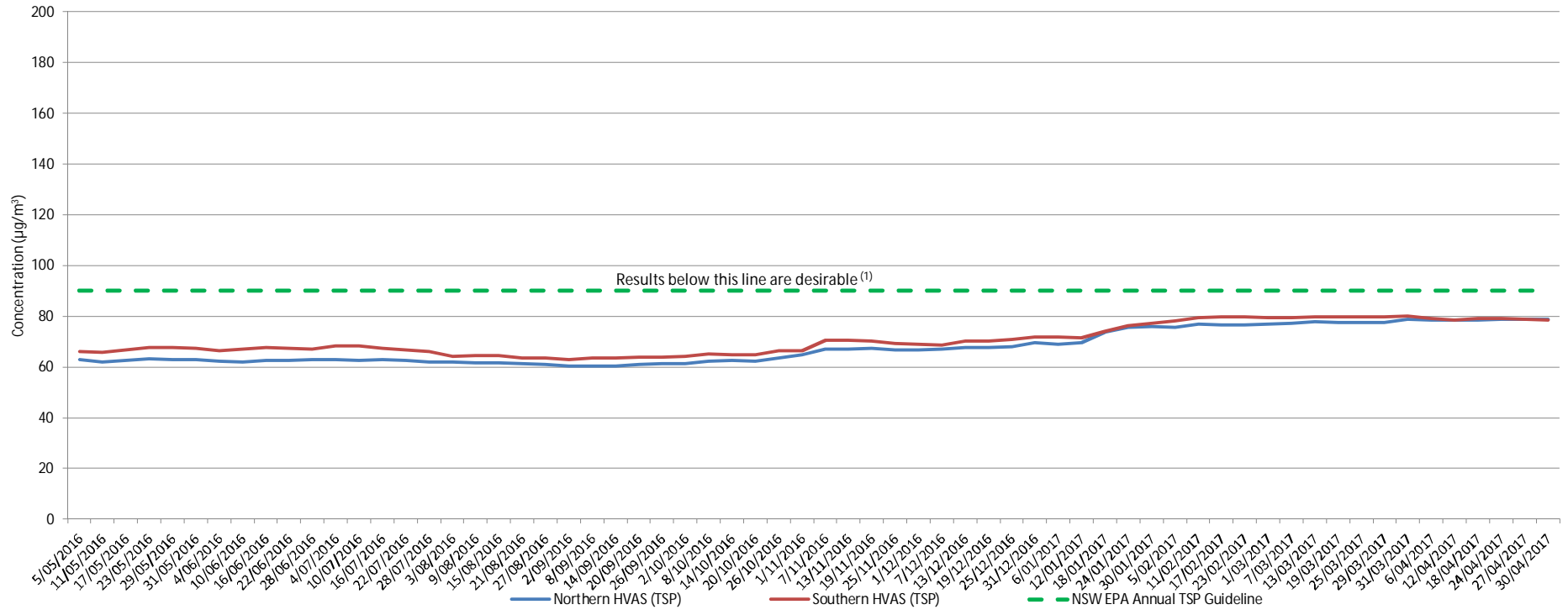
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	

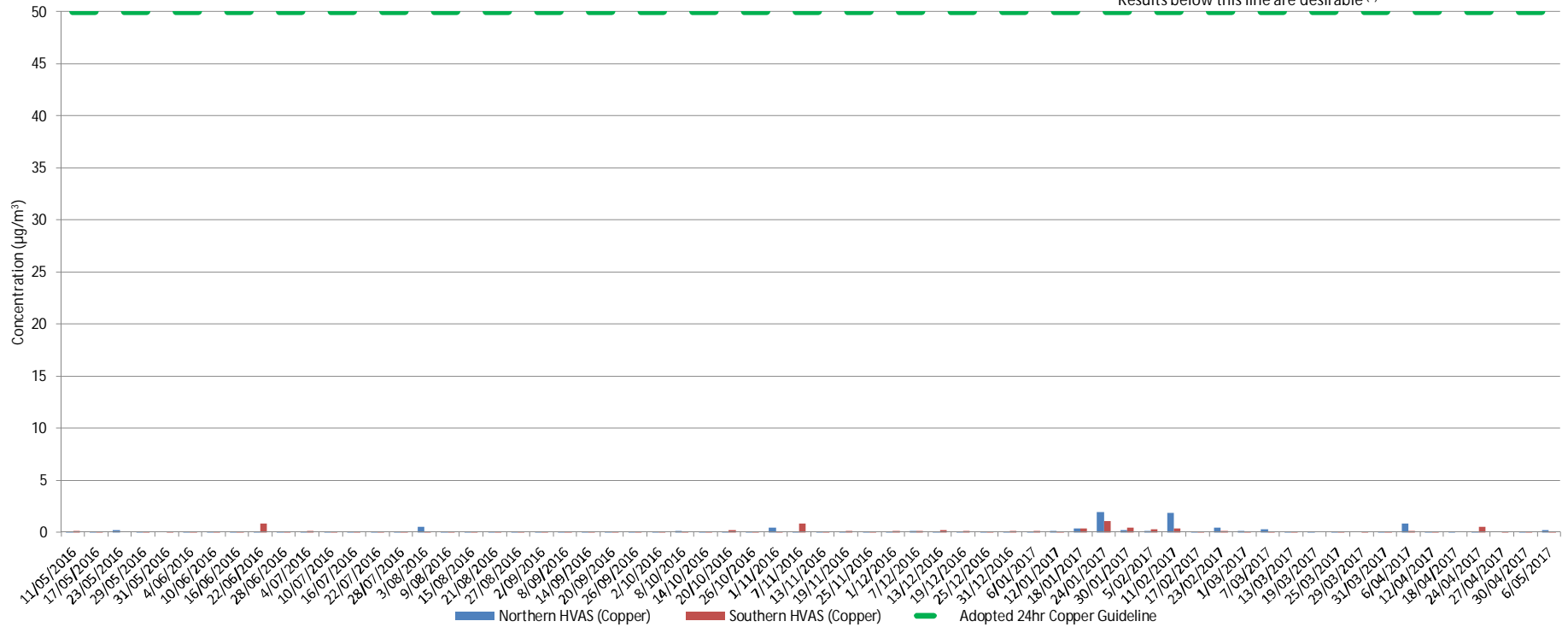
ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	
11/05/2016	53.7	0.028	0.011	0.20	71.0	0.144	0.036	0.205	

Catch up sample at South location

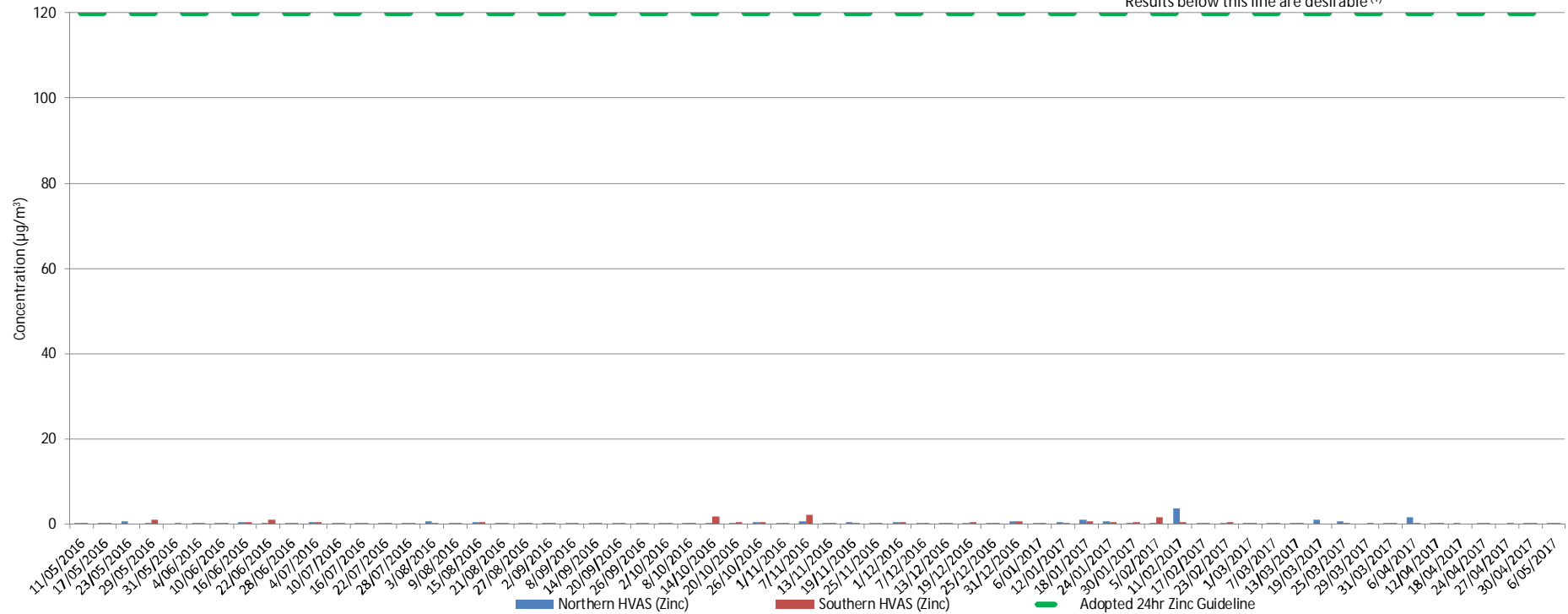
South Sampler did not run - HVAS programming issue.

ConPorts Pty Ltd - 24 Hour Copper



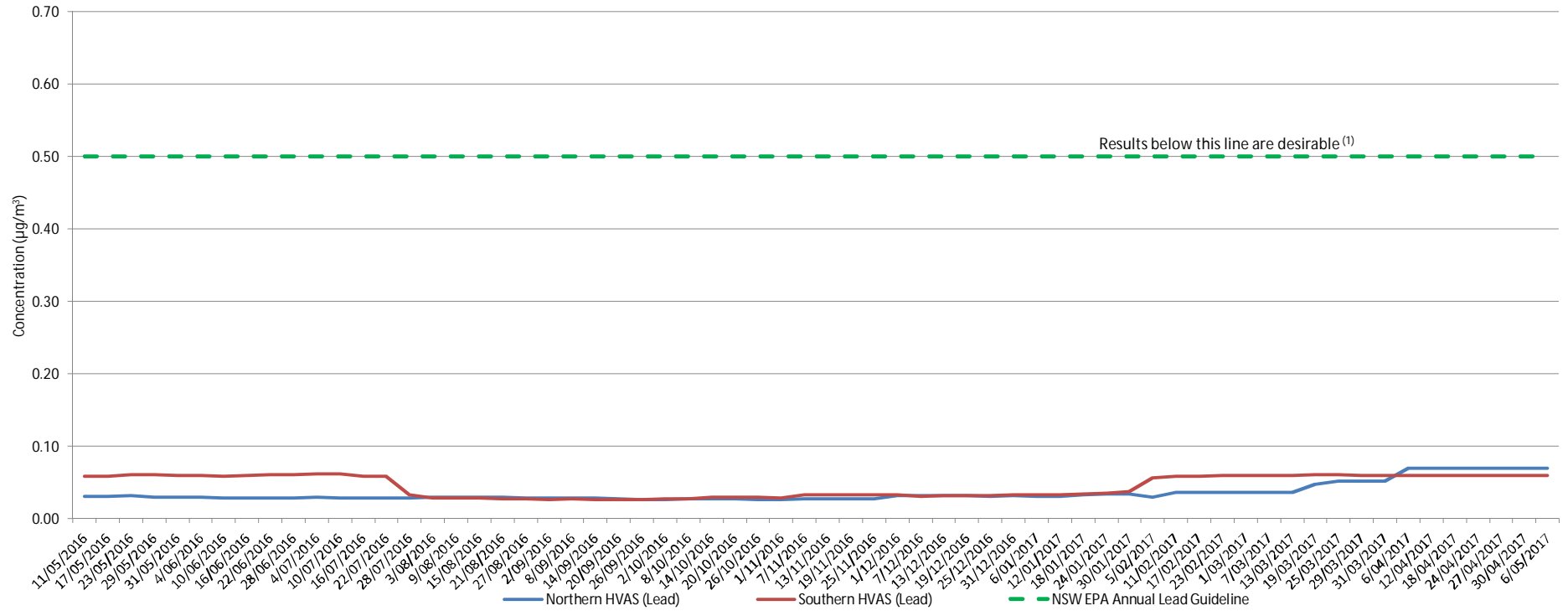
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



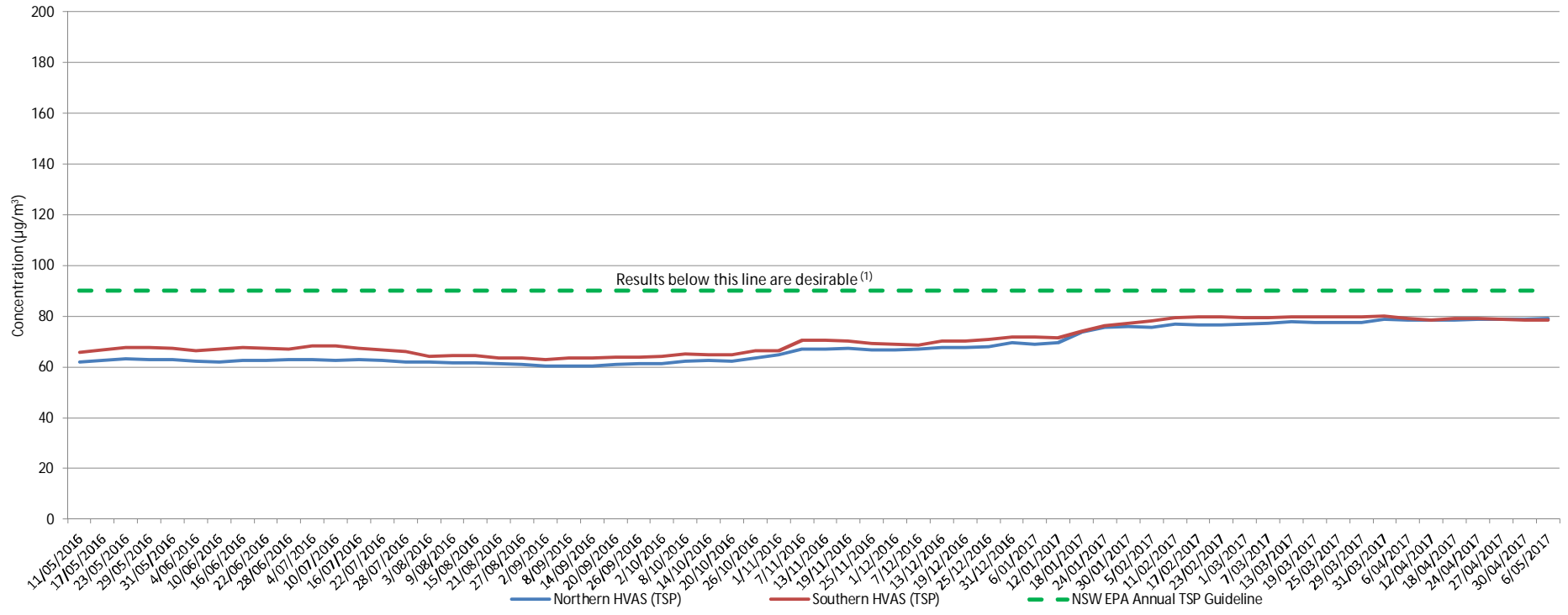
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

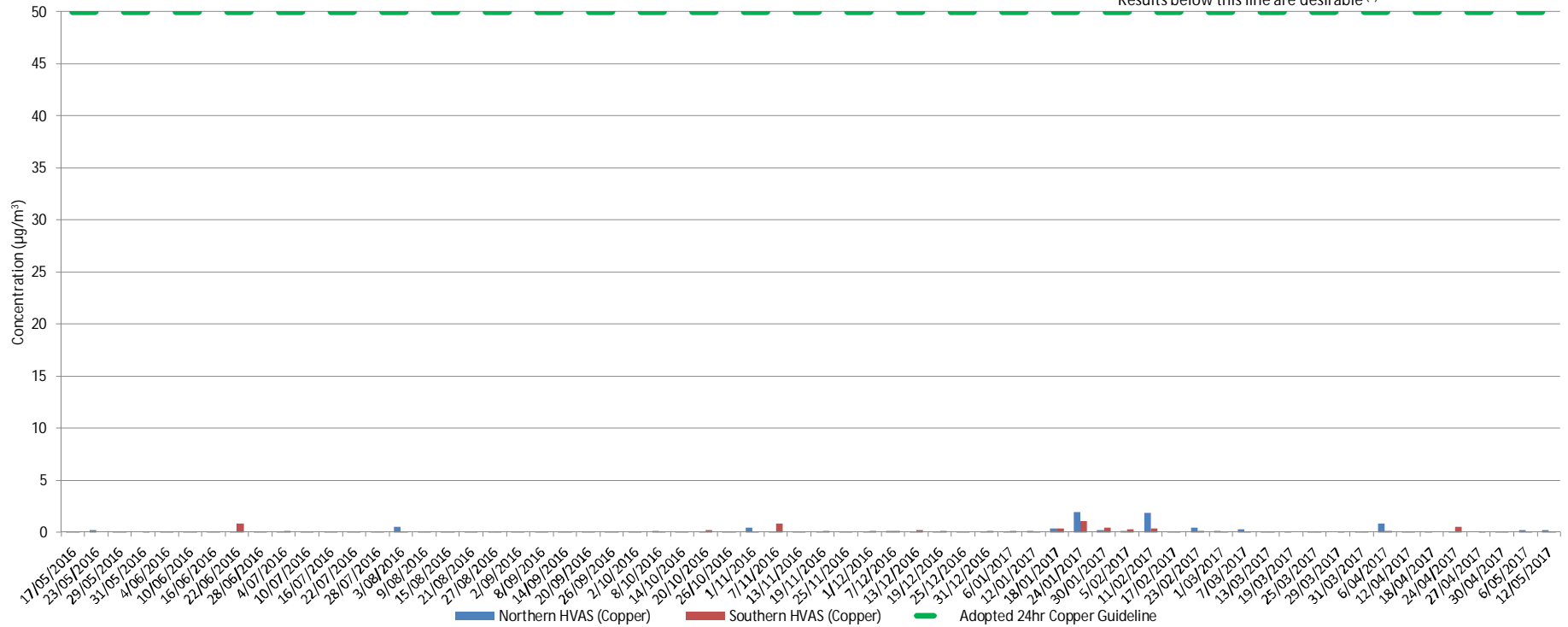
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

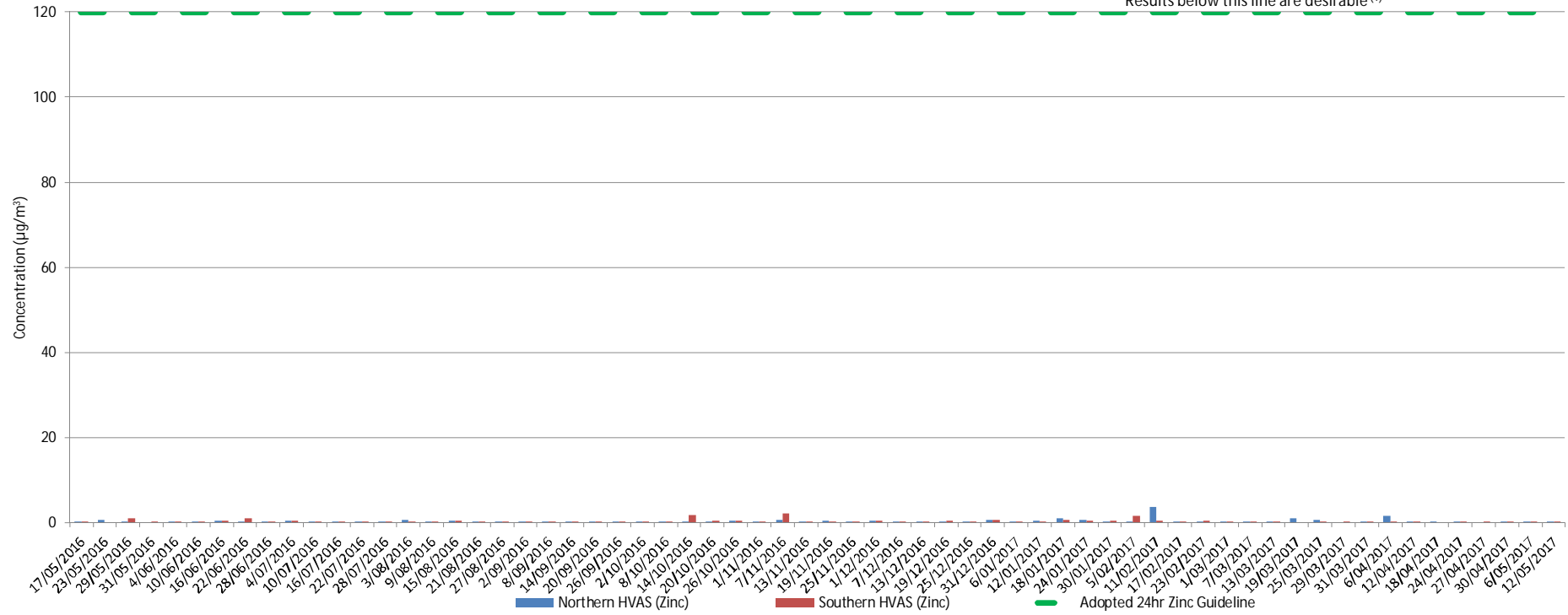
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.
17/05/2016	85.0	0.037	0.018	0.24	91.7	0.048	0.036	0.183	

ConPorts Pty Ltd - 24 Hour Copper



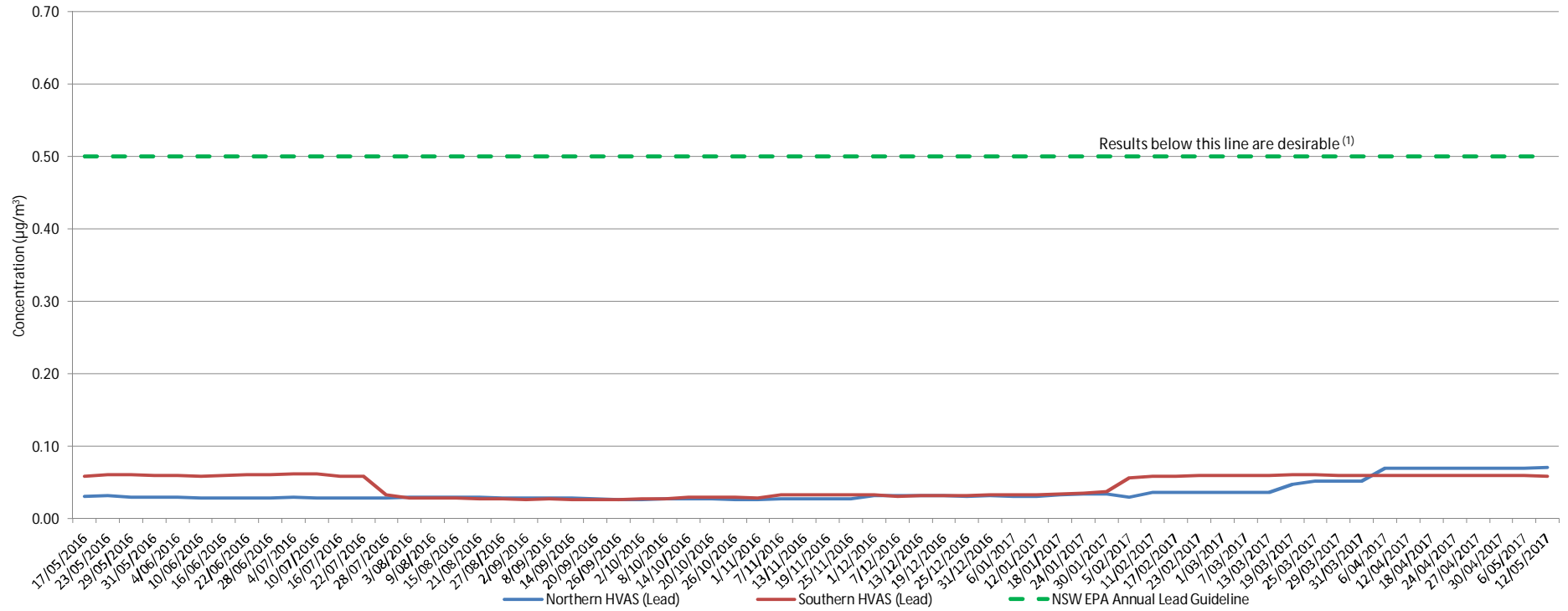
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



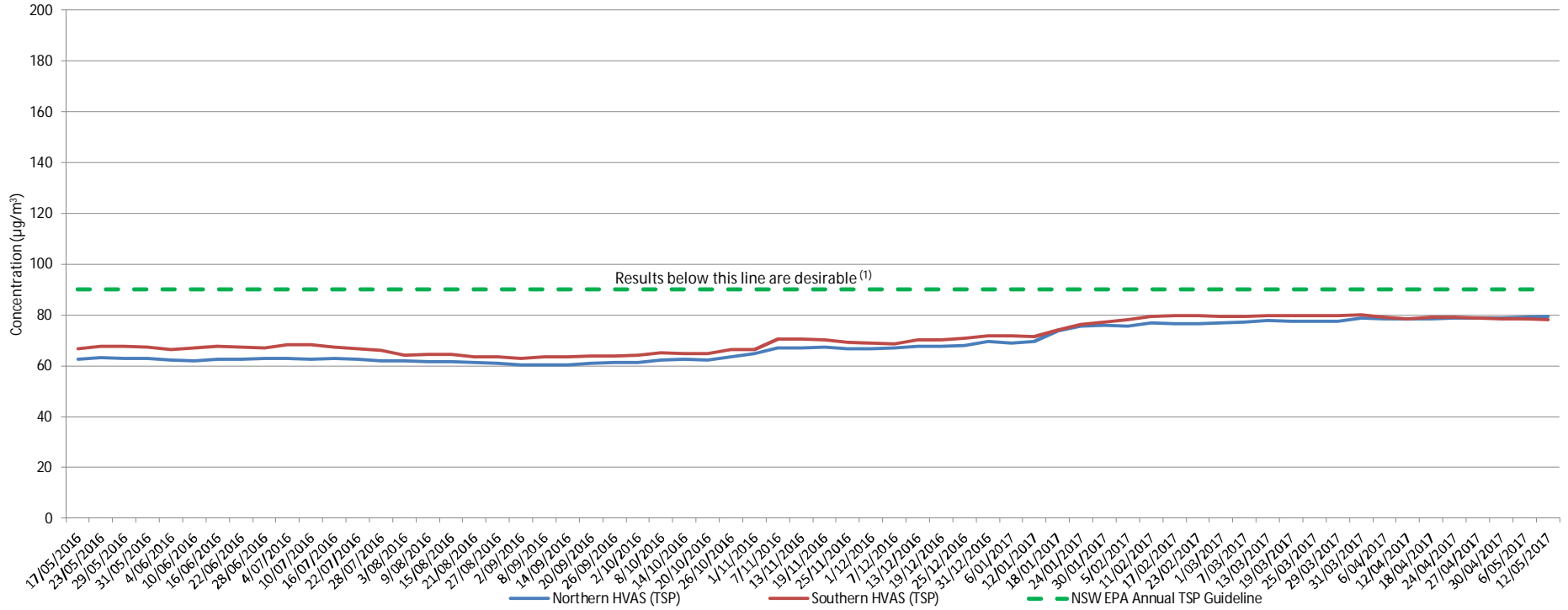
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

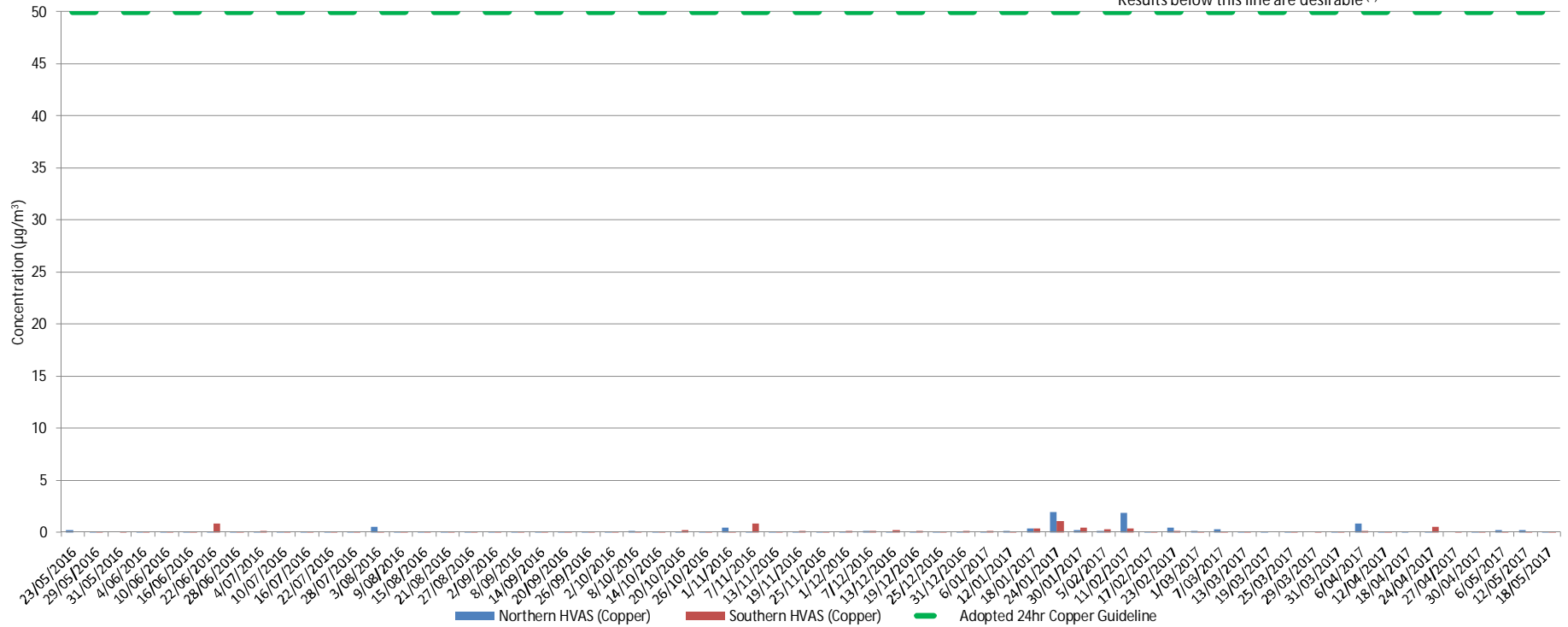
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
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6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

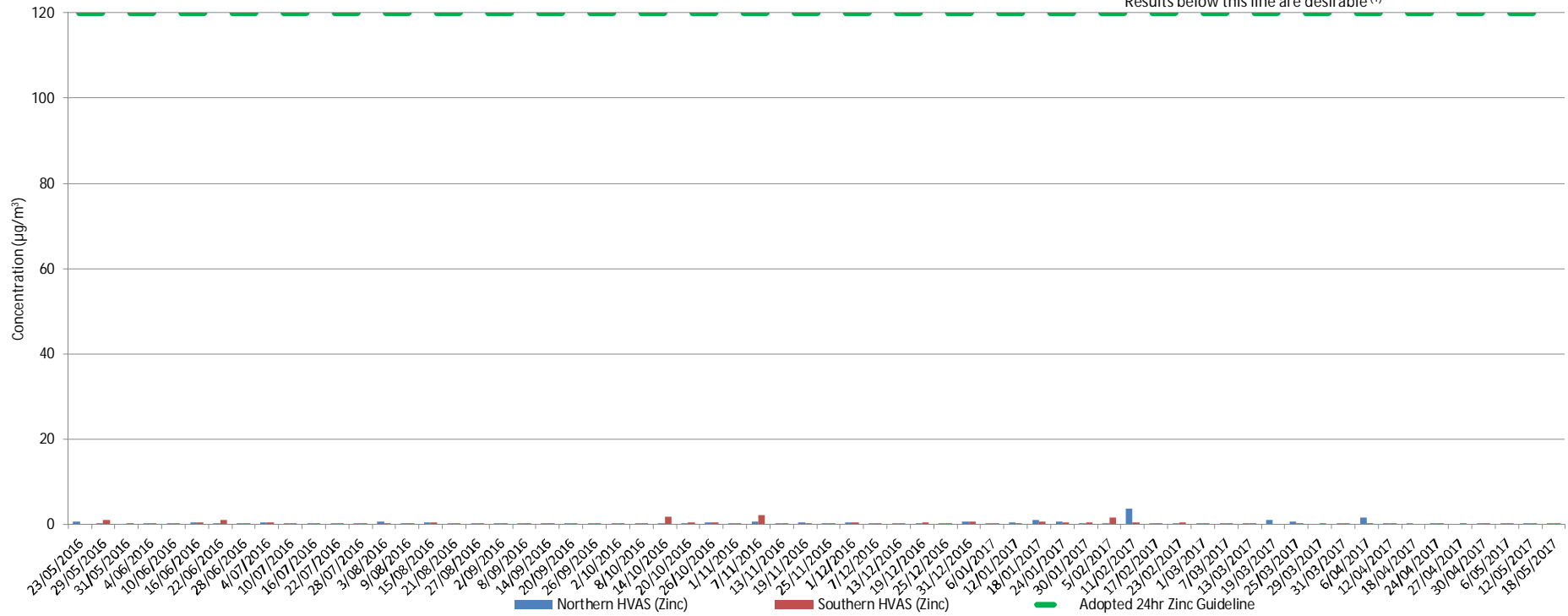
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	
23/05/2016	91.7	0.248	0.059	0.65	DNR	DNR	DNR	DNR	South Sampler did not run - HVAS programming issue.

ConPorts Pty Ltd - 24 Hour Copper



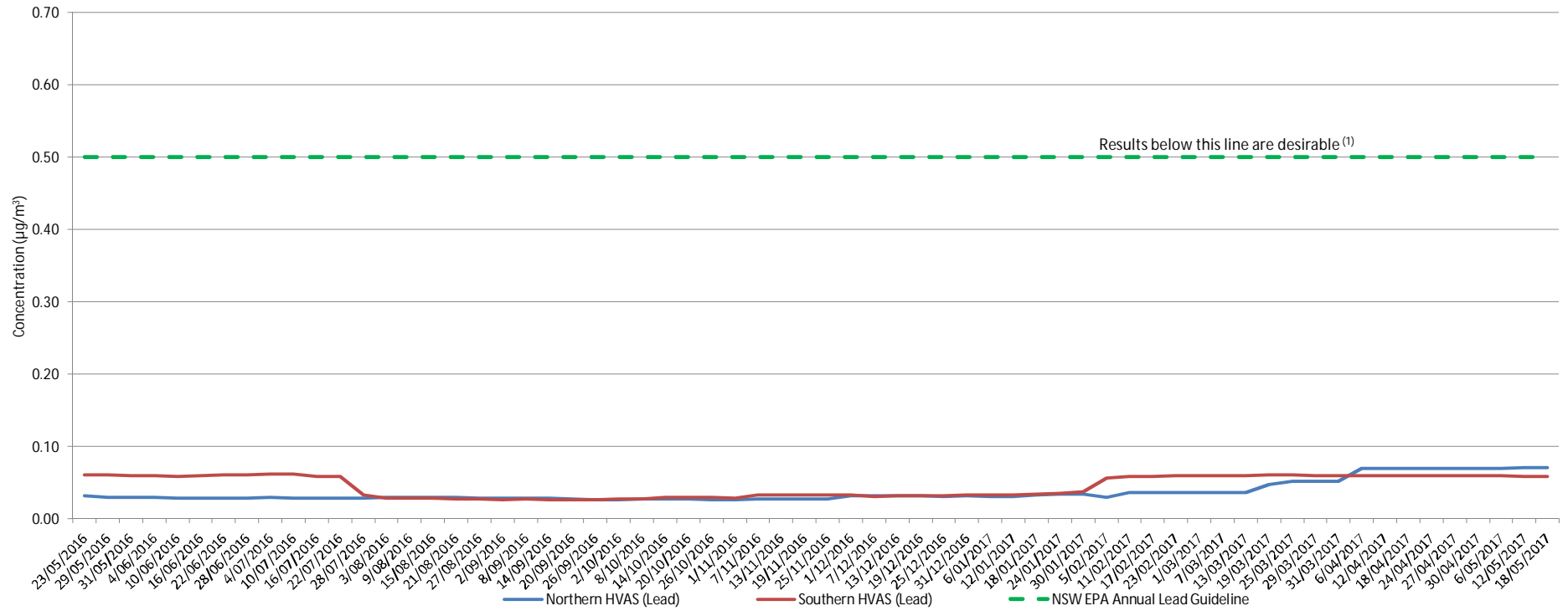
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



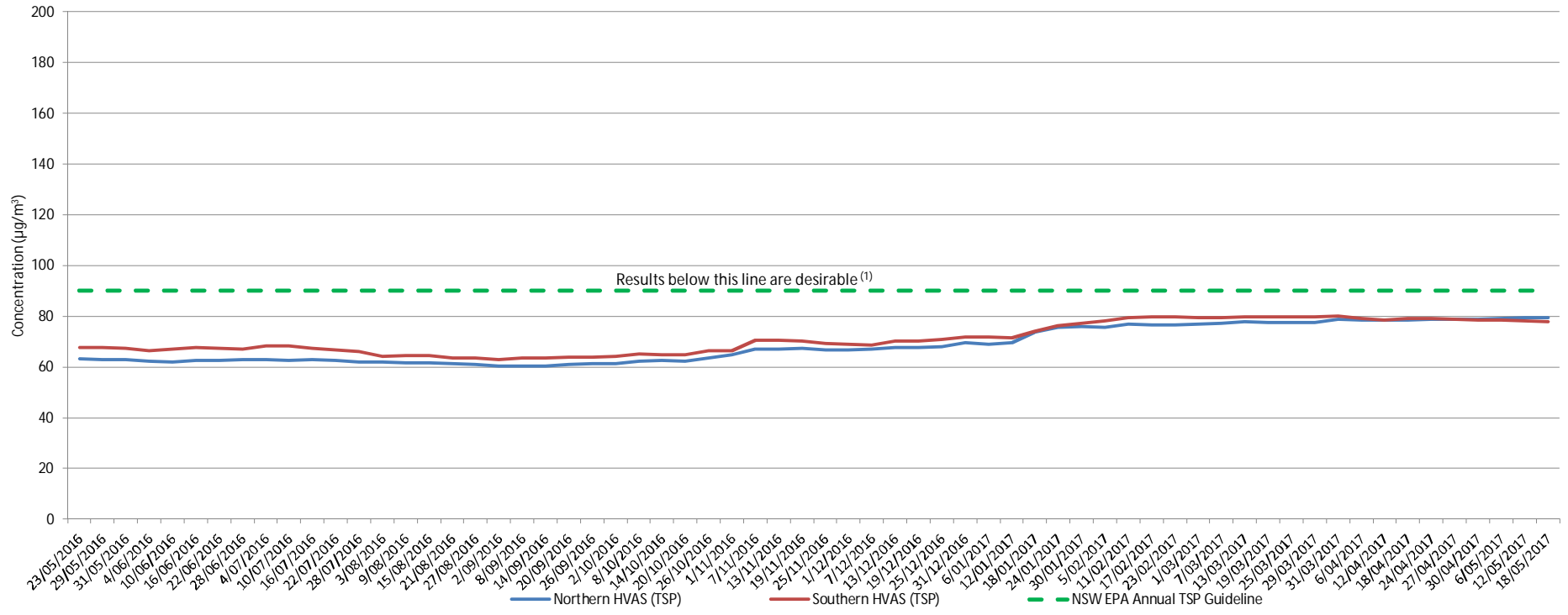
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

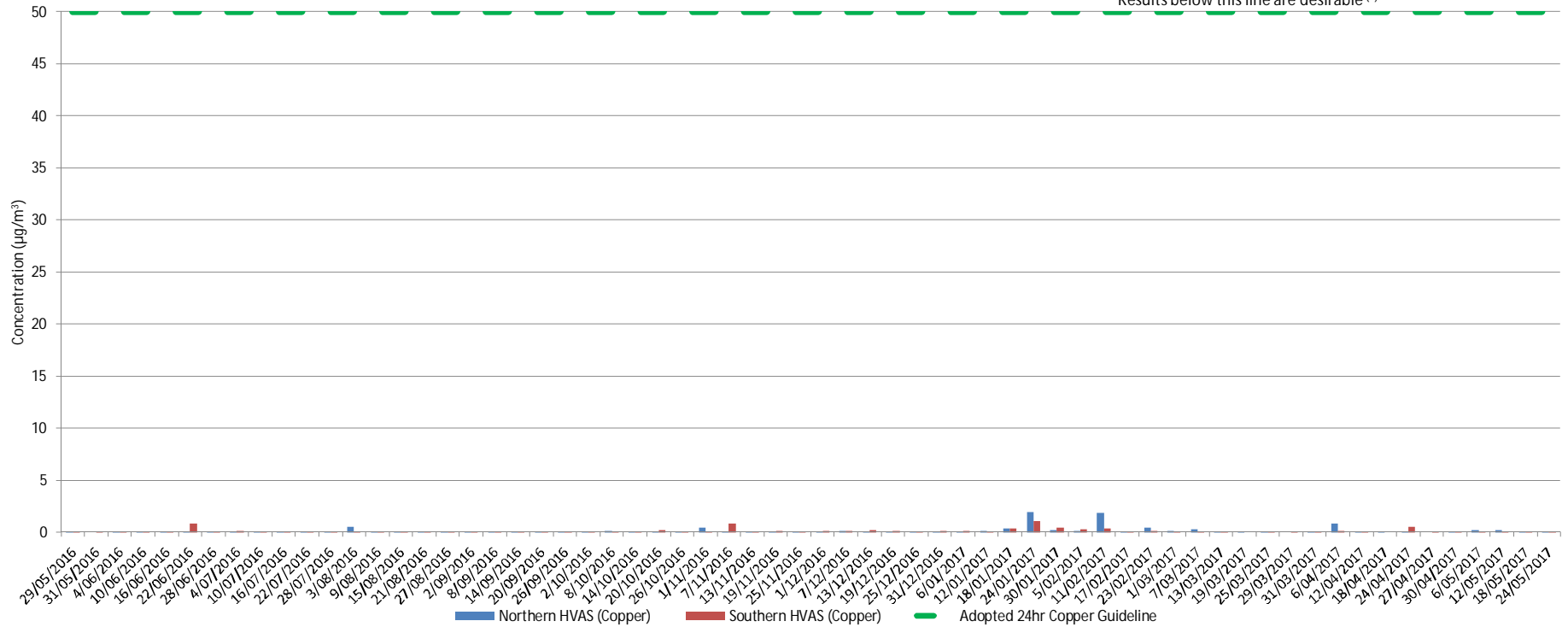
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

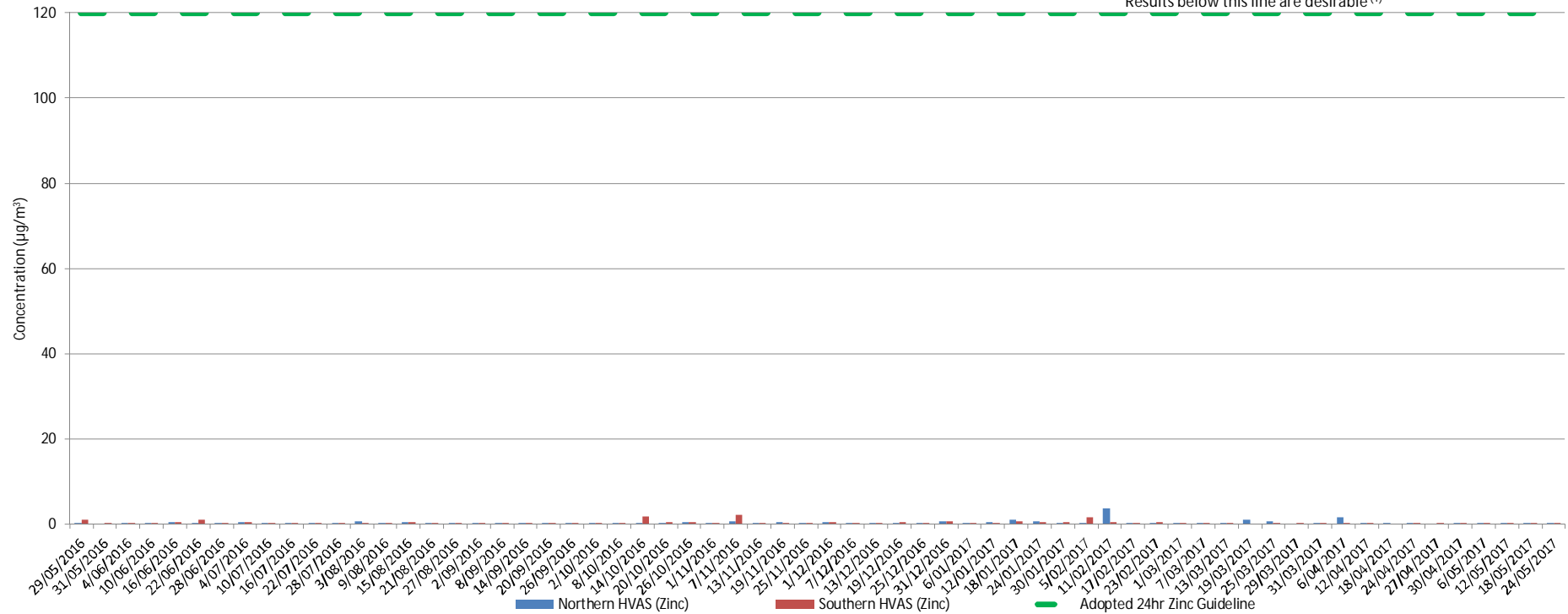
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	
29/05/2016	21.5	0.024	0.007	0.06	41.6	0.061	0.086	0.950	Catch up sample at South location

ConPorts Pty Ltd - 24 Hour Copper



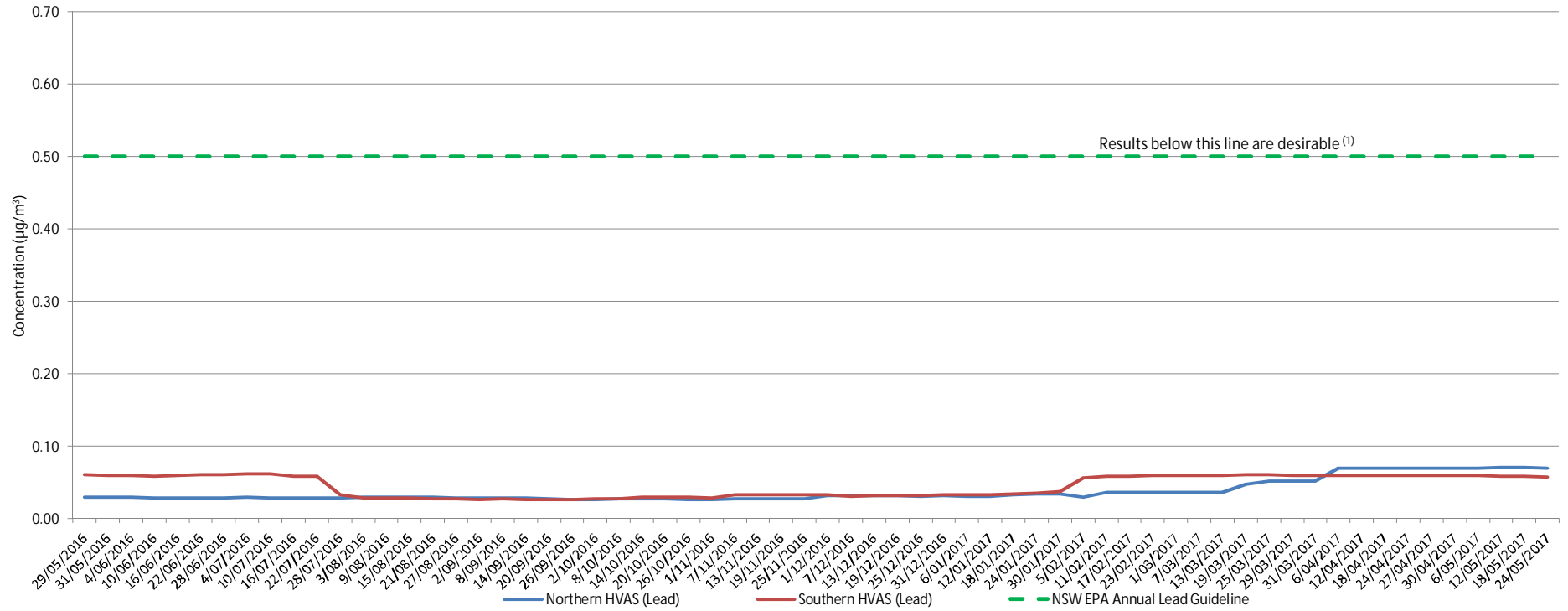
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



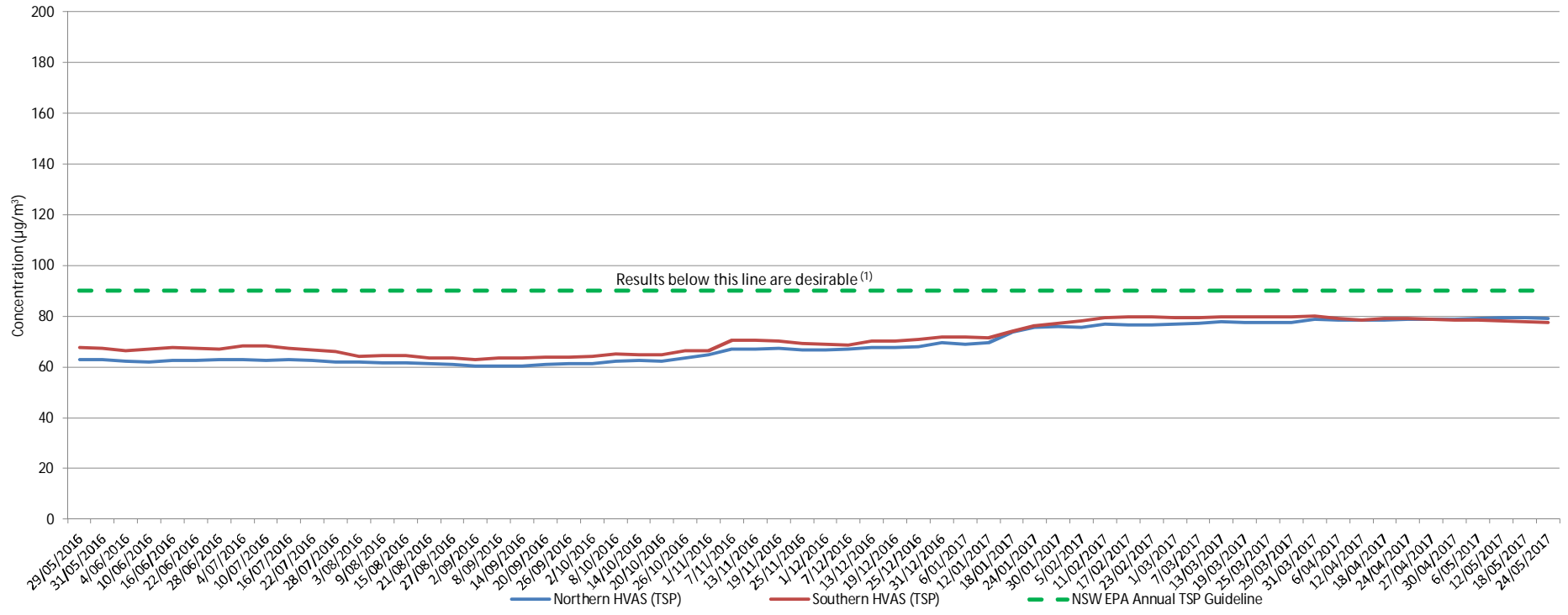
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

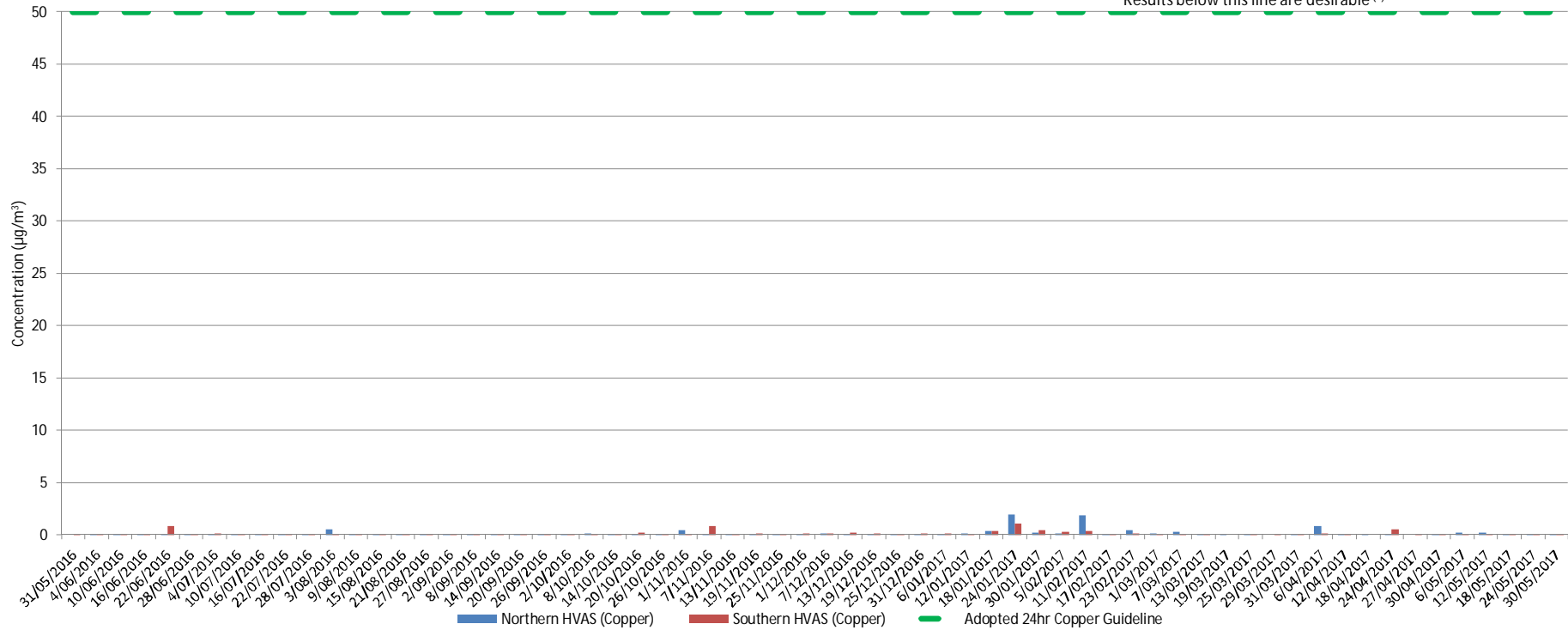
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

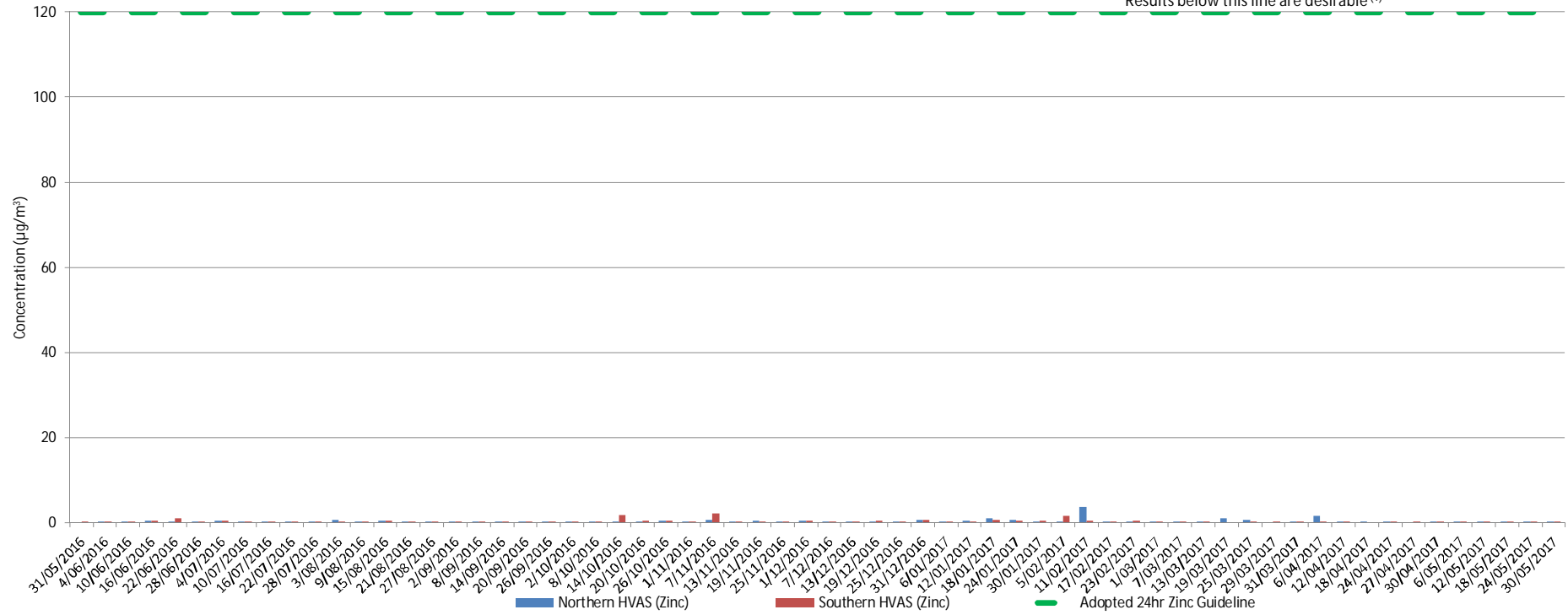
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	
31/05/2016	-	-	-	-	61.8	0.066	0.016	0.173	Catch up sample at South location

ConPorts Pty Ltd - 24 Hour Copper



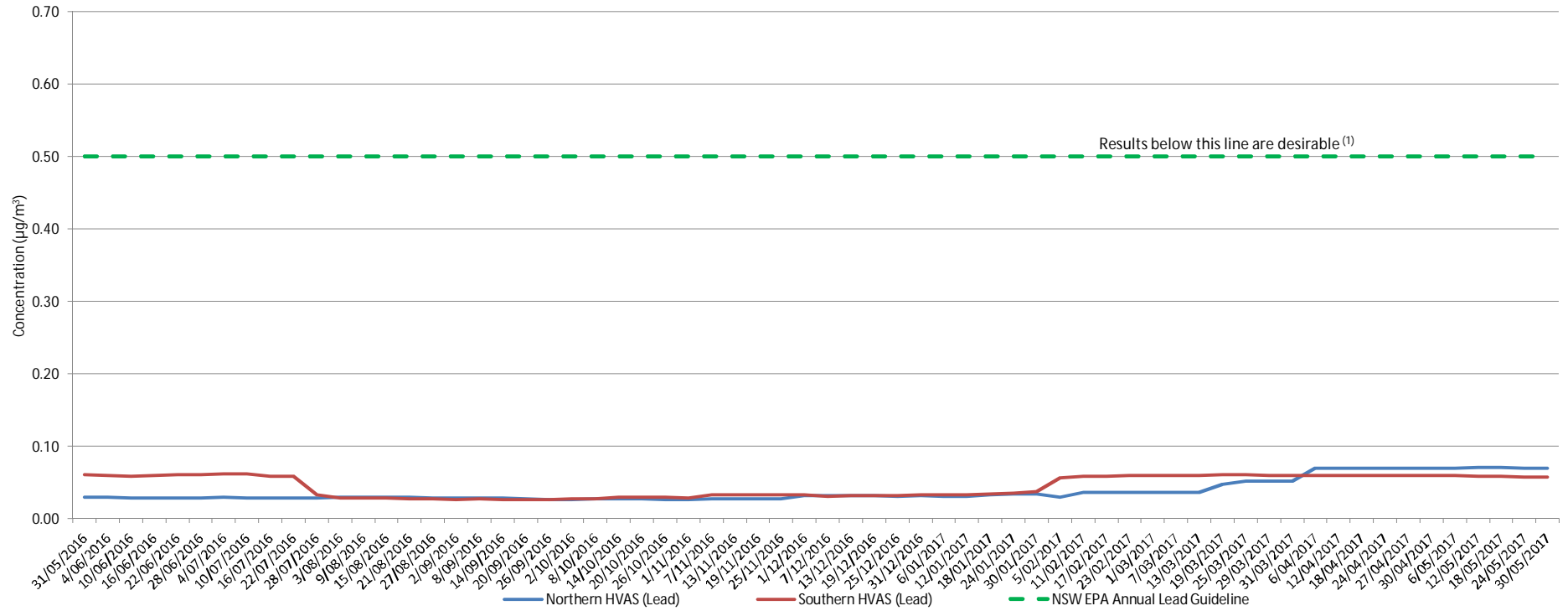
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



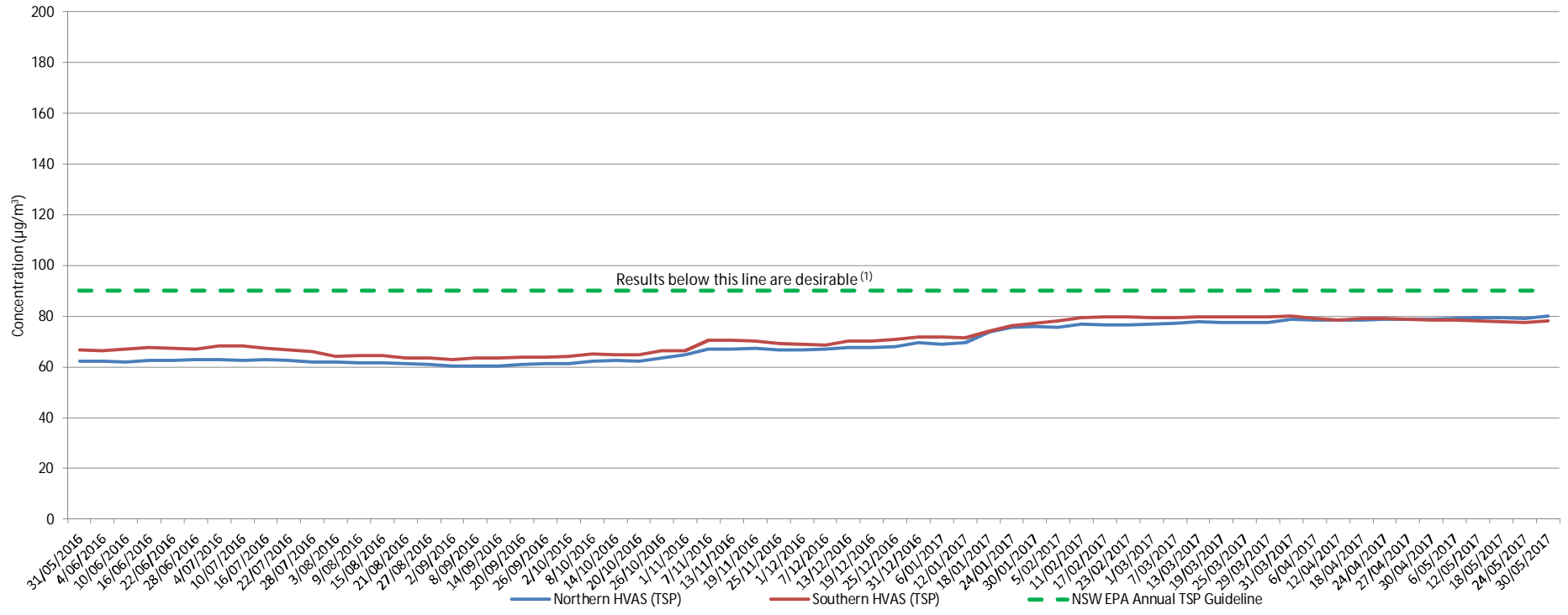
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

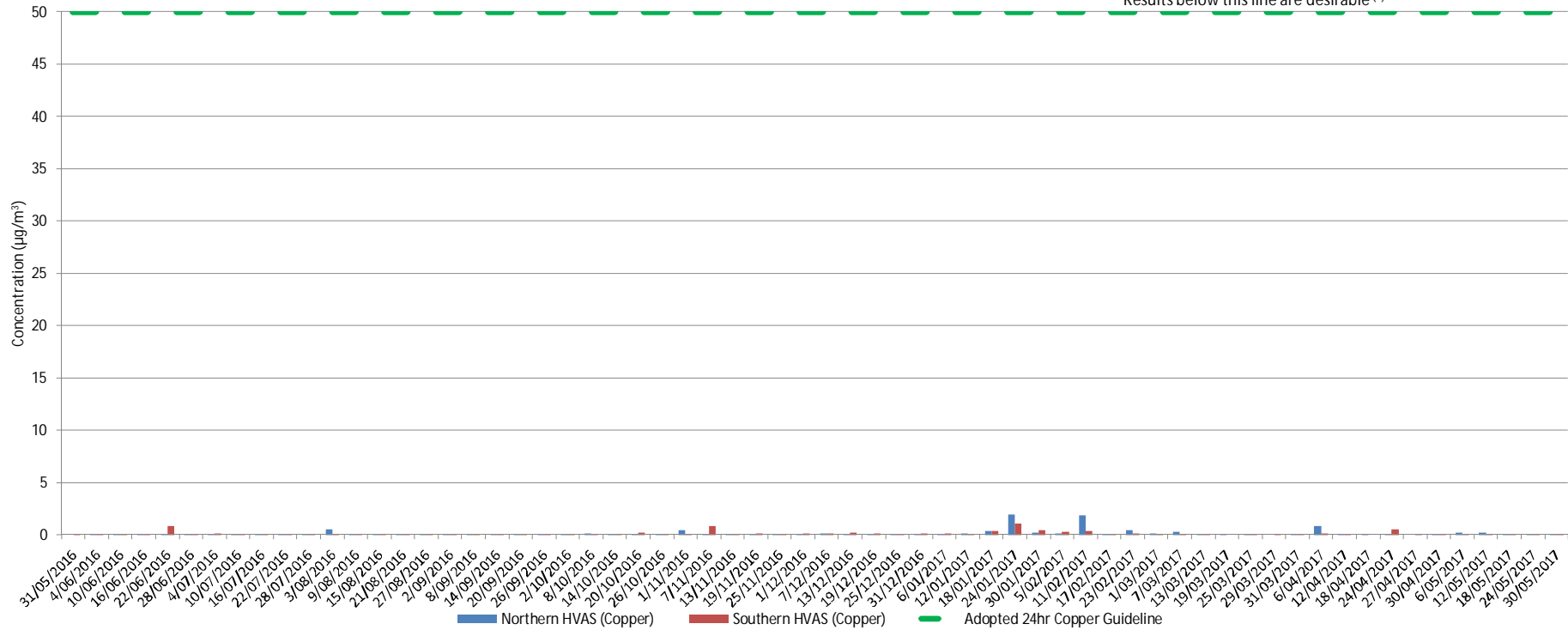
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

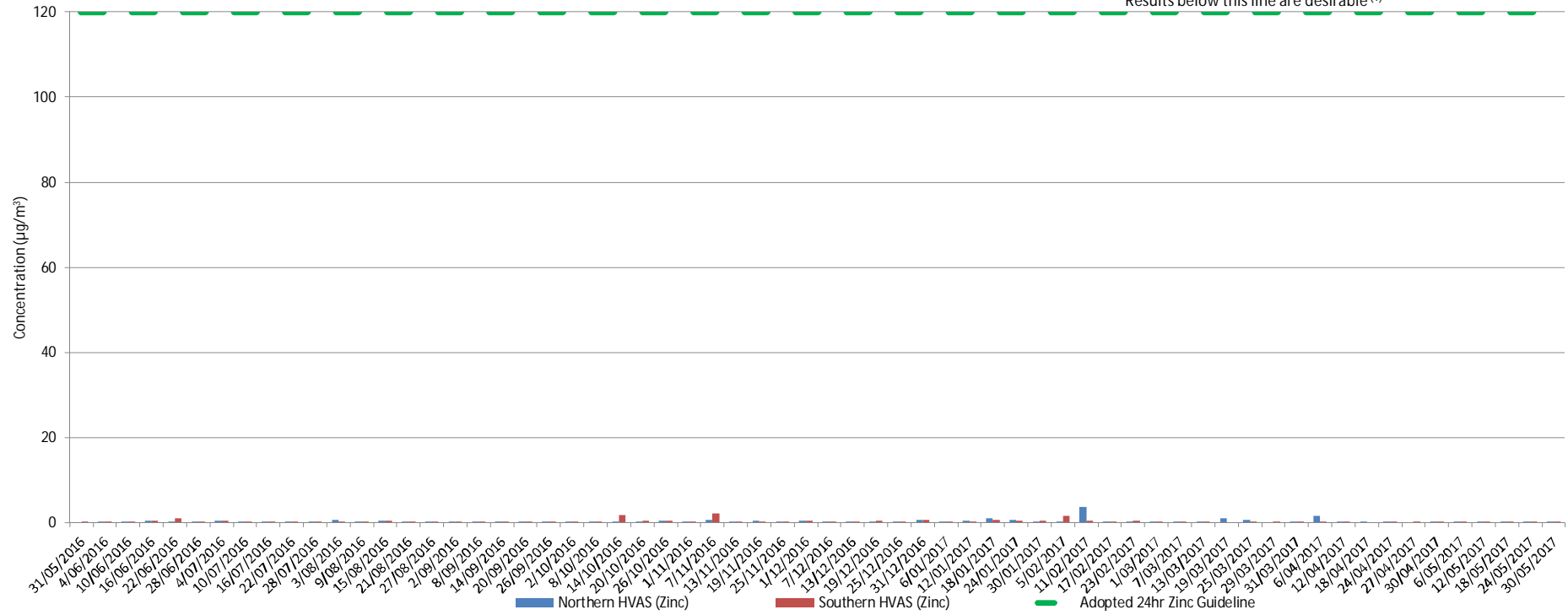
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	
4/06/2016	58.6	0.026	<0.007	0.04	45.6	0.030	0.008	0.064	

ConPorts Pty Ltd - 24 Hour Copper



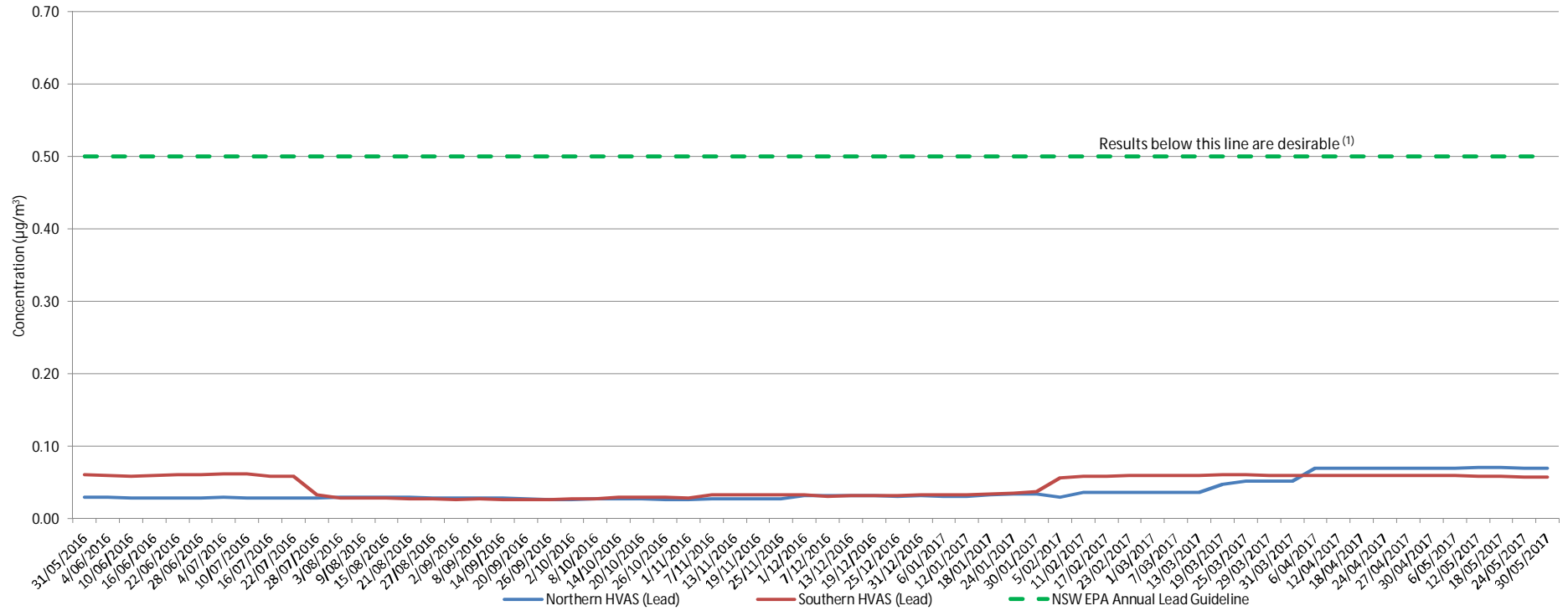
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



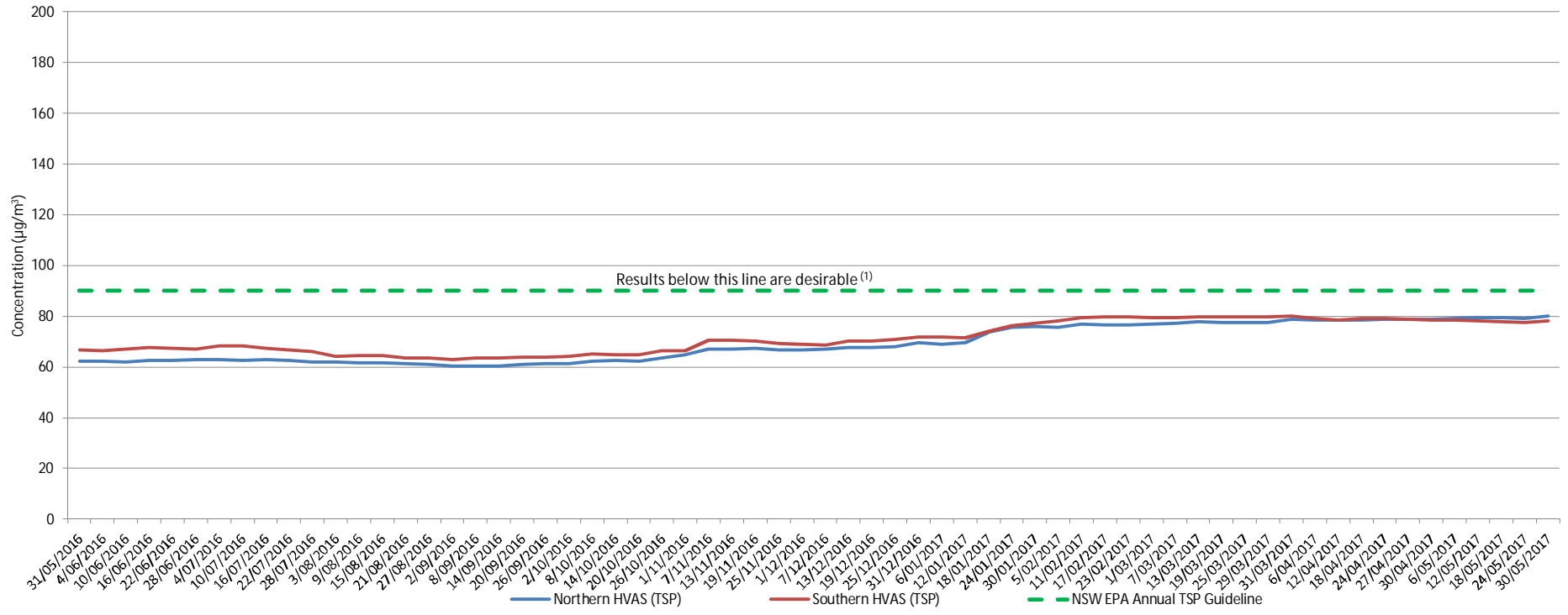
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

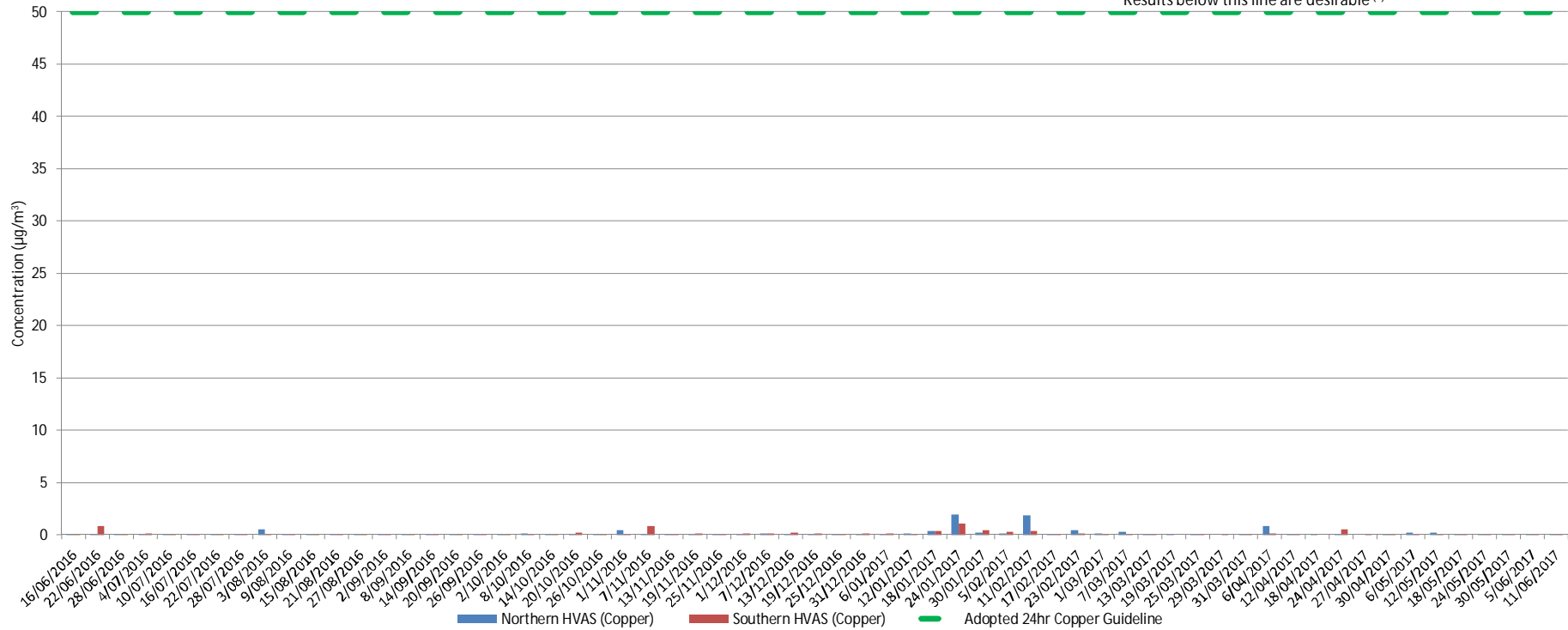
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
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7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

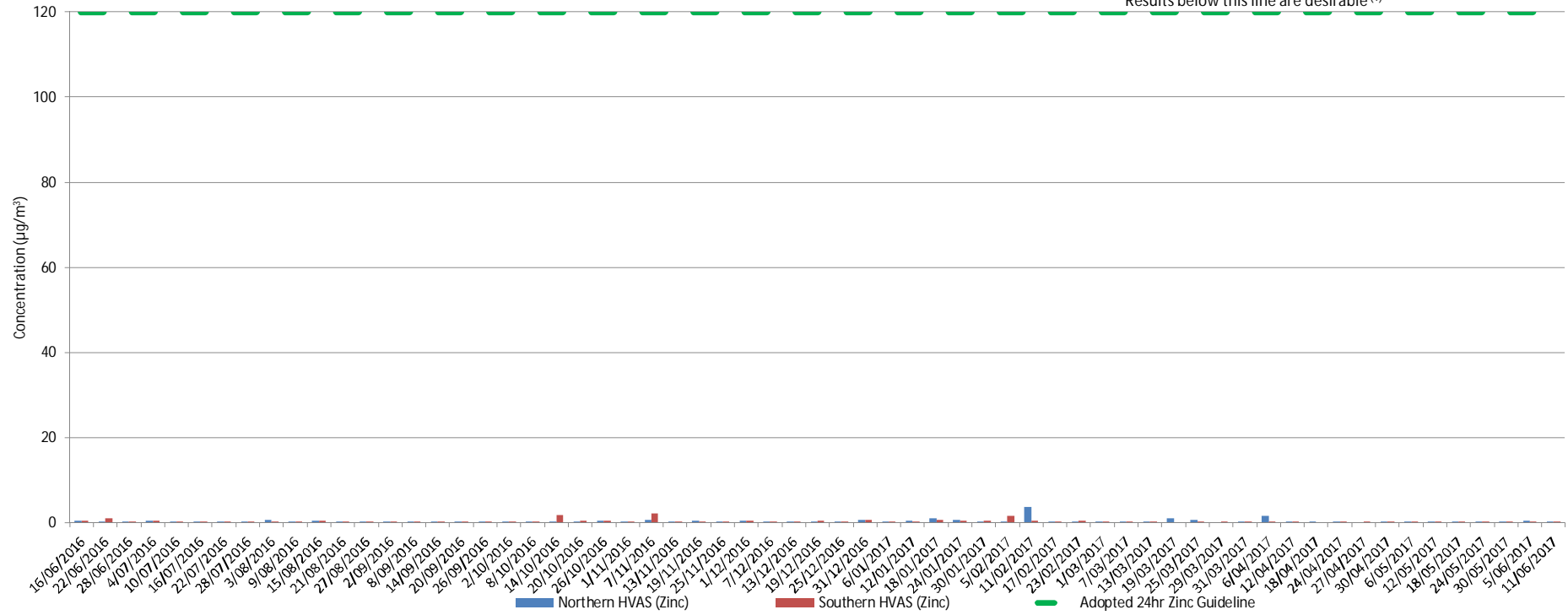
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	
10/06/2016	35.9	0.028	0.016	0.13	74.4	0.027	0.012	0.157	

ConPorts Pty Ltd - 24 Hour Copper



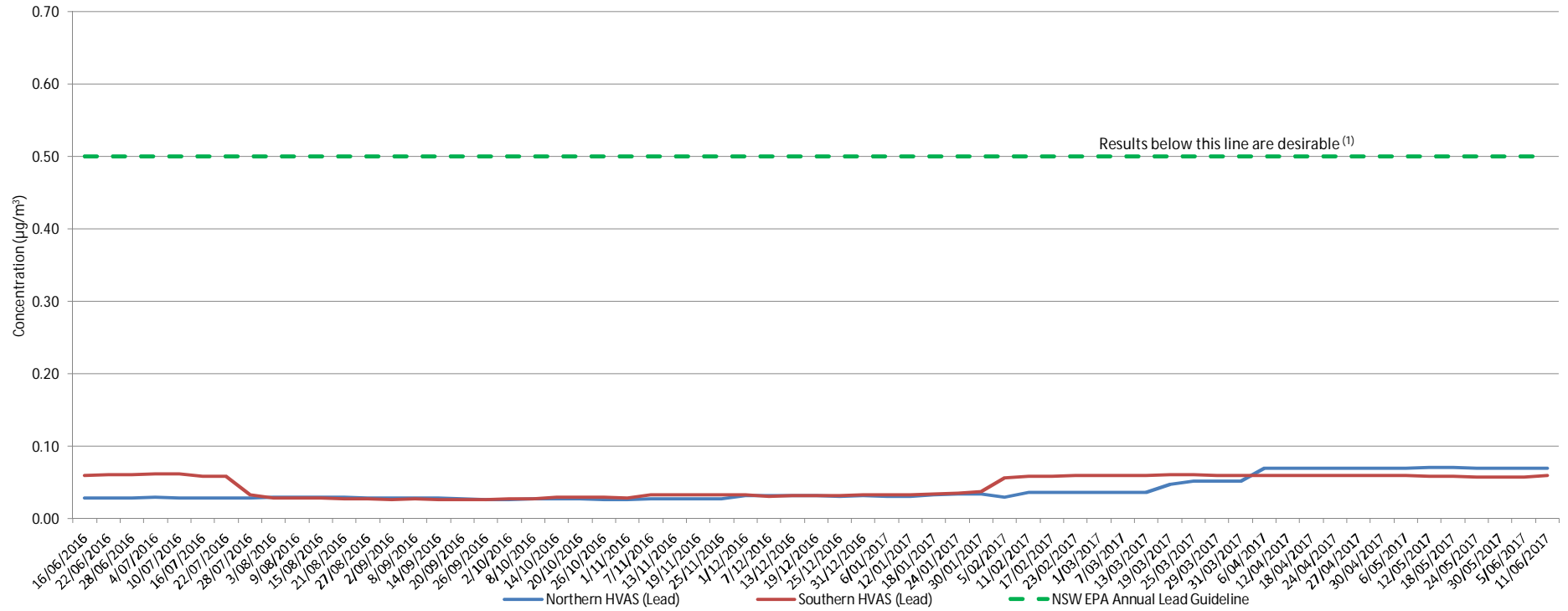
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



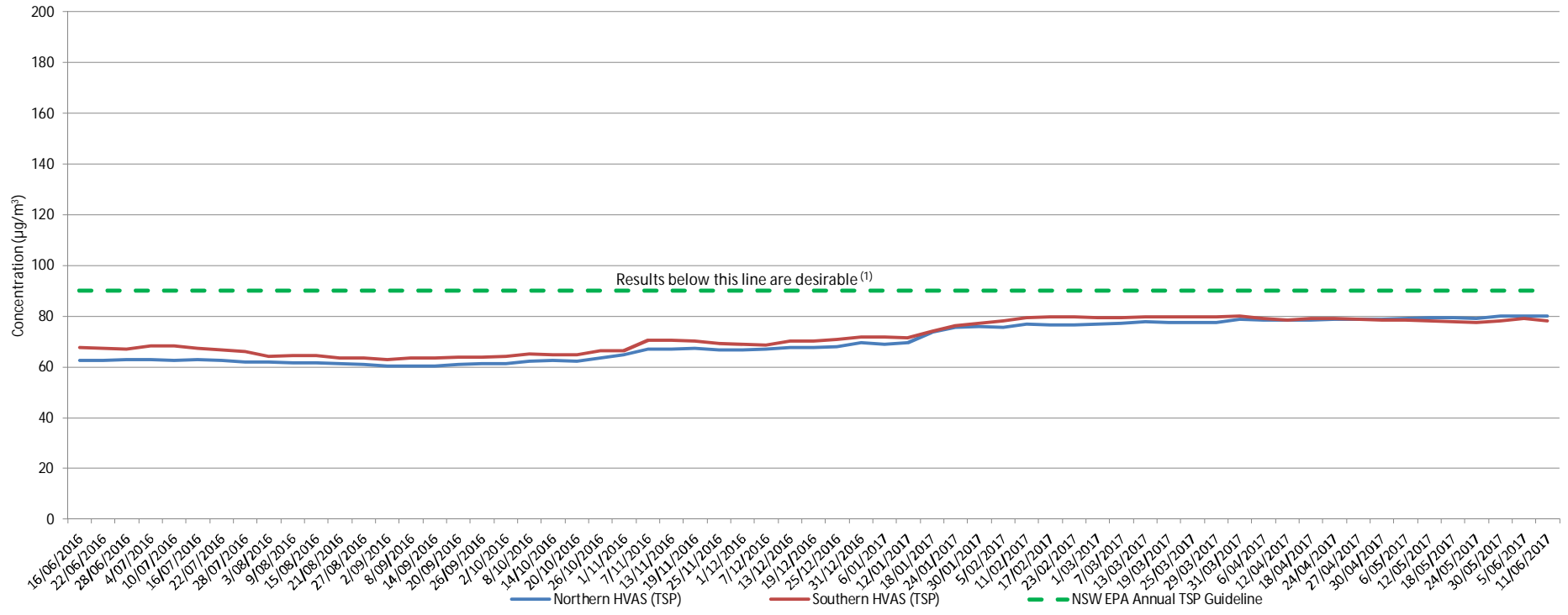
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

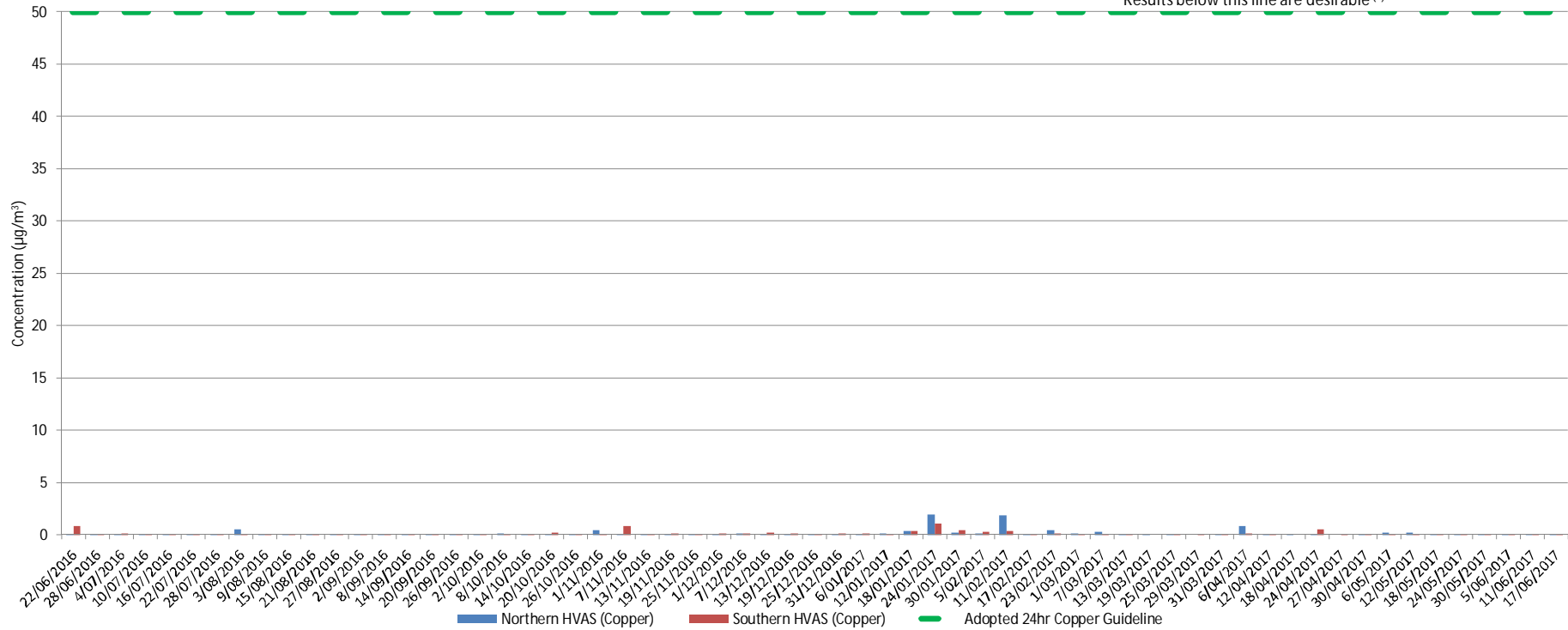
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
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25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
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13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
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1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

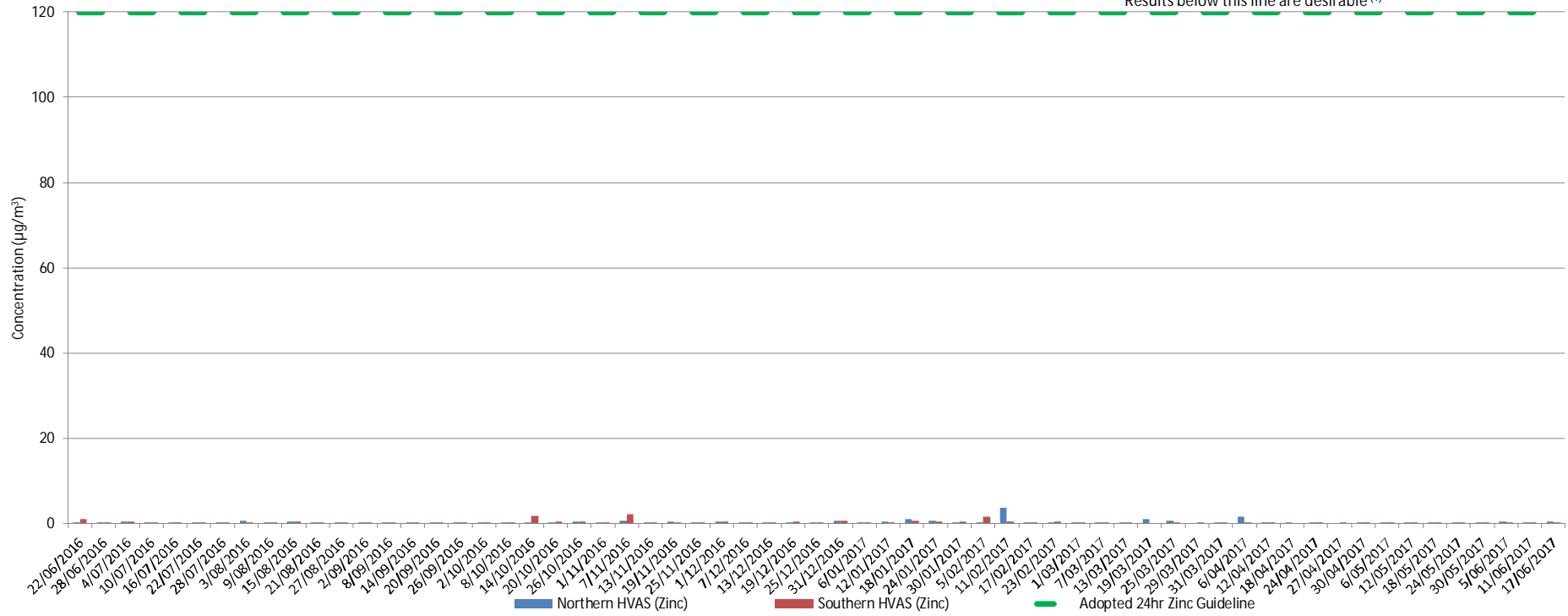
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
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27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	
16/06/2016	67.6	0.037	0.044	0.47	84.8	0.065	0.028	0.418	

ConPorts Pty Ltd - 24 Hour Copper



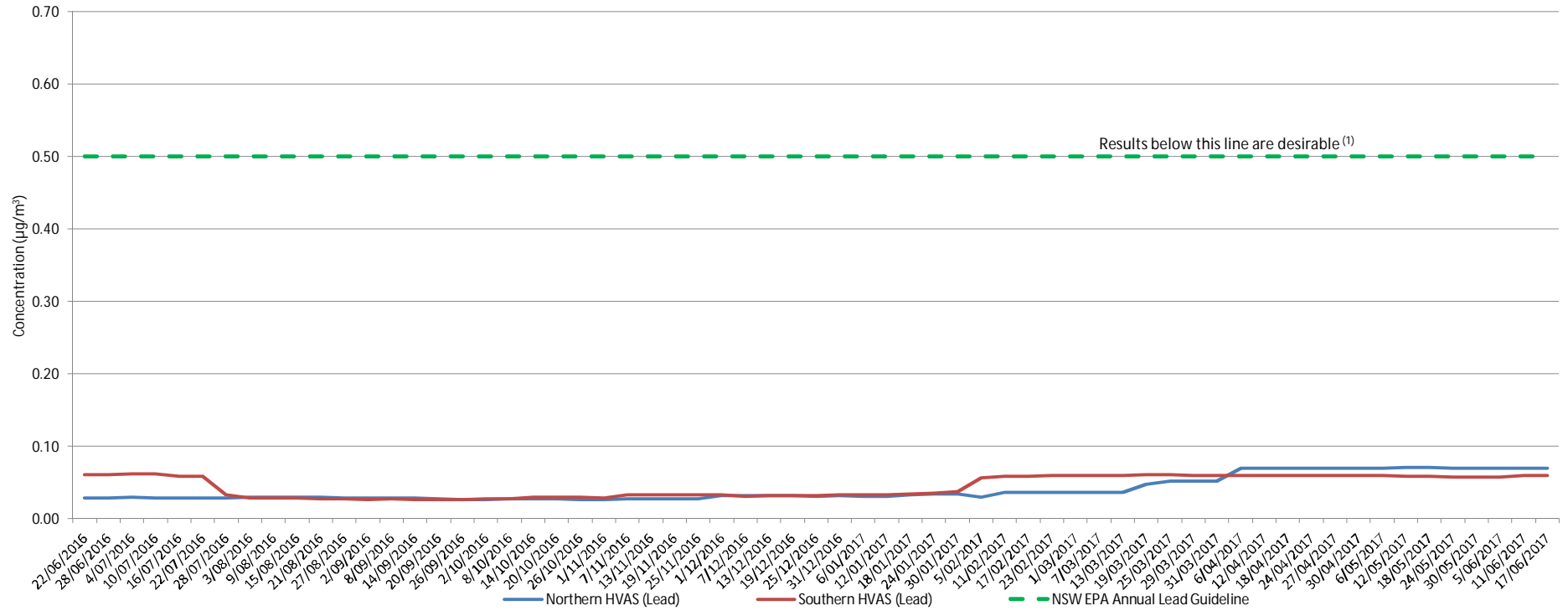
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



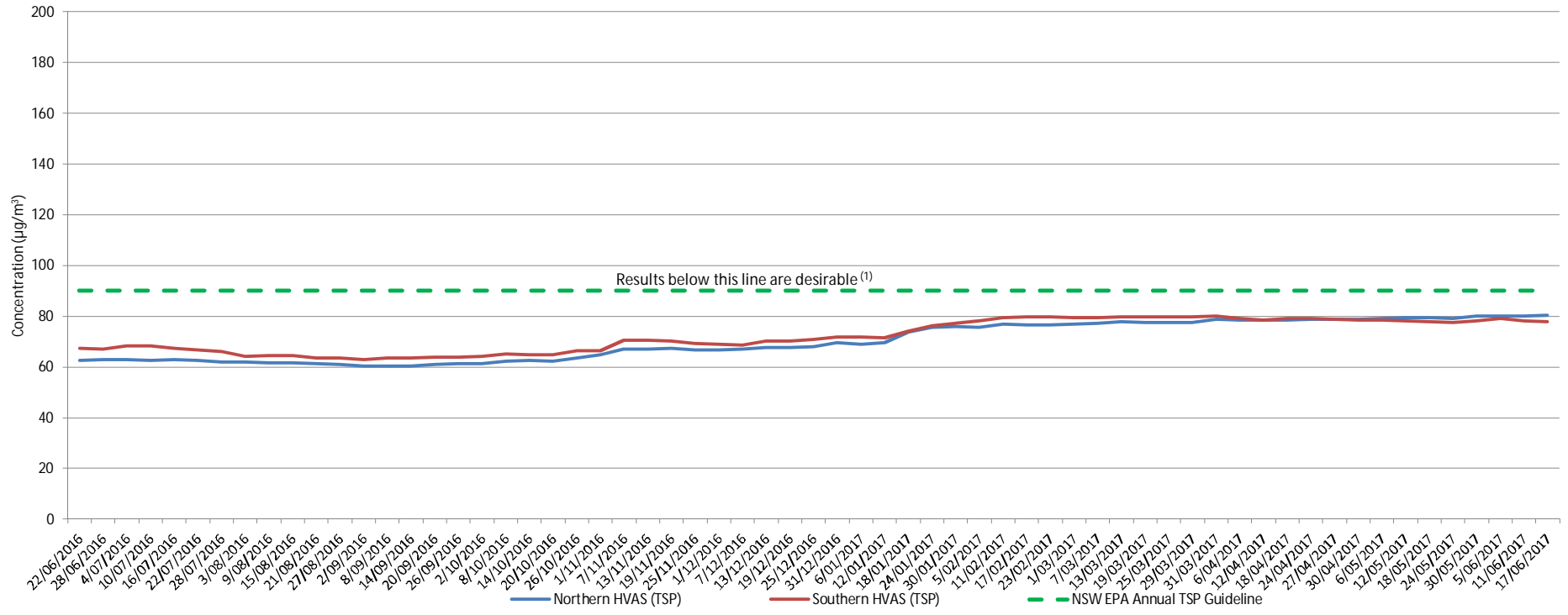
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

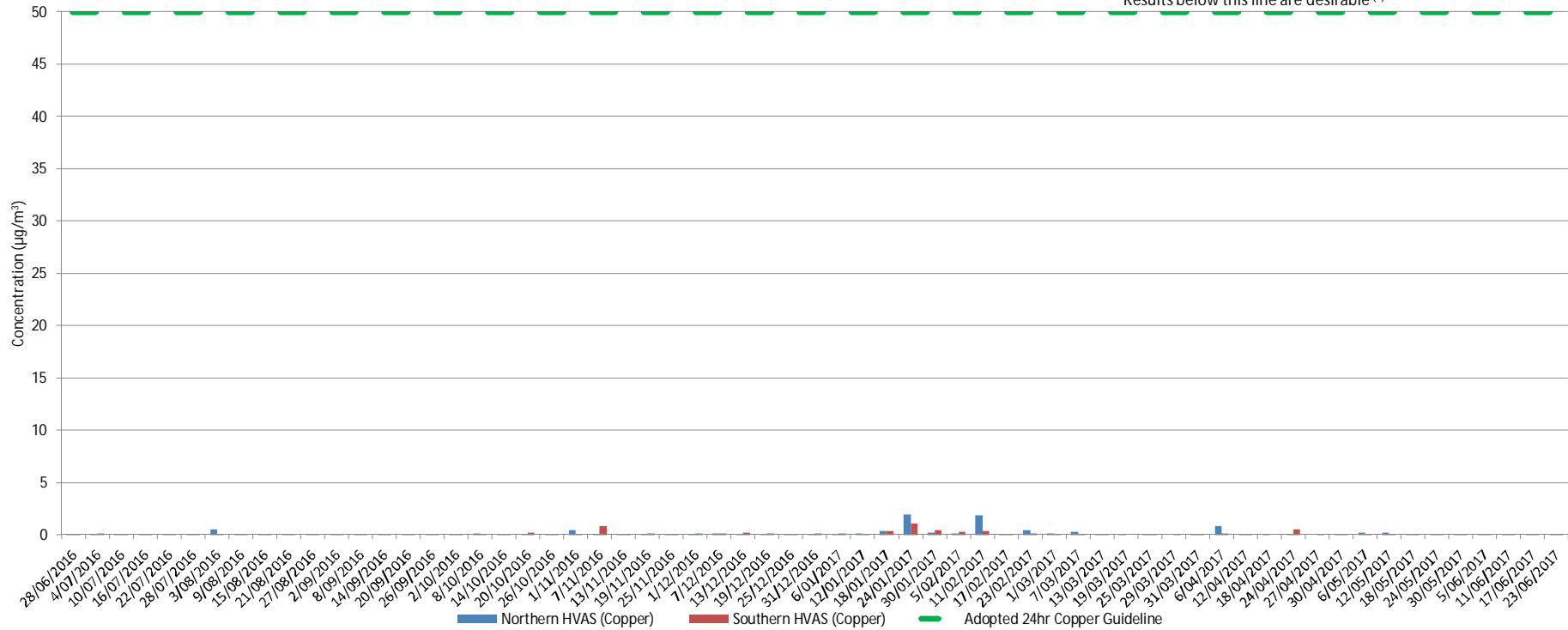
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

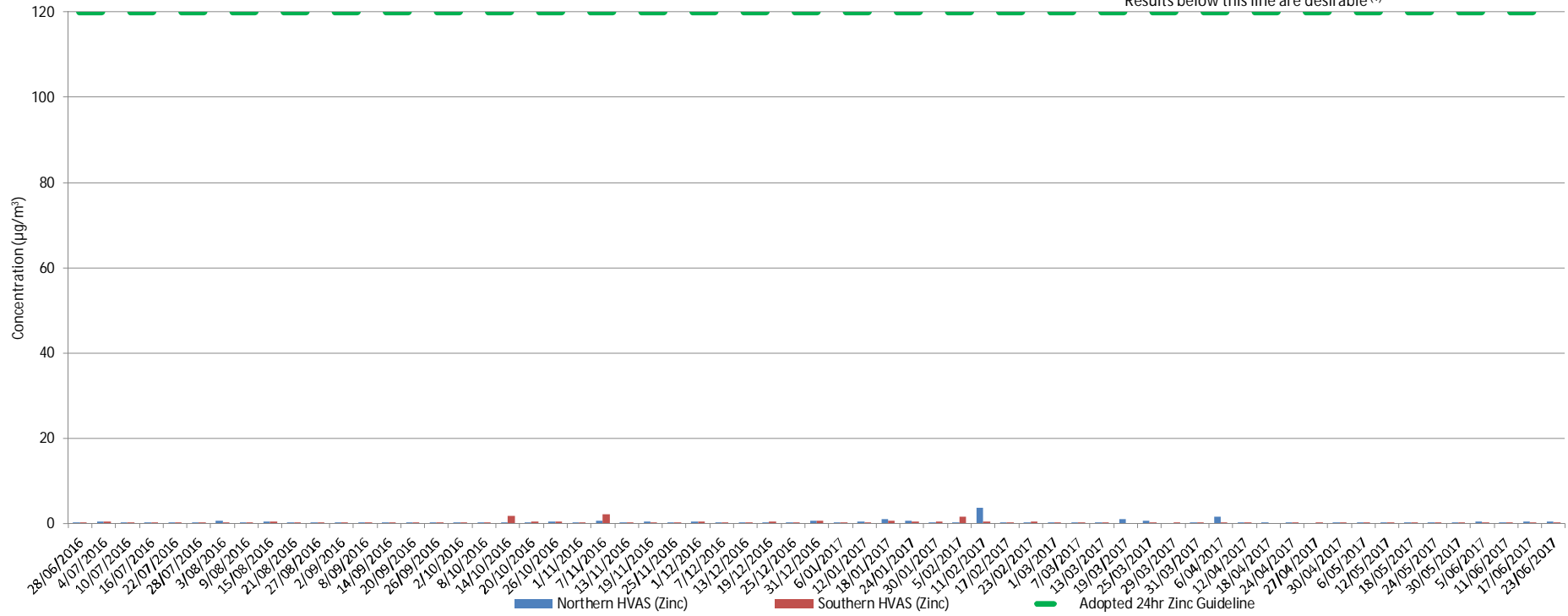
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	
22/06/2016	37.7	0.023	0.009	0.15	46.8	0.877	0.131	0.985	

ConPorts Pty Ltd - 24 Hour Copper



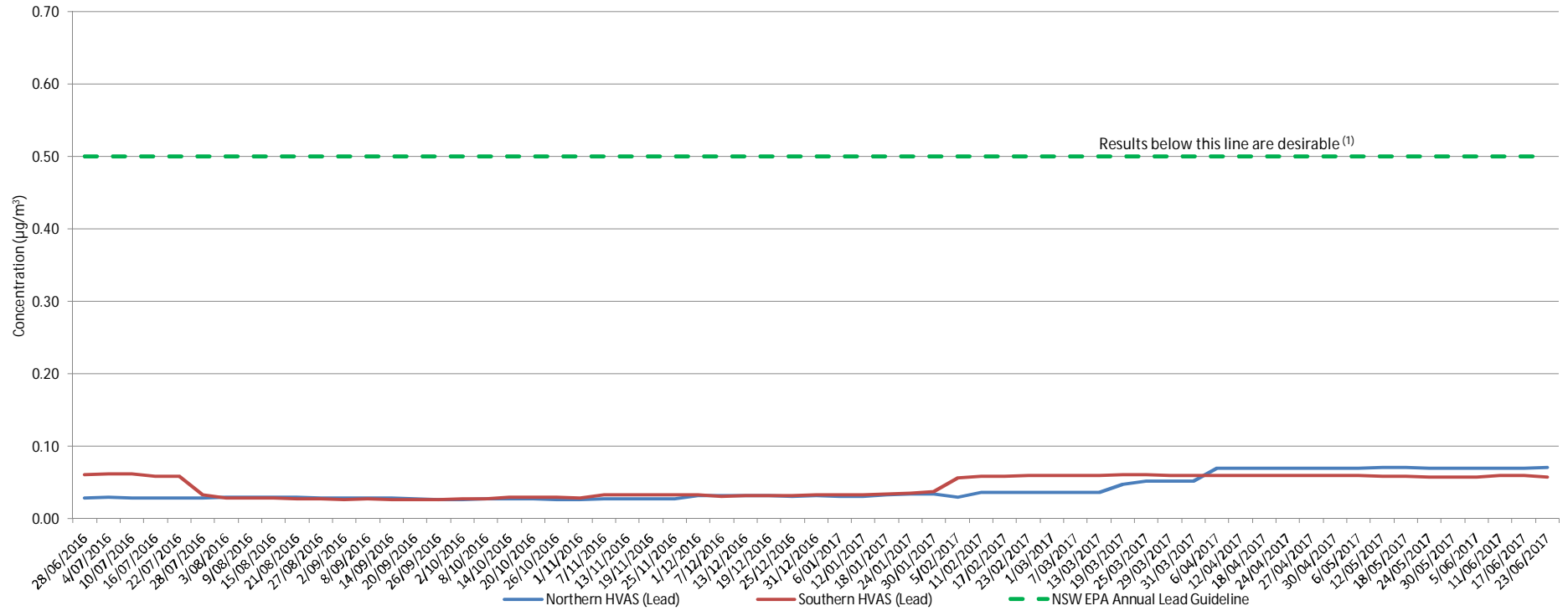
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



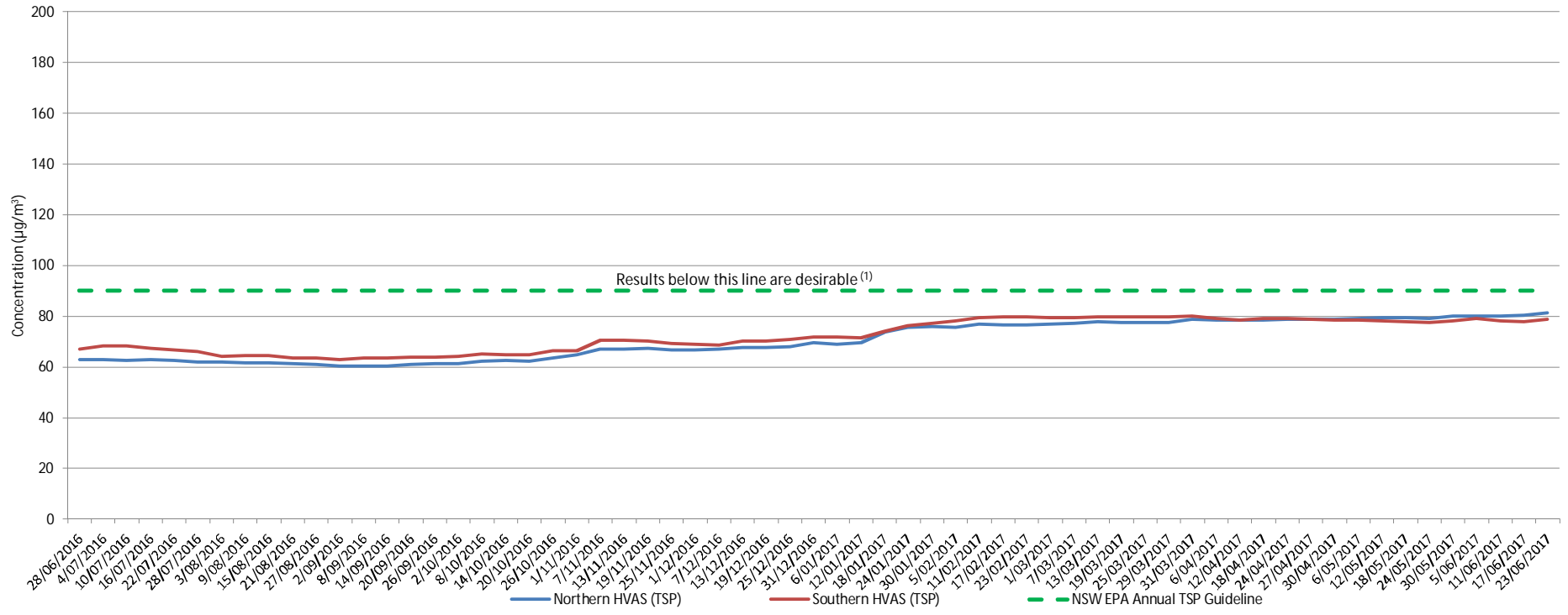
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

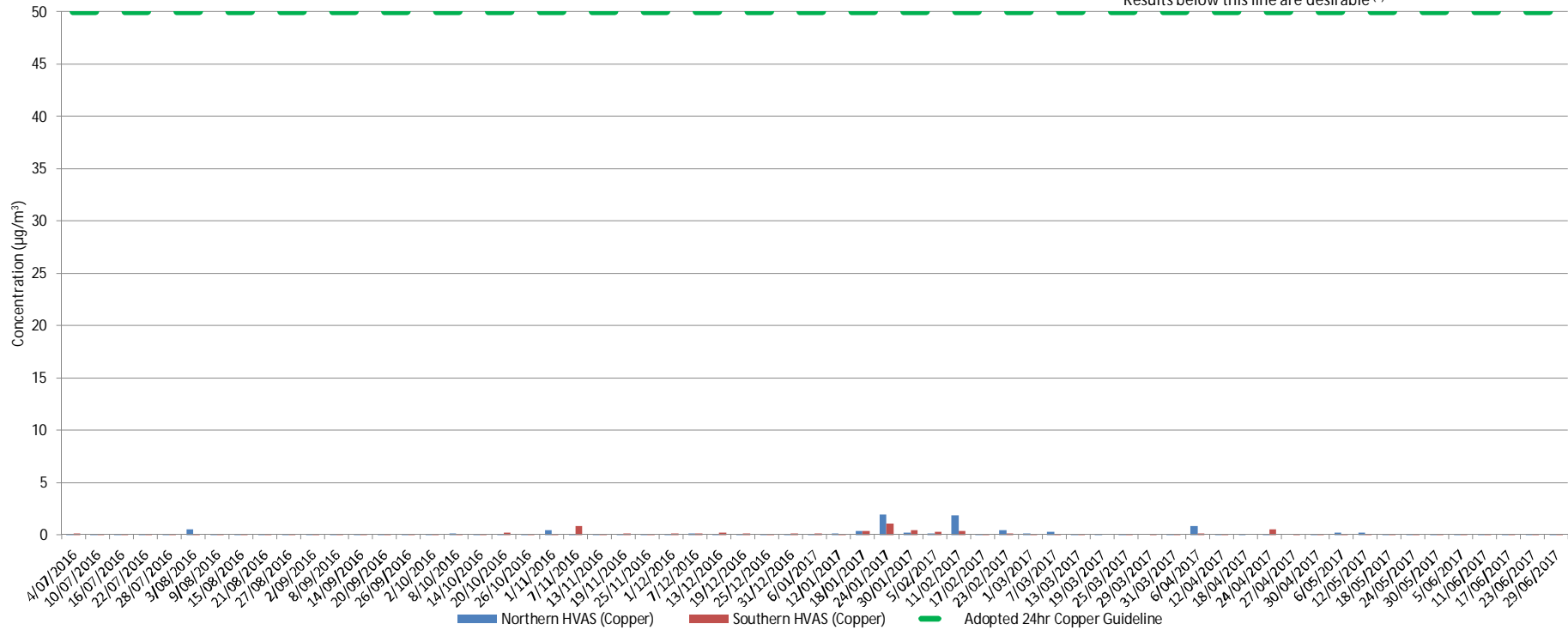
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

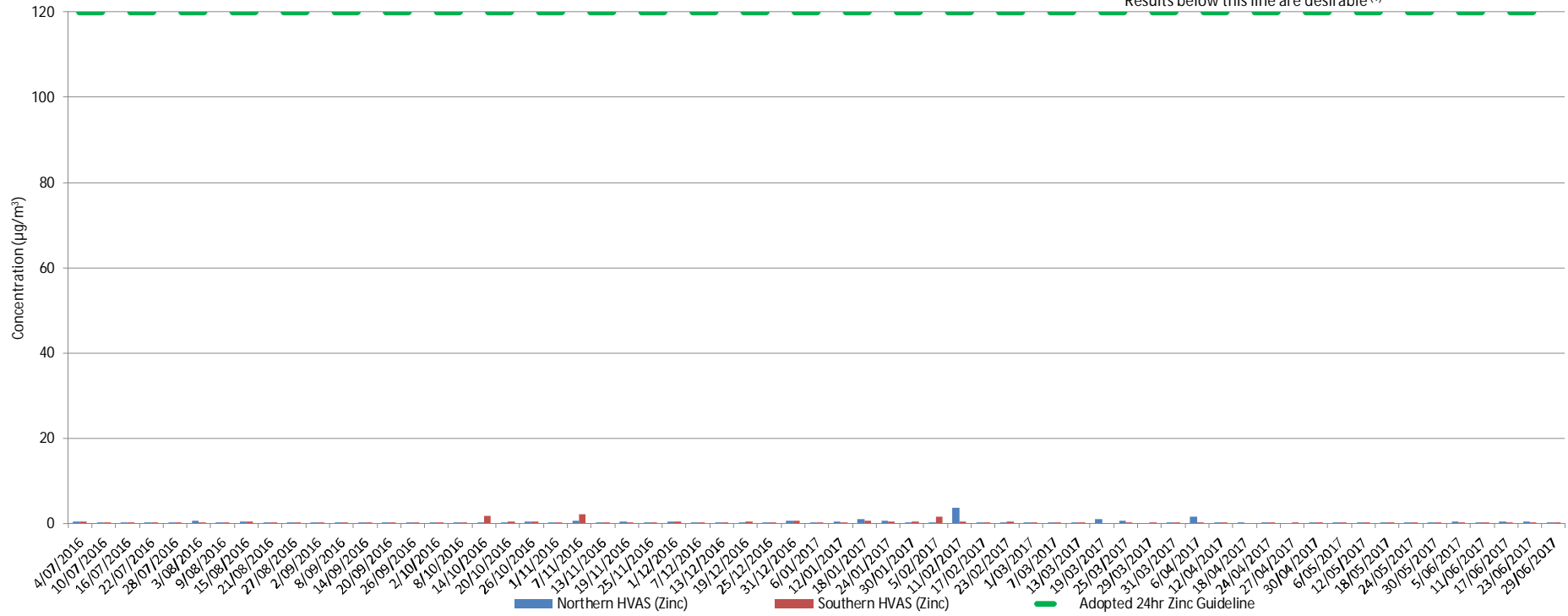
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	
28/06/2016	65.2	0.038	0.027	0.18	30.8	0.050	0.018	0.082	

ConPorts Pty Ltd - 24 Hour Copper



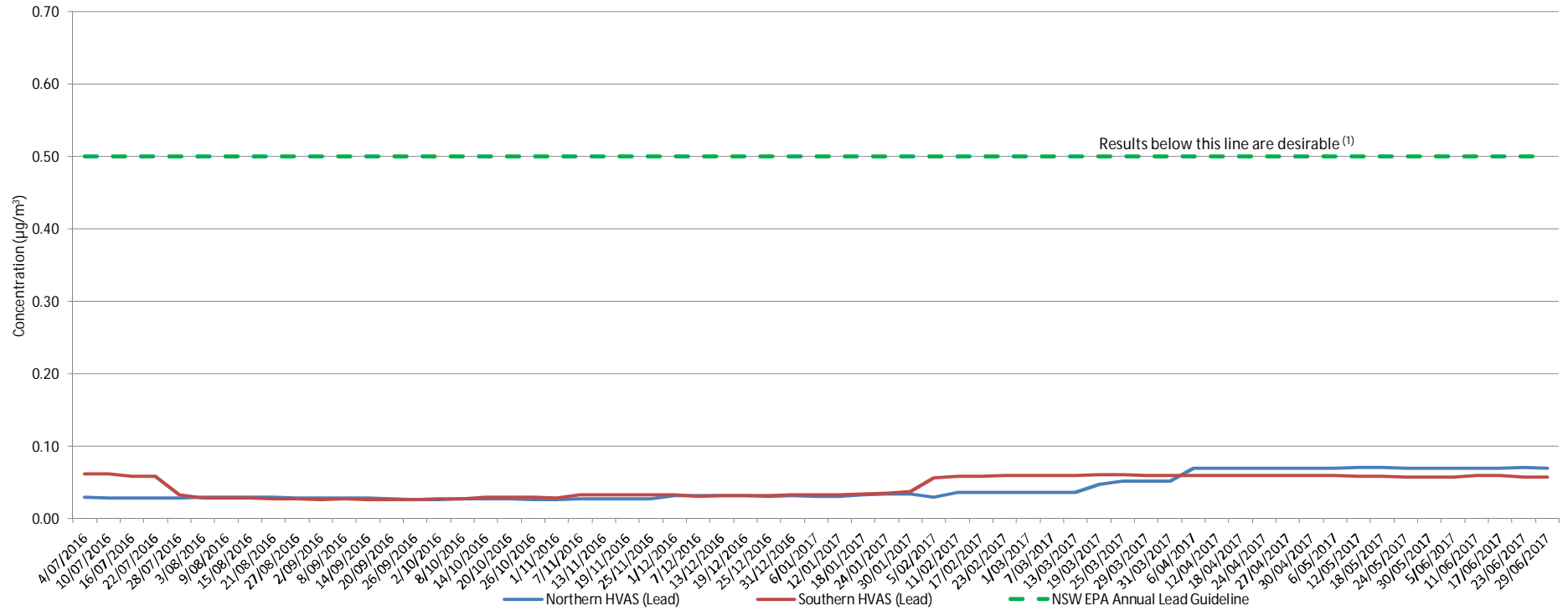
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



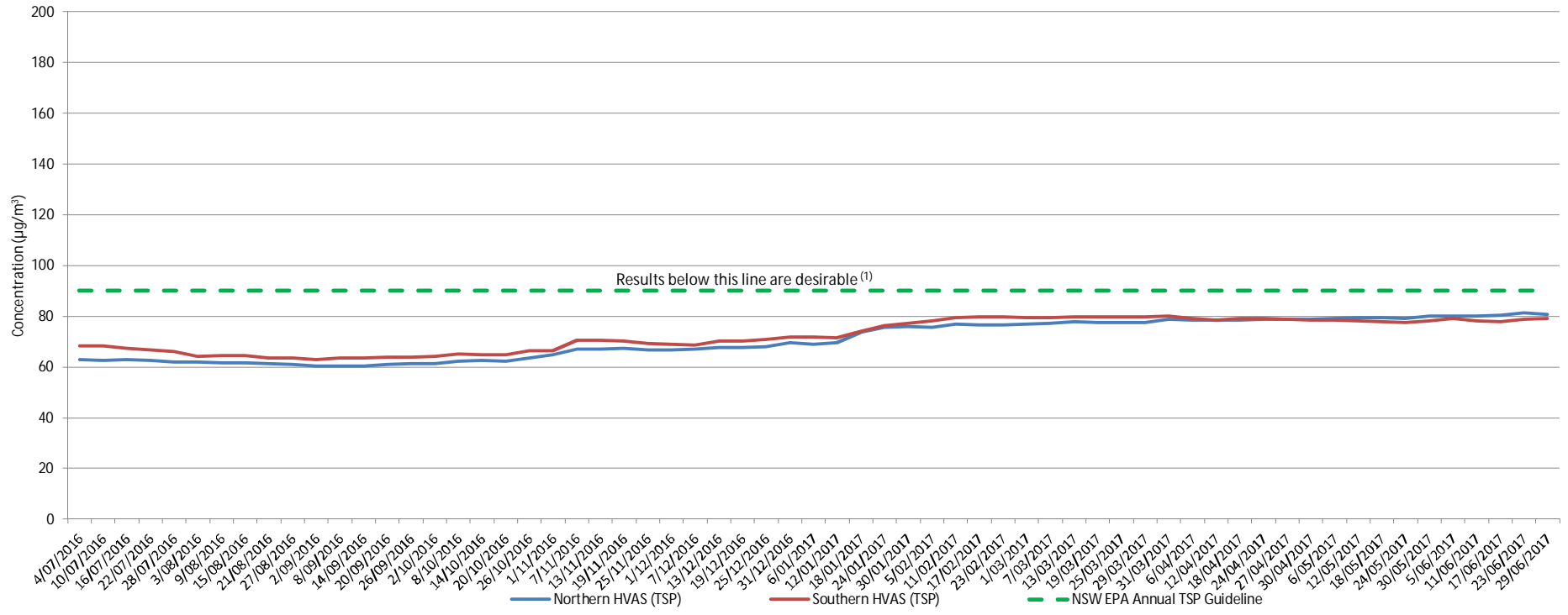
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



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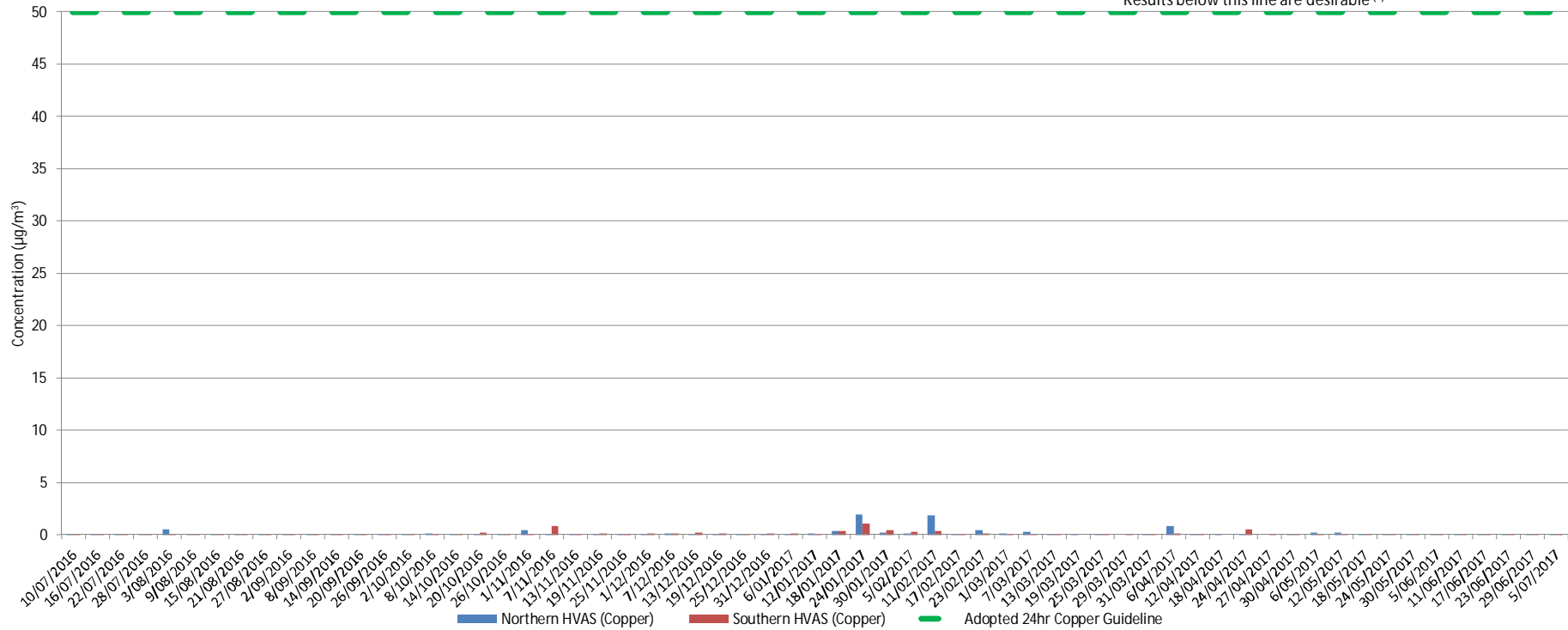
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
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30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
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31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
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23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
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1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

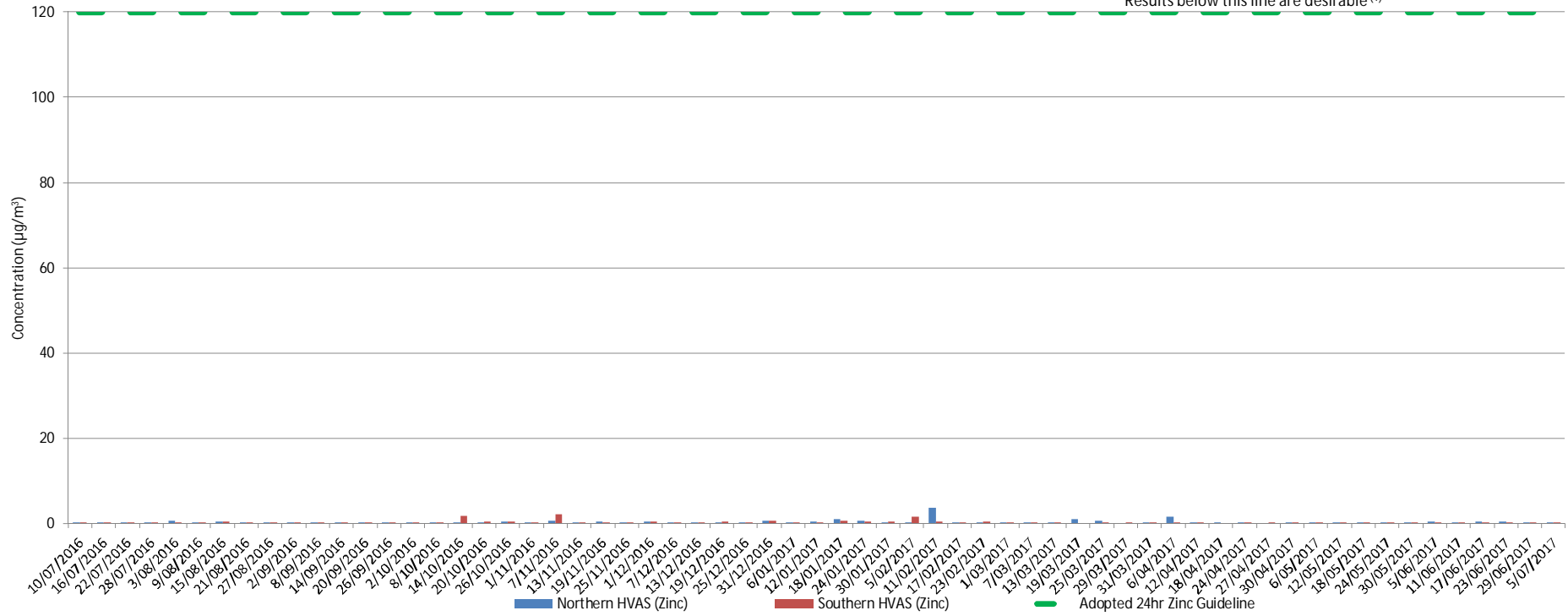
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	
4/07/2016	77.6	0.035	0.044	0.36	140.0	0.109	0.054	0.384	

ConPorts Pty Ltd - 24 Hour Copper



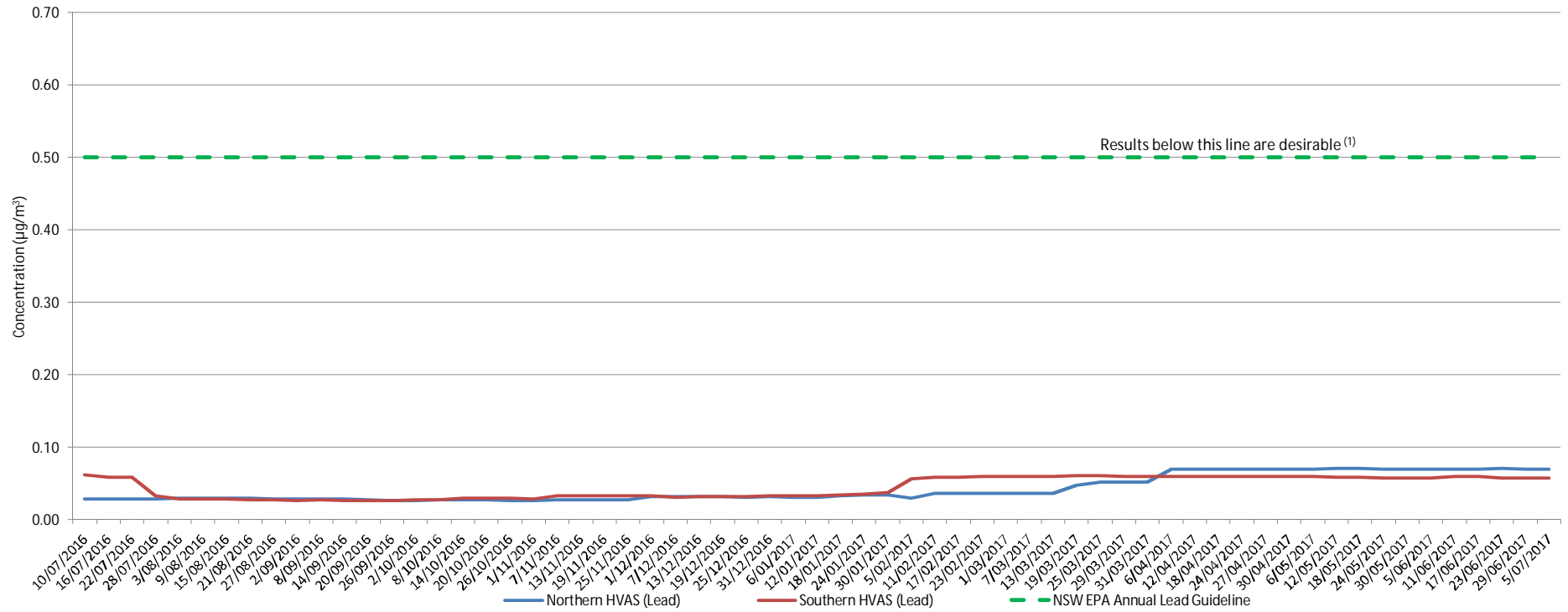
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



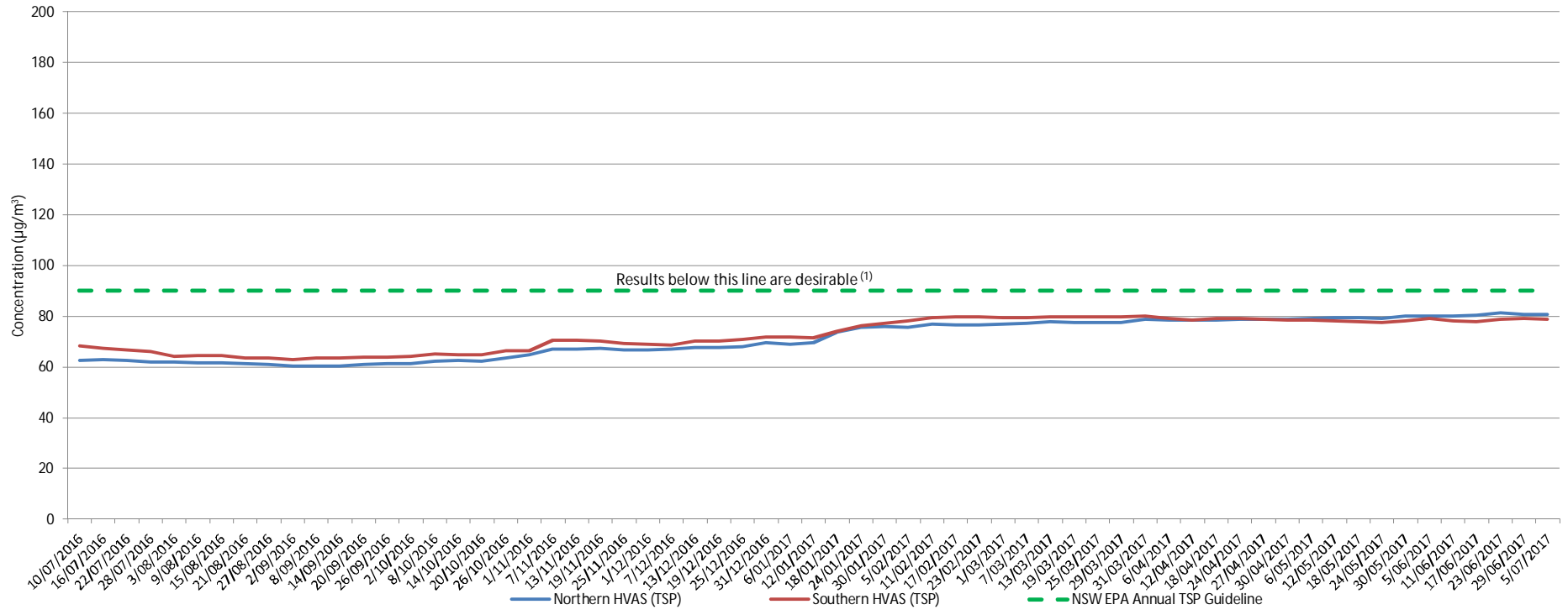
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

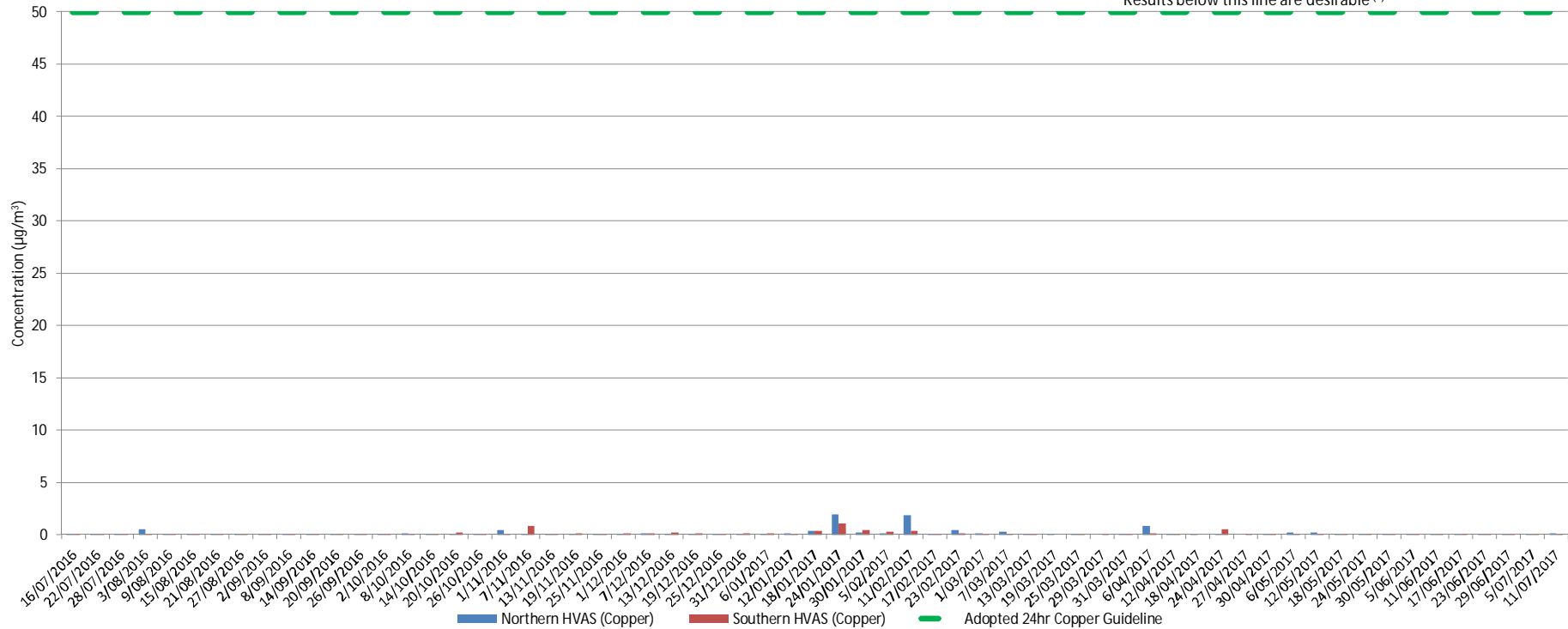
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

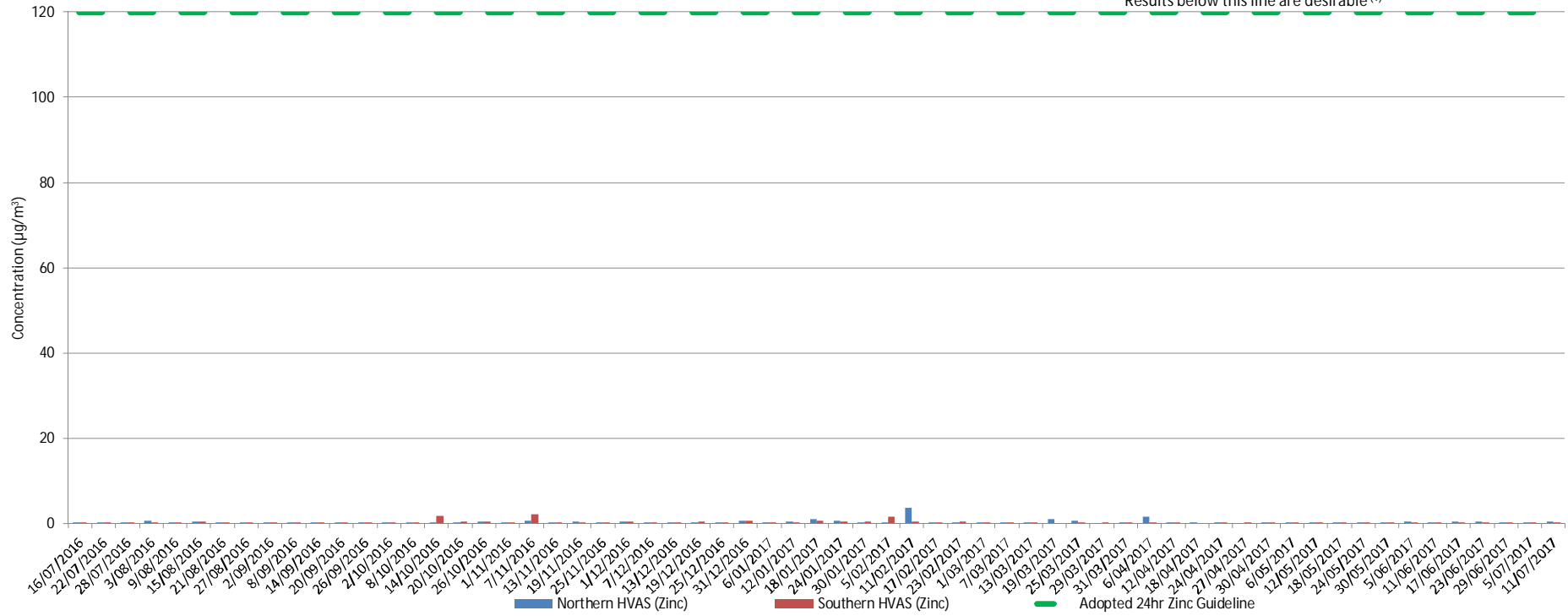
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	
10/07/2016	54.7	0.014	0.011	0.06	62.4	0.024	0.013	0.055	

ConPorts Pty Ltd - 24 Hour Copper



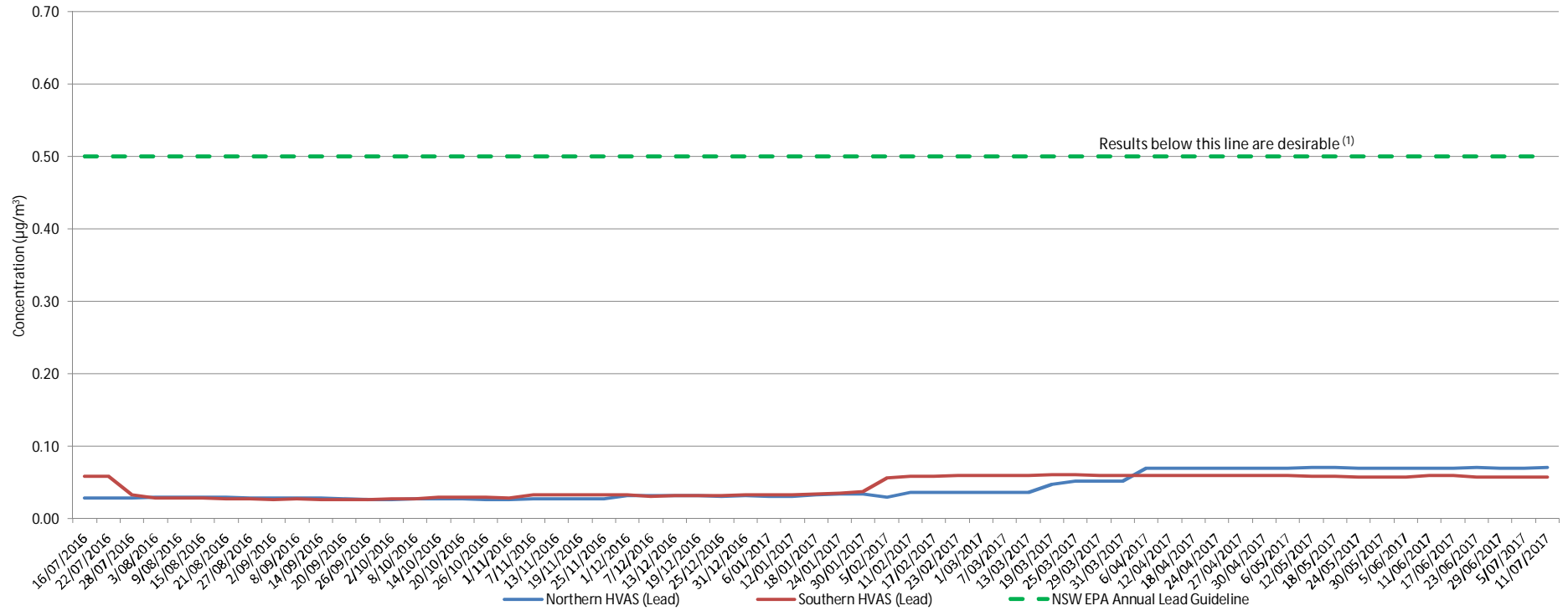
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



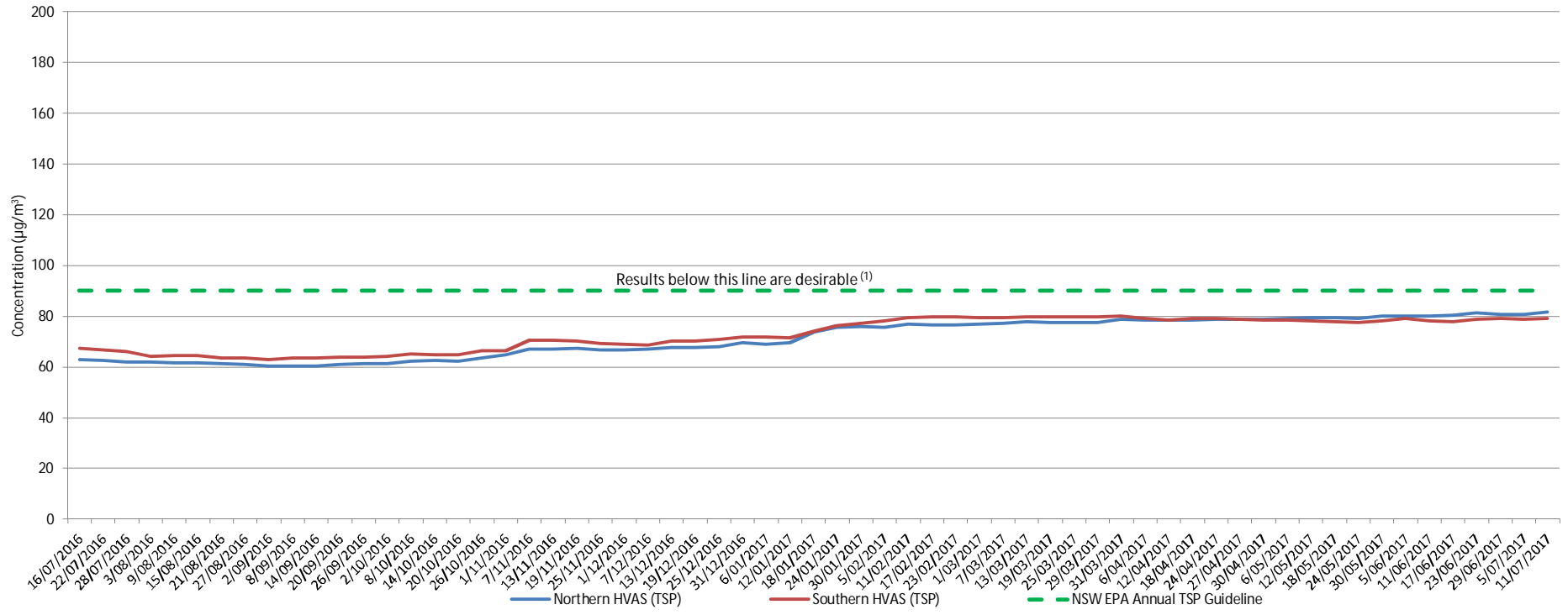
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

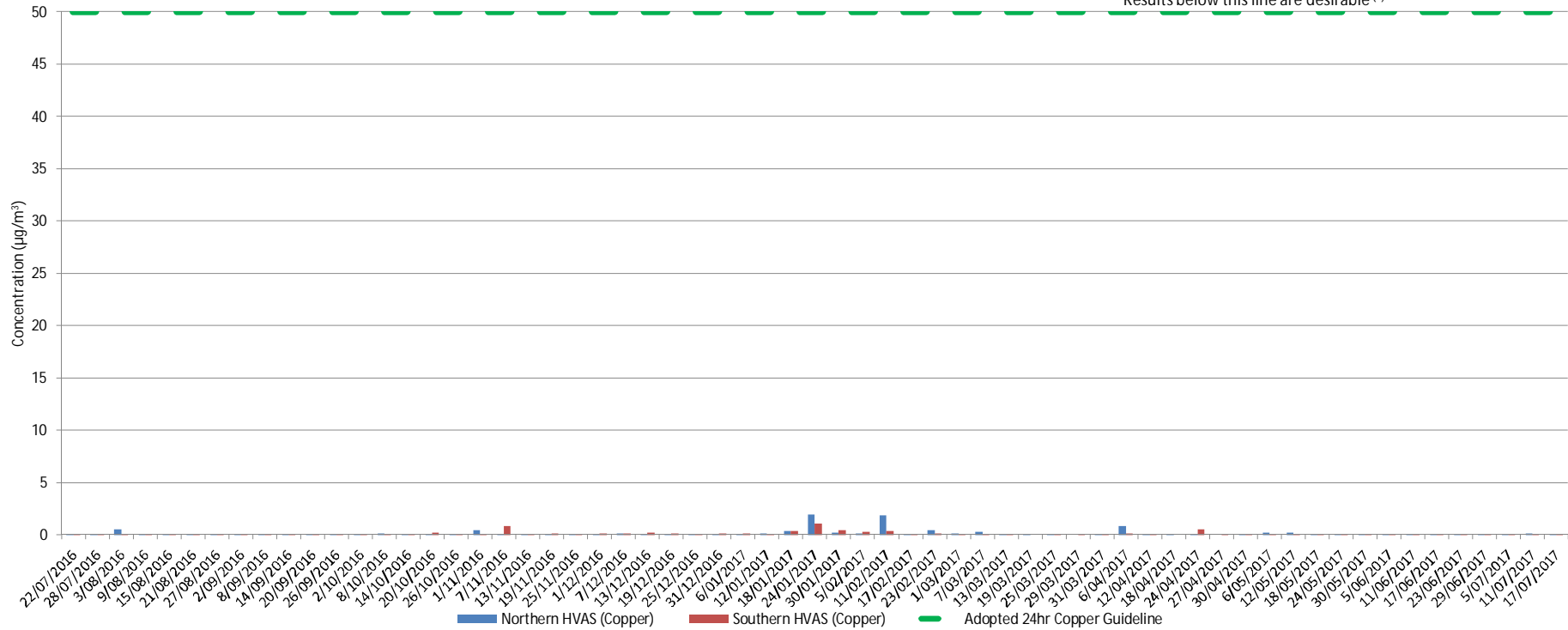
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

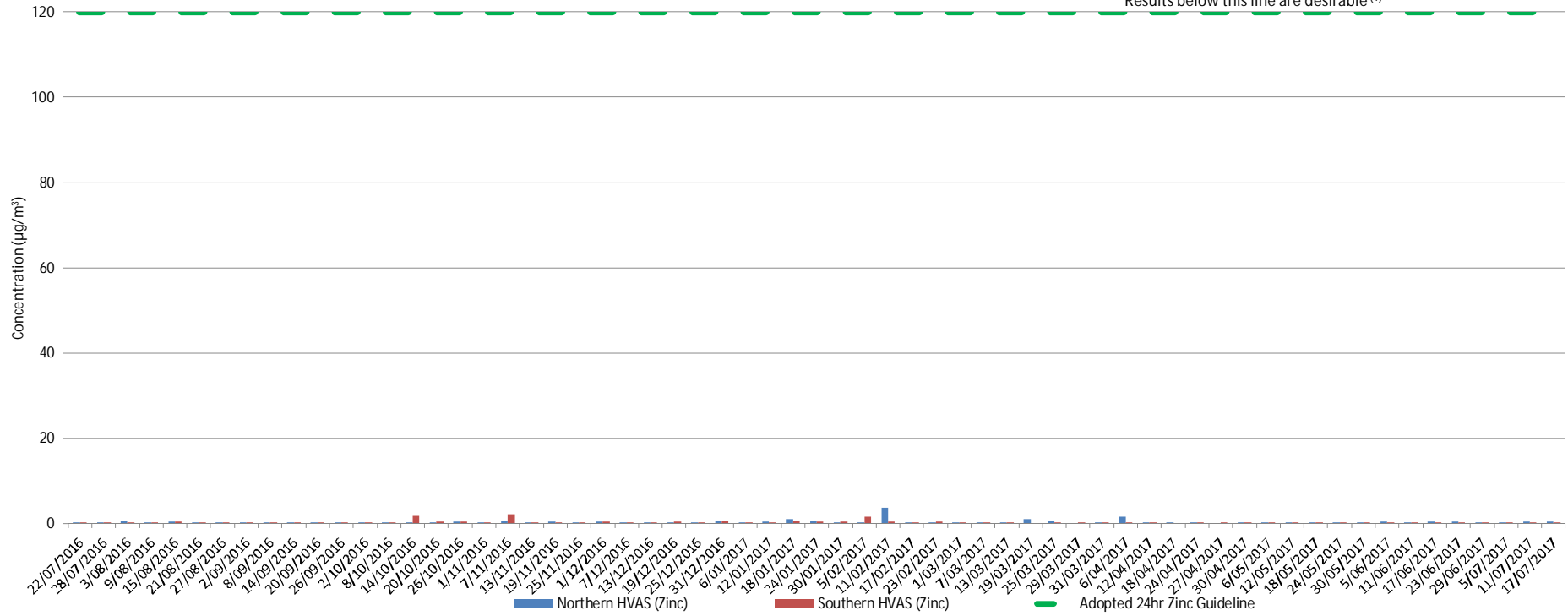
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	
16/07/2016	69.9	0.028	0.022	0.27	48.5	0.015	0.014	0.144	

ConPorts Pty Ltd - 24 Hour Copper



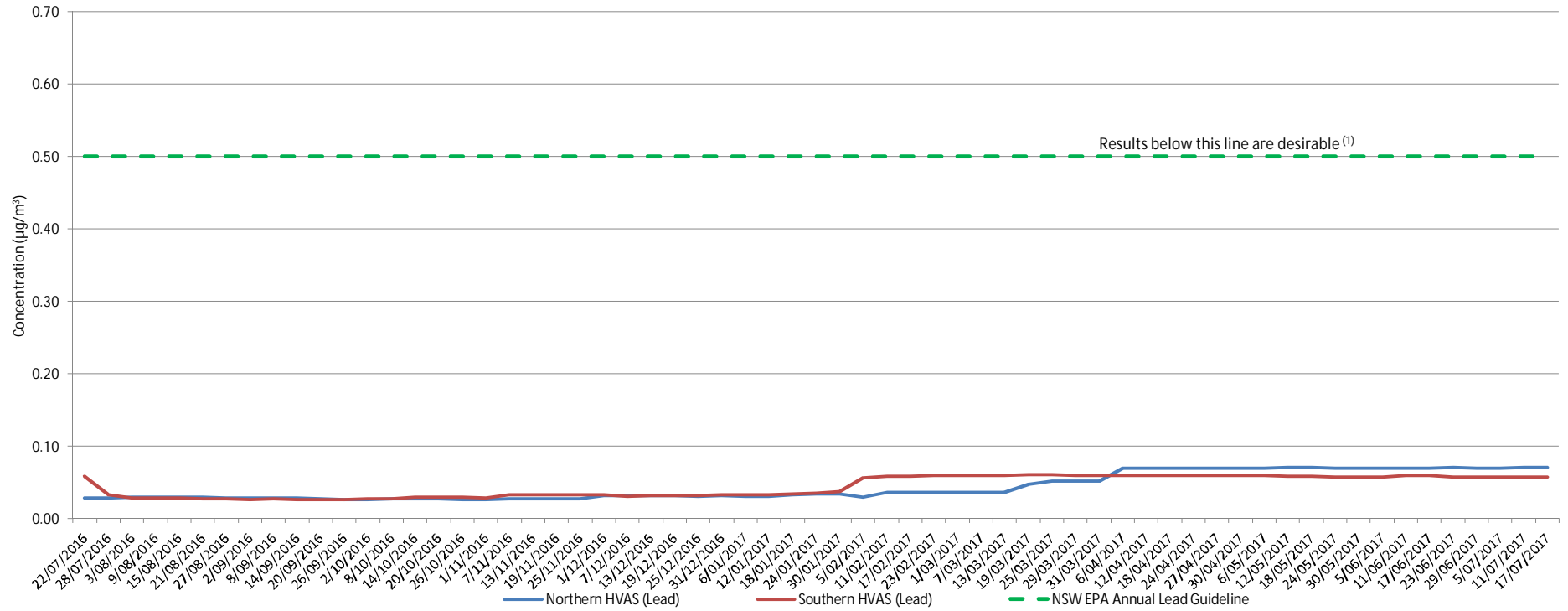
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



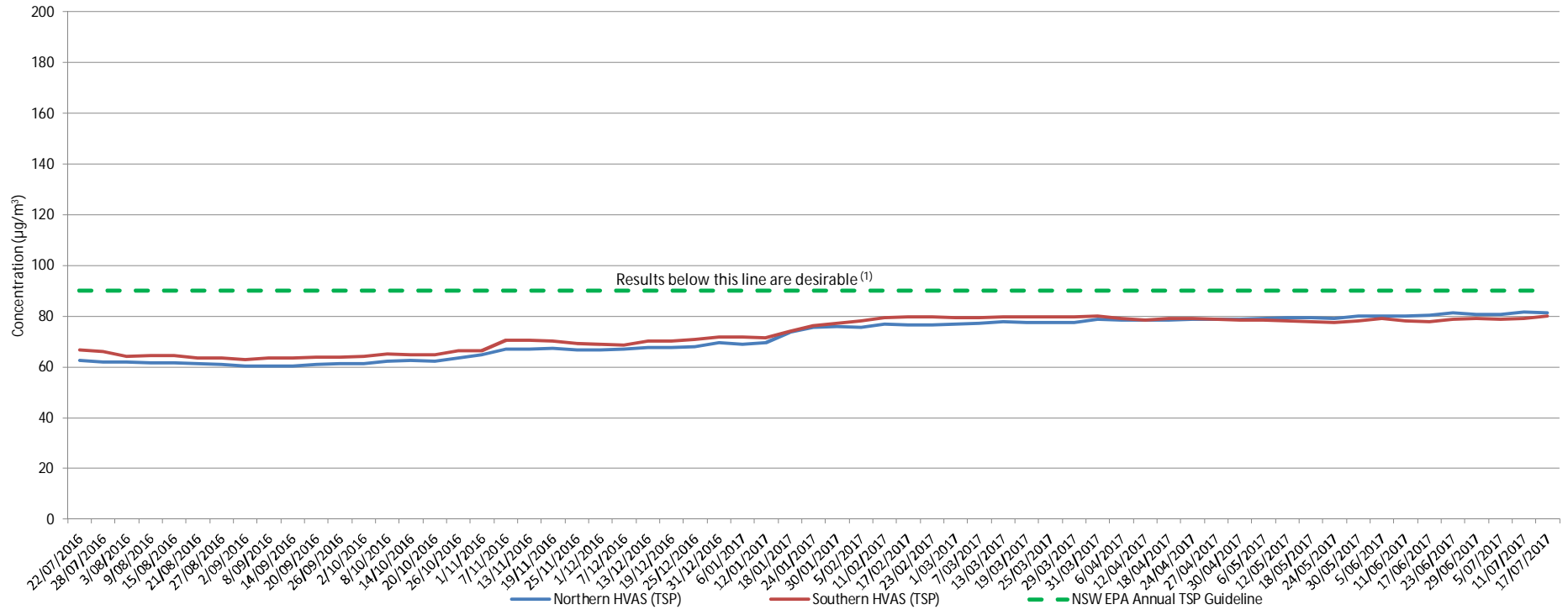
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

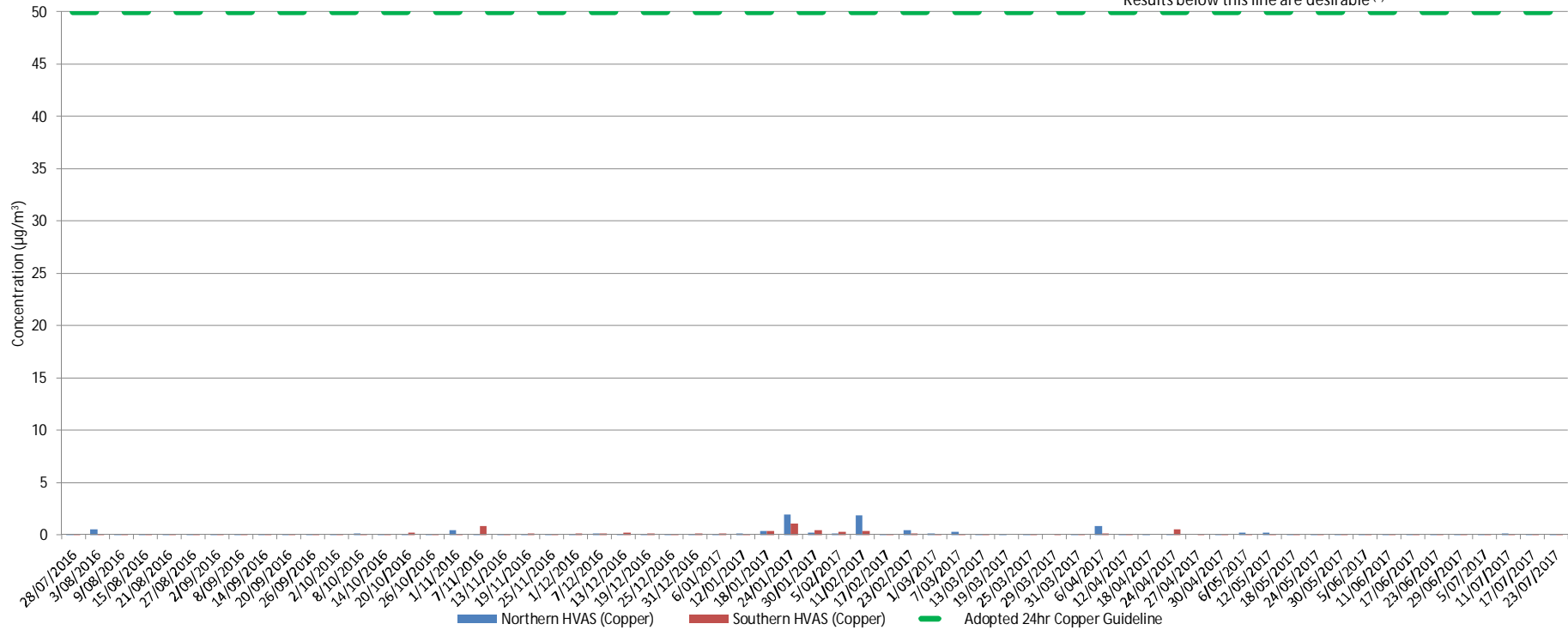
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

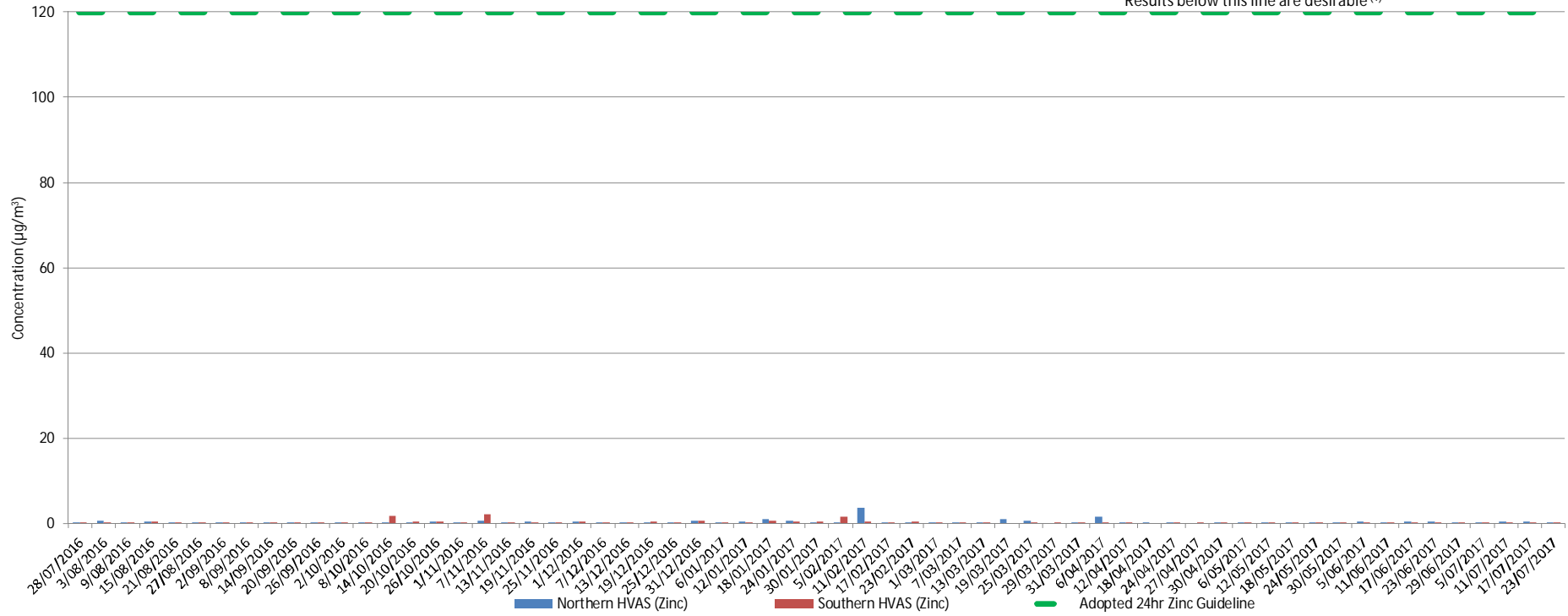
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	
22/07/2016	47.2	0.016	0.020	0.18	40.5	0.033	0.017	0.112	

ConPorts Pty Ltd - 24 Hour Copper



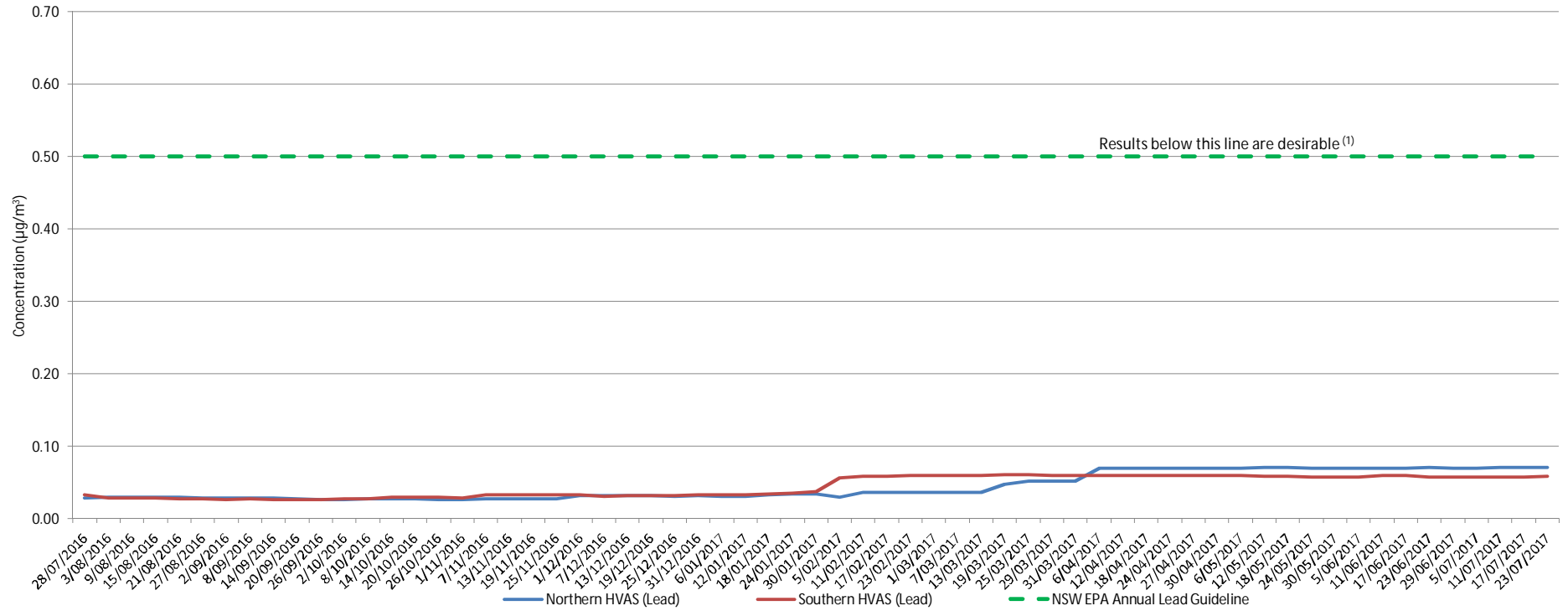
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



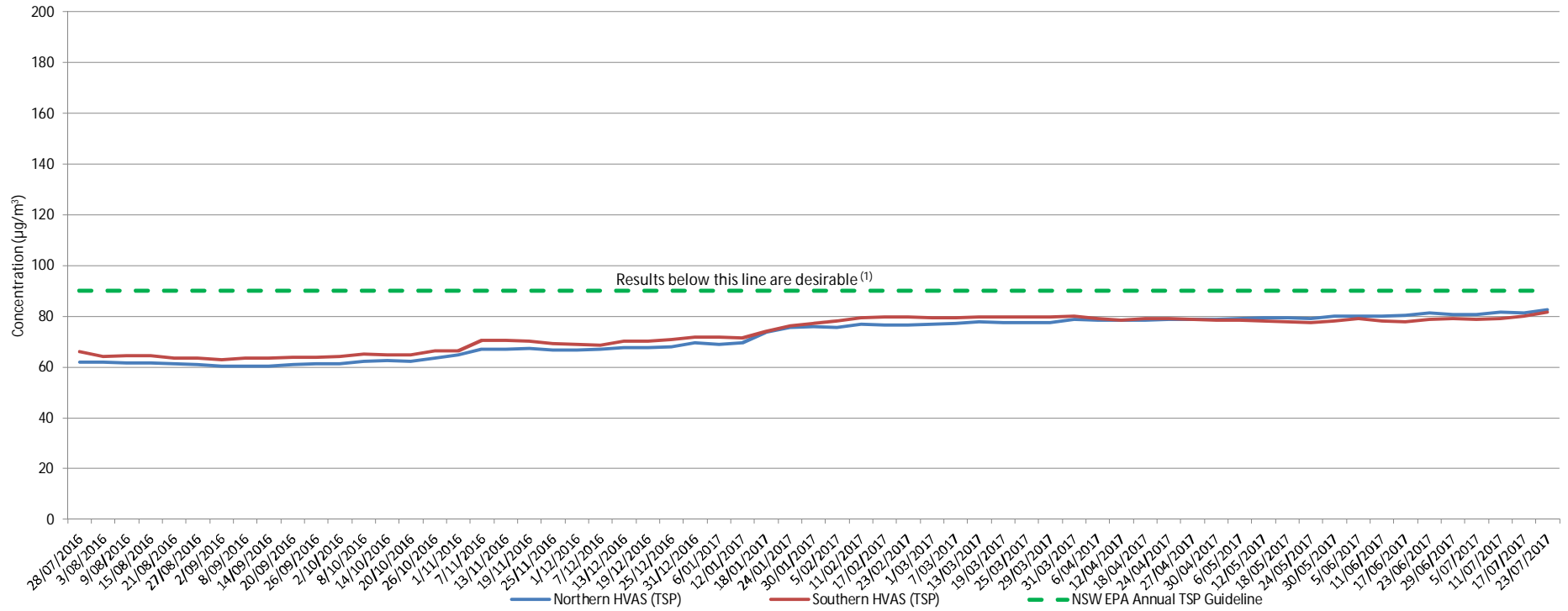
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

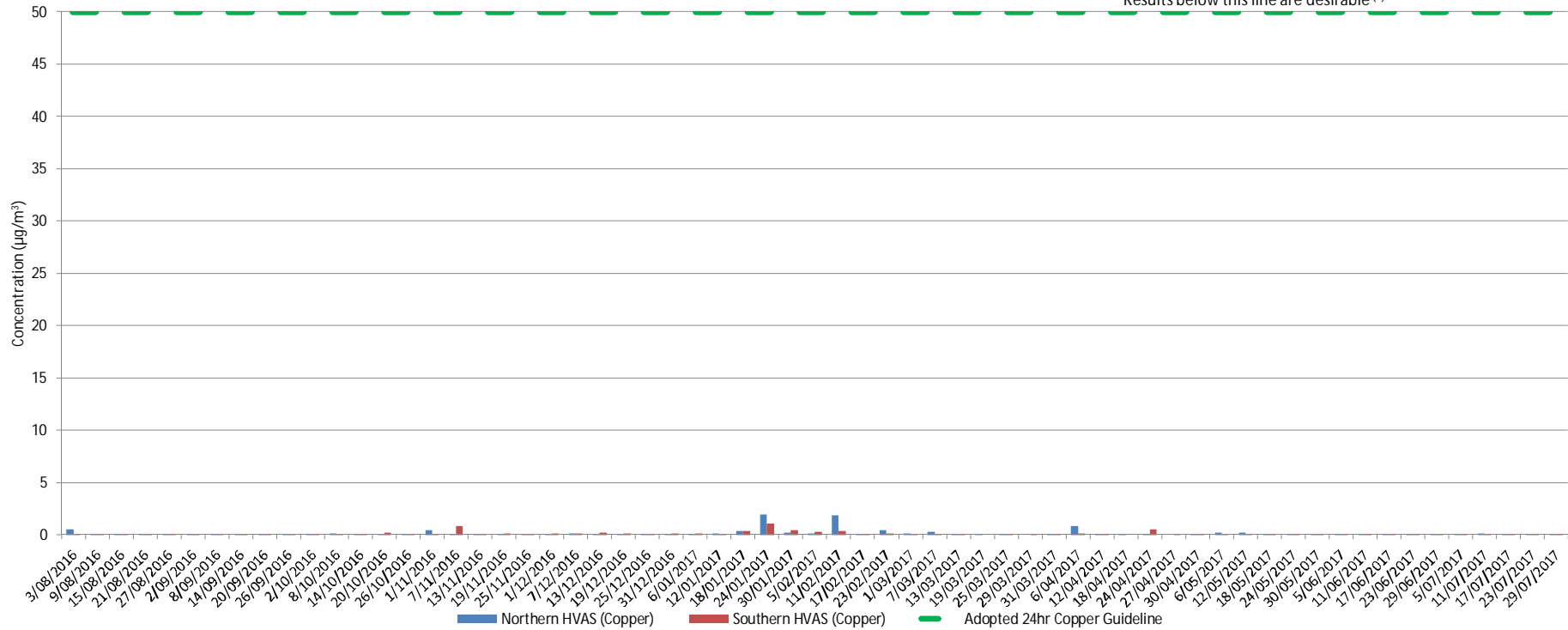
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

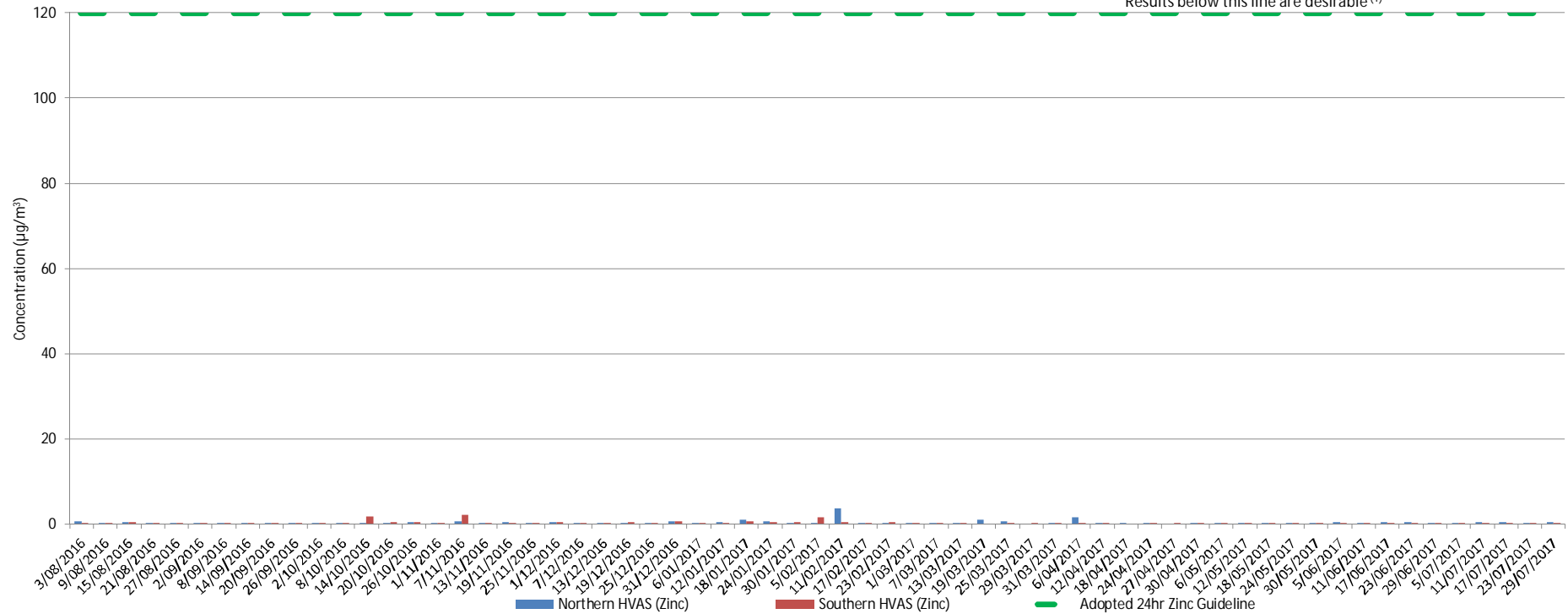
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	
28/07/2016	37.8	0.017	0.010	0.15	62.7	0.071	0.023	0.178	

ConPorts Pty Ltd - 24 Hour Copper



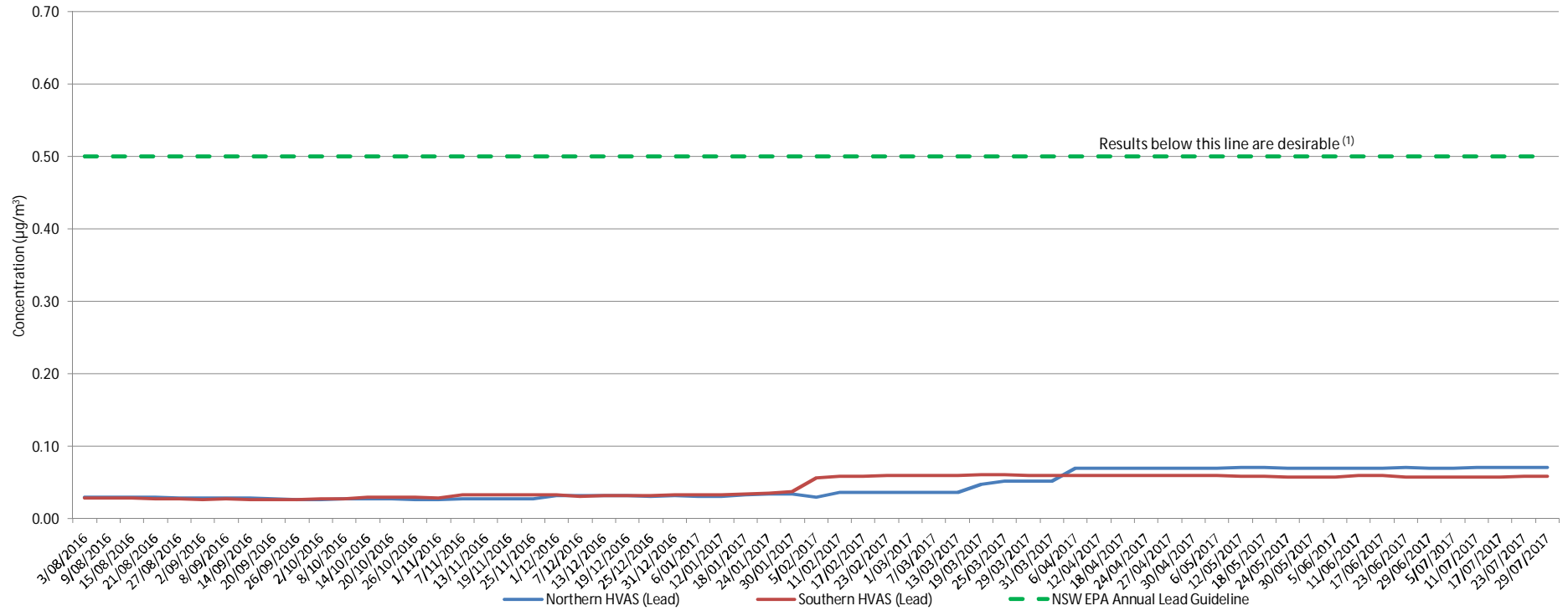
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



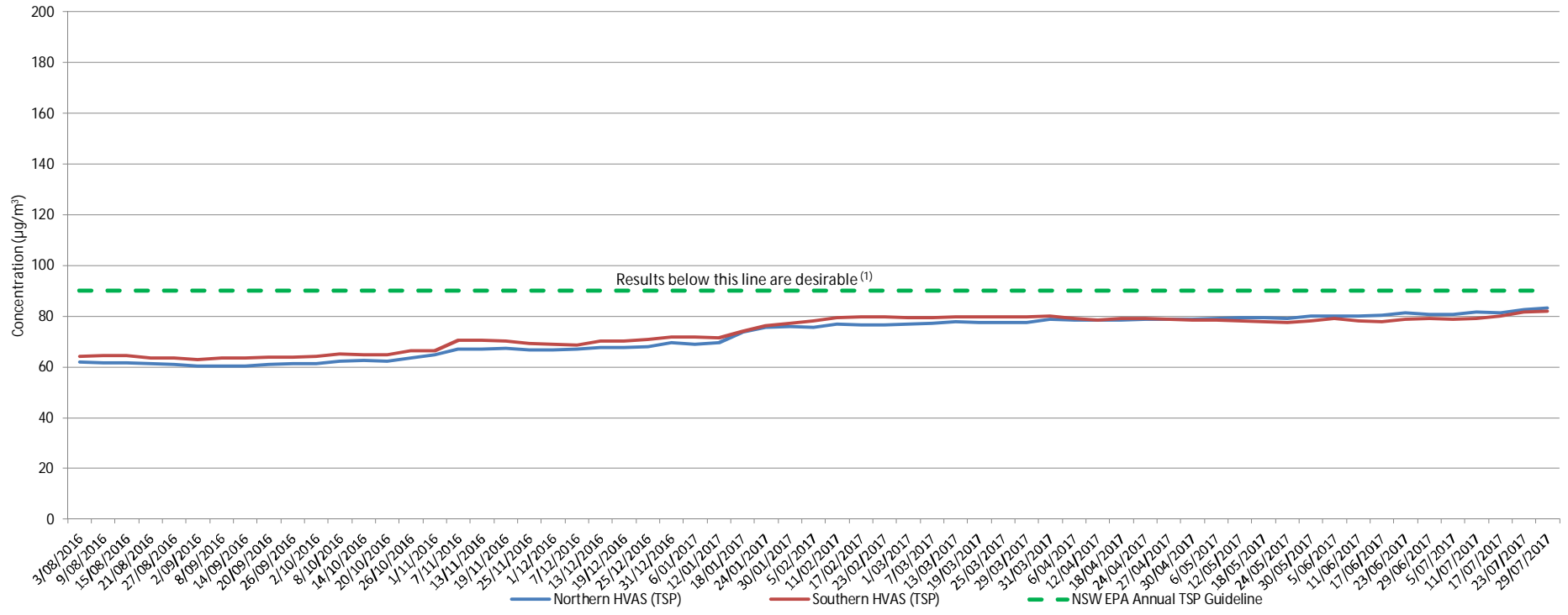
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

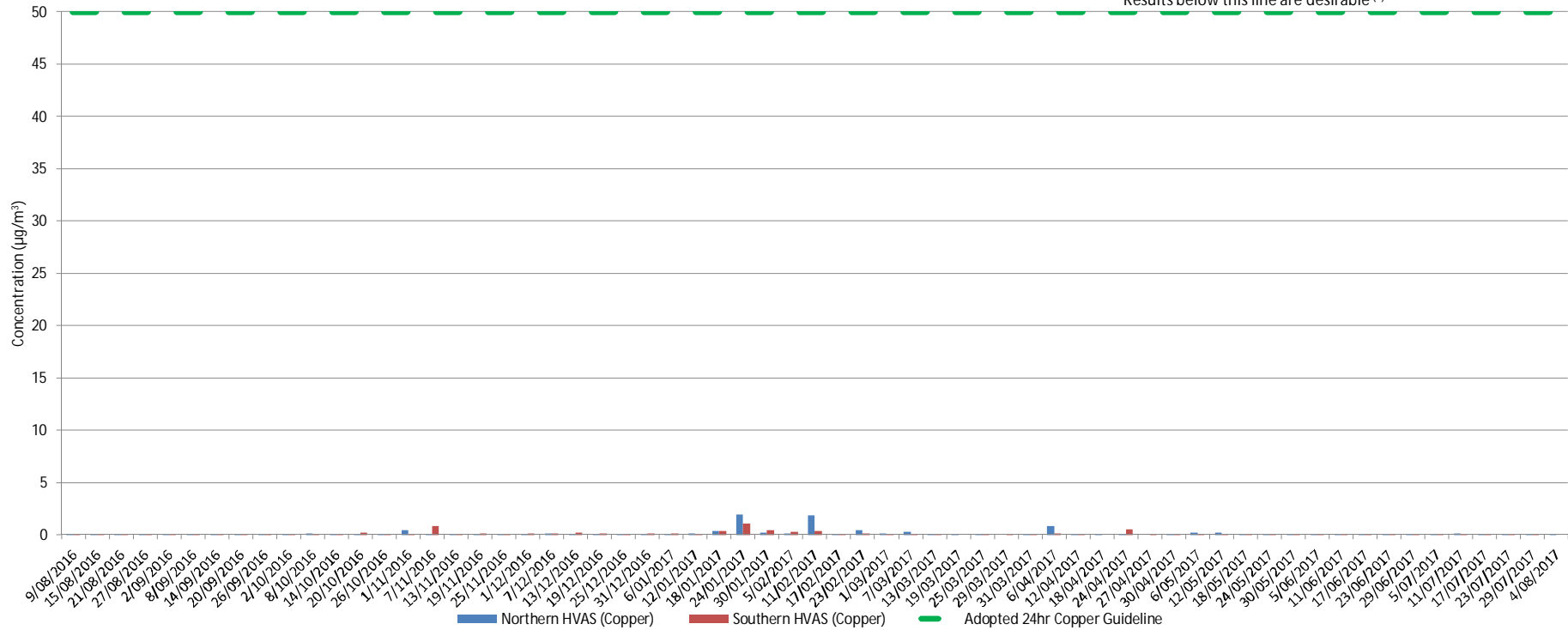
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
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25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
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1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
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5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
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6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

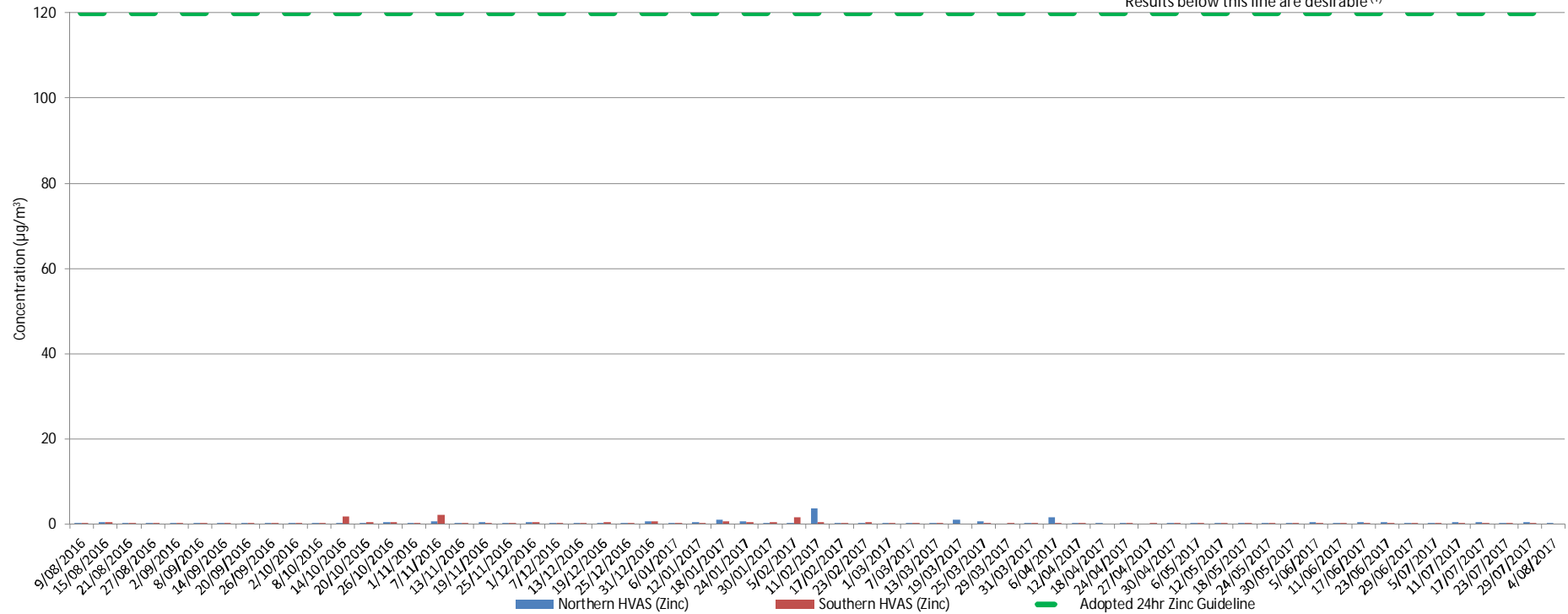
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
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20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
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27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	
3/08/2016	63.2	0.541	0.121	0.67	73.9	0.053	0.024	0.219	

ConPorts Pty Ltd - 24 Hour Copper



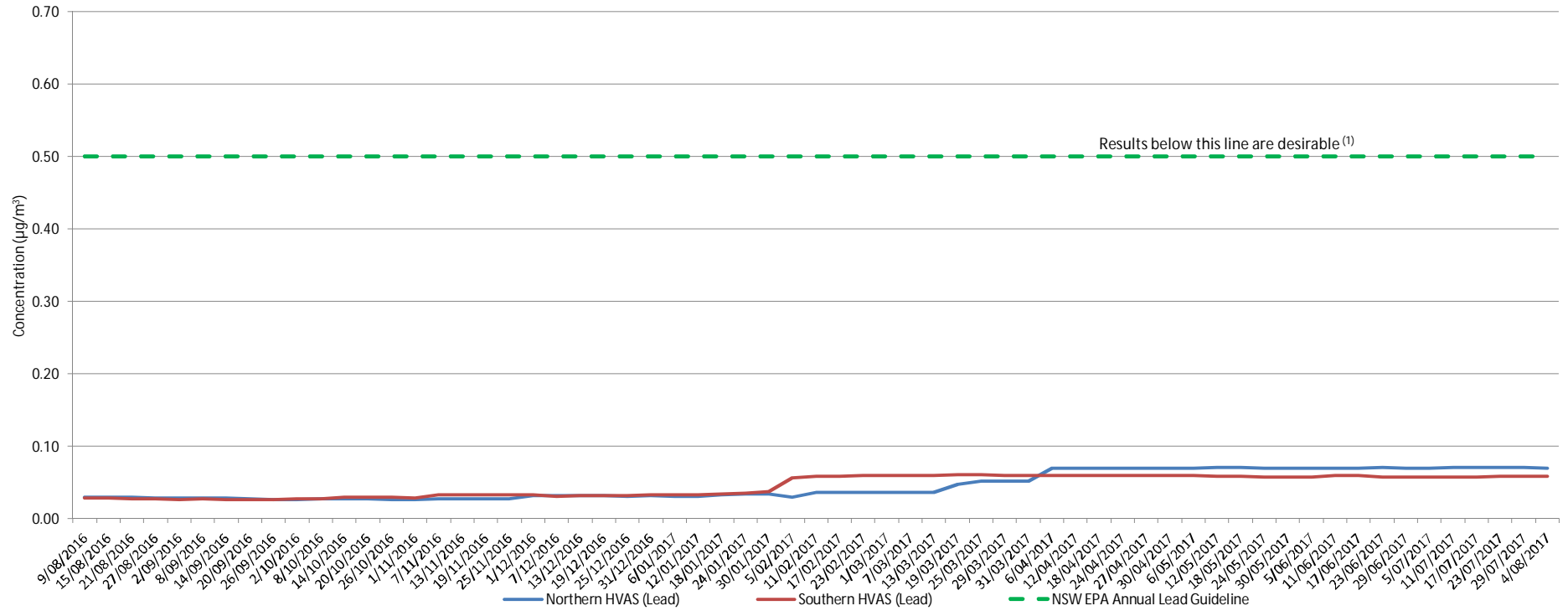
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



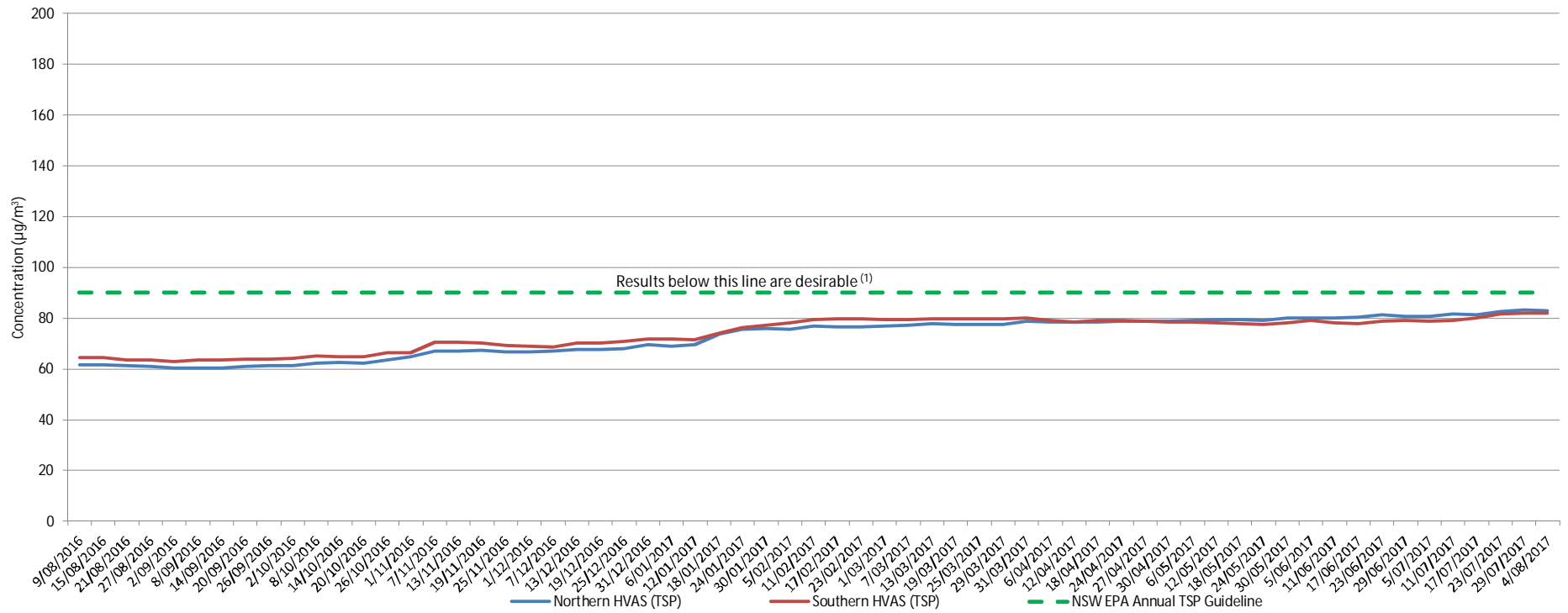
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

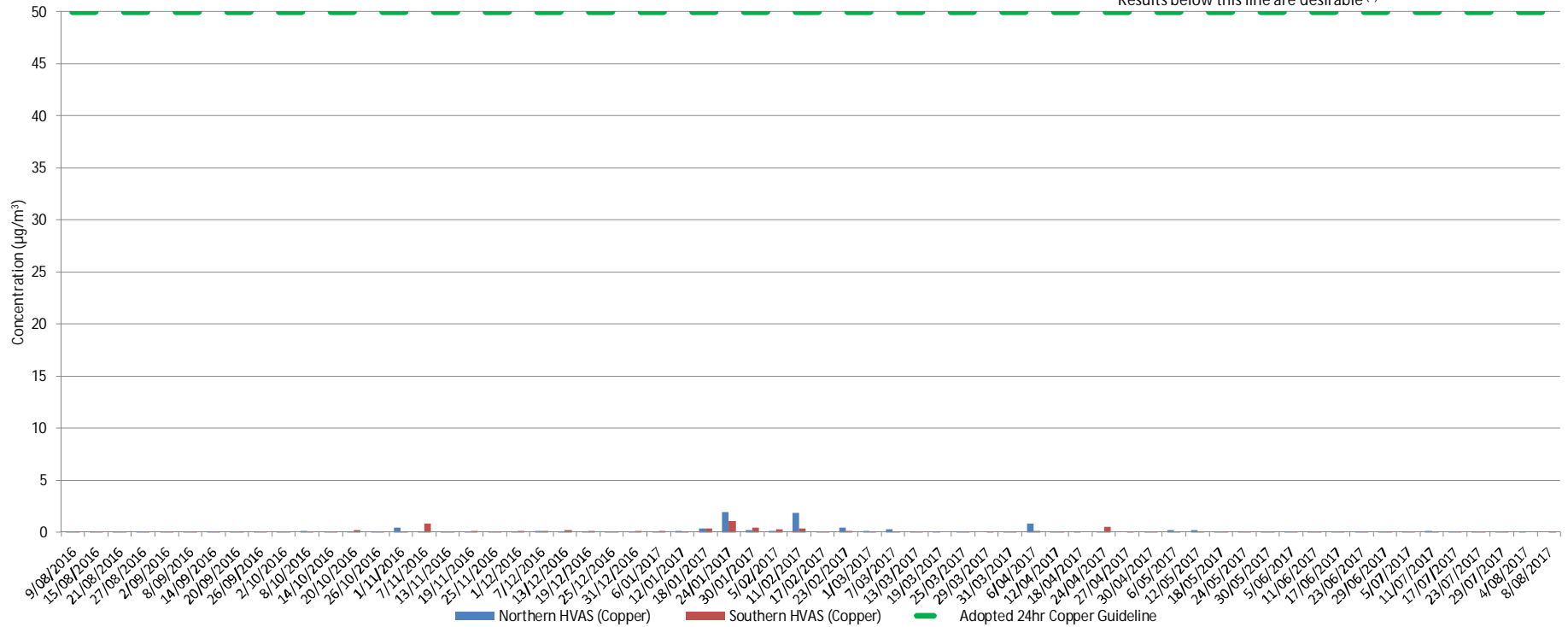
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
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19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

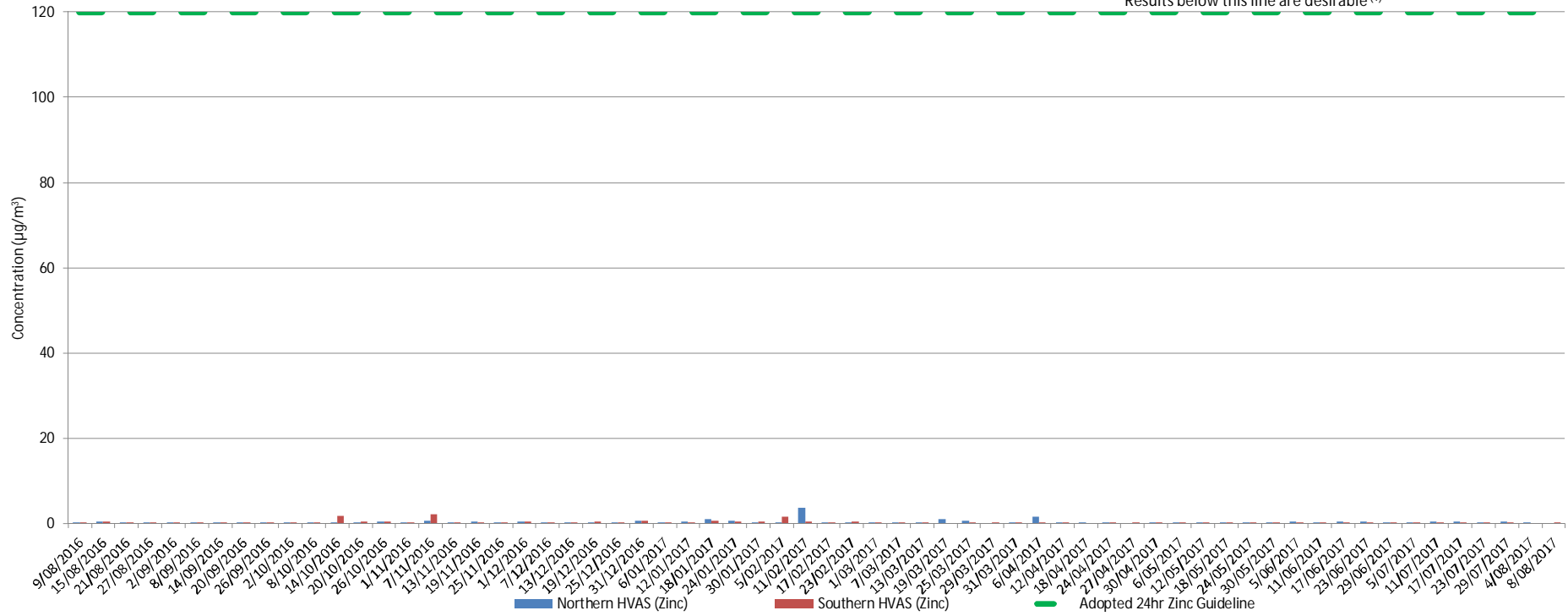
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	
9/08/2016	56.6	0.028	0.014	0.24	90.1	0.033	0.020	0.220	

ConPorts Pty Ltd - 24 Hour Copper



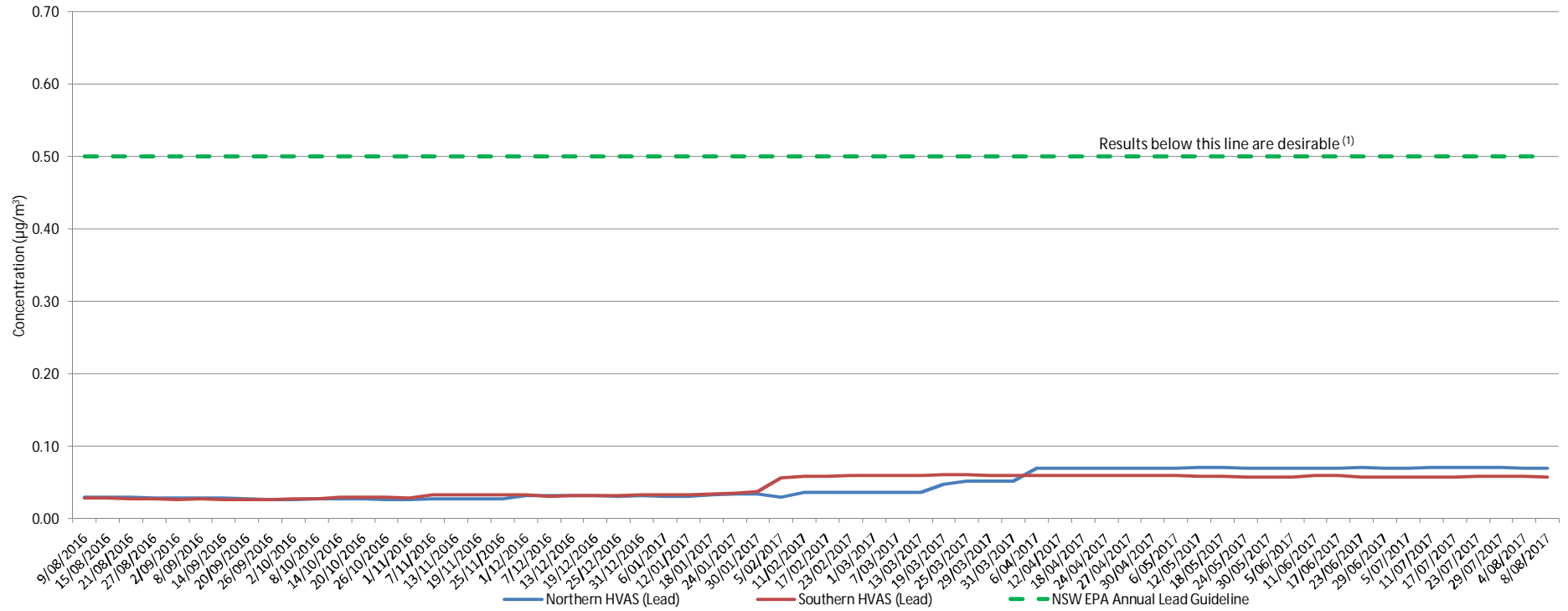
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



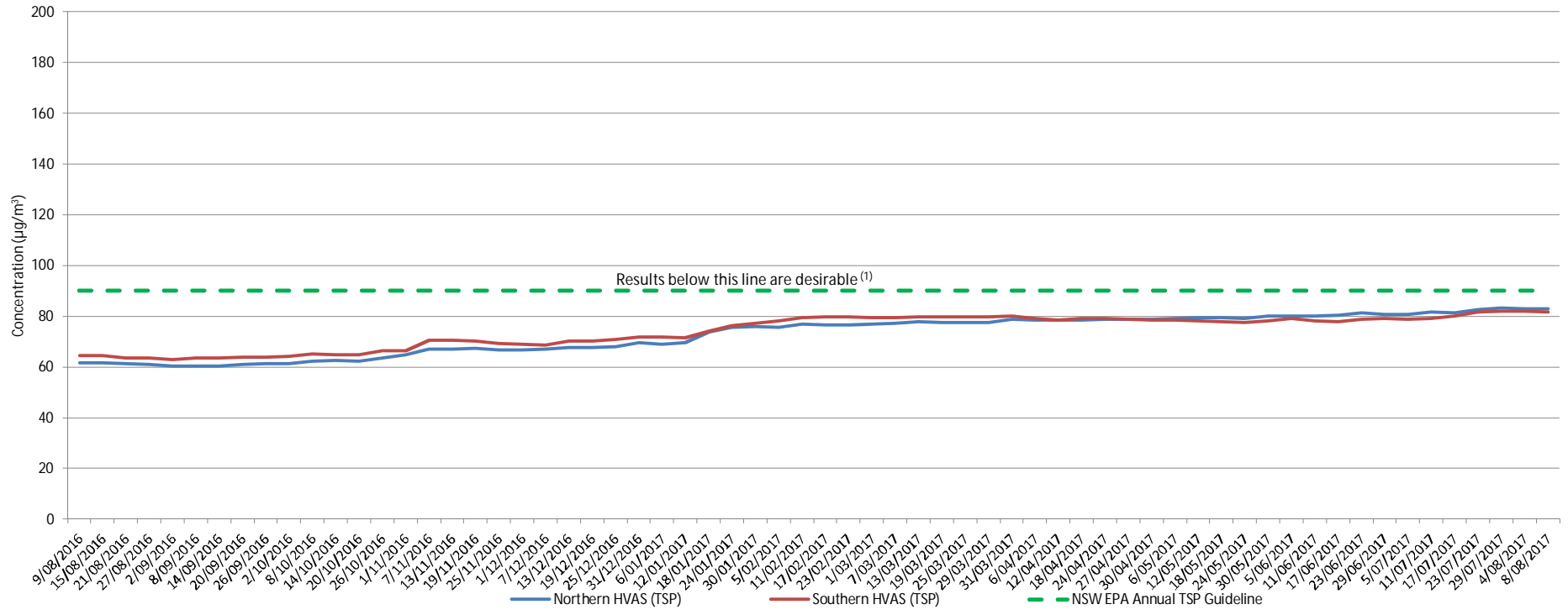
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

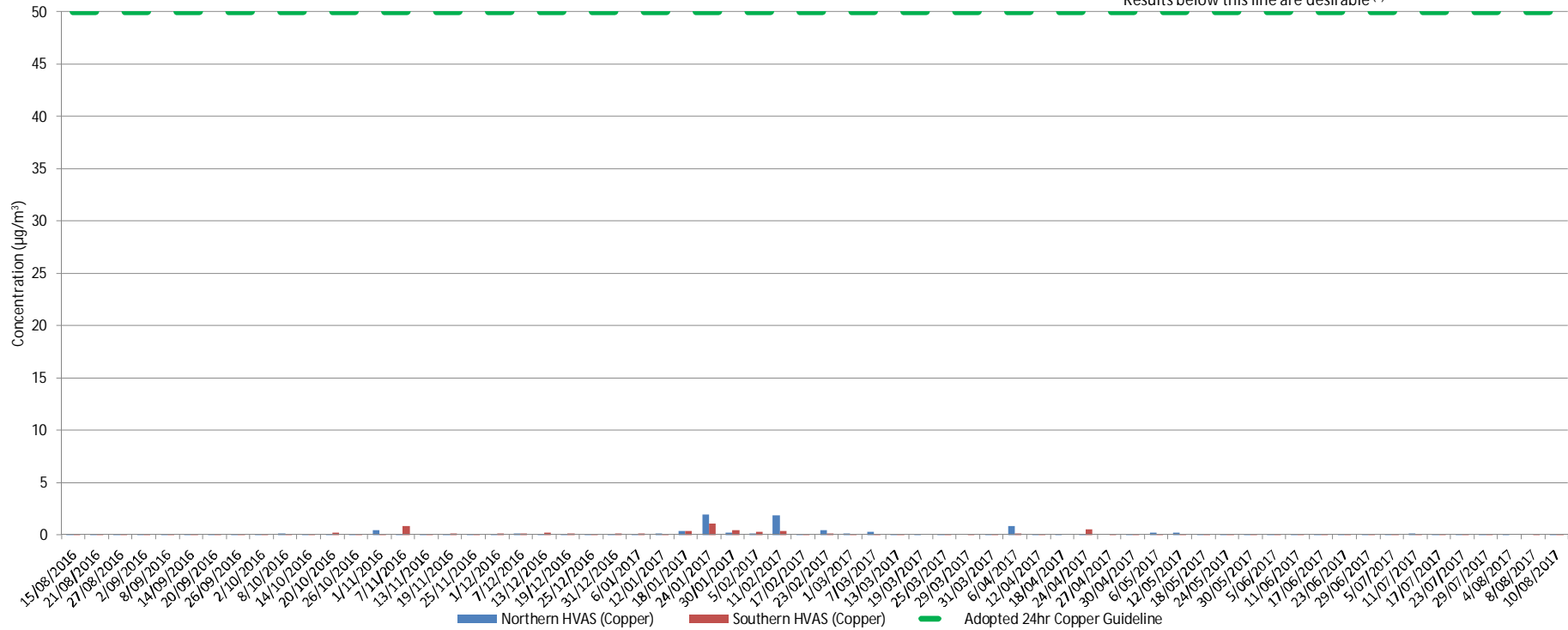
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	South sampler failed to run due to power issue
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
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6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

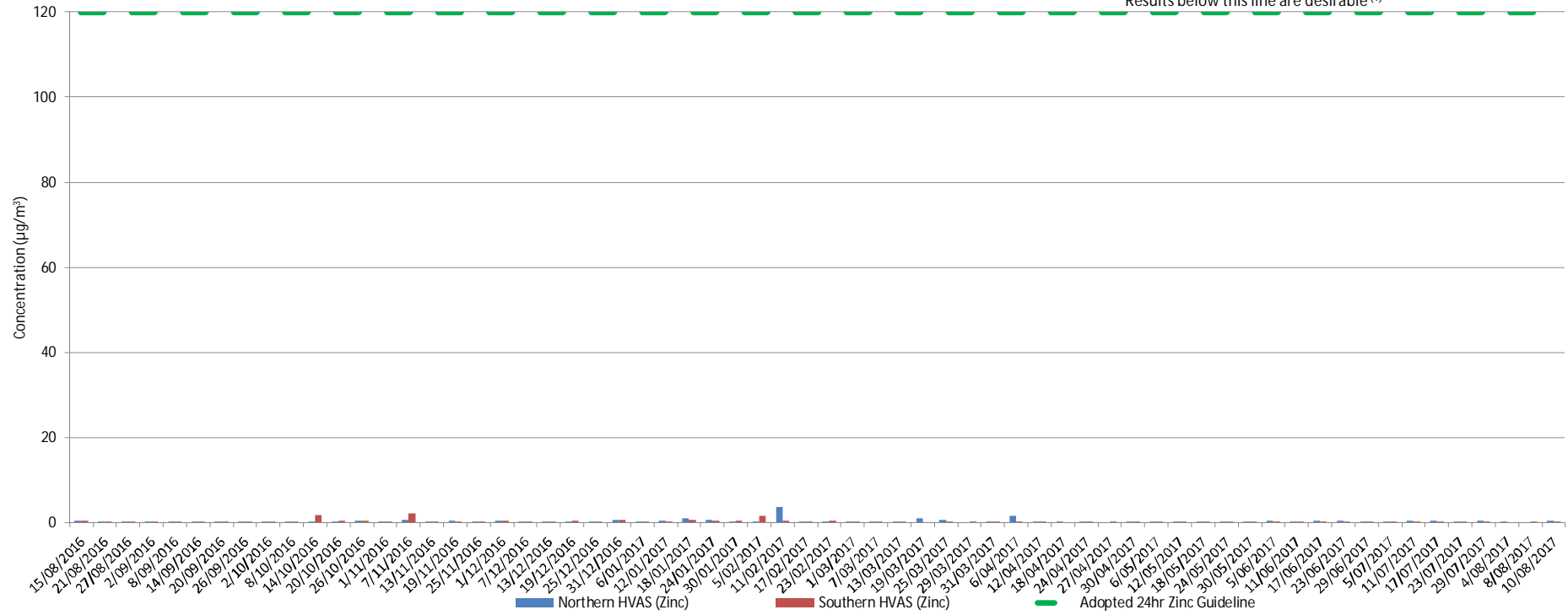
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
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27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	
15/08/2016	64.7	0.021	0.016	0.32	80.2	0.050	0.022	0.312	

ConPorts Pty Ltd - 24 Hour Copper



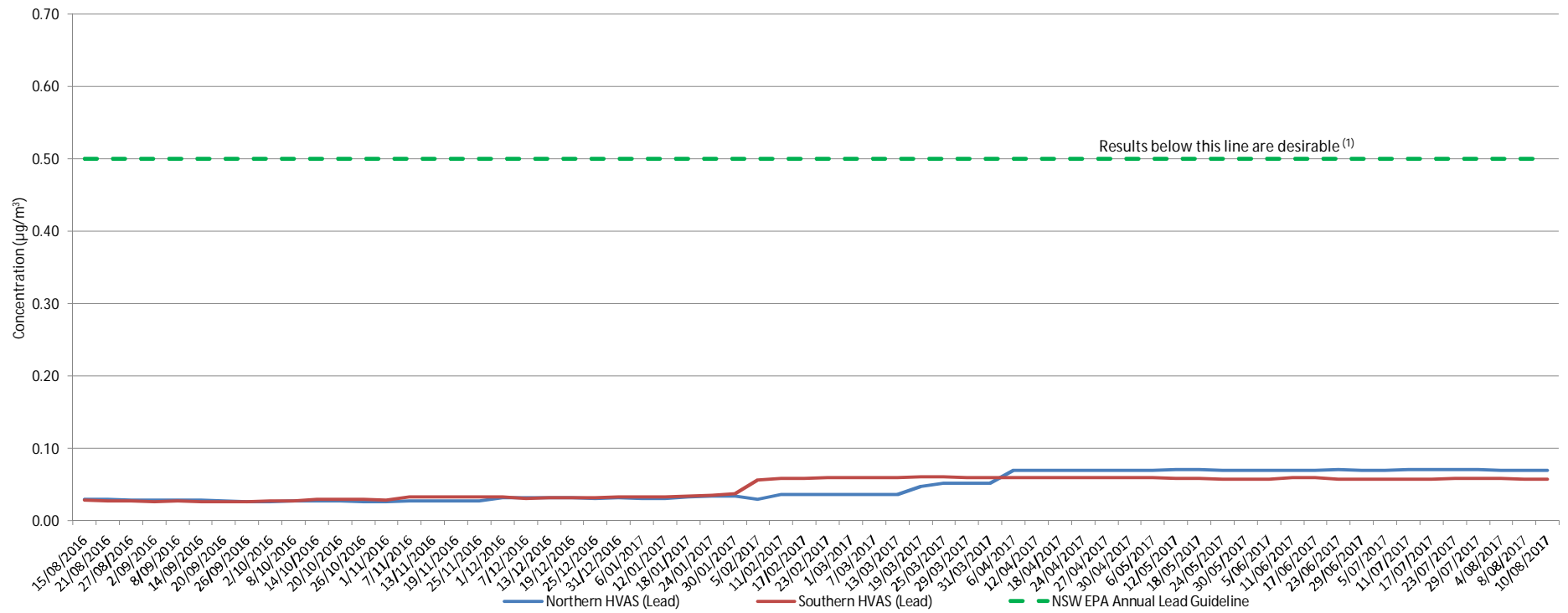
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ConPorts Pty Ltd - 24 Hour Zinc



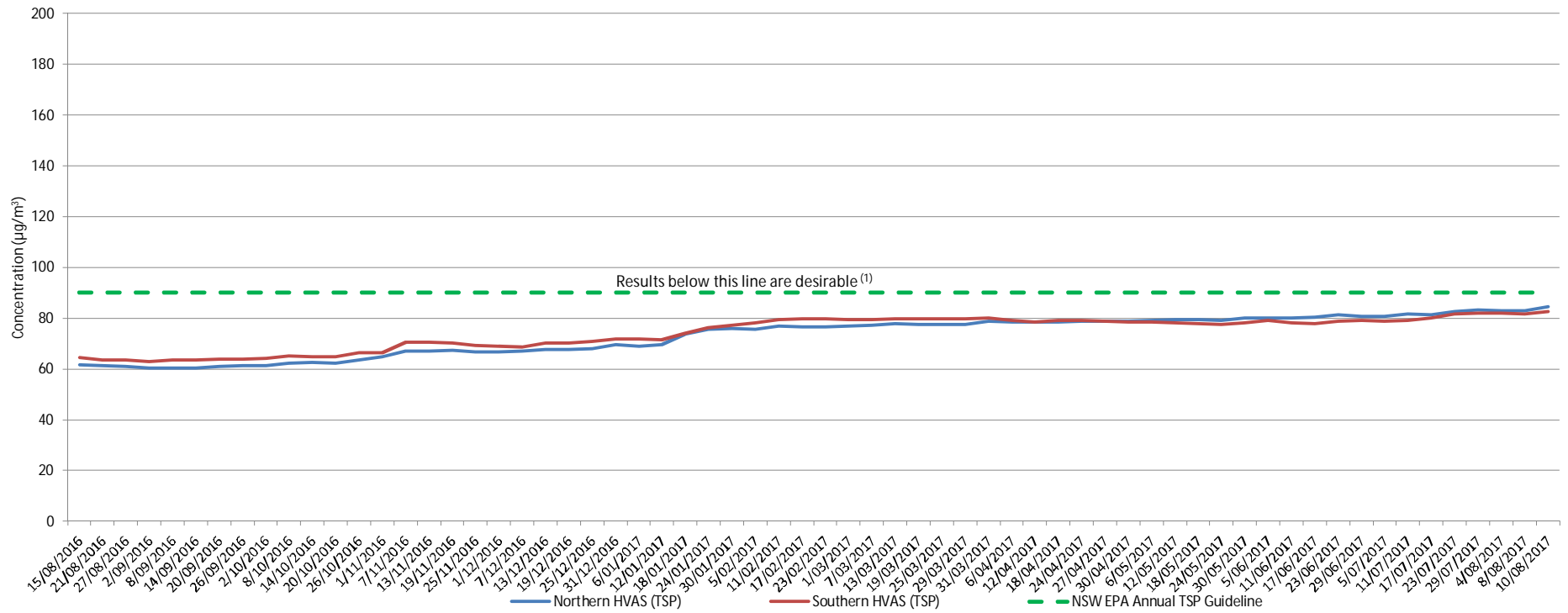
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



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ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



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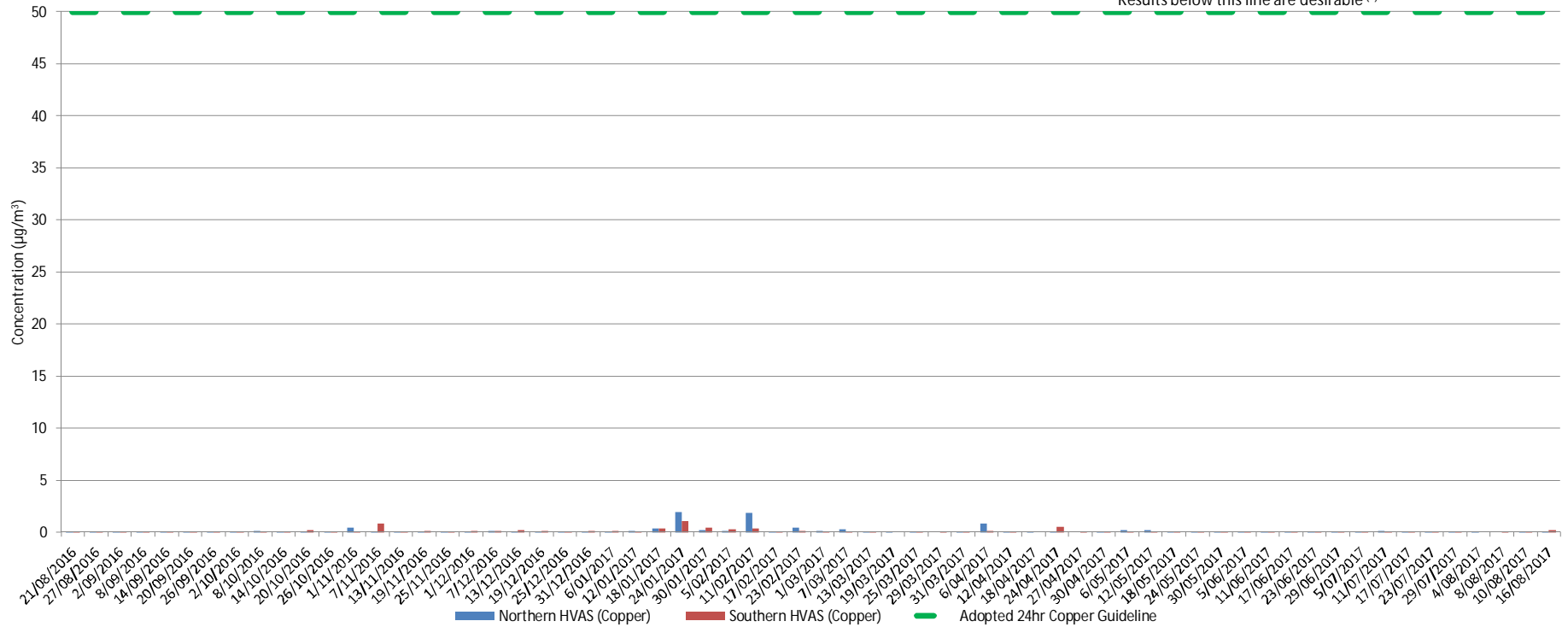
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	South sampler failed to run due to power issue
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6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
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5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

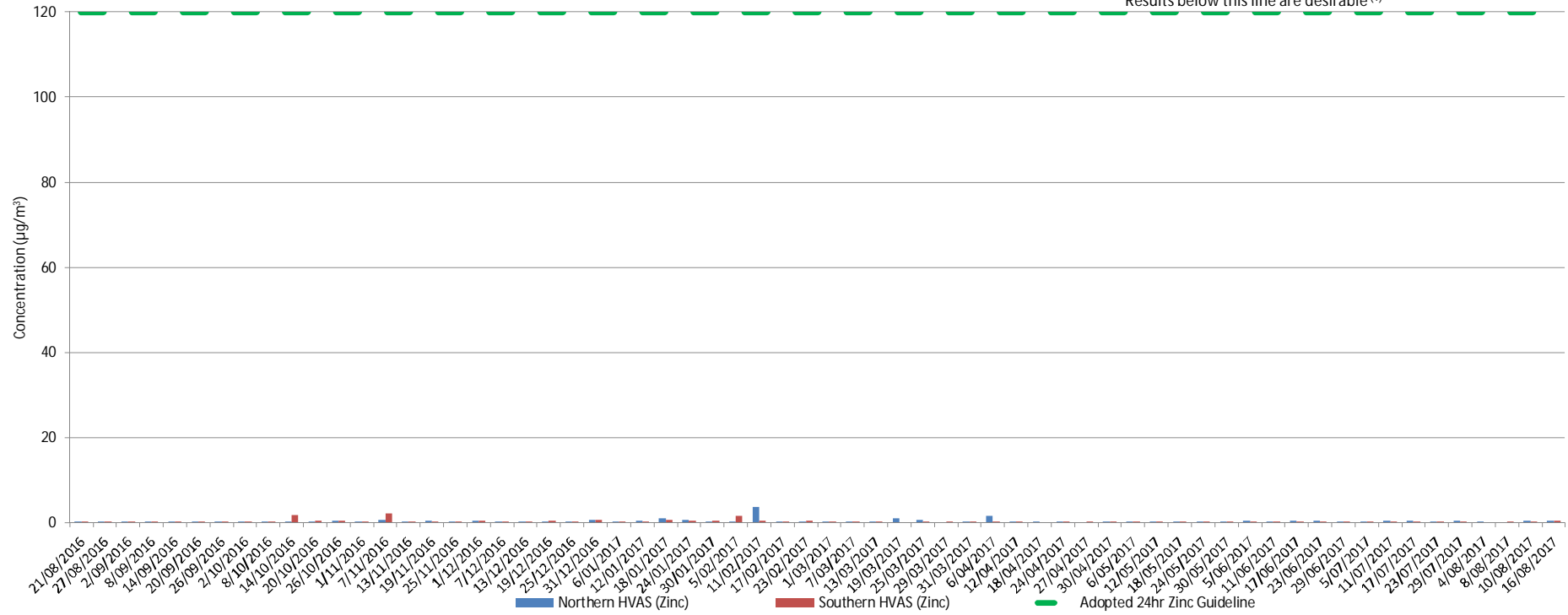
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	
21/08/2016	36.6	0.018	0.012	0.05	35.1	0.032	0.012	0.069	

ConPorts Pty Ltd - 24 Hour Copper



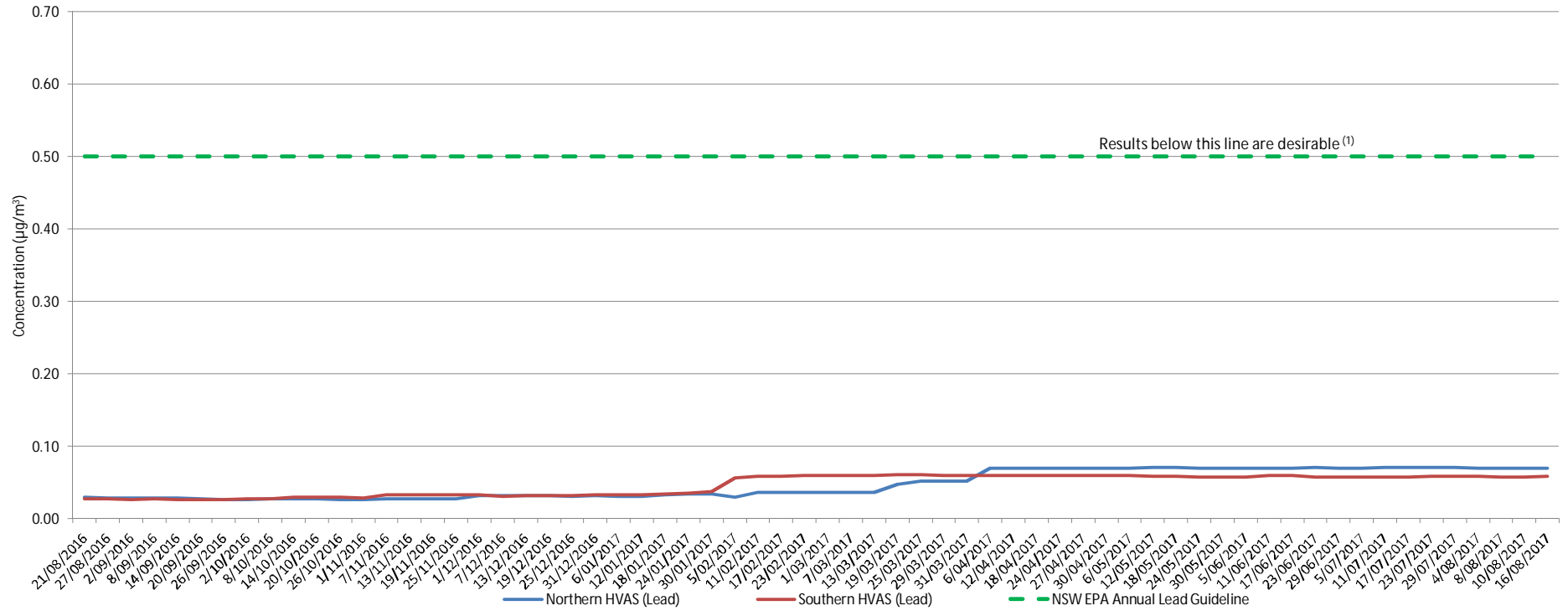
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



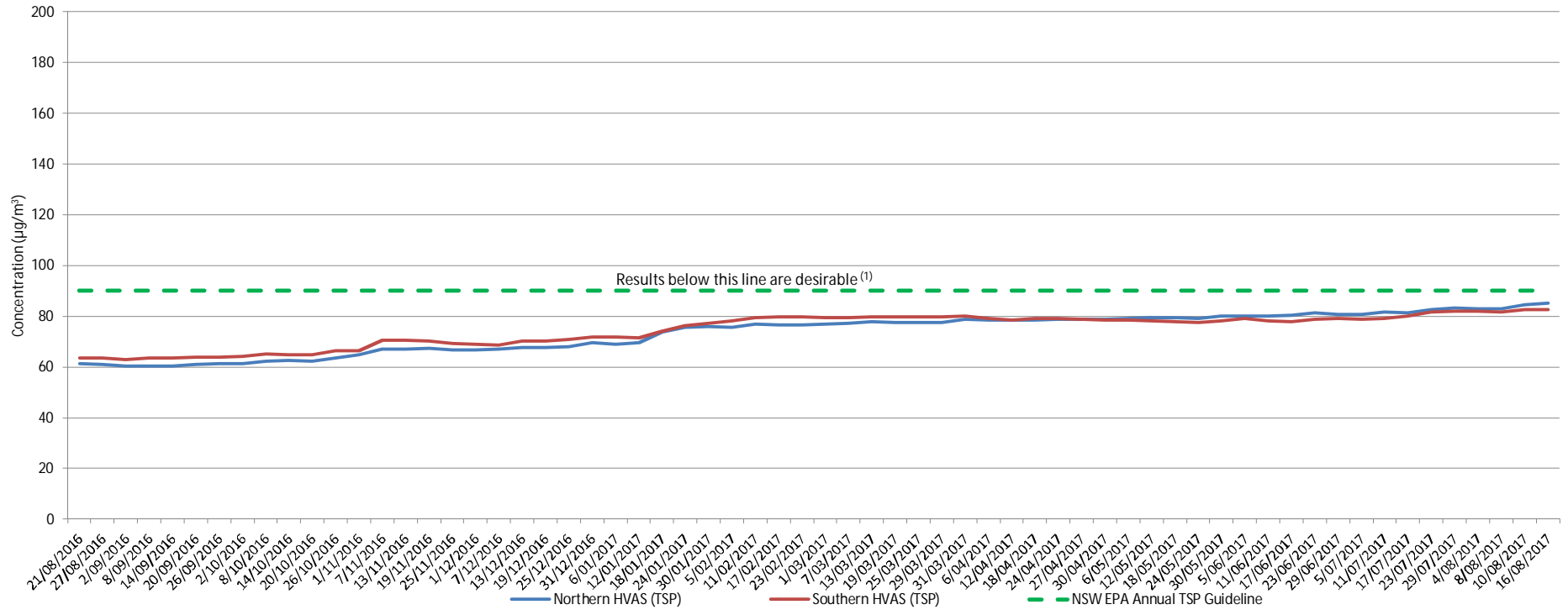
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

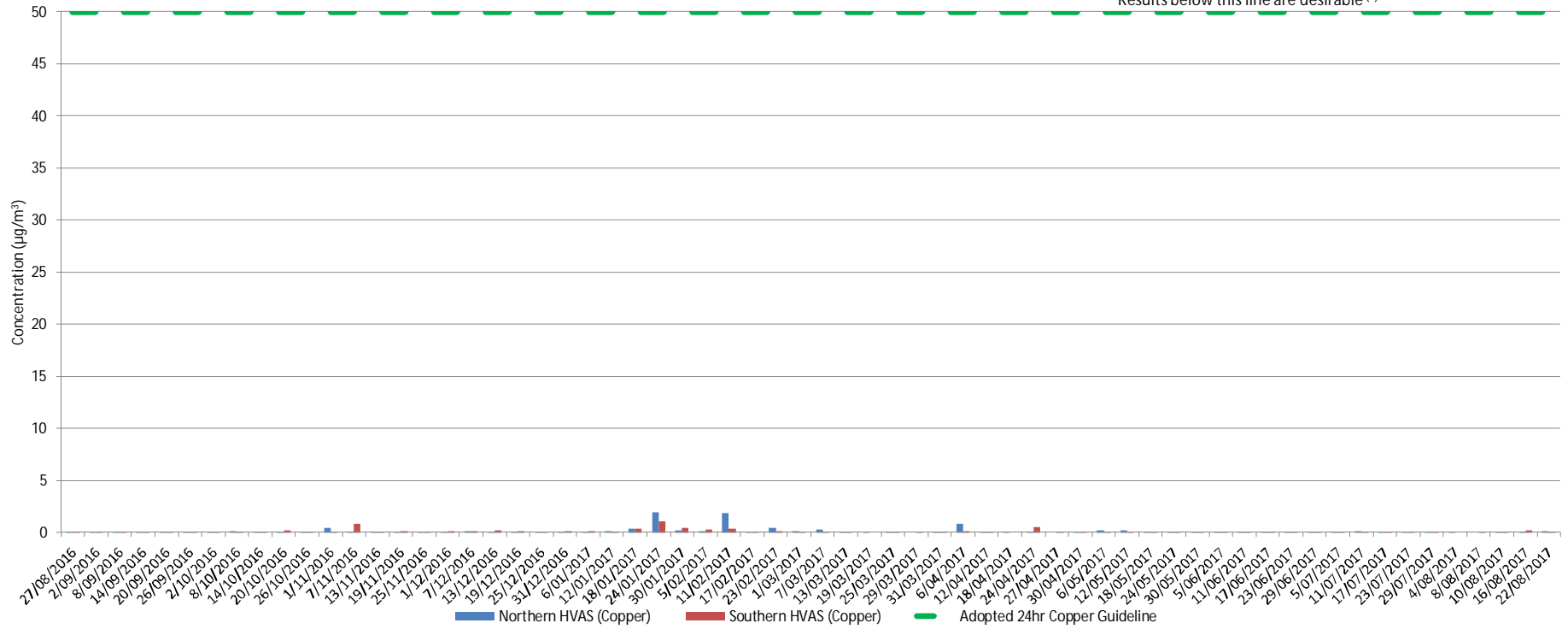
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

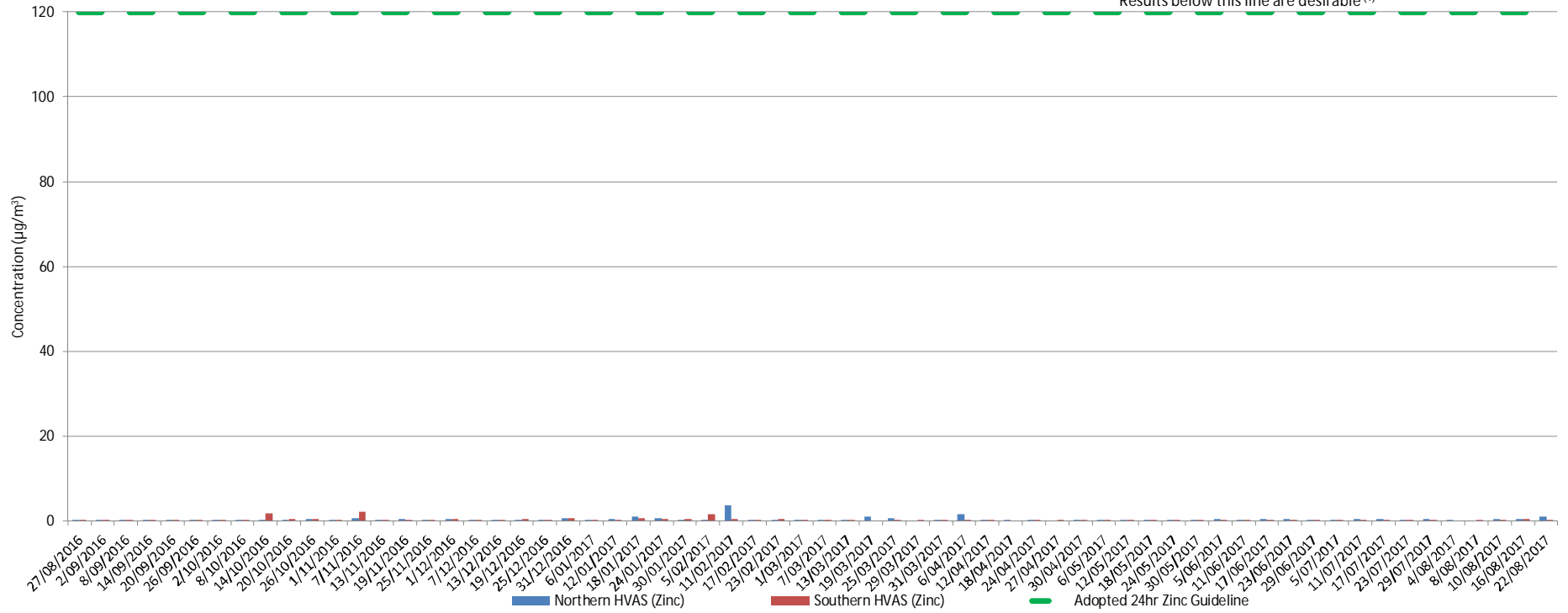
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	
27/08/2016	27.8	0.024	0.010	0.06	39.5	0.010	0.007	0.039	

ConPorts Pty Ltd - 24 Hour Copper



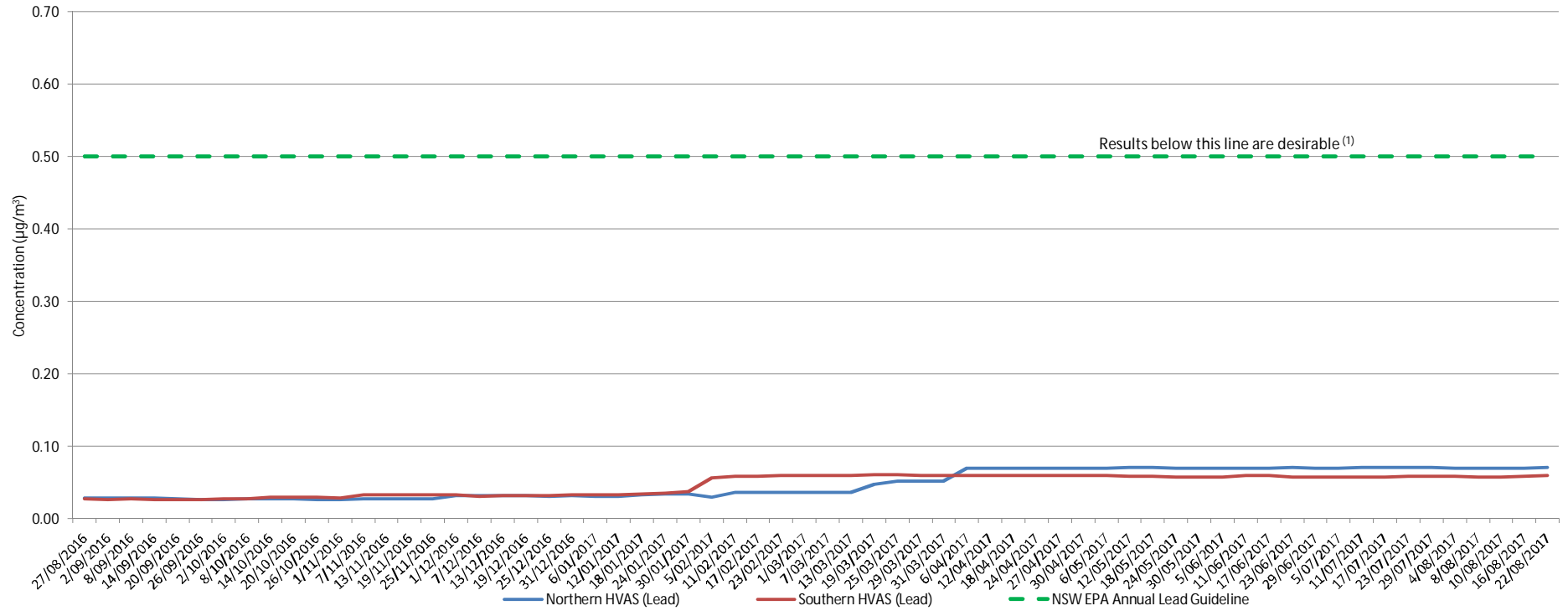
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



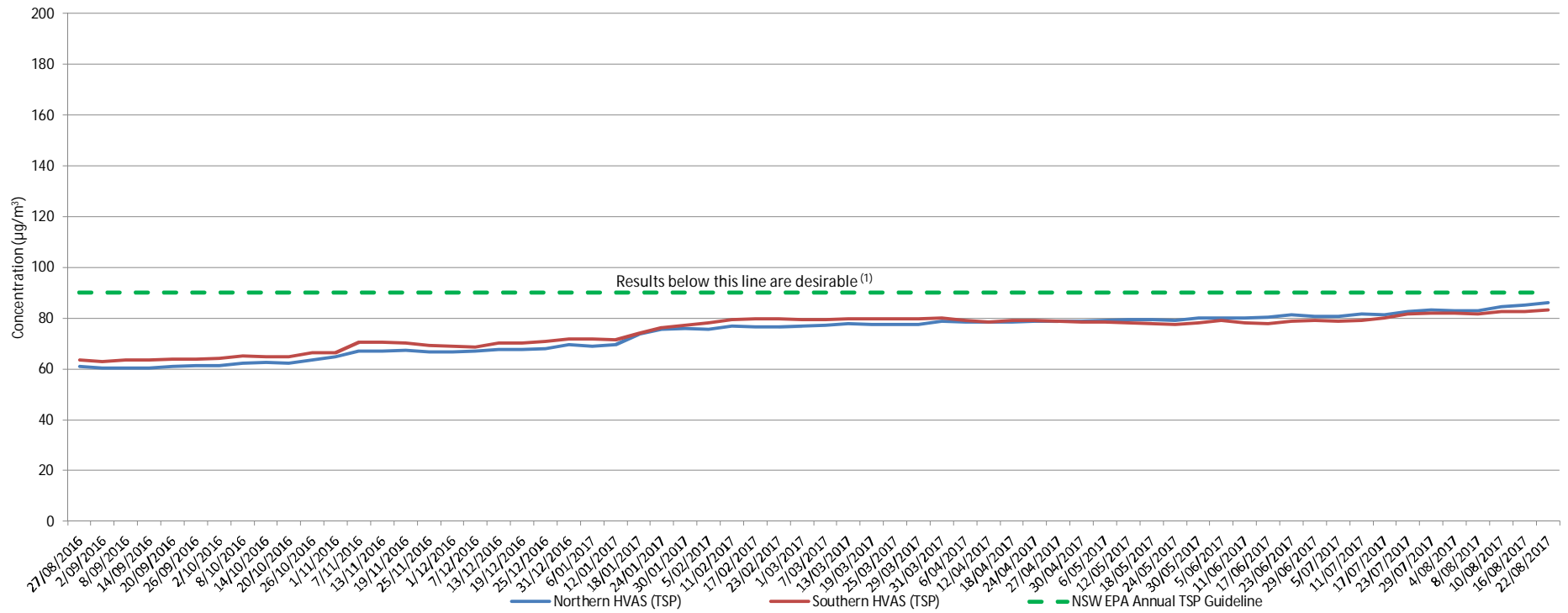
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

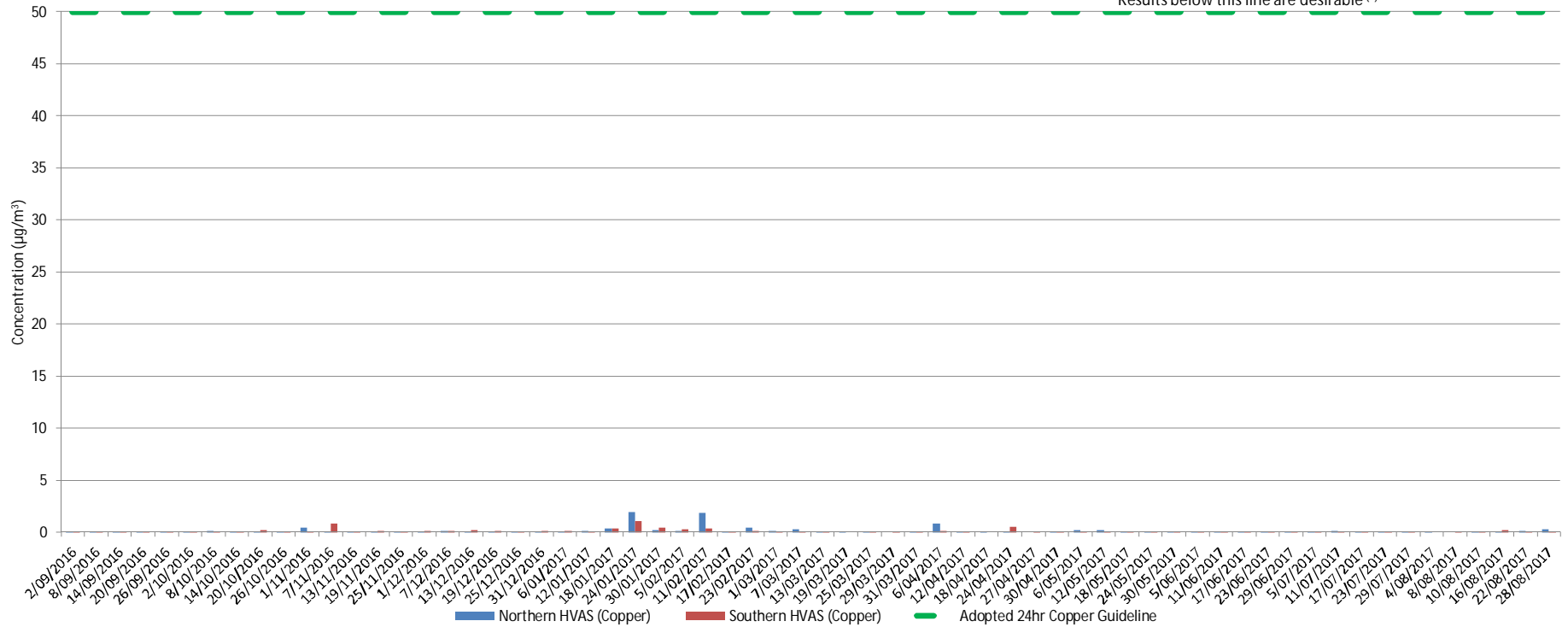
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

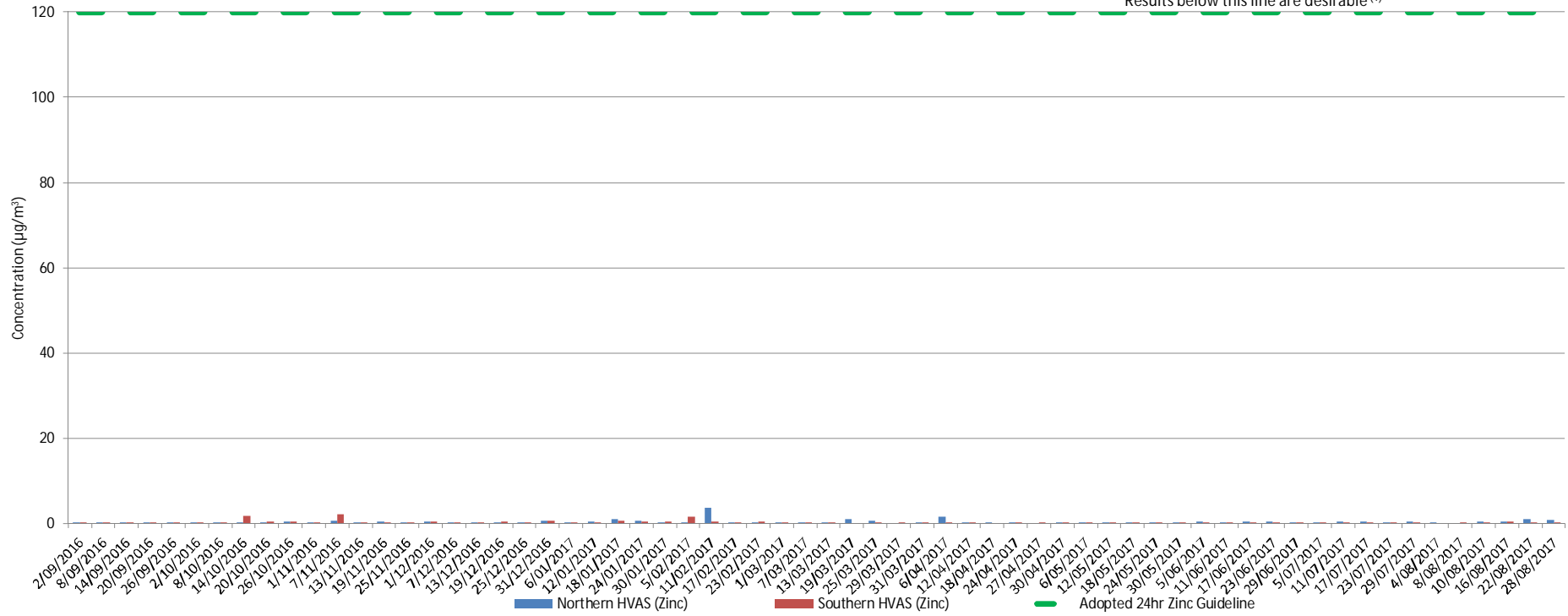
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	
2/09/2016	39.1	0.022	<0.007	0.09	47.6	0.031	0.009	0.116	

ConPorts Pty Ltd - 24 Hour Copper



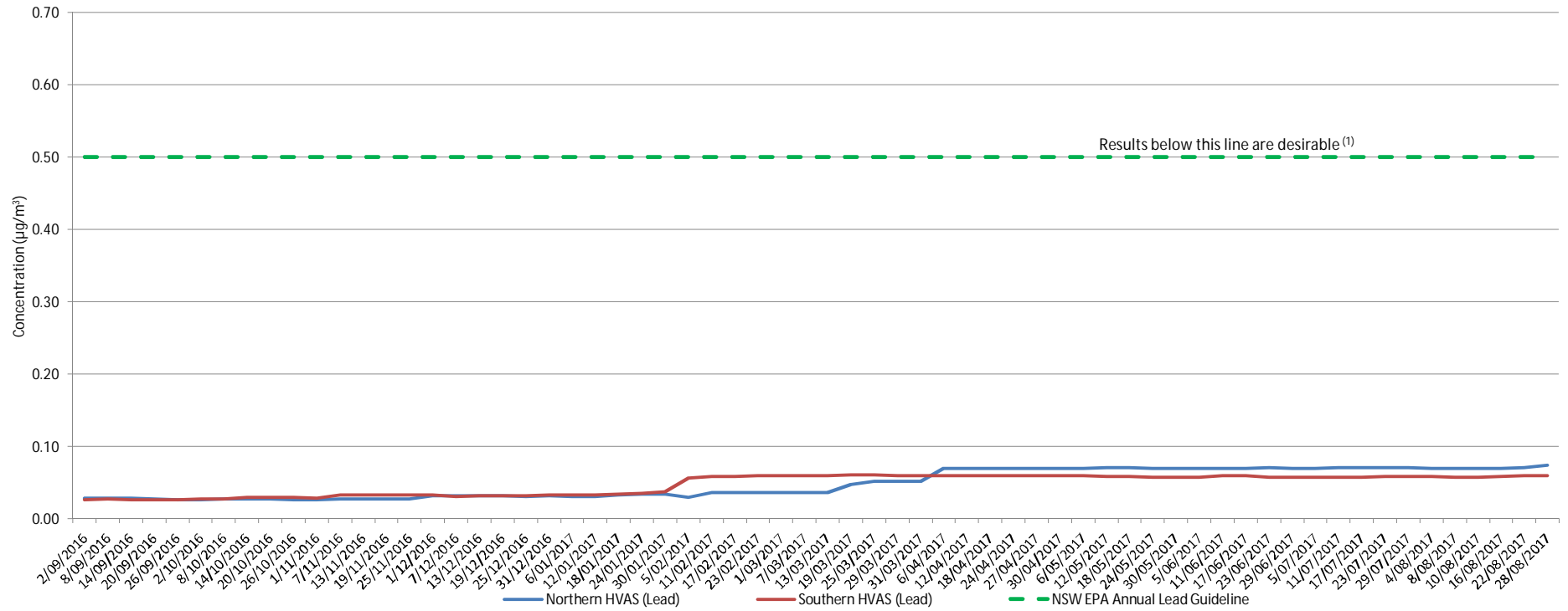
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



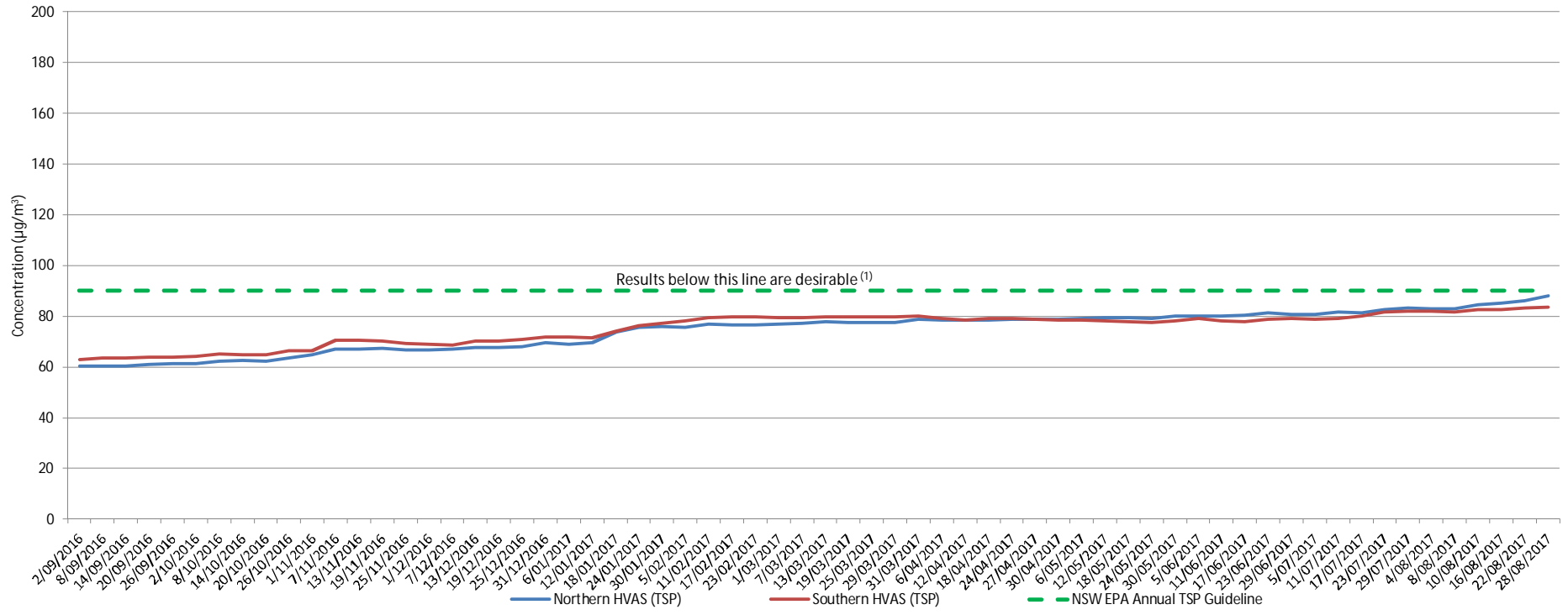
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

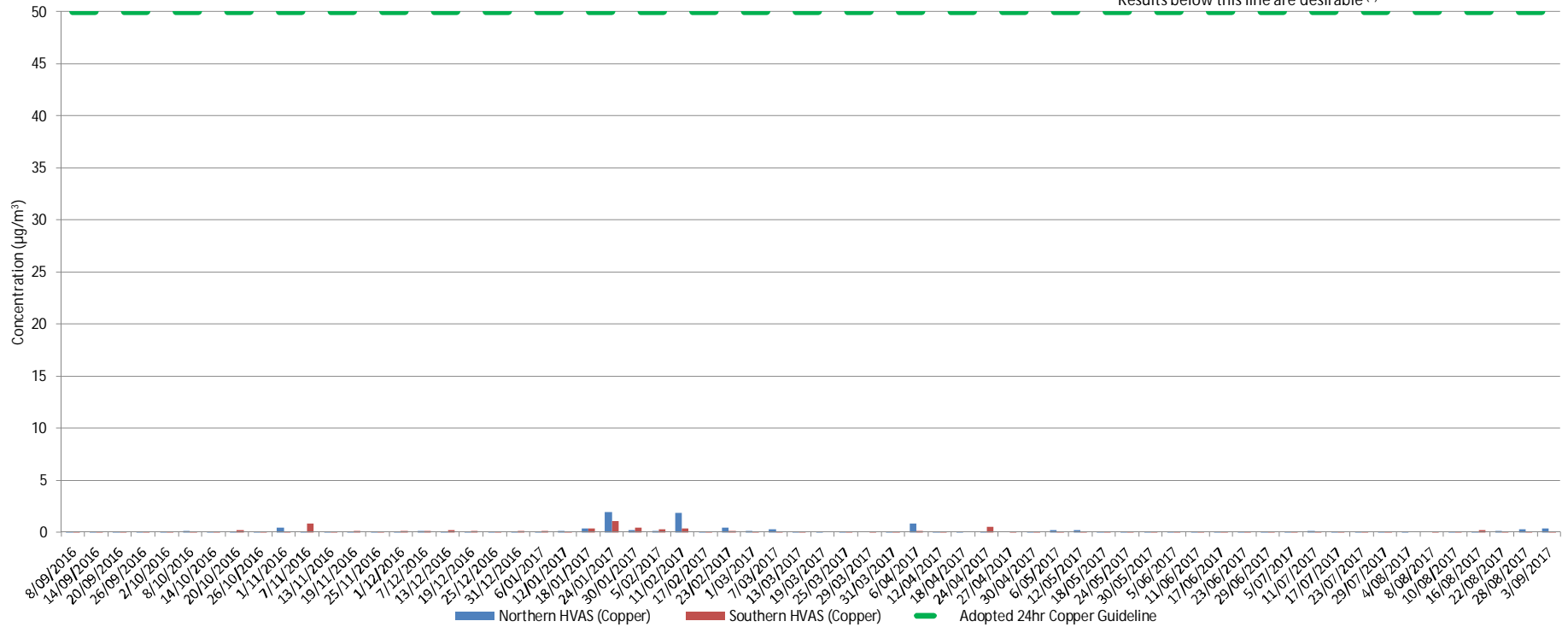
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

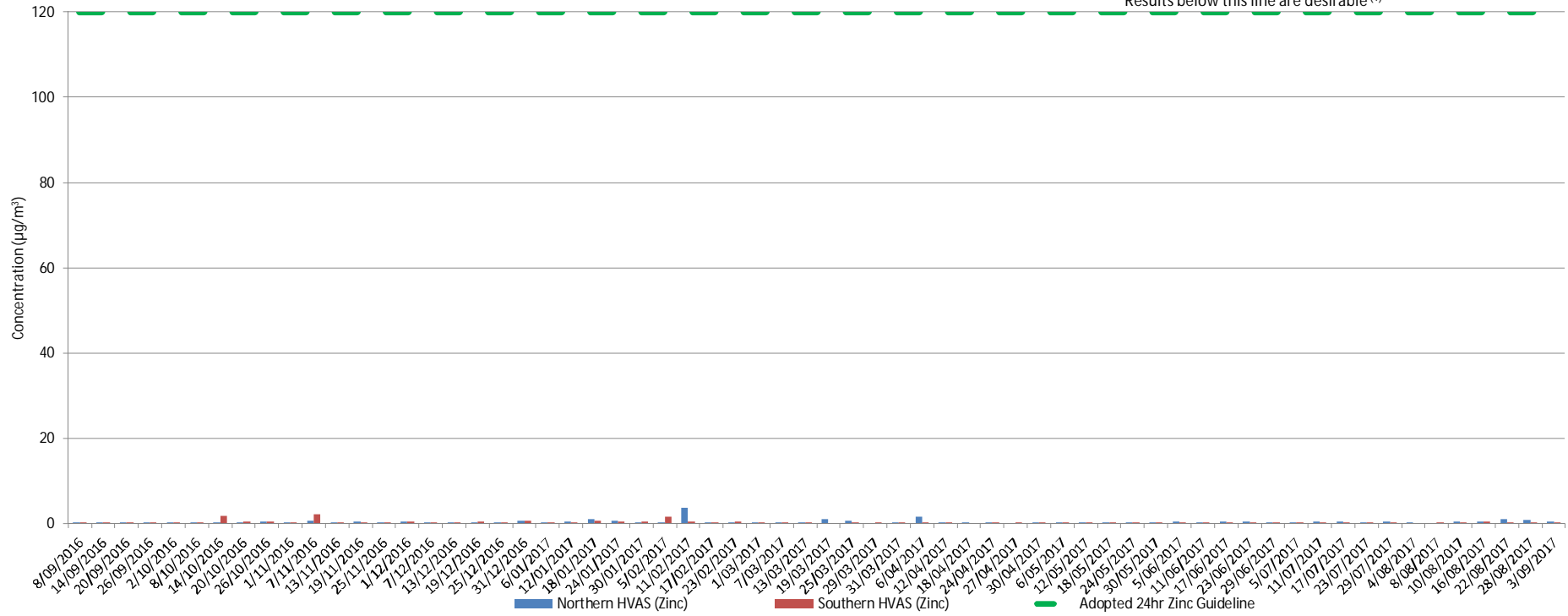
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	
8/09/2016	47.9	0.020	0.010	0.08	64.3	0.052	0.018	0.123	

ConPorts Pty Ltd - 24 Hour Copper



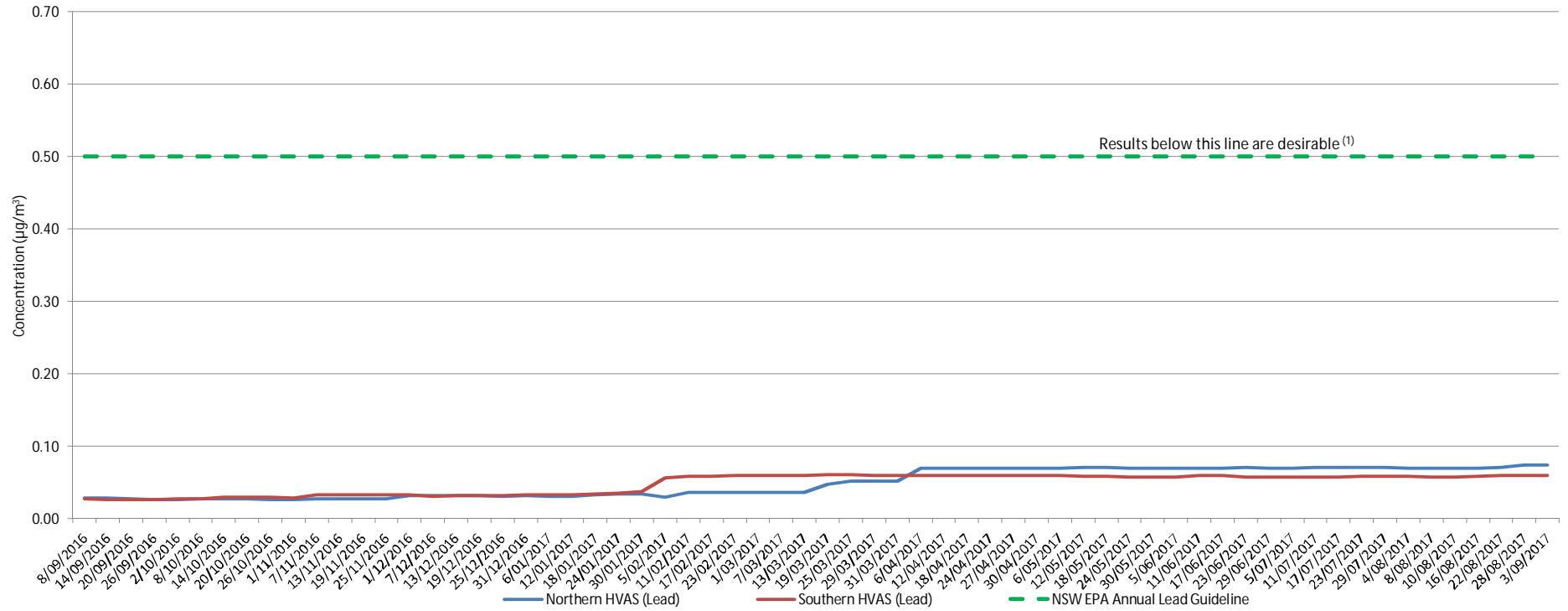
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



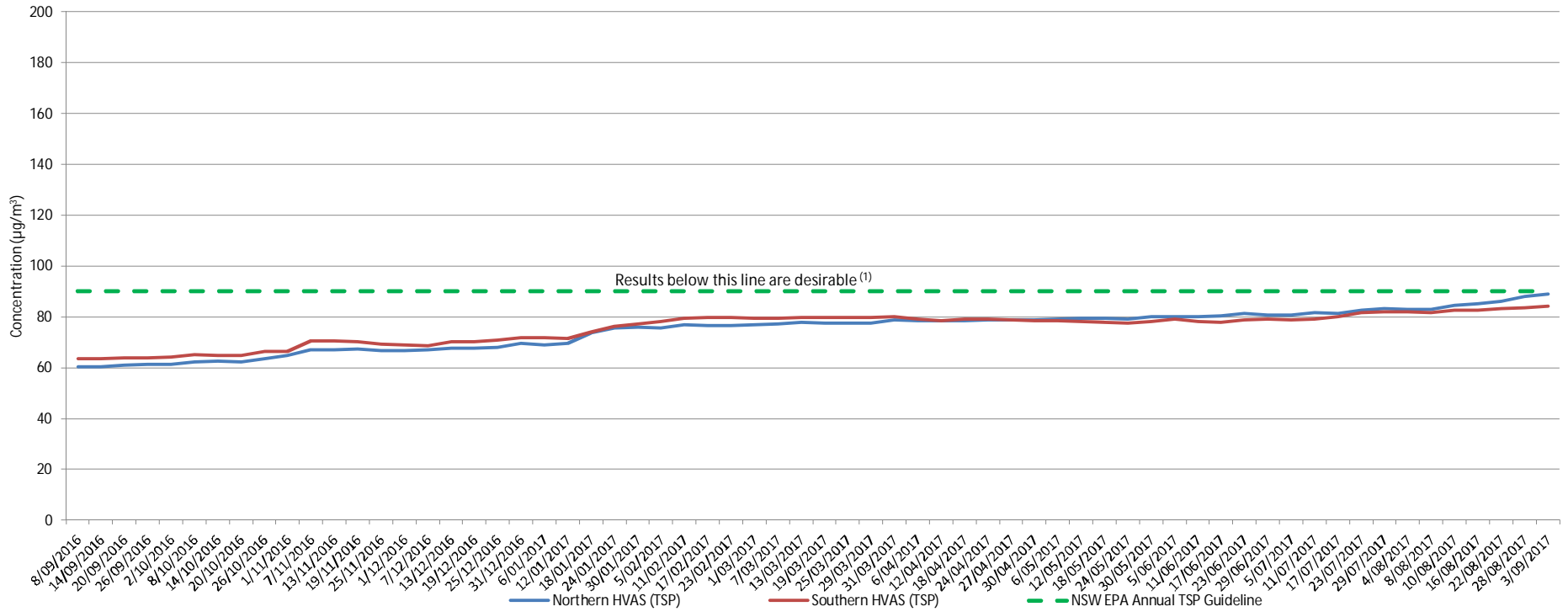
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

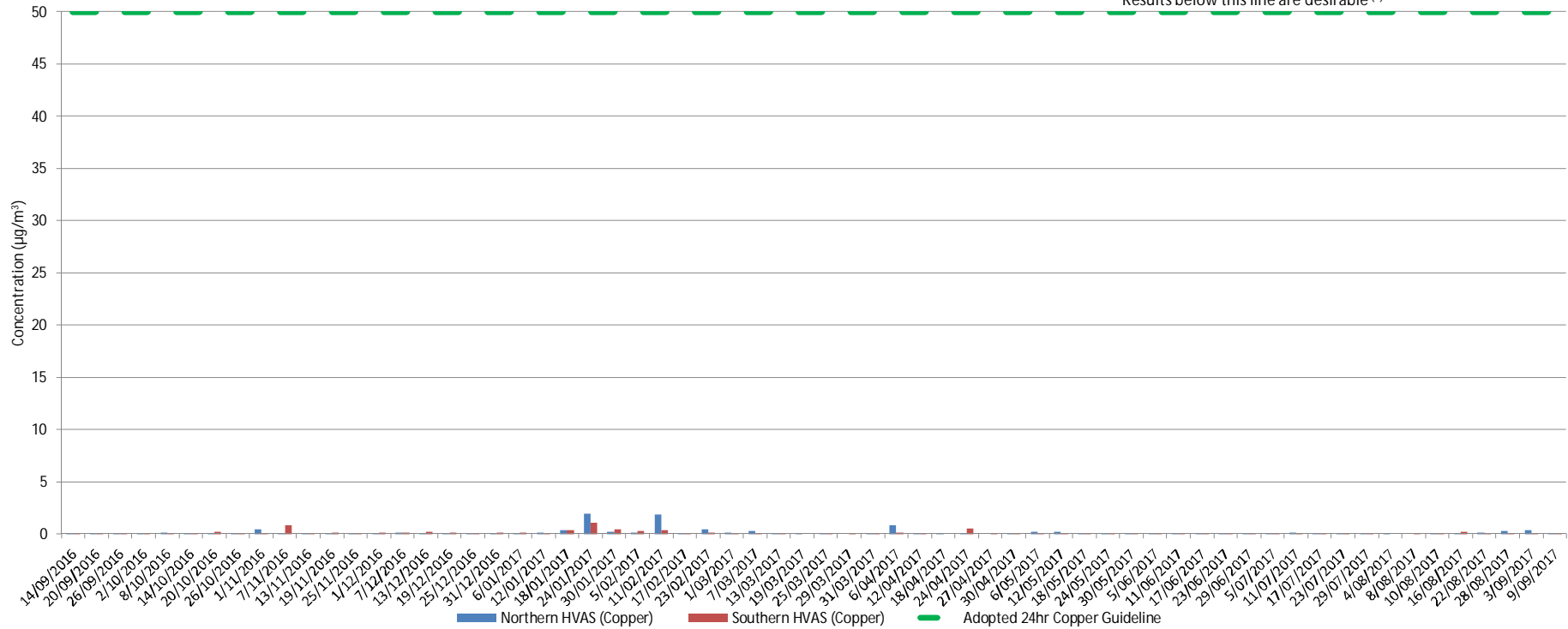
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	South sampler failed to run due to power issue
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

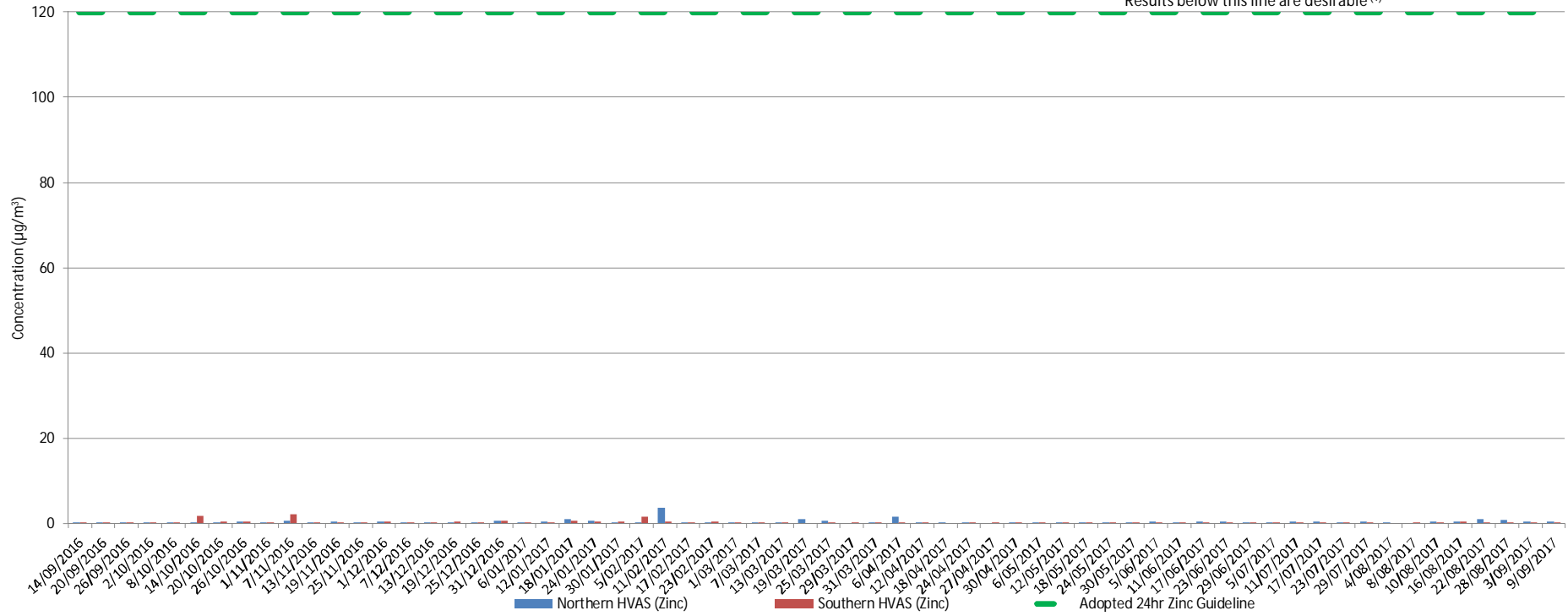
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	
14/09/2016	47.2	0.032	0.016	0.24	53.3	0.036	0.011	0.124	

ConPorts Pty Ltd - 24 Hour Copper



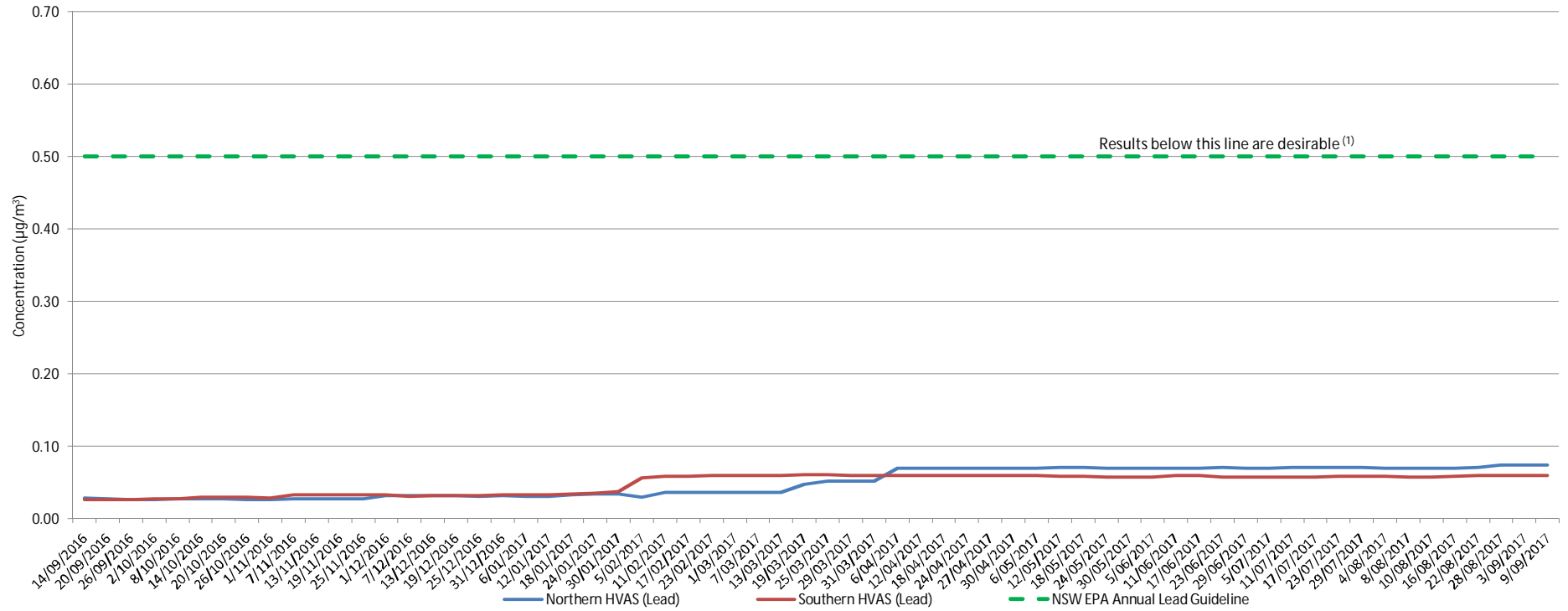
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



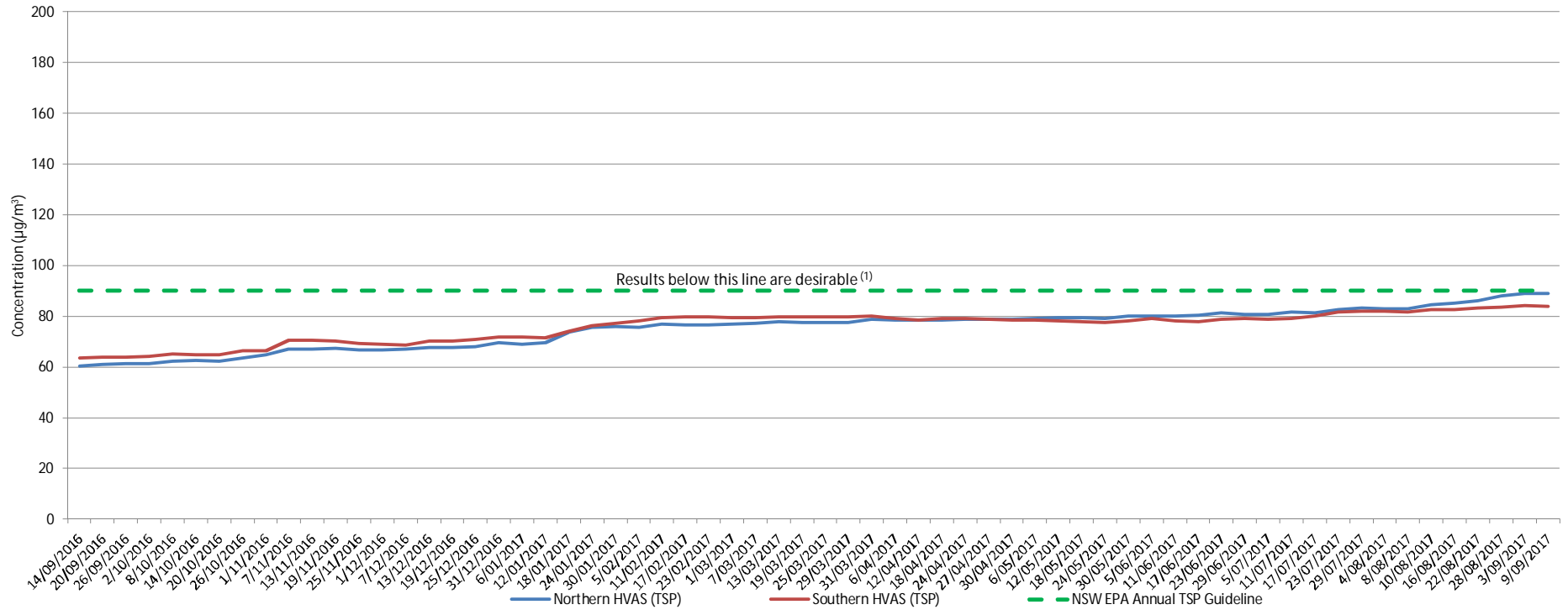
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

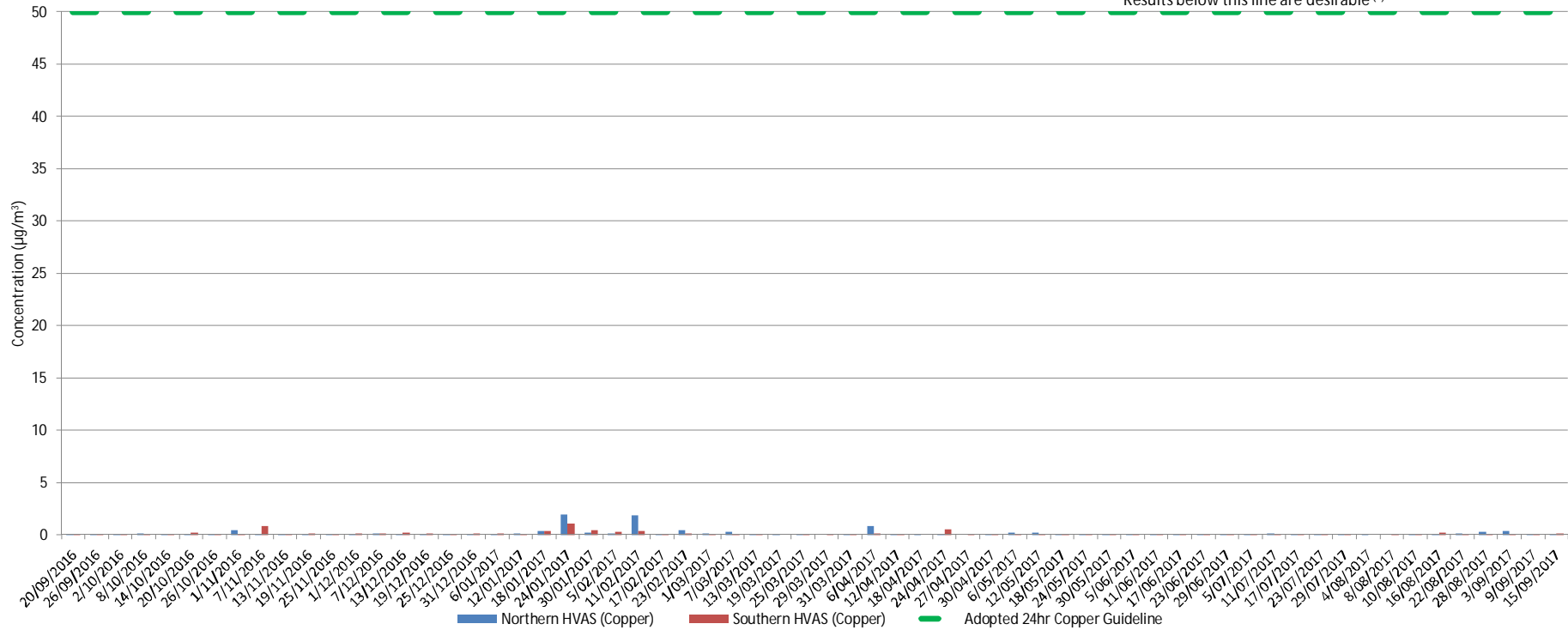
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
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30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	
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18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
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6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
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1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

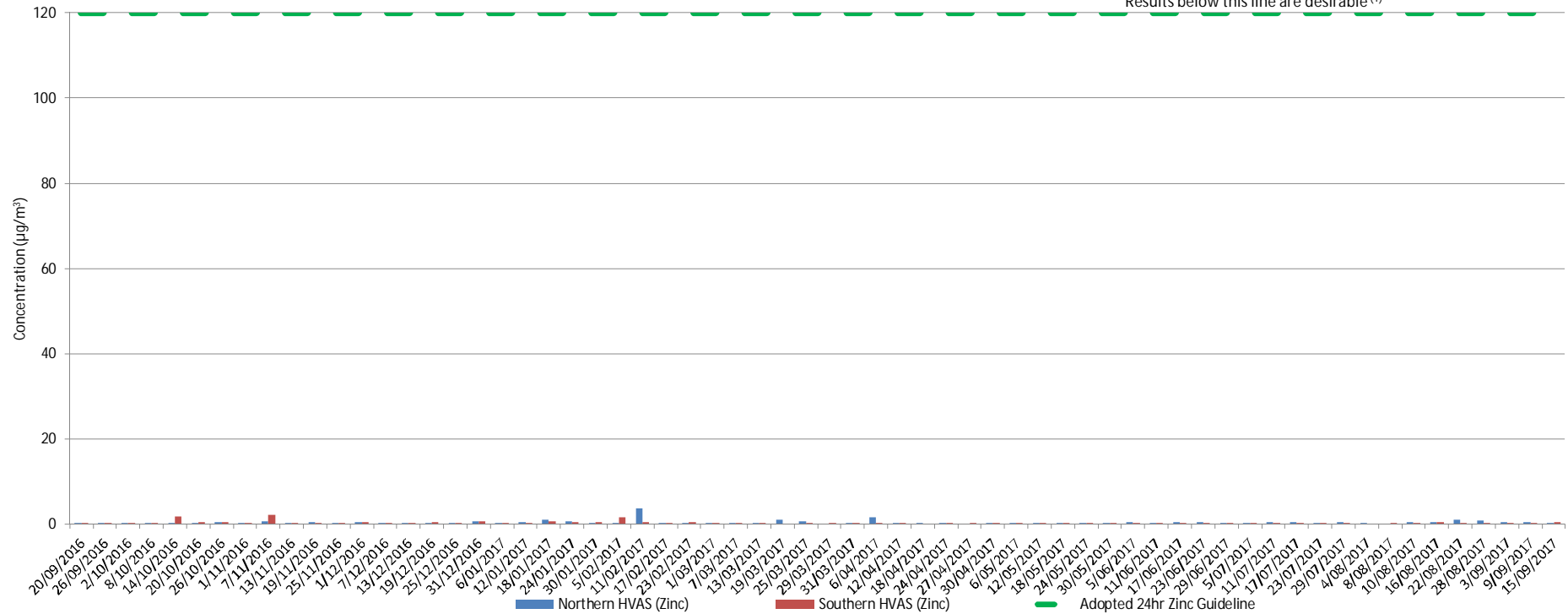
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
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7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	
20/09/2016	62.4	0.012	<0.007	0.06	45.3	0.016	<0.007	0.061	

ConPorts Pty Ltd - 24 Hour Copper



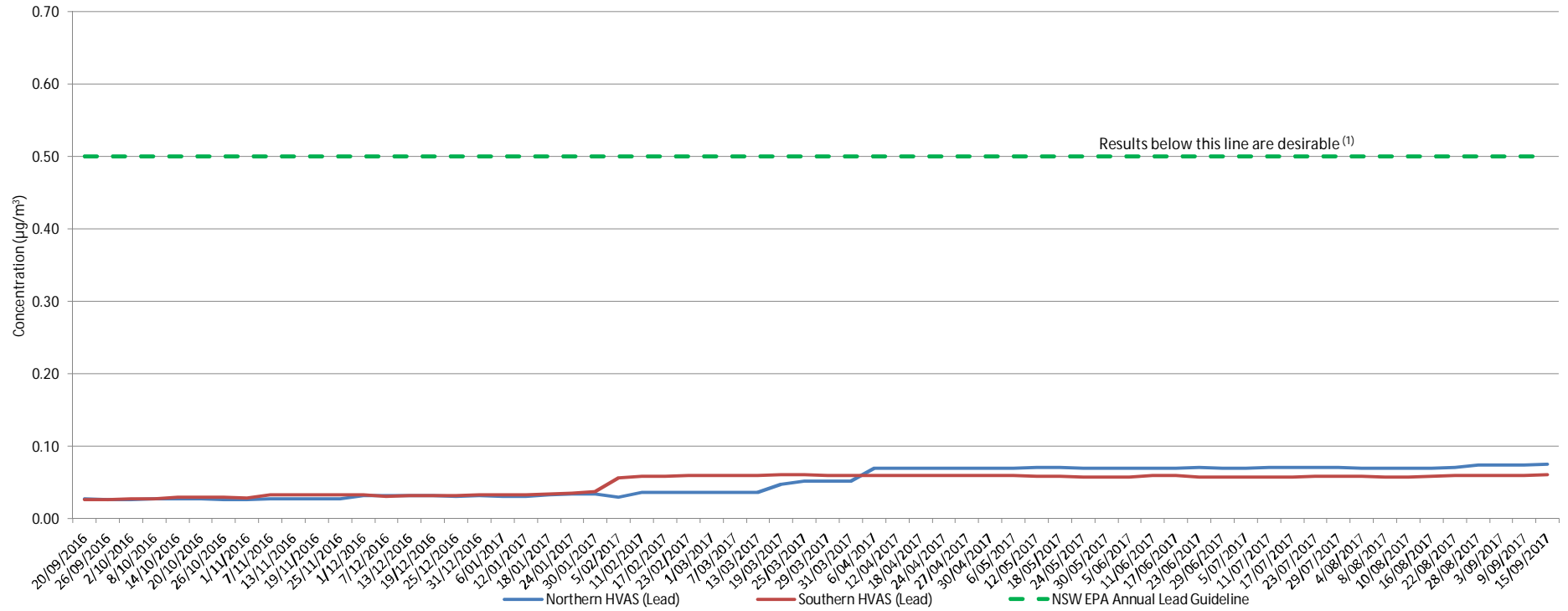
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



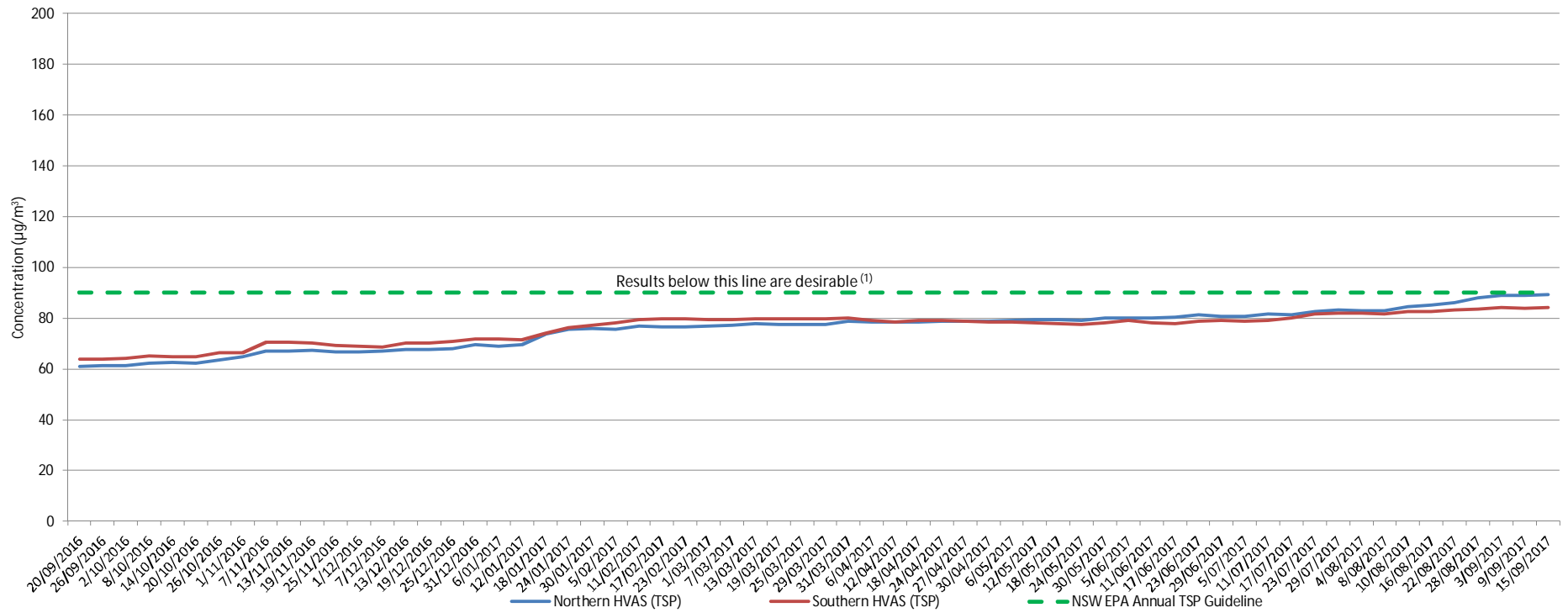
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

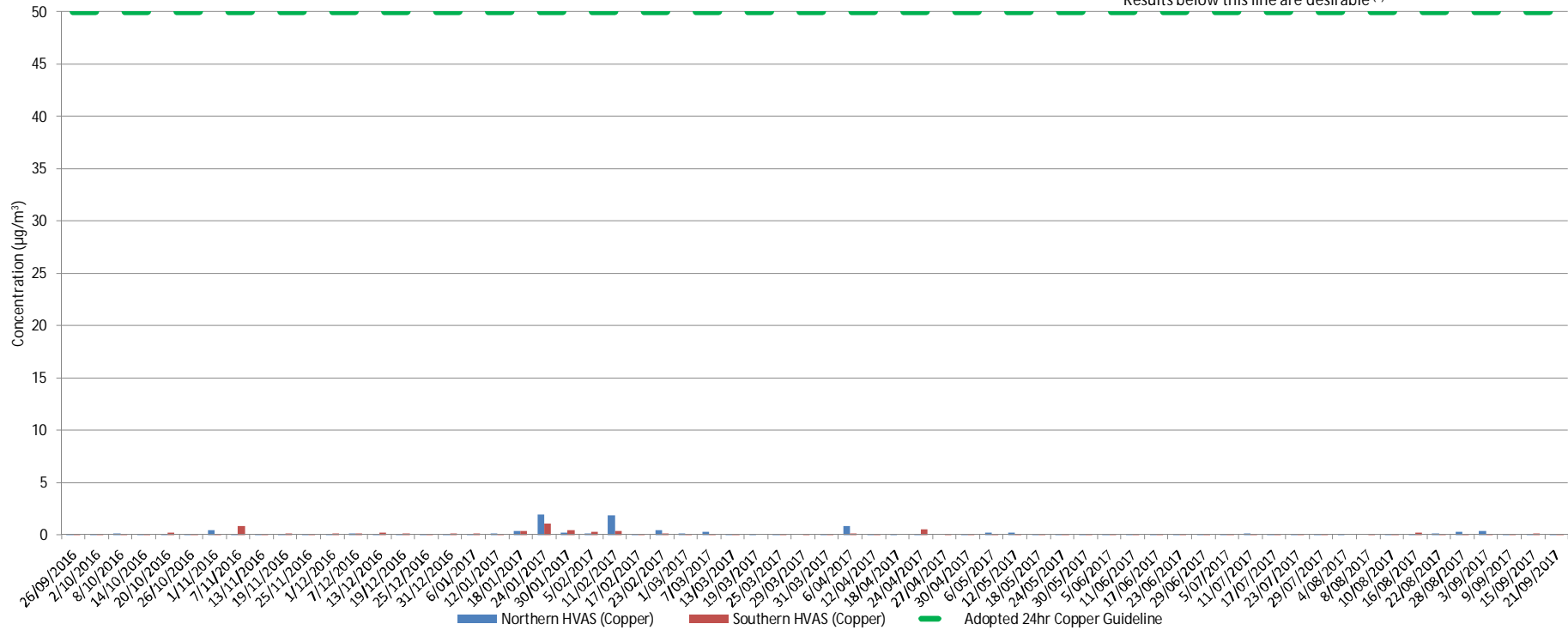
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

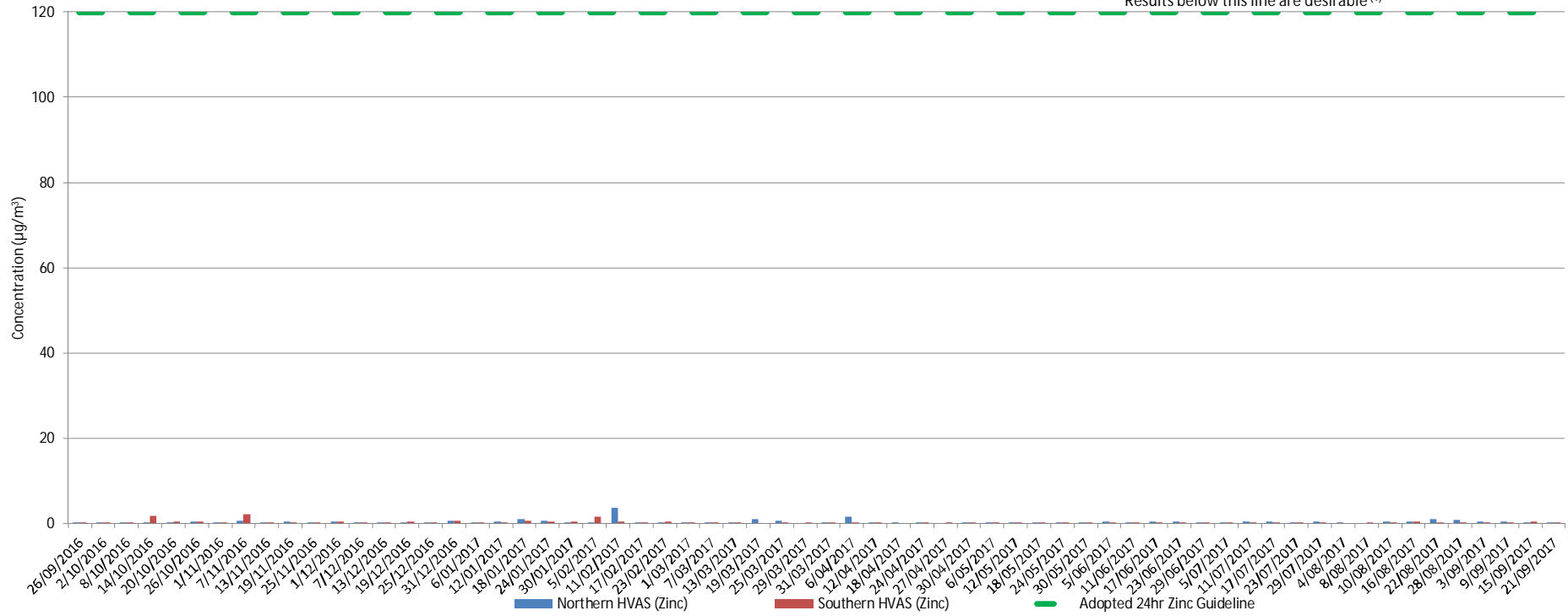
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	
26/09/2016	57.2	0.046	0.010	0.06	40.8	0.036	0.011	0.088	

ConPorts Pty Ltd - 24 Hour Copper



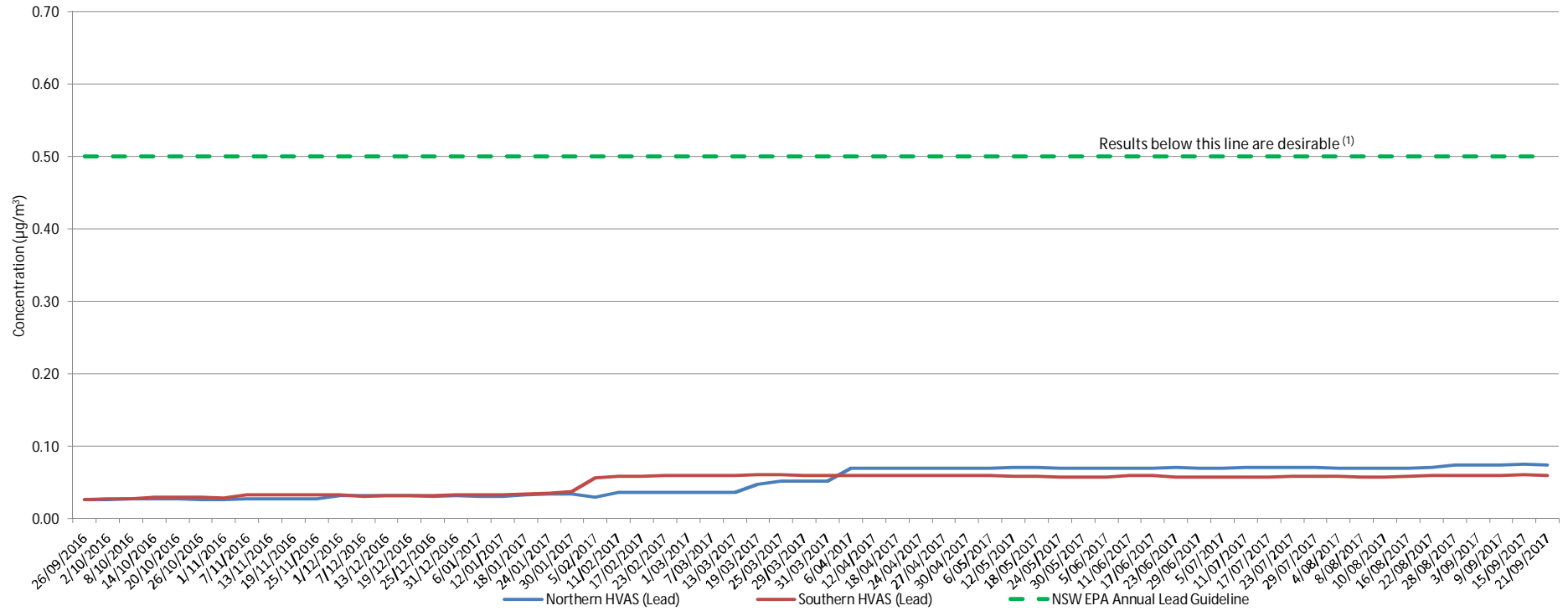
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



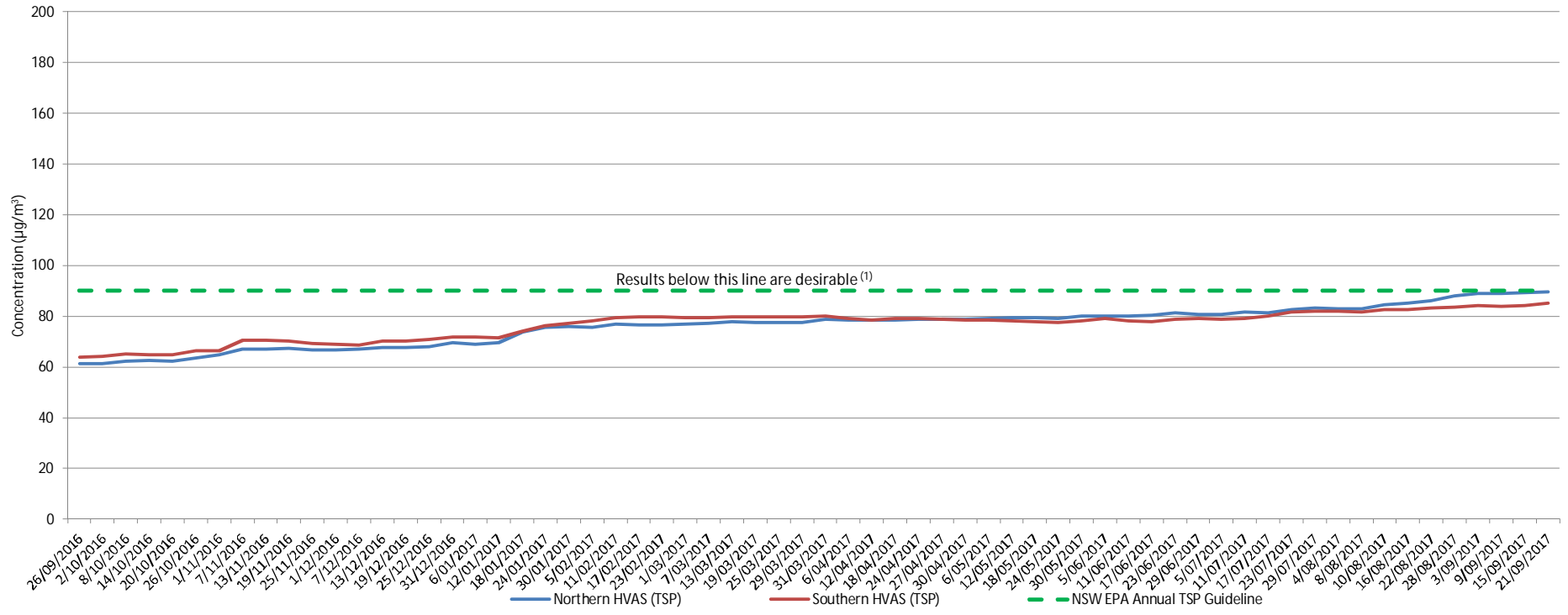
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

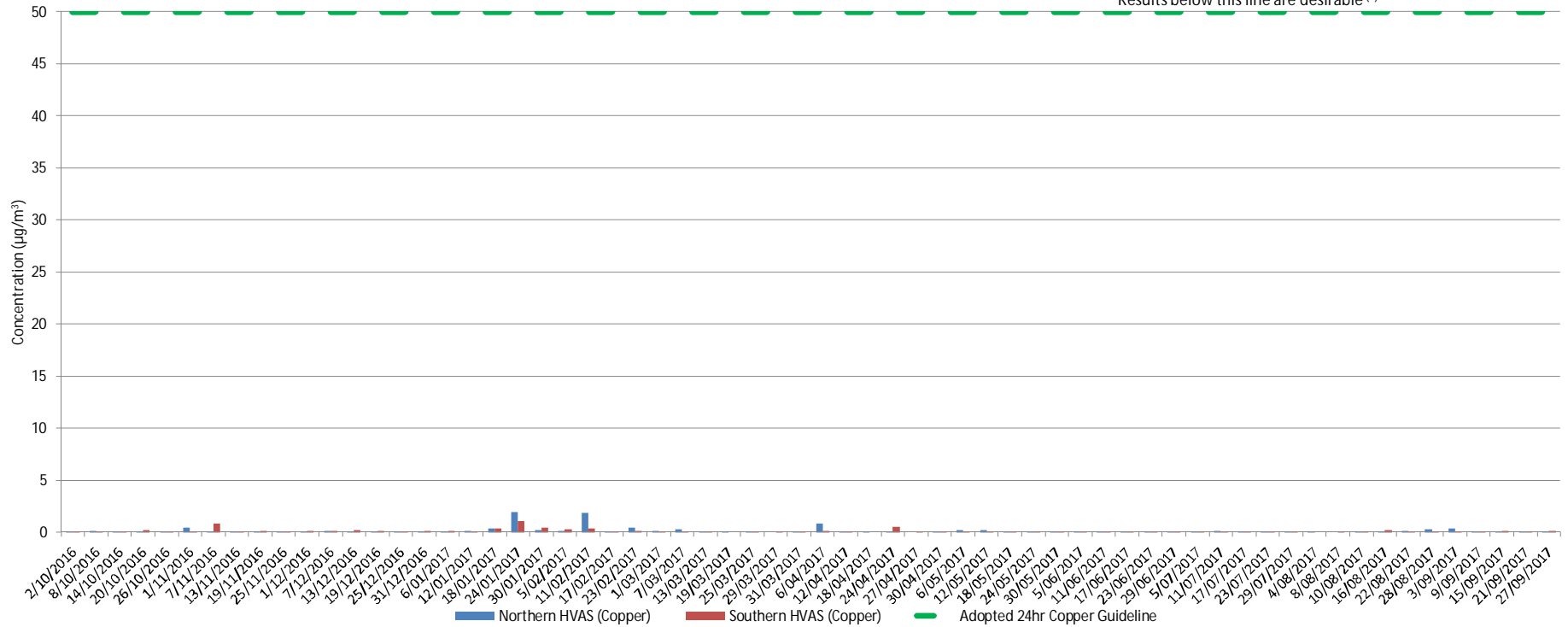
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

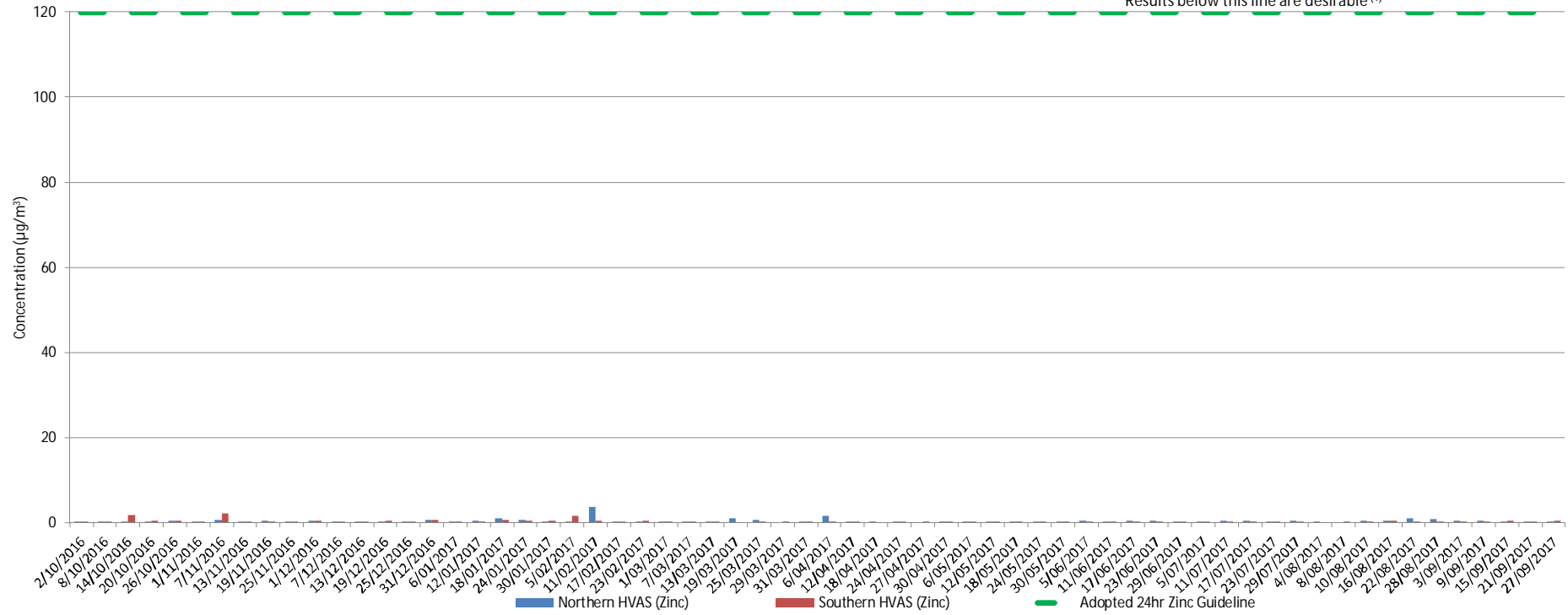
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	
2/10/2016	58.8	0.043	0.025	0.10	73.6	0.056	0.037	0.141	

ConPorts Pty Ltd - 24 Hour Copper



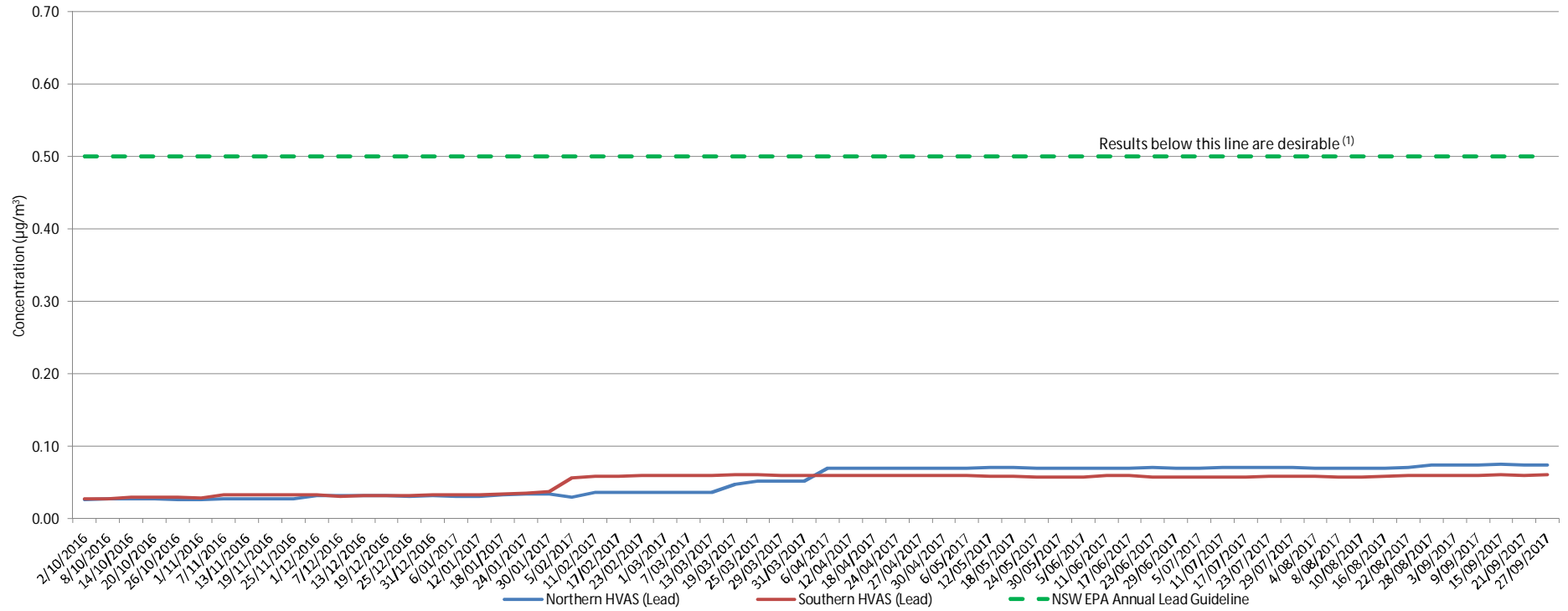
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



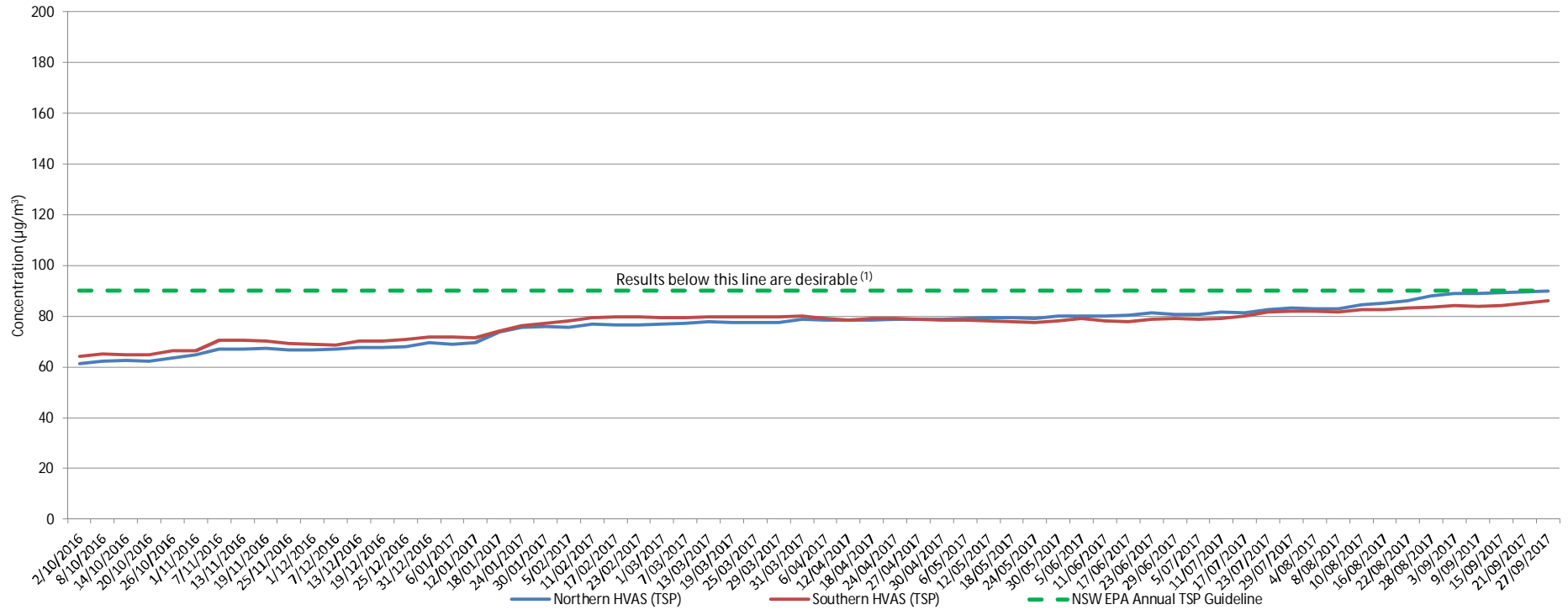
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

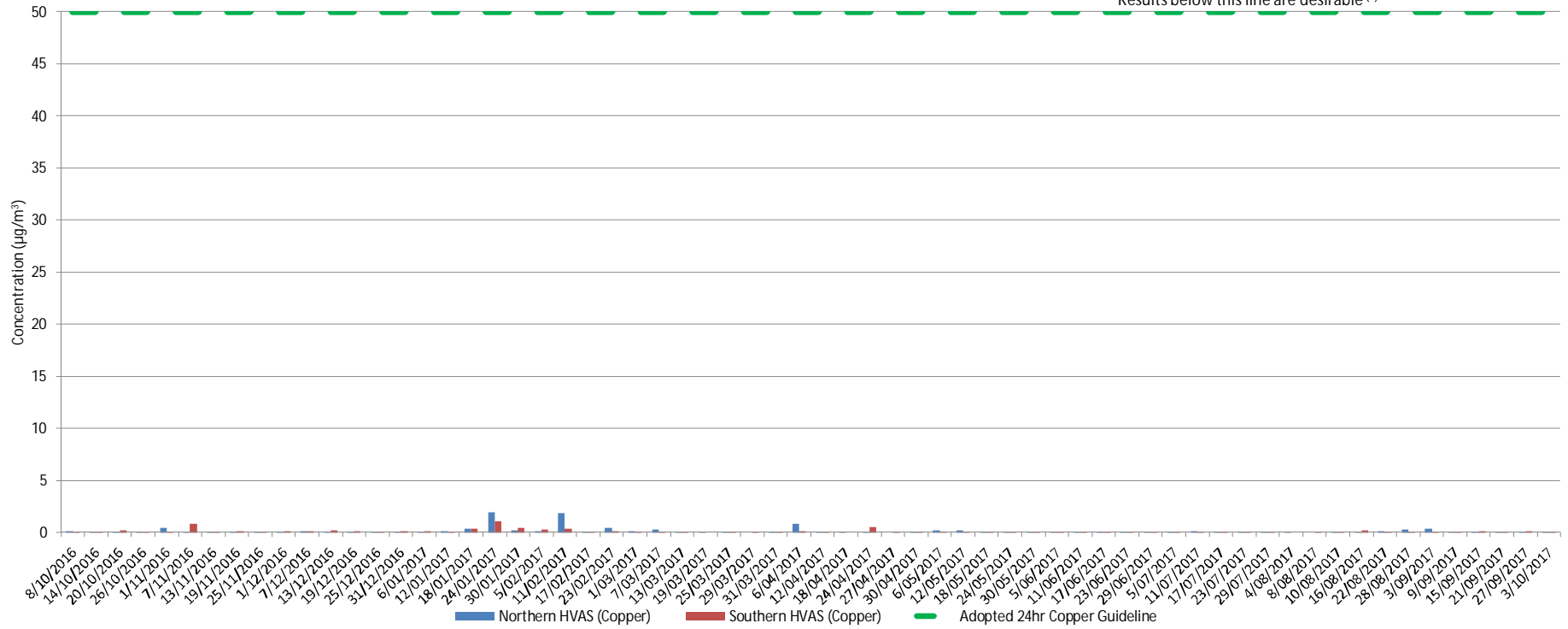
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	South sampler failed to run due to power issue
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

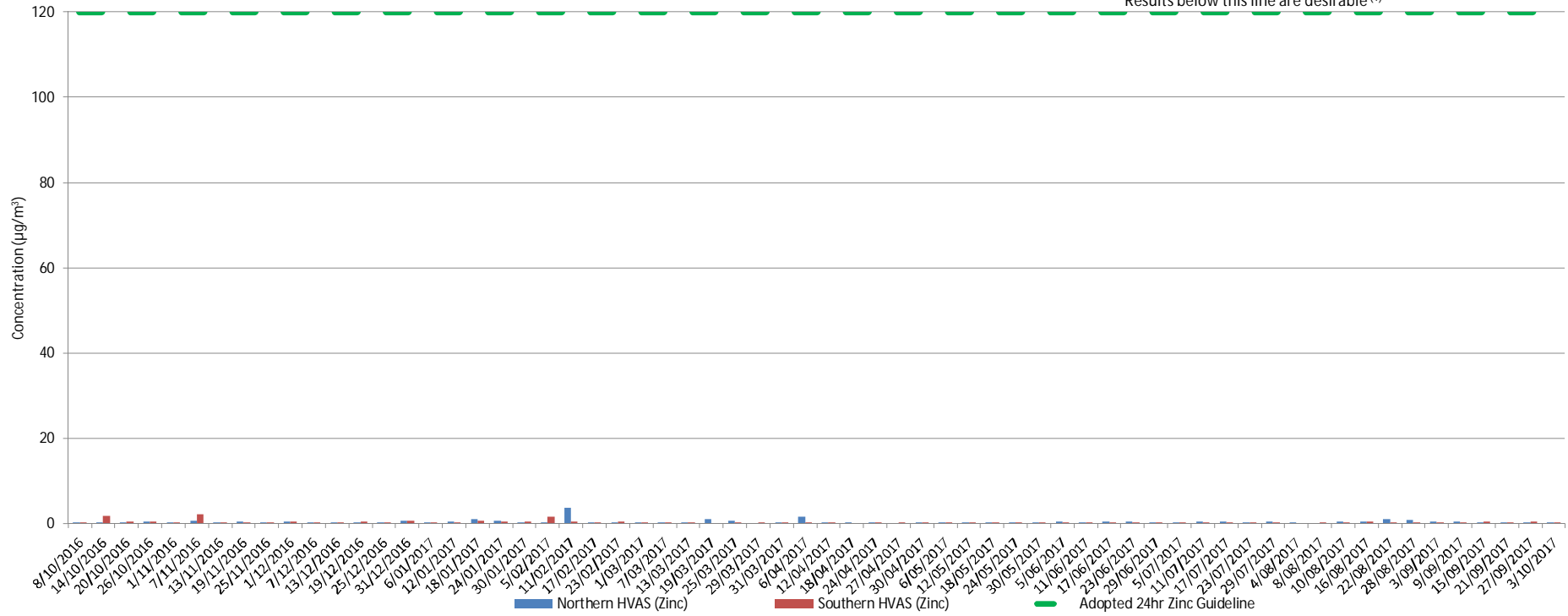
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	
8/10/2016	118.0	0.165	0.033	0.28	122.0	0.057	0.025	0.172	

ConPorts Pty Ltd - 24 Hour Copper



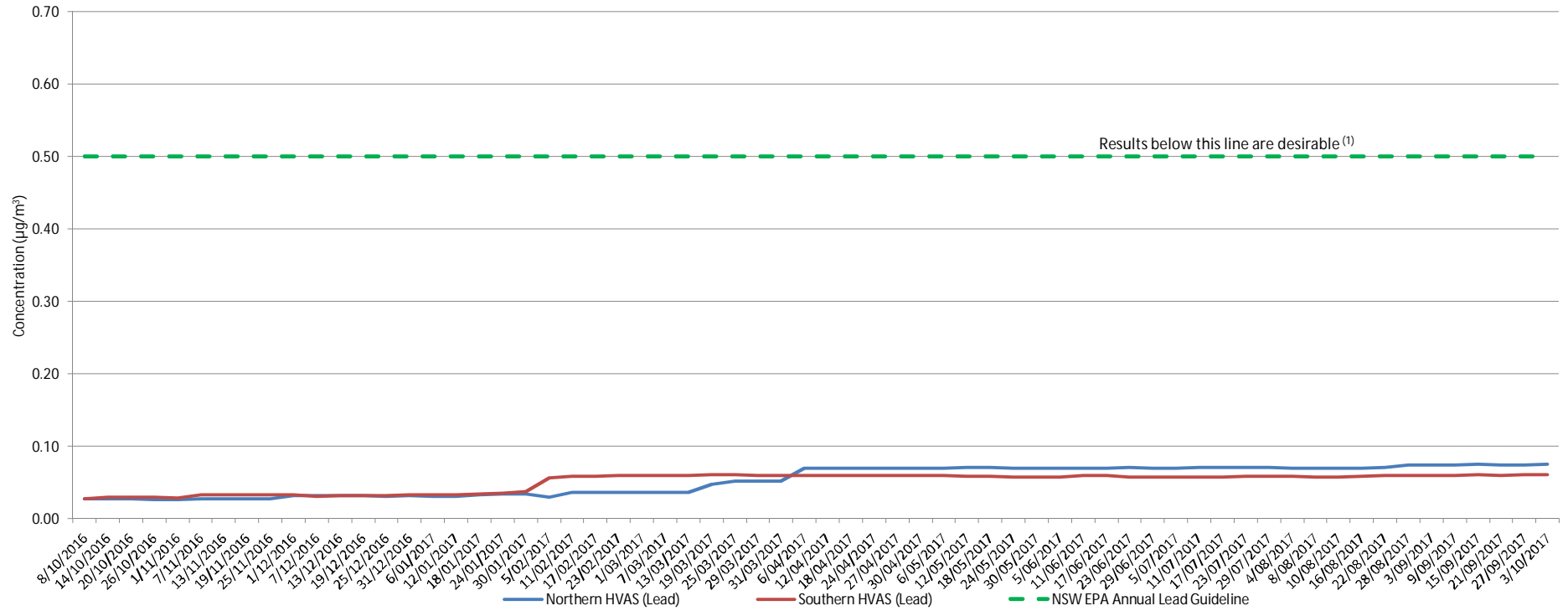
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



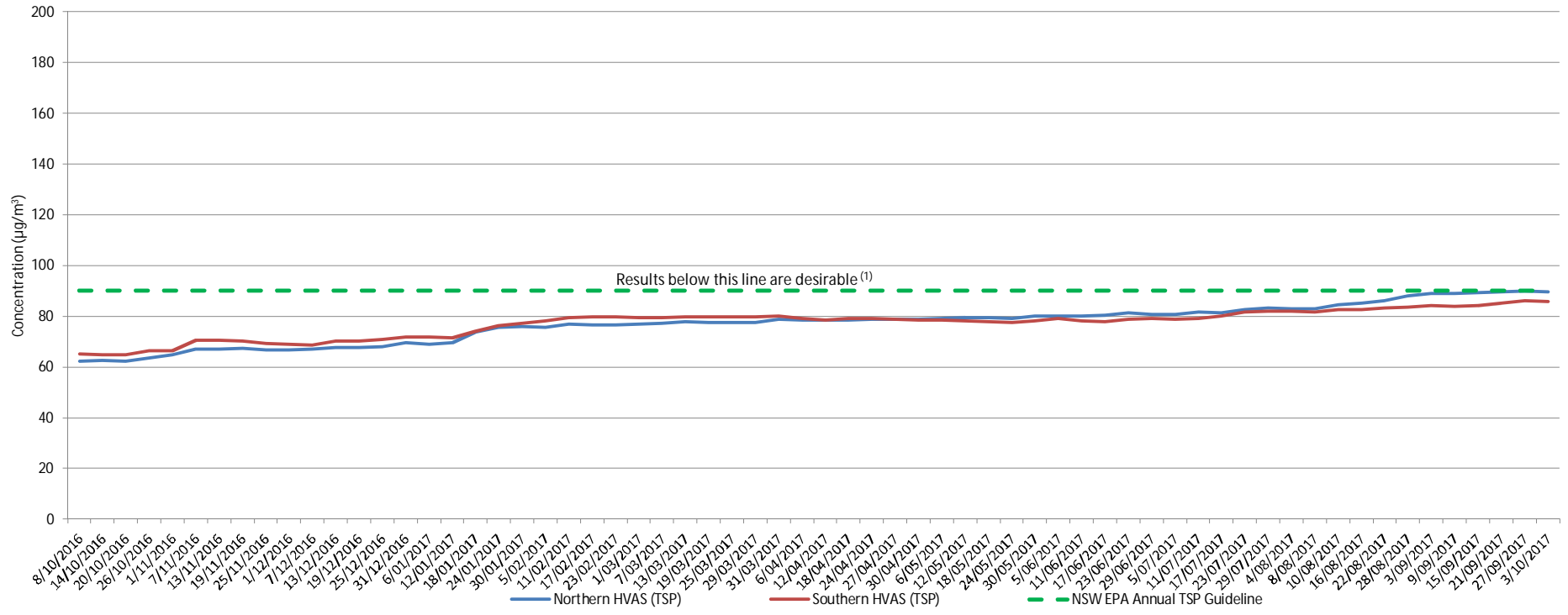
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

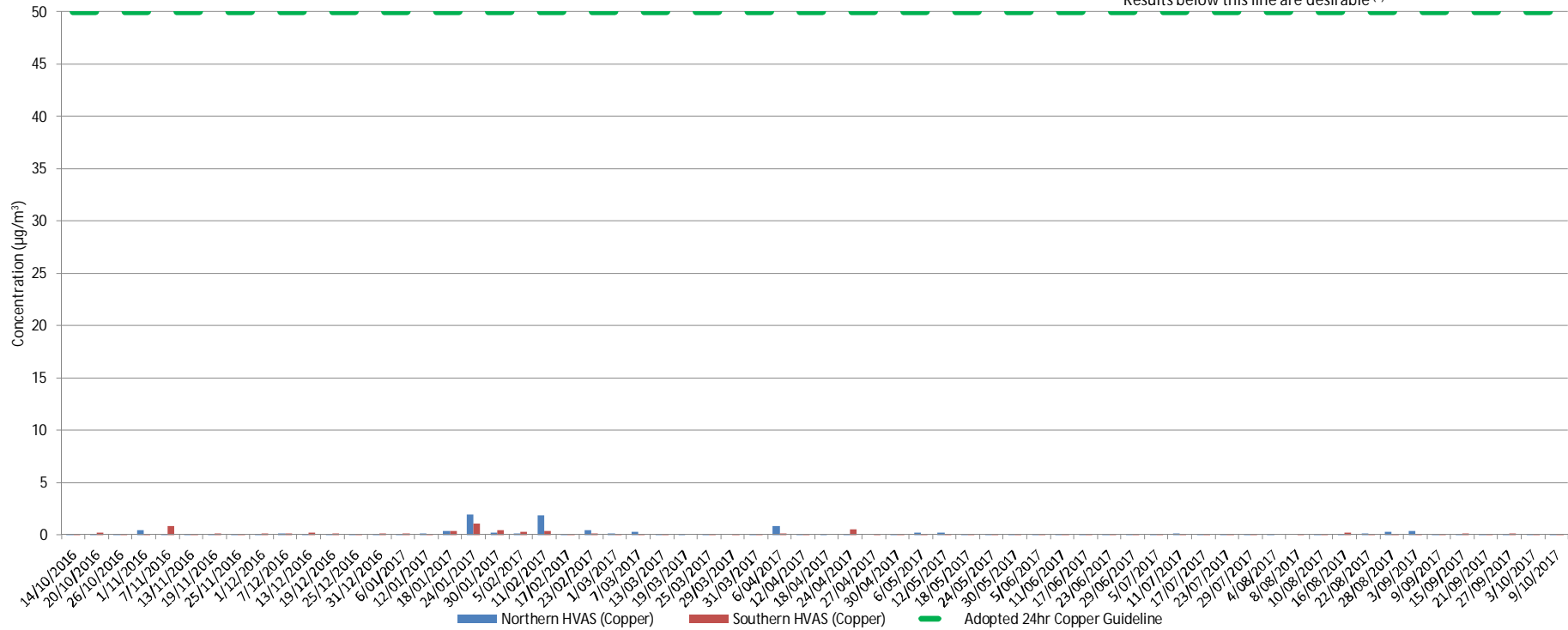
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

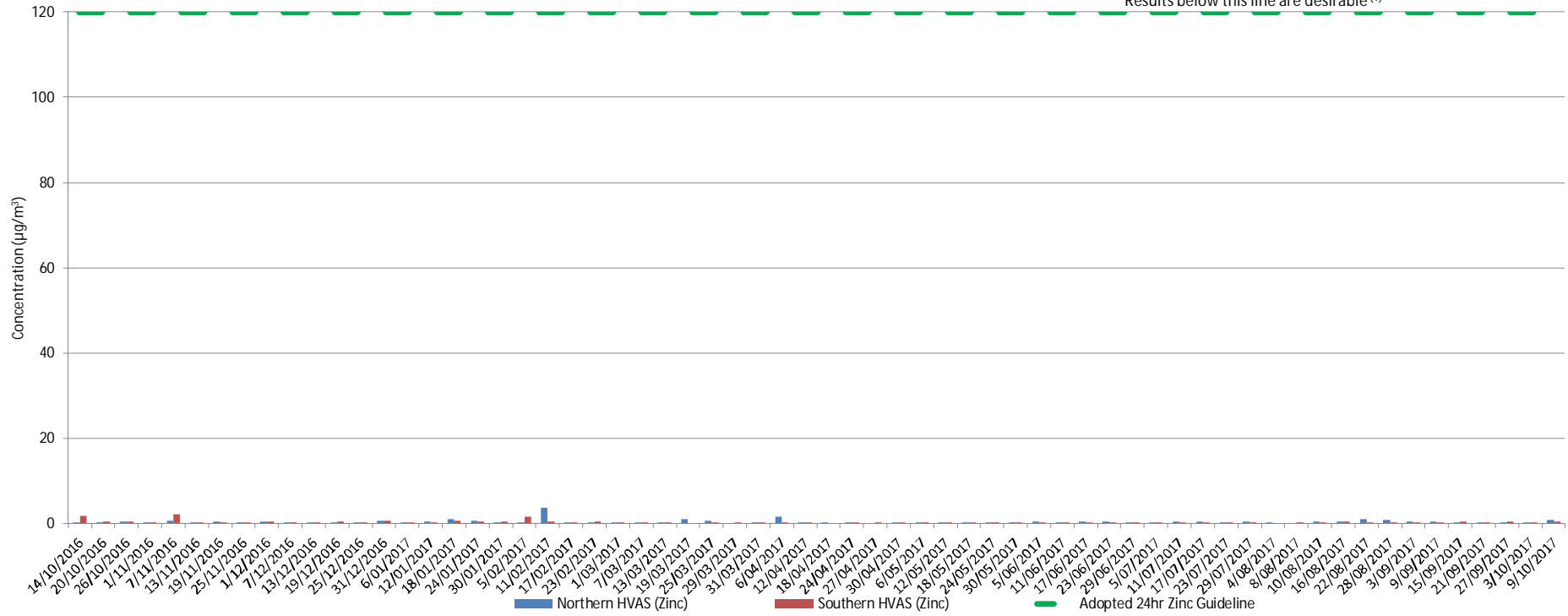
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	
14/10/2016	55.8	0.041	0.014	0.22	49.4	0.048	0.178	1.710	

ConPorts Pty Ltd - 24 Hour Copper



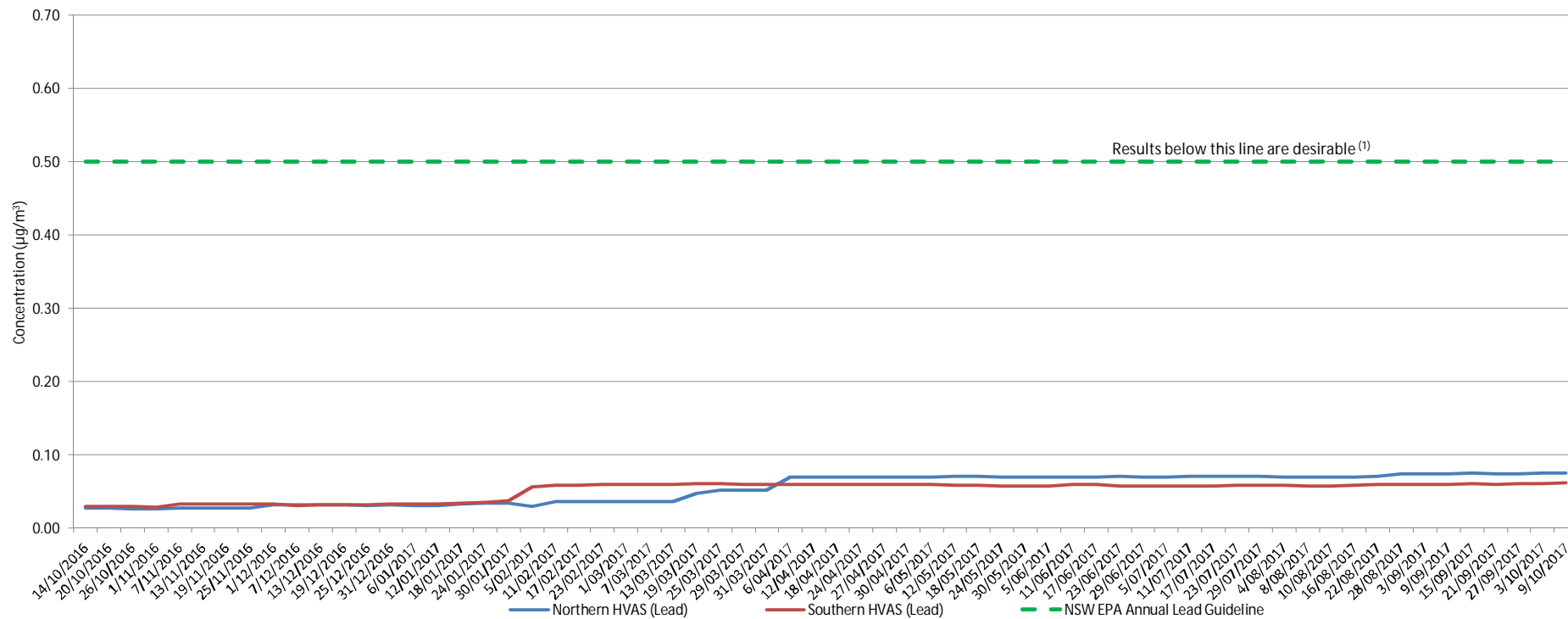
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



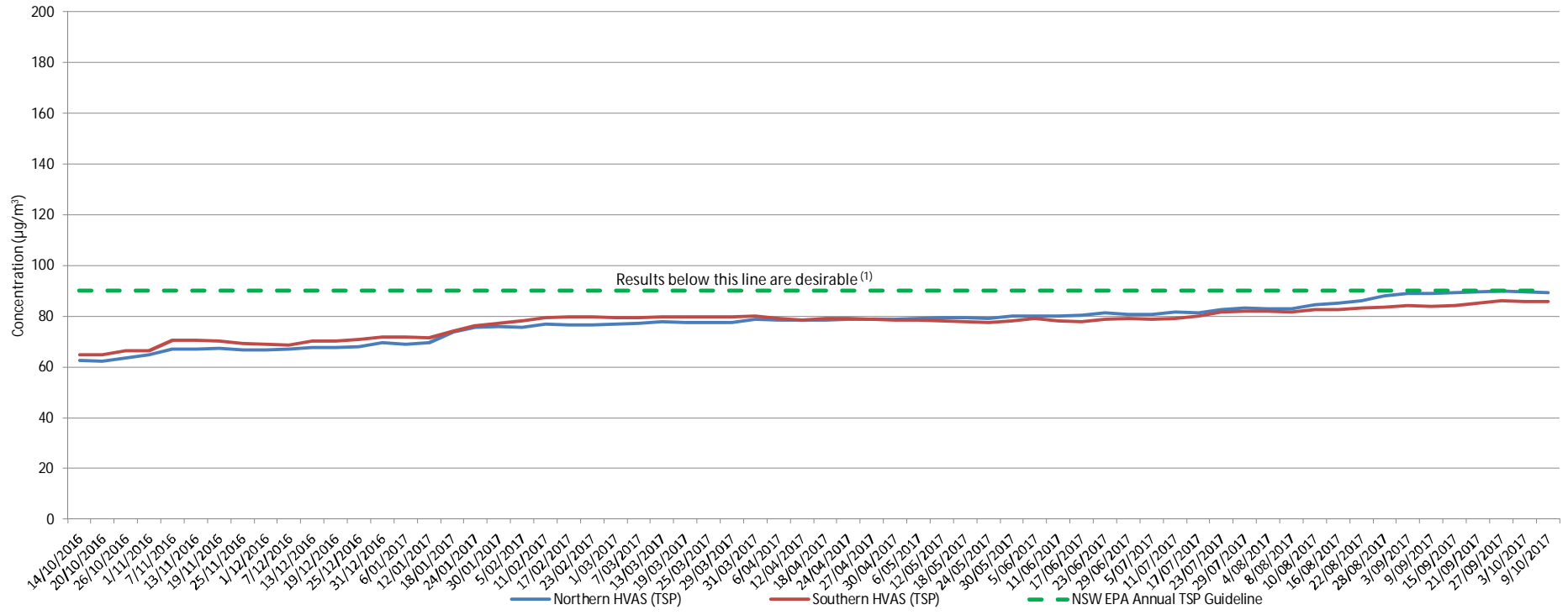
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

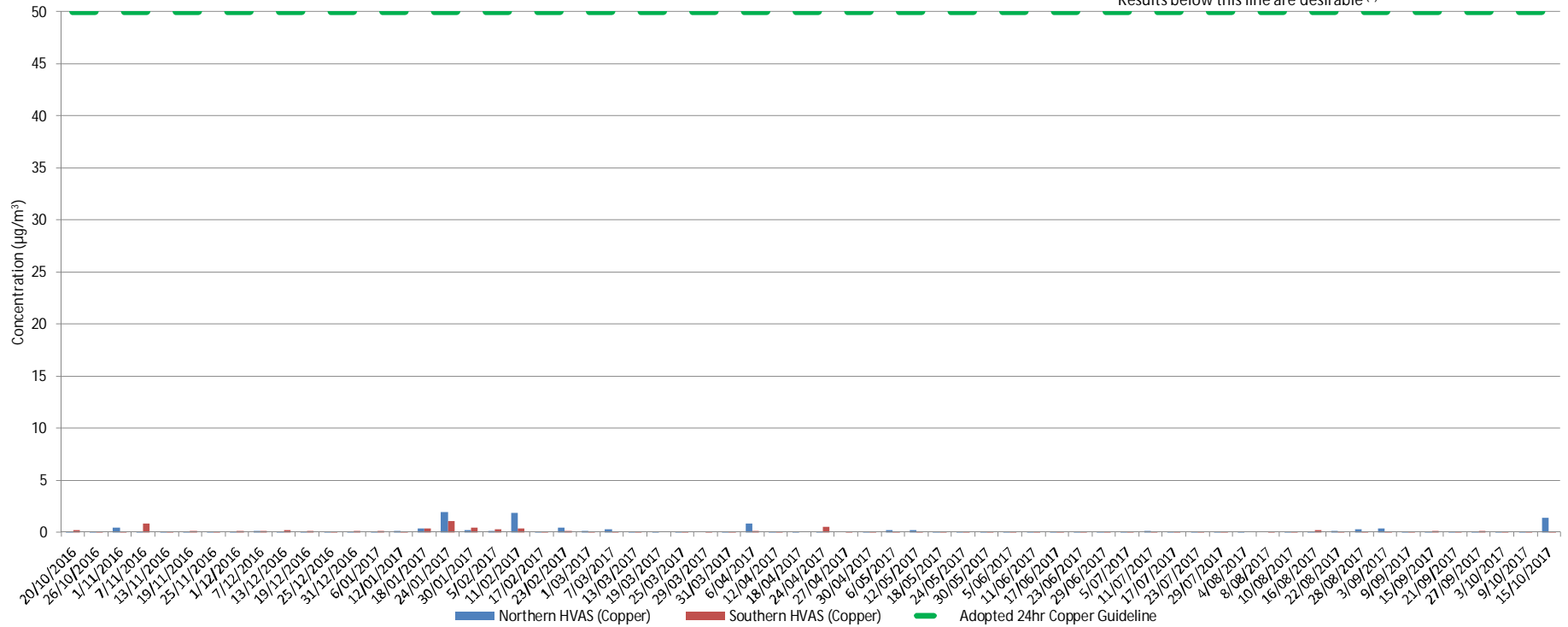
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

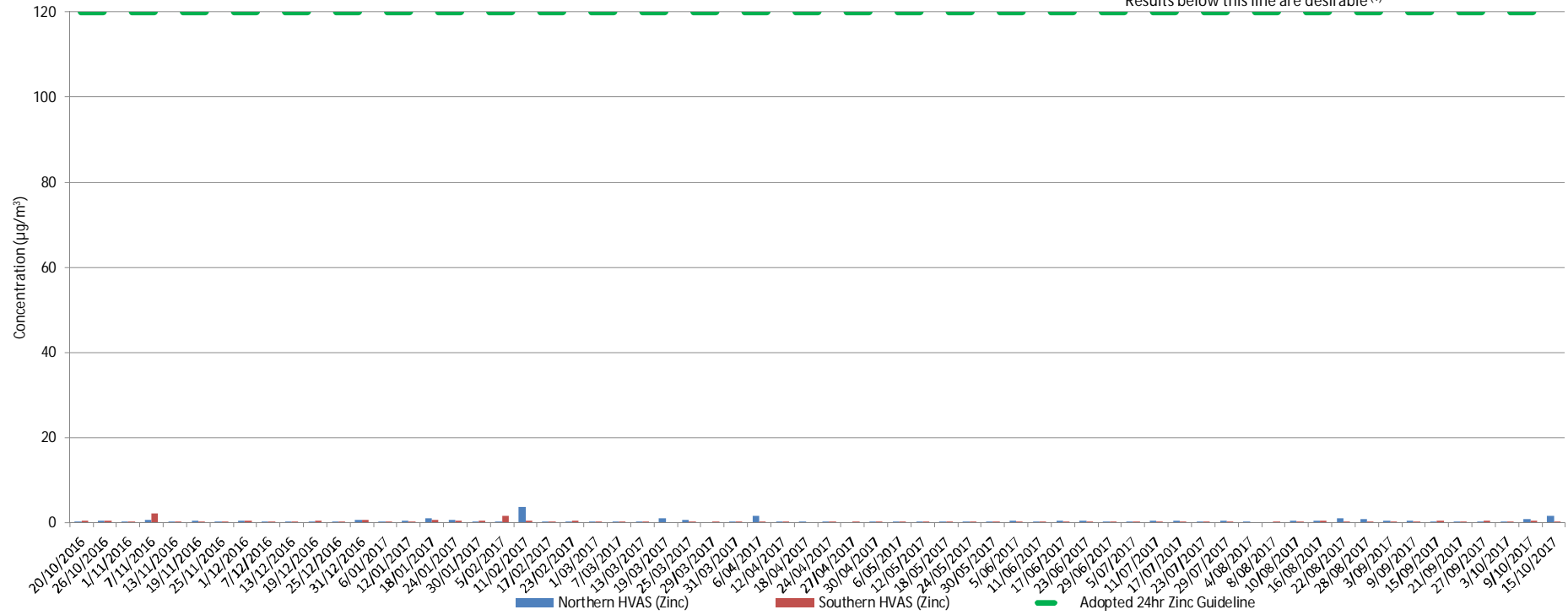
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	
20/10/2016	44.7	0.035	0.022	0.27	56.0	0.257	0.048	0.445	

ConPorts Pty Ltd - 24 Hour Copper



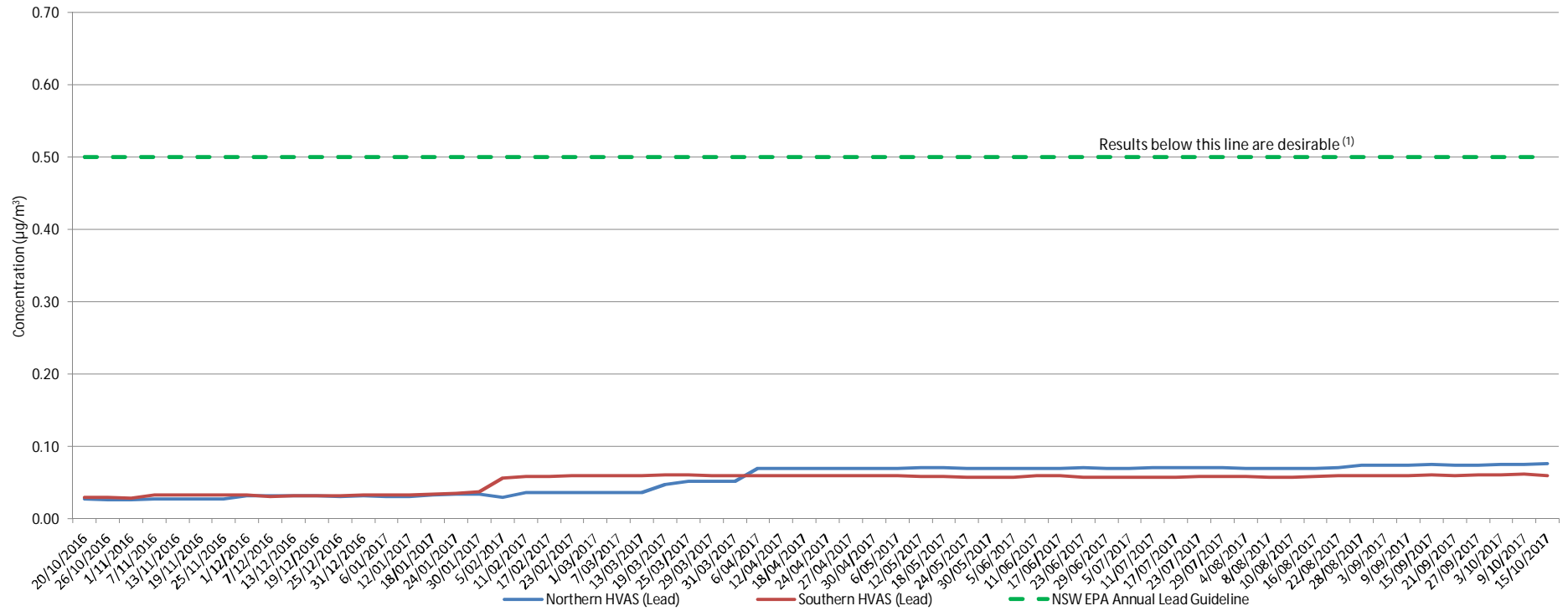
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



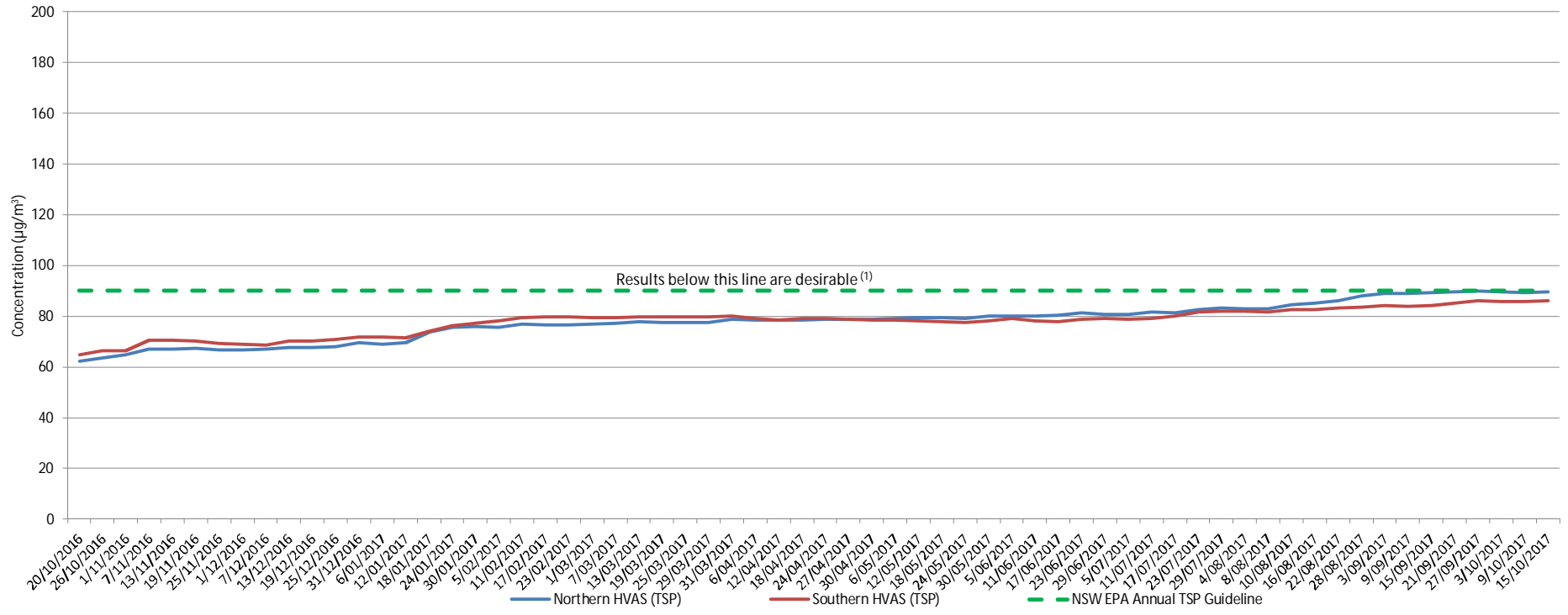
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

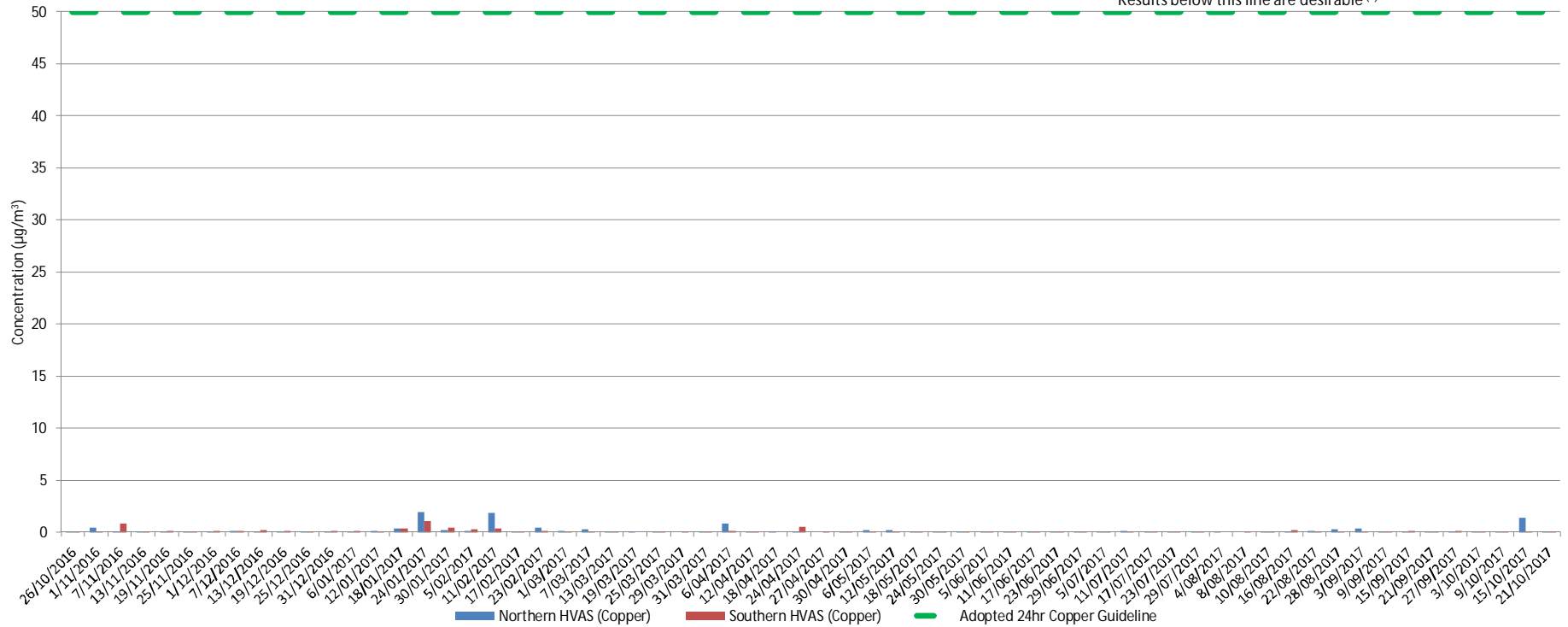
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

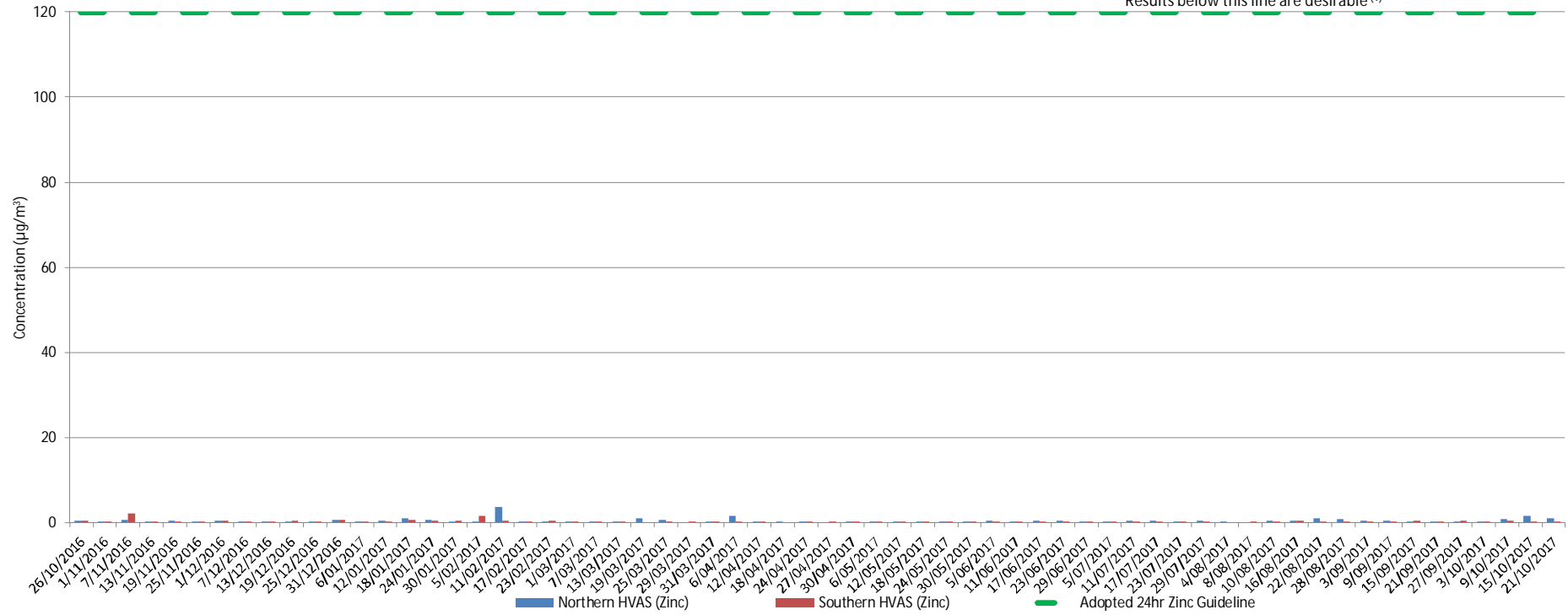
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	
26/10/2016	139.0	0.047	0.024	0.40	186.0	0.094	0.033	0.462	

ConPorts Pty Ltd - 24 Hour Copper



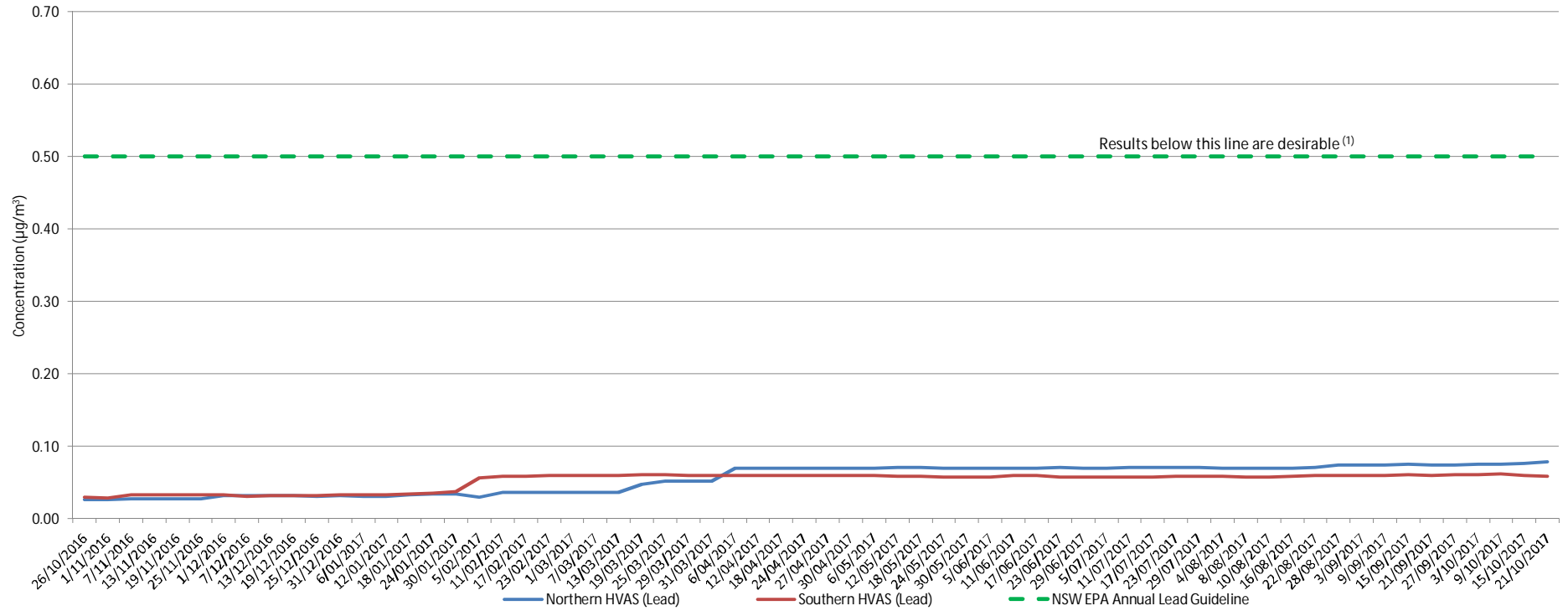
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



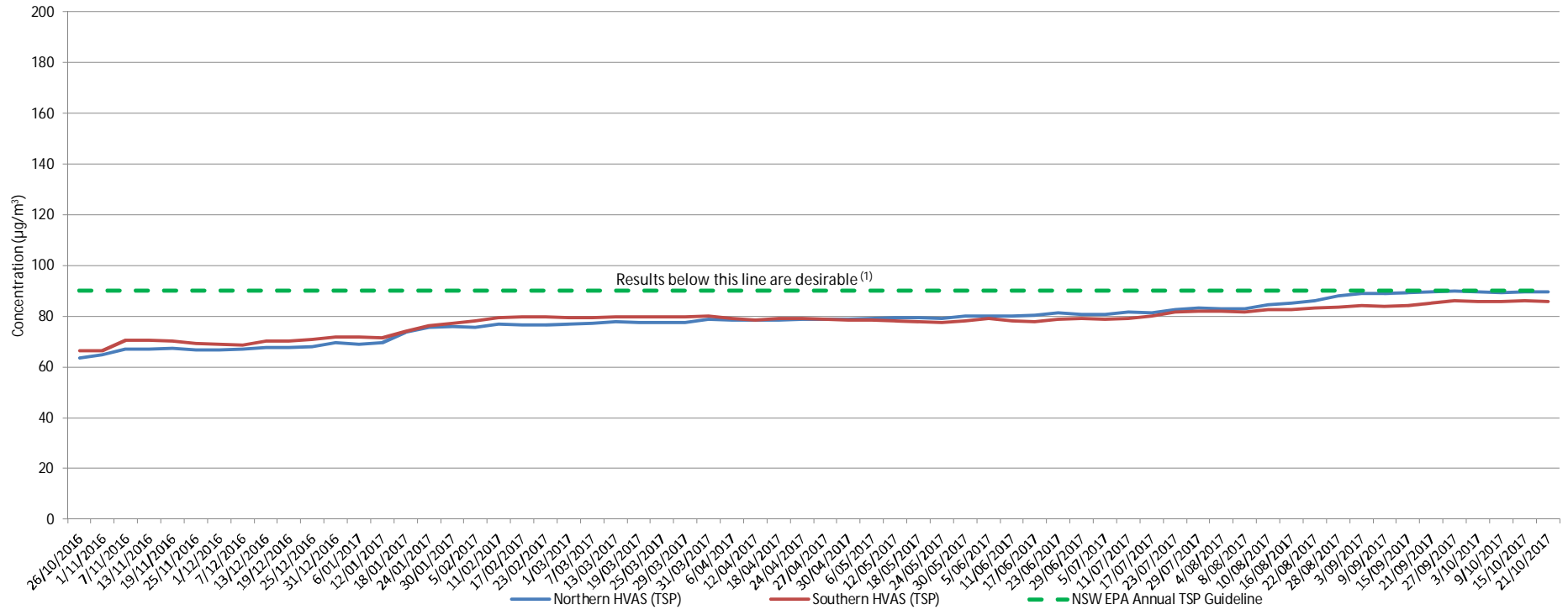
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

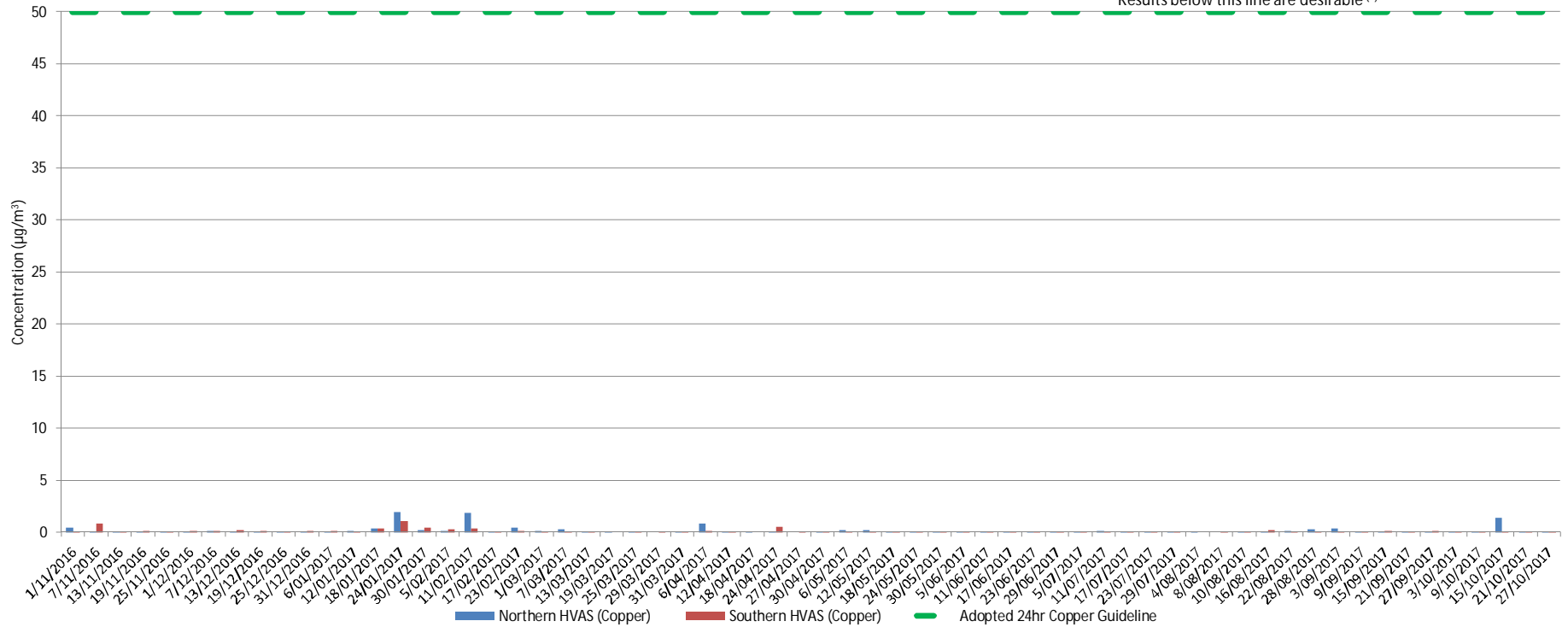
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

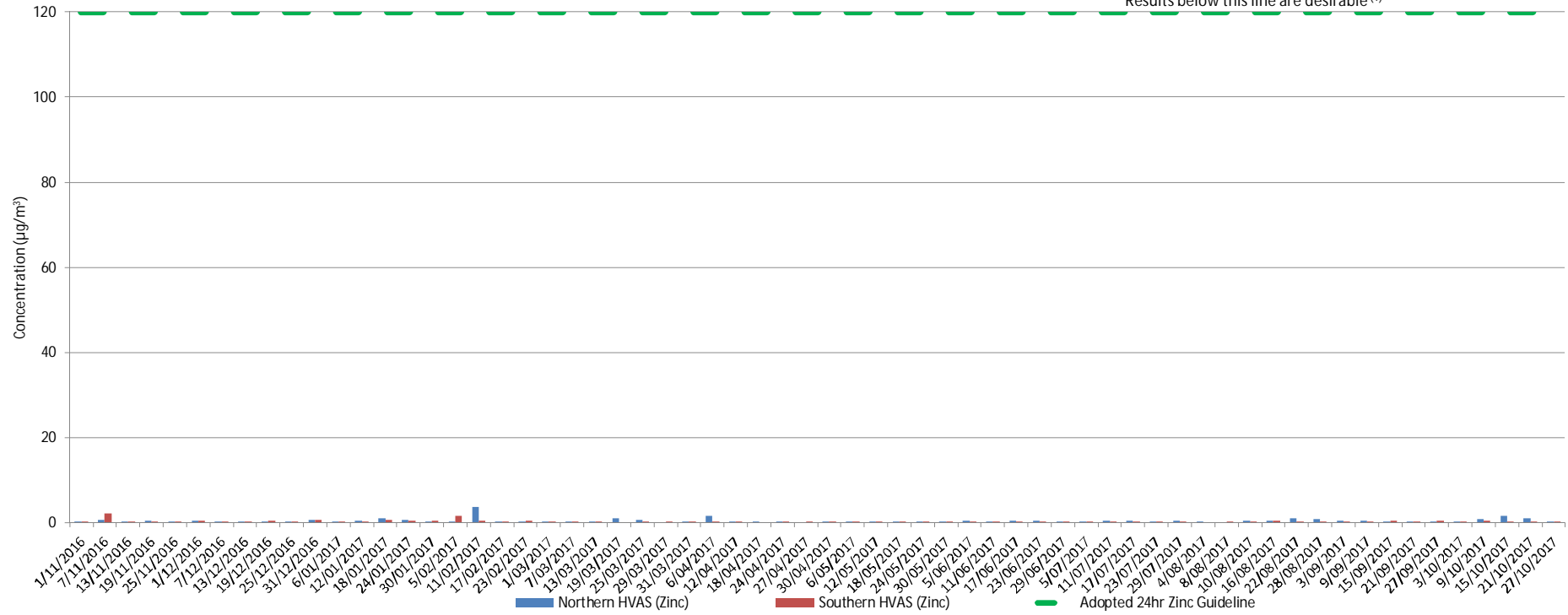
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	
1/11/2016	135.0	0.480	0.024	0.24	62.2	0.046	0.022	0.306	

ConPorts Pty Ltd - 24 Hour Copper



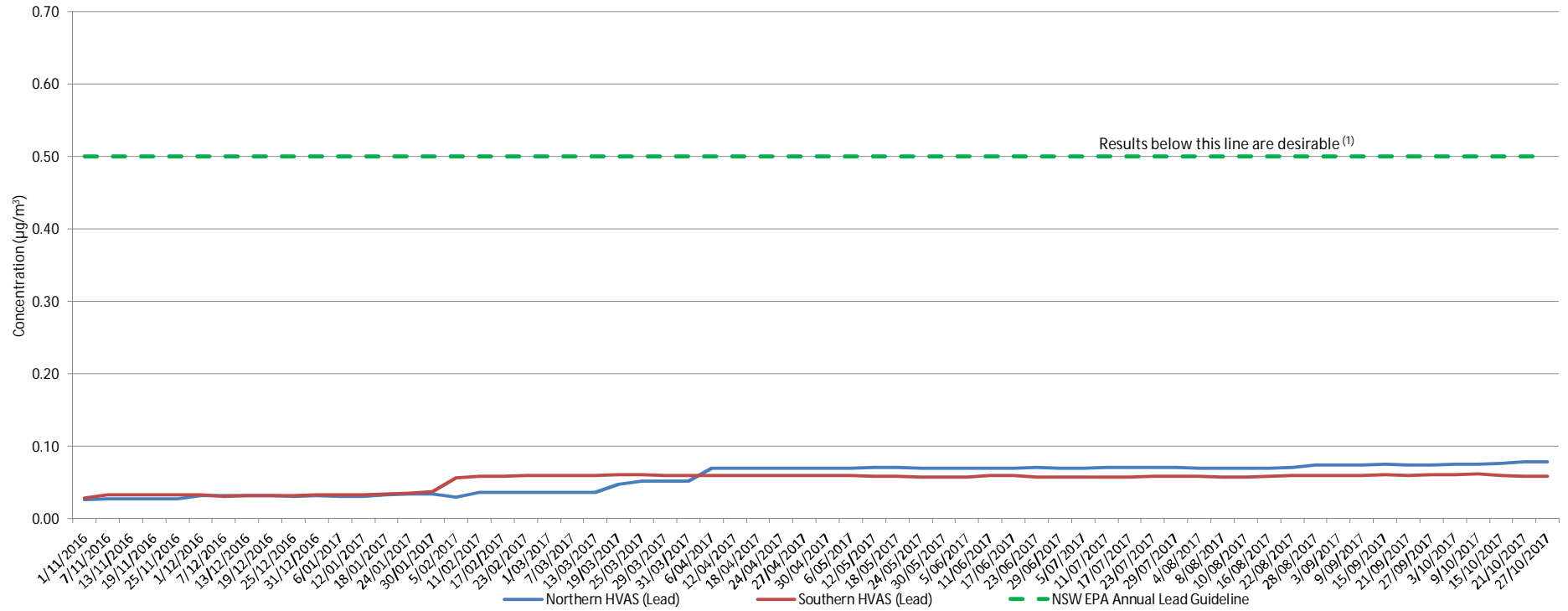
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



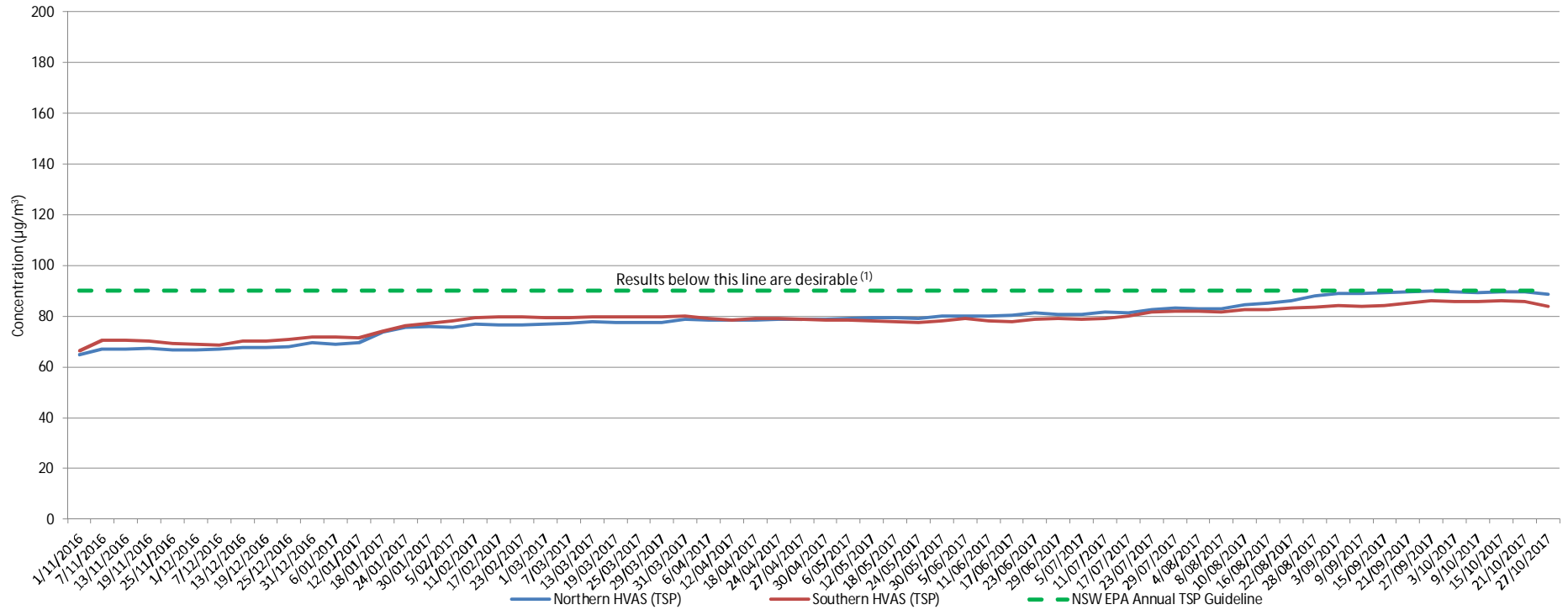
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

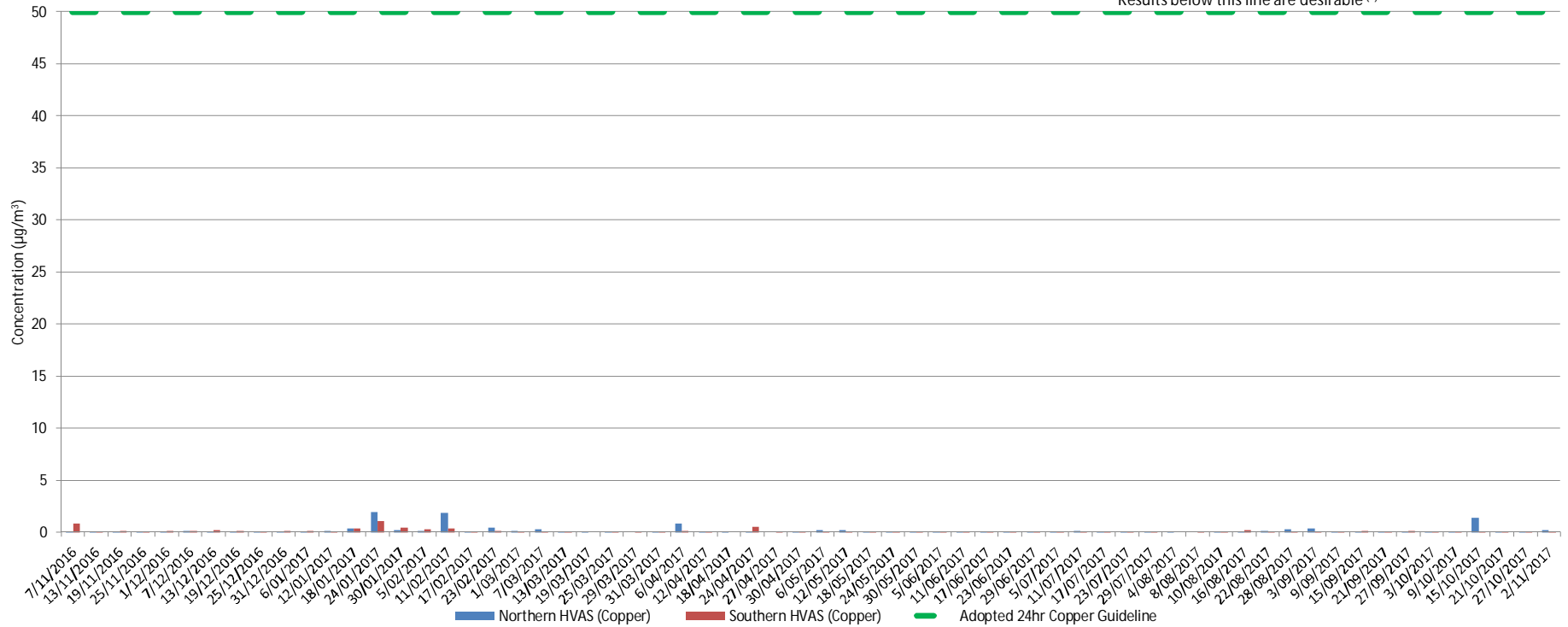
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
27/10/2017	78.1	0.079	0.024	0.30	59.6	0.056	0.034	0.154	
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
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10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	South sampler failed to run due to power issue
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
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17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
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6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

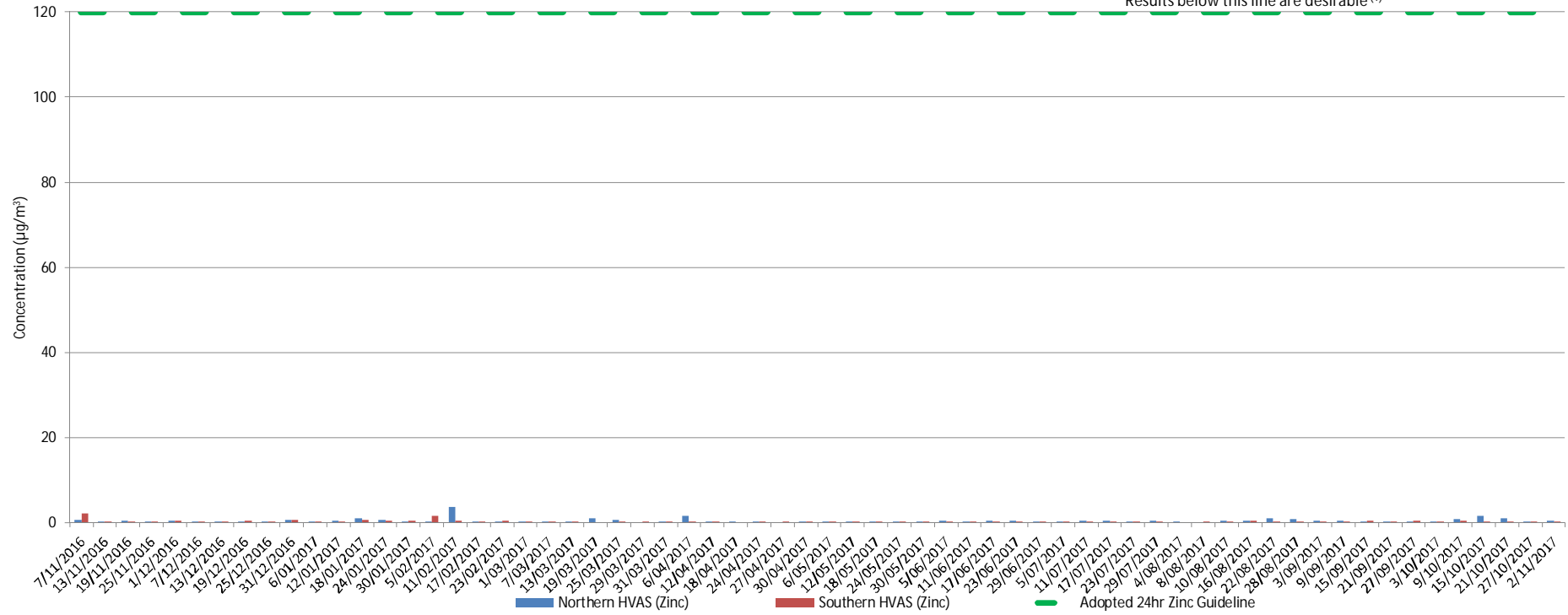
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	
7/11/2016	172.0	0.100	0.042	0.51	291.0	0.869	0.271	2.050	

ConPorts Pty Ltd - 24 Hour Copper



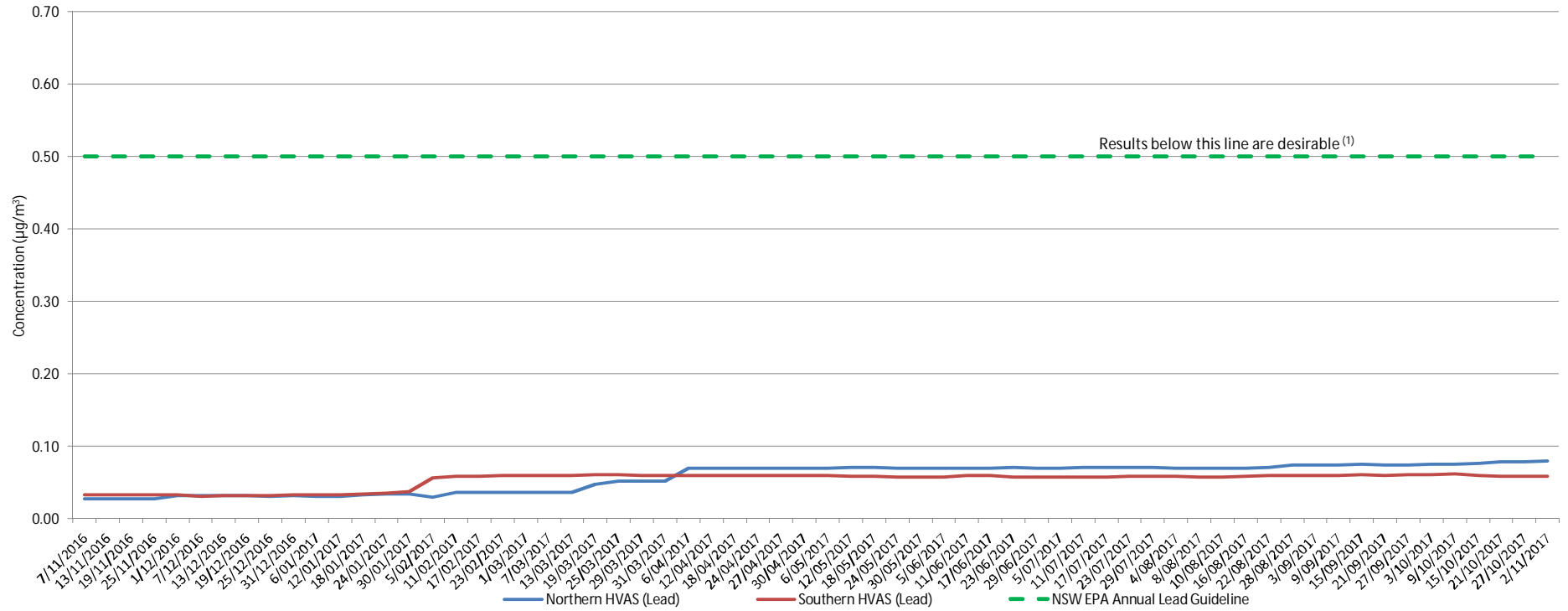
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



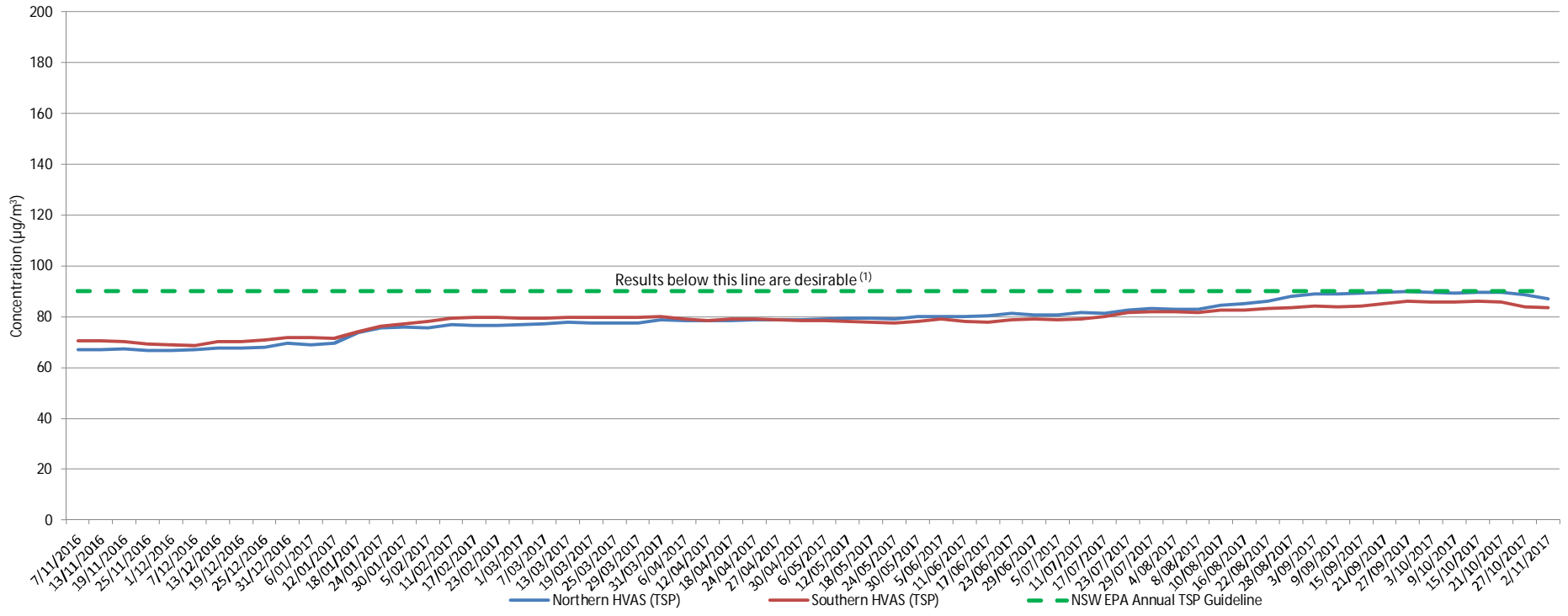
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

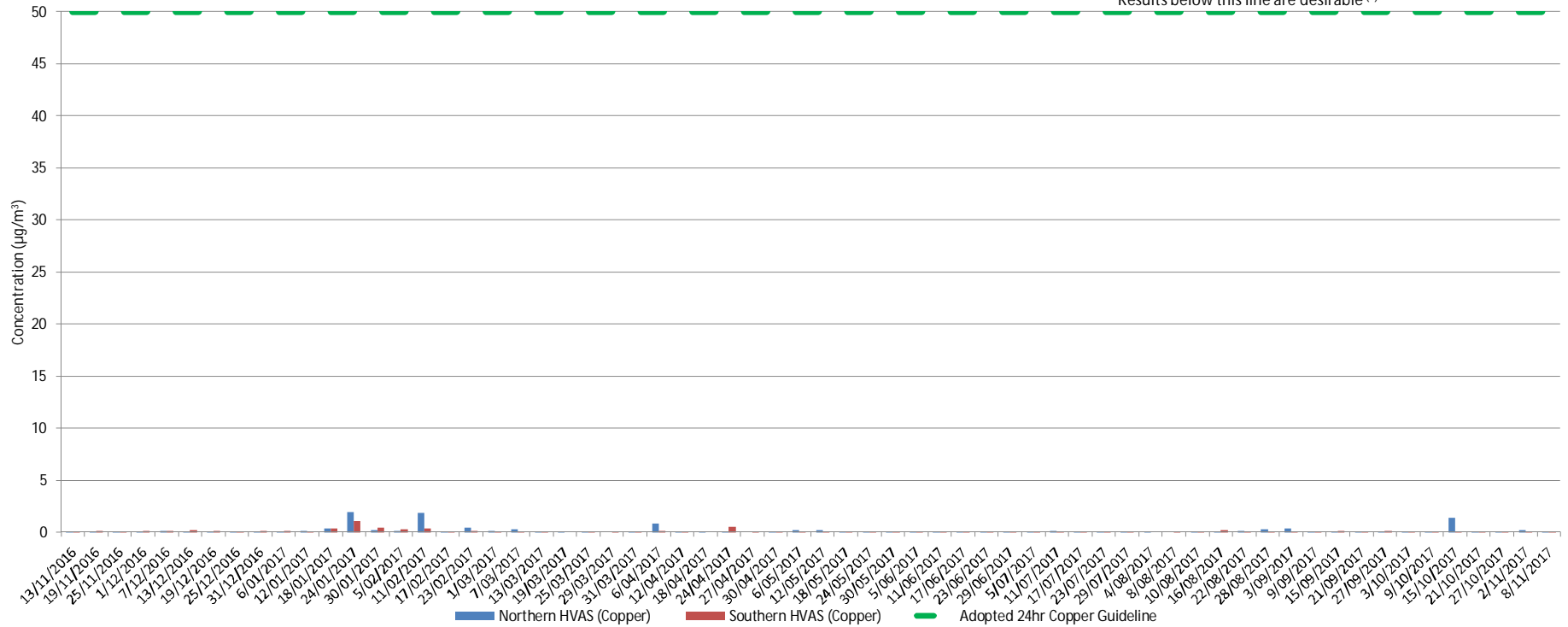
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
2/11/2017	50.8	0.185	0.059	0.47	50.8	0.032	0.011	0.098	
27/10/2017	78.1	0.079	0.024	0.30	59.6	0.056	0.034	0.154	
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

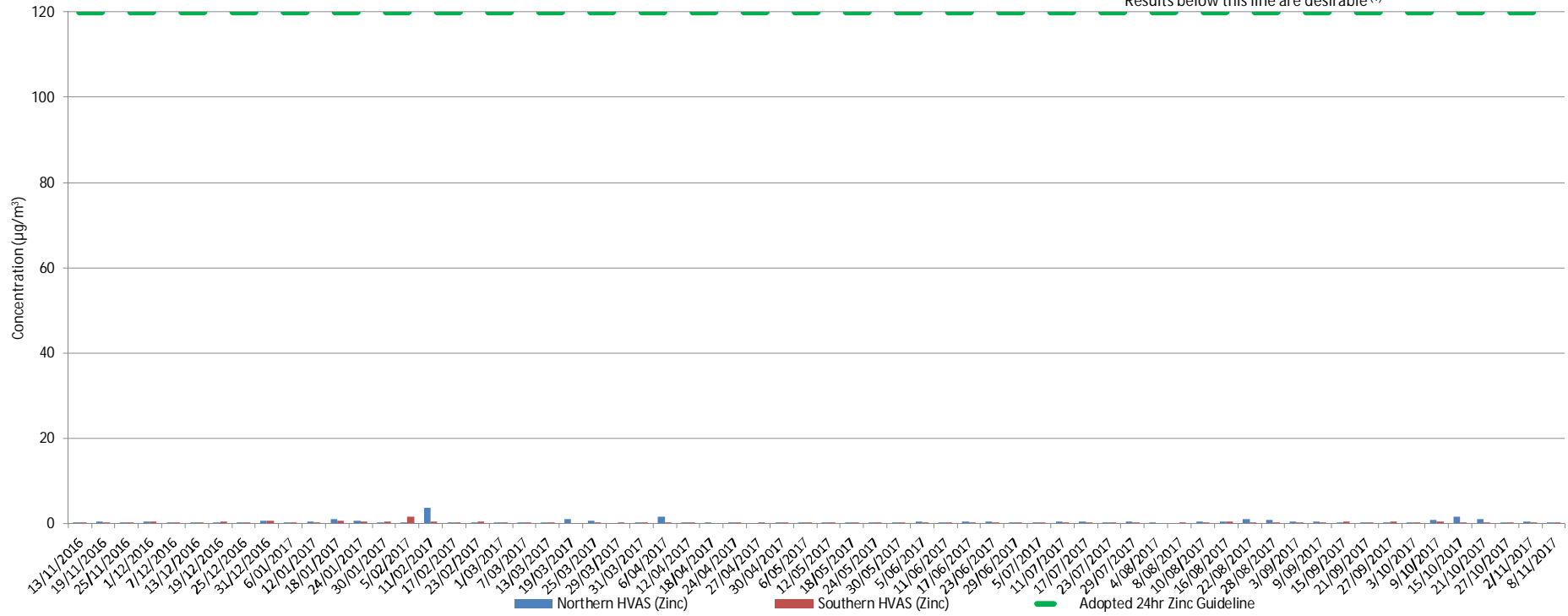
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	
13/11/2016	50.0	0.100	0.010	0.09	53.2	0.062	0.021	0.172	

ConPorts Pty Ltd - 24 Hour Copper



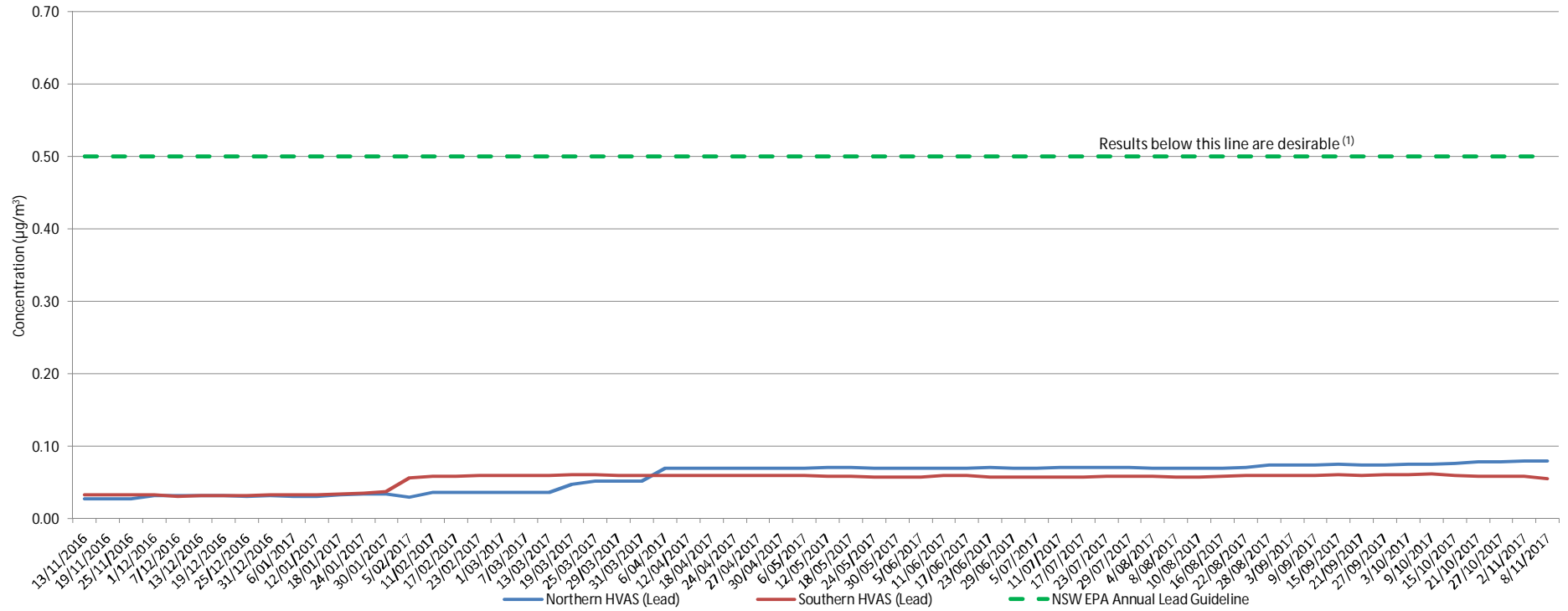
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



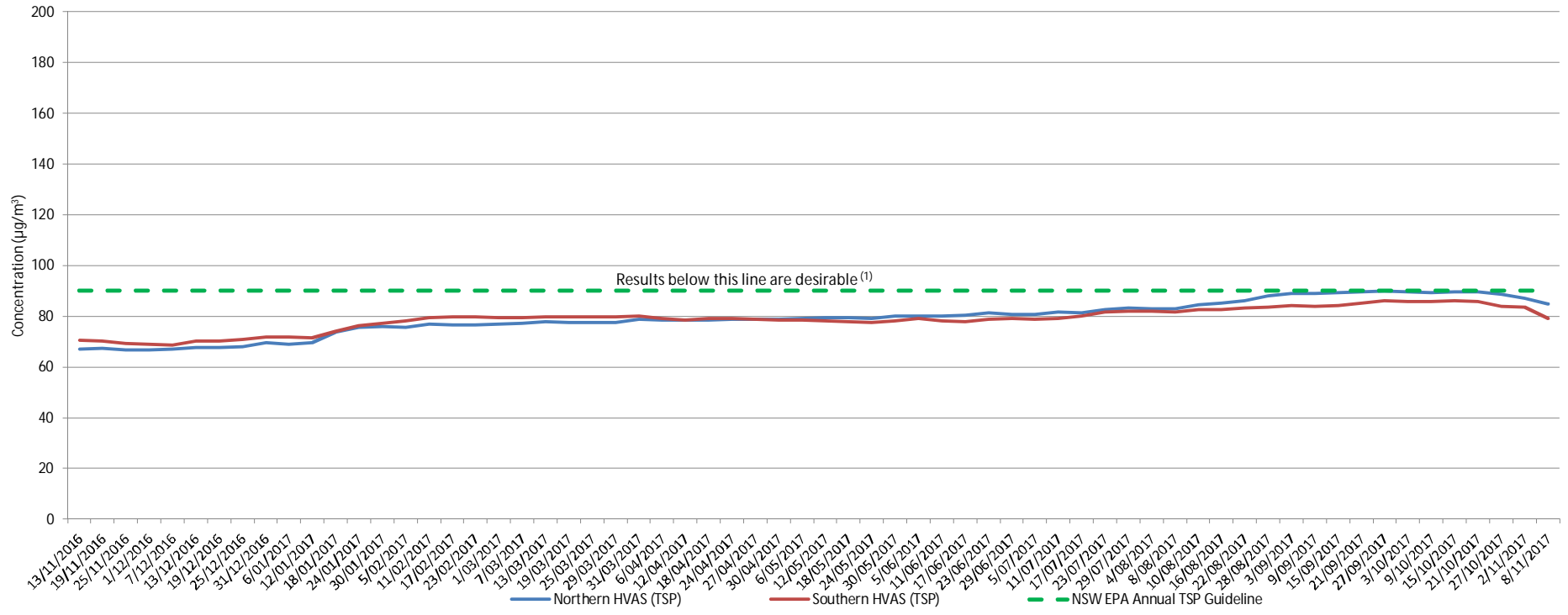
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

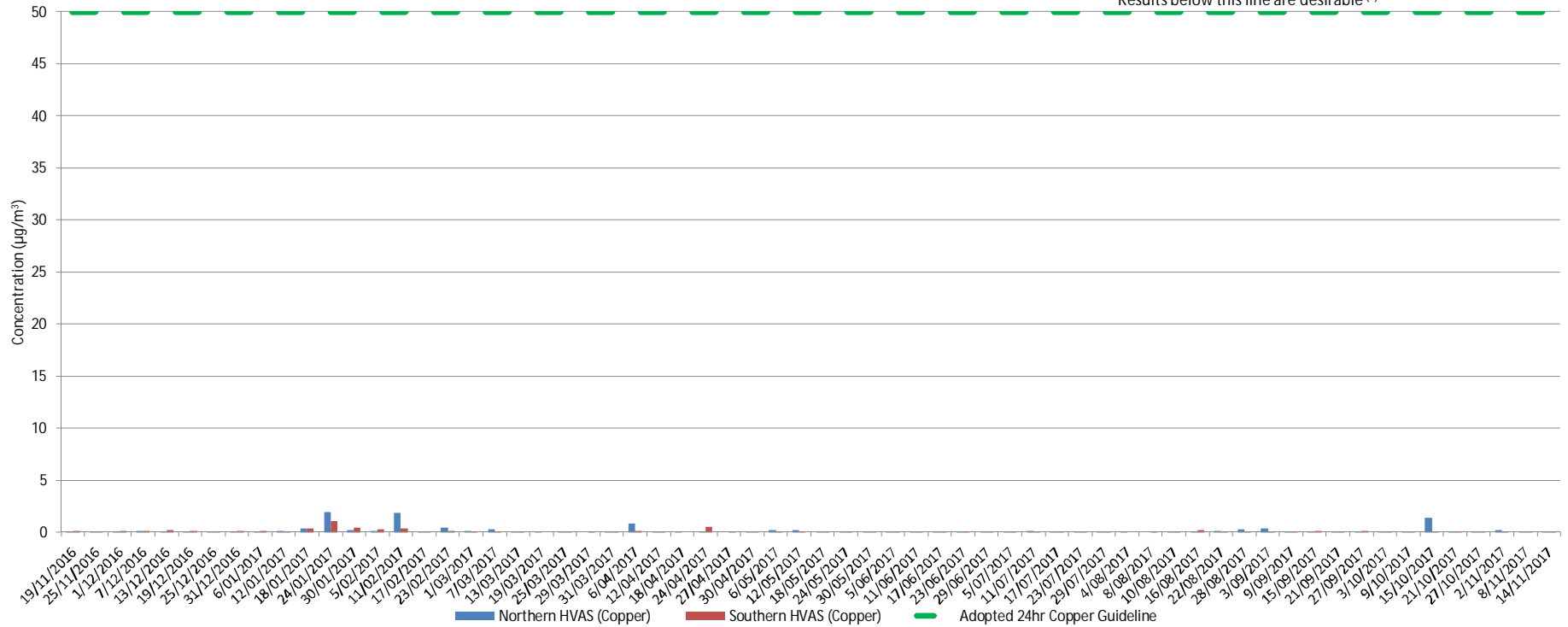
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
8/11/2017	25.3	0.028	<0.007	0.06	18.9	0.016	<0.007	0.032	
2/11/2017	50.8	0.185	0.059	0.47	50.8	0.032	0.011	0.098	
27/10/2017	78.1	0.079	0.024	0.30	59.6	0.056	0.034	0.154	
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

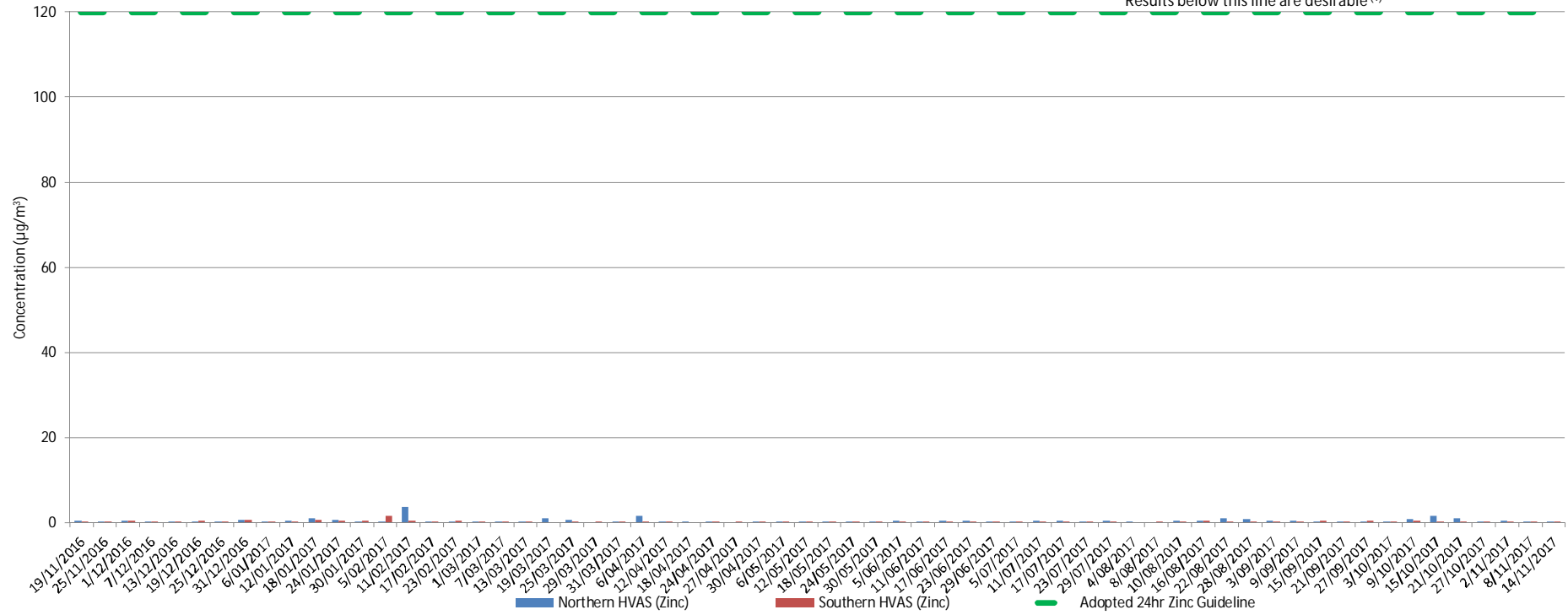
HVAS Run Date	North HVAS				South HVAS				Data Comments
	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	
19/11/2016	114.0	0.068	0.030	0.40	83.3	0.122	0.039	0.282	

ConPorts Pty Ltd - 24 Hour Copper



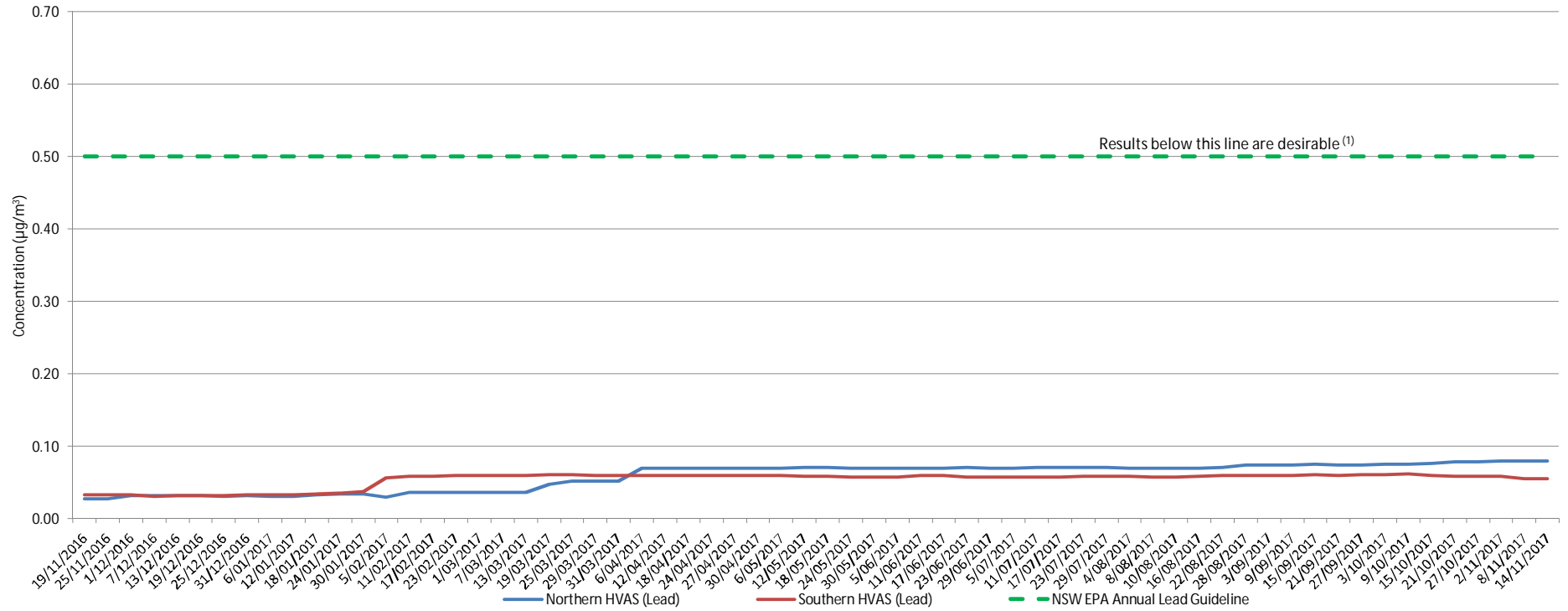
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



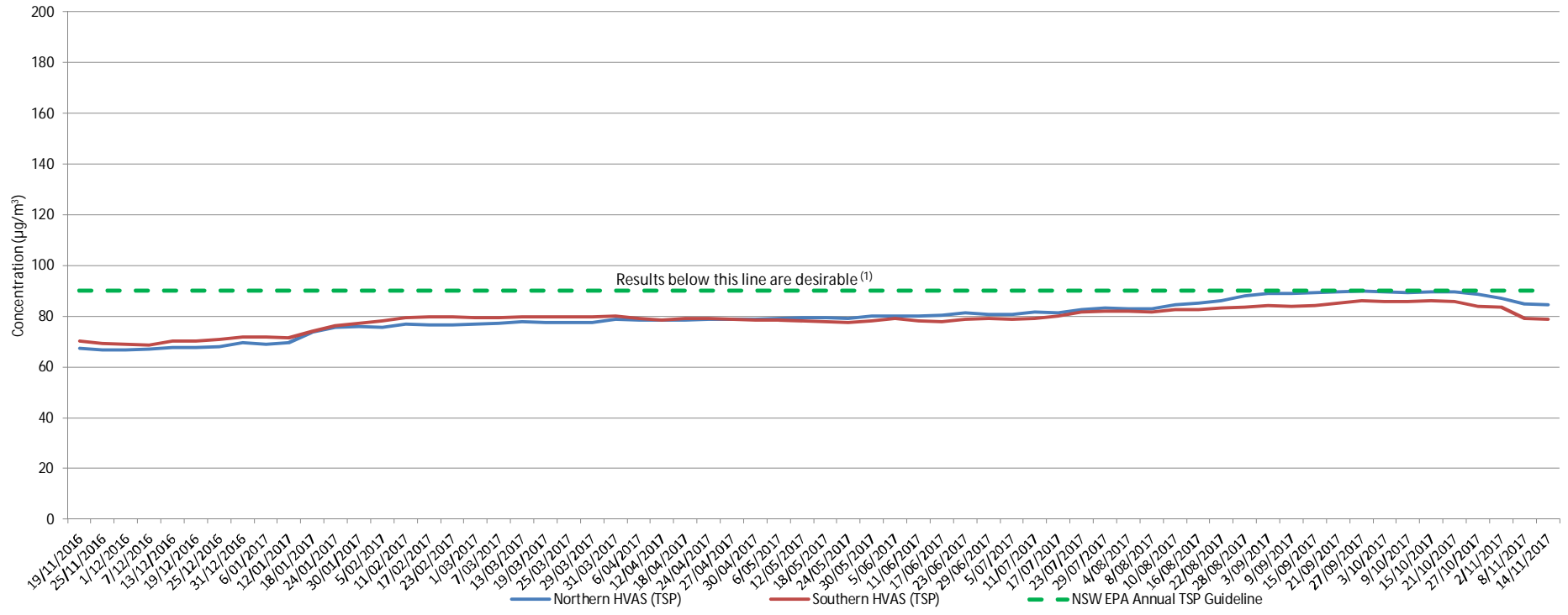
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

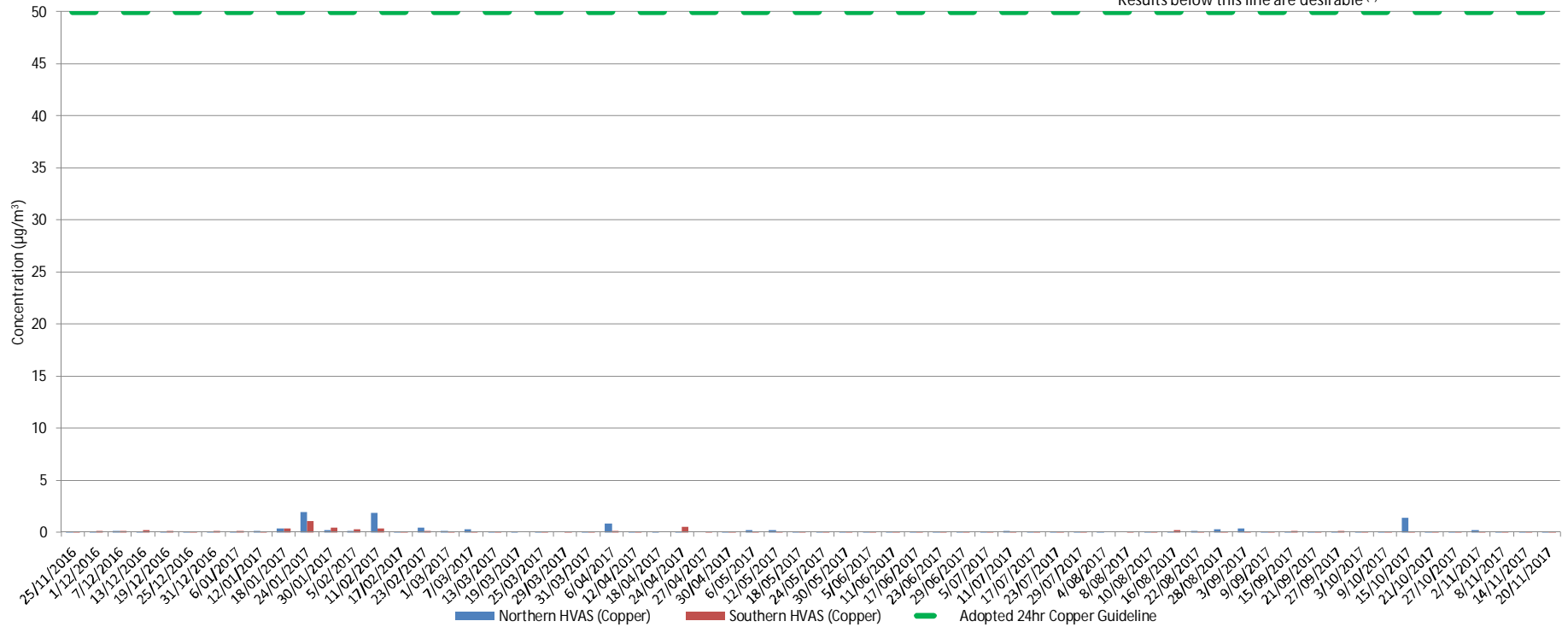
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
14/11/2017	33.6	0.026	0.010	0.11	43.1	0.078	0.022	0.137	
8/11/2017	25.3	0.028	<0.007	0.06	18.9	0.016	<0.007	0.032	
2/11/2017	50.8	0.185	0.059	0.47	50.8	0.032	0.011	0.098	
27/10/2017	78.1	0.079	0.024	0.30	59.6	0.056	0.034	0.154	
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
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23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

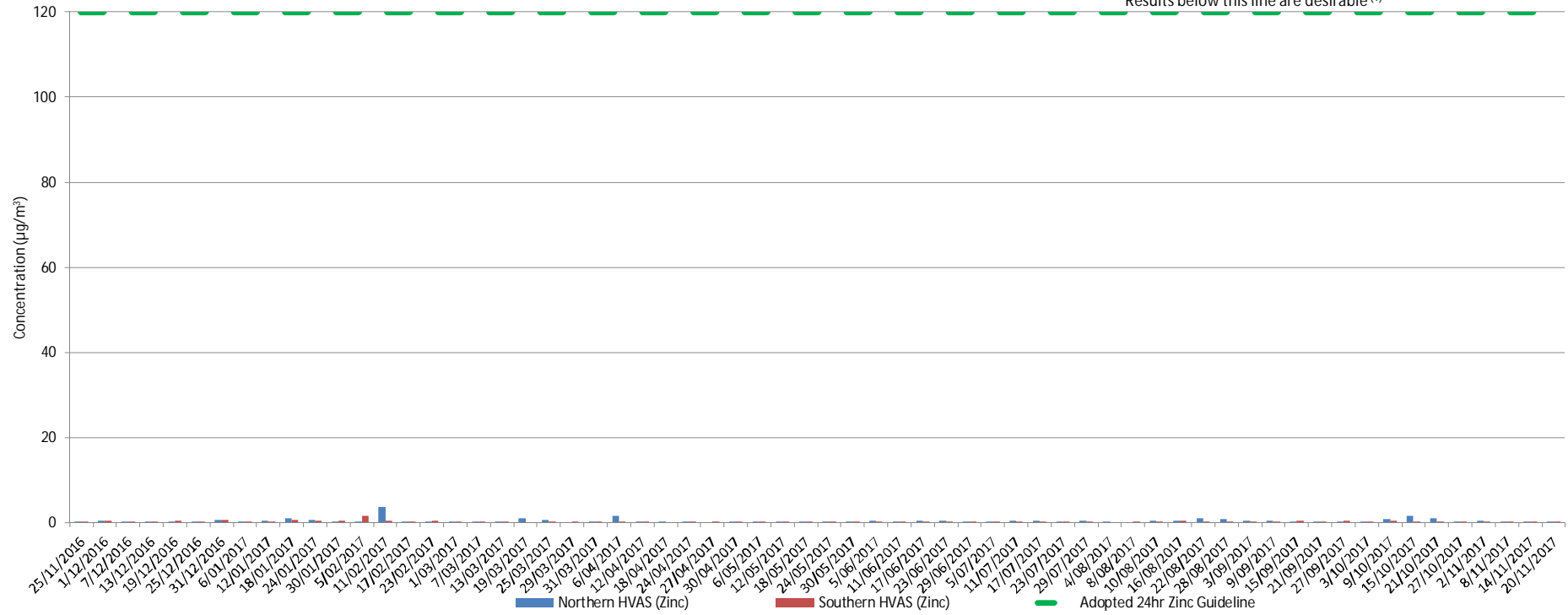
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	
25/11/2016	69.6	0.038	0.011	0.16	81.8	0.077	0.030	0.293	

ConPorts Pty Ltd - 24 Hour Copper



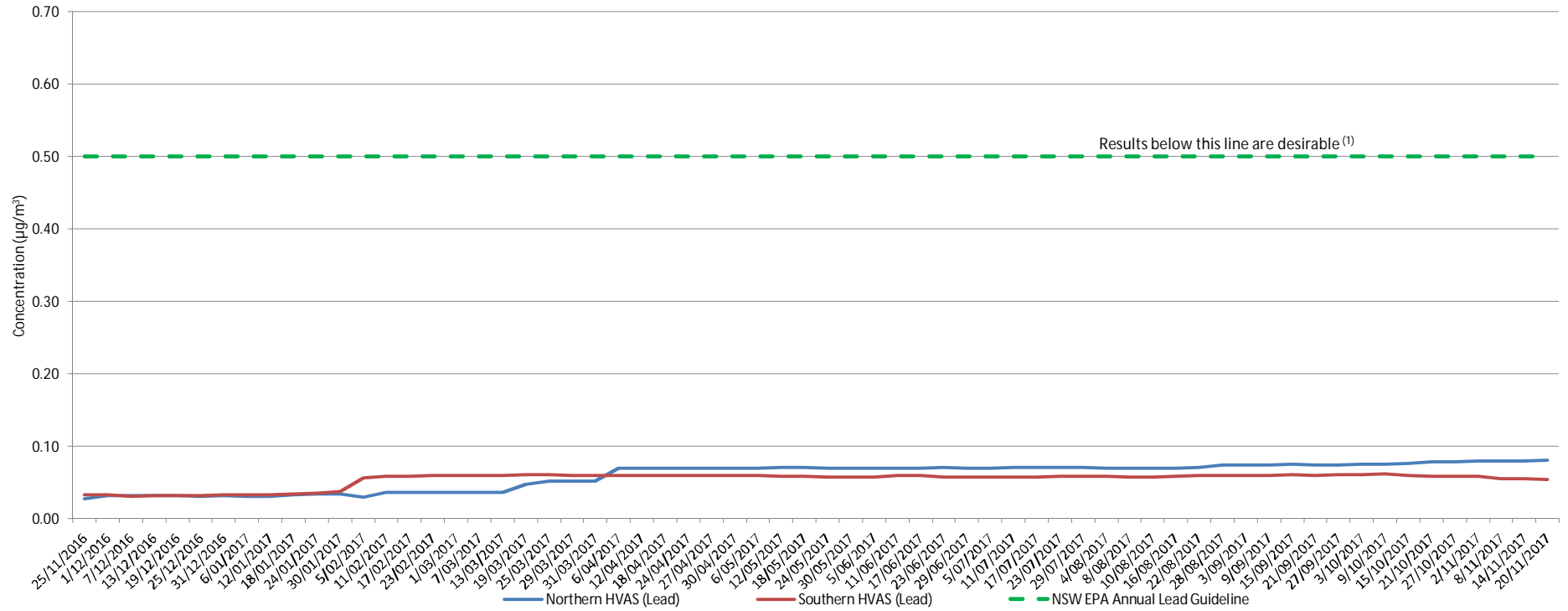
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



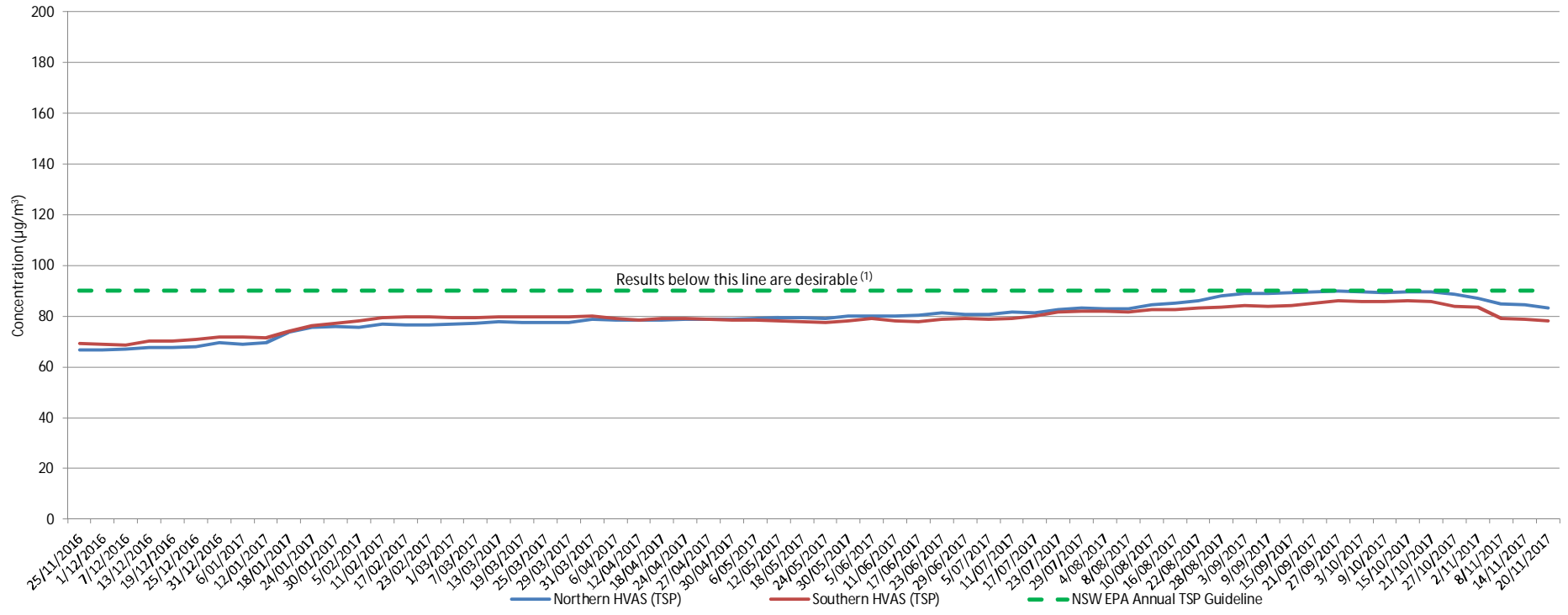
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

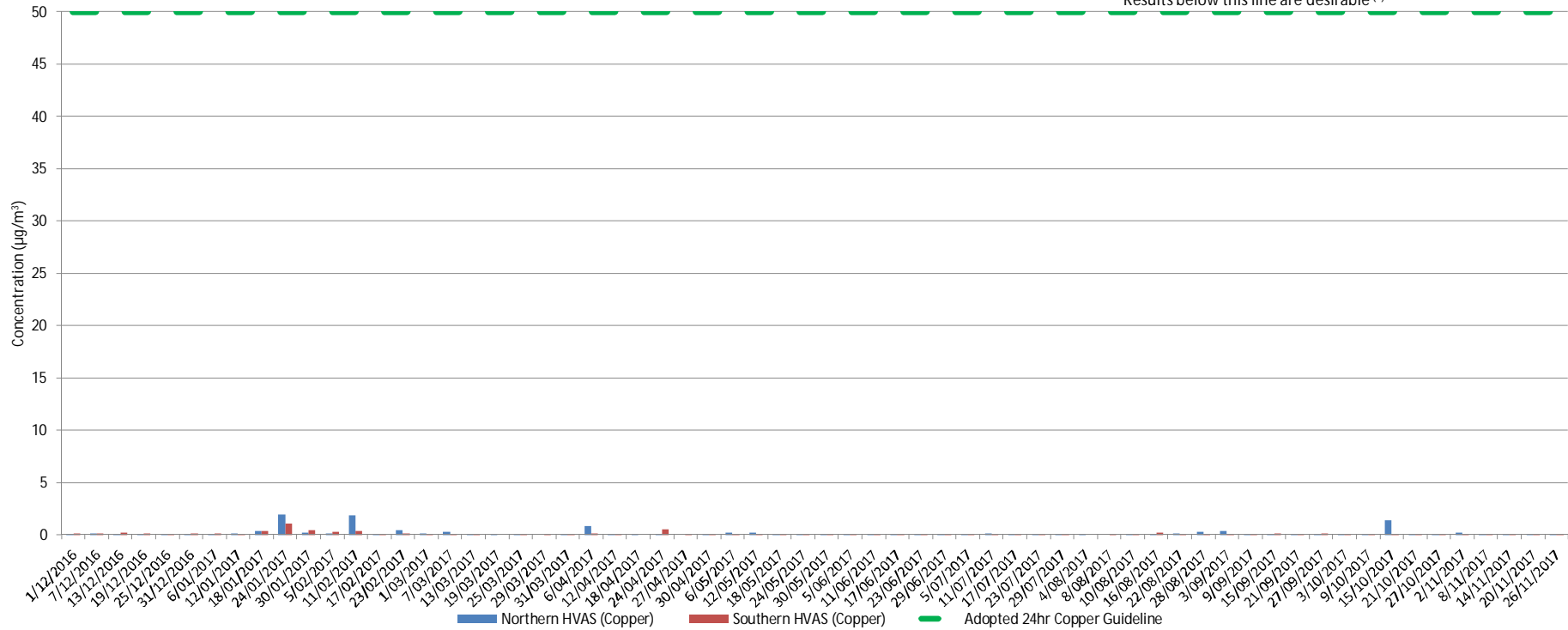
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
20/11/2017	31.2	0.016	<0.007	0.02	33.2	0.027	0.008	0.042	
14/11/2017	33.6	0.026	0.010	0.11	43.1	0.078	0.022	0.137	
8/11/2017	25.3	0.028	<0.007	0.06	18.9	0.016	<0.007	0.032	
2/11/2017	50.8	0.185	0.059	0.47	50.8	0.032	0.011	0.098	
27/10/2017	78.1	0.079	0.024	0.30	59.6	0.056	0.034	0.154	
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

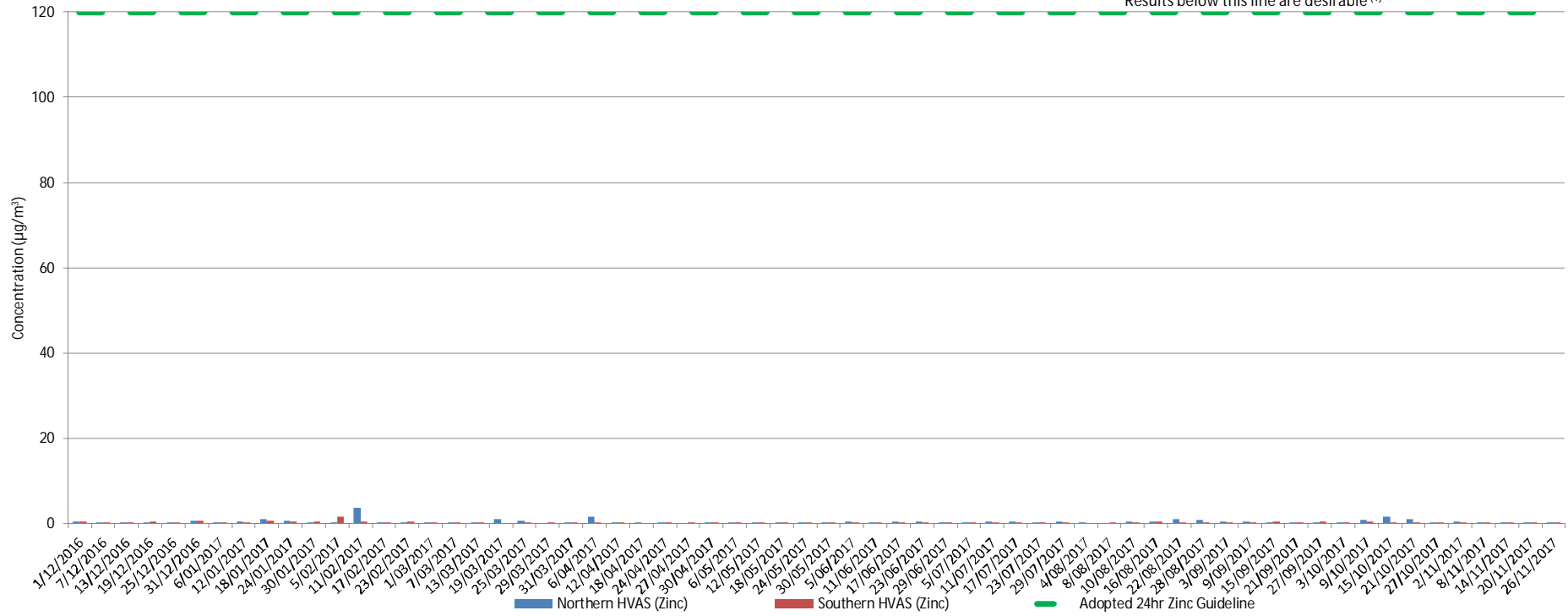
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	Catch up sample at South location
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	
1/12/2016	88.8	0.086	0.269	0.50	108.0	0.174	0.066	0.364	

ConPorts Pty Ltd - 24 Hour Copper



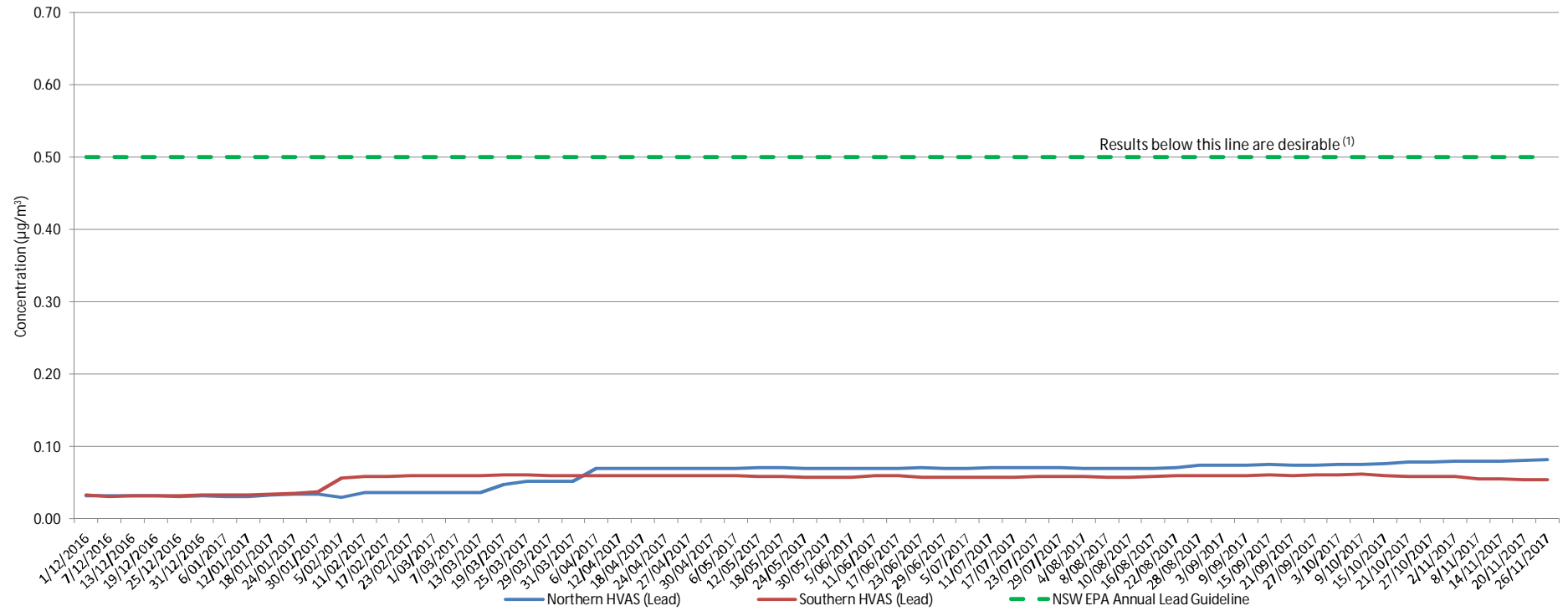
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



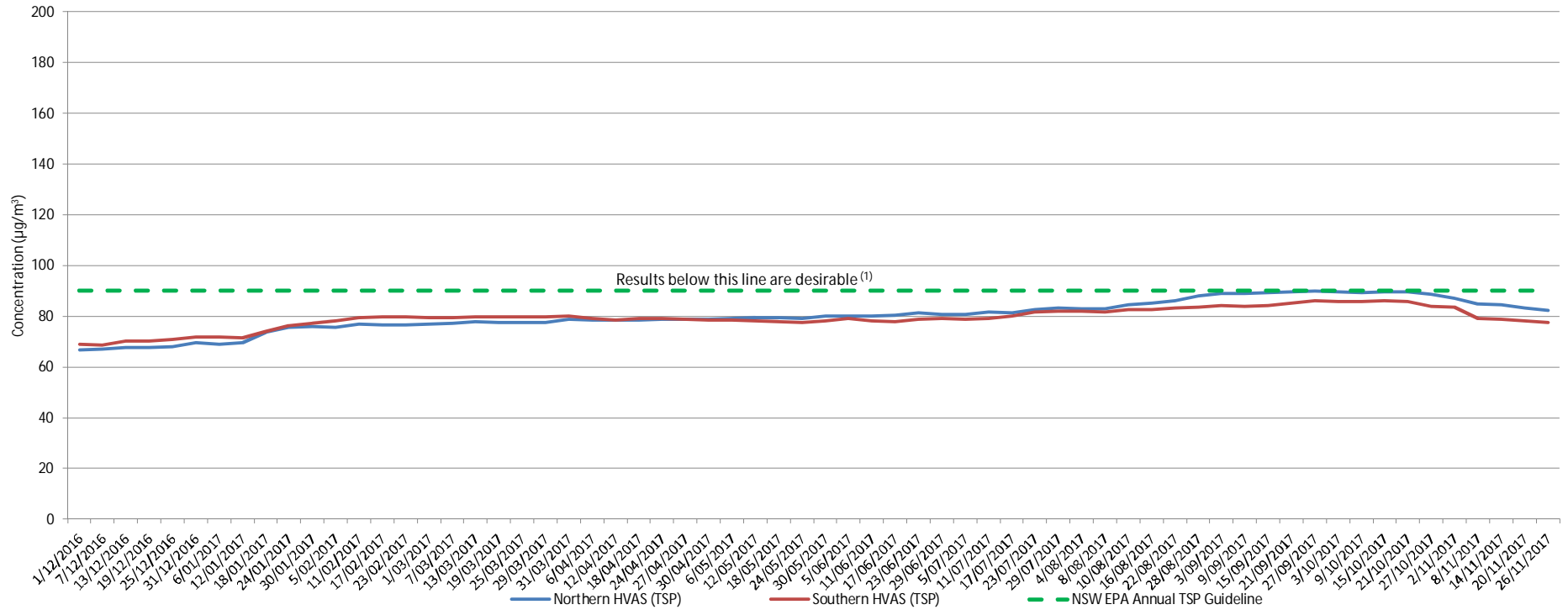
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

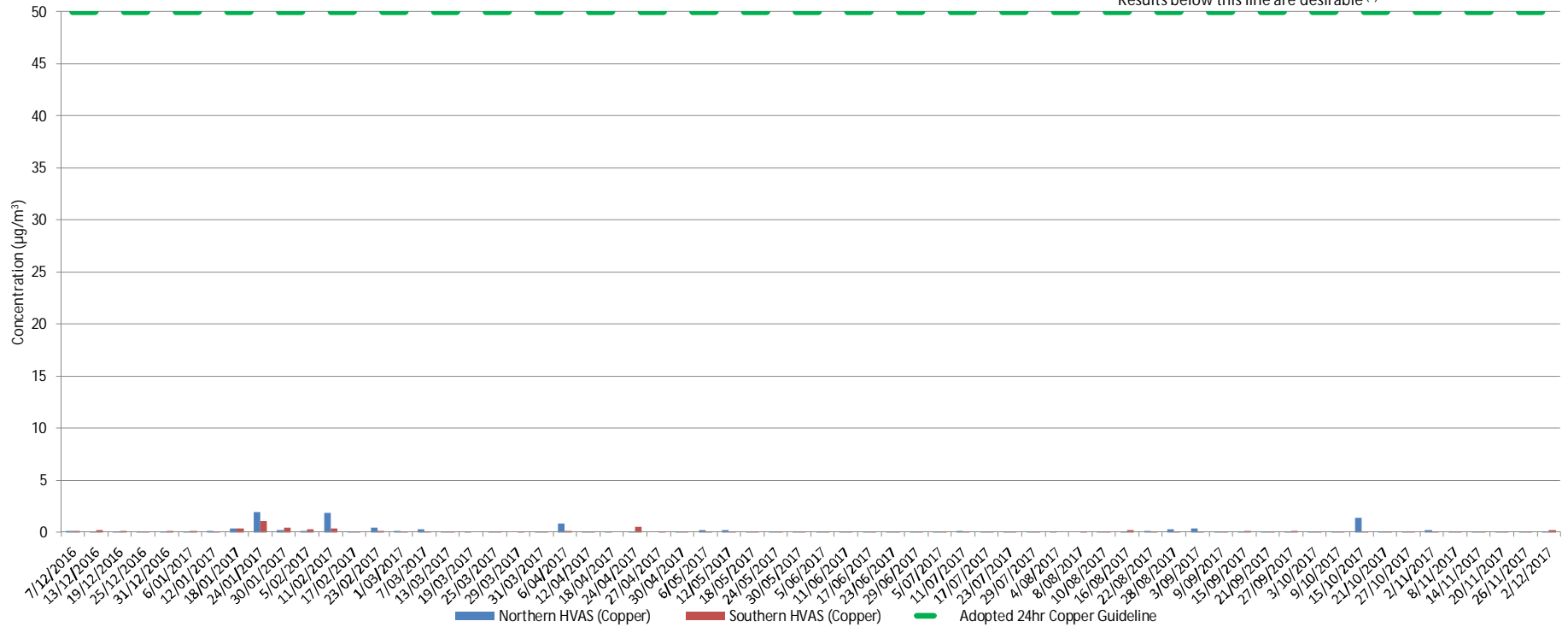
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
26/11/2017	26.3	0.004	<0.007	0.03	37.5	0.072	0.027	0.162	
20/11/2017	31.2	0.016	<0.007	0.02	33.2	0.027	0.008	0.042	
14/11/2017	33.6	0.026	0.010	0.11	43.1	0.078	0.022	0.137	
8/11/2017	25.3	0.028	<0.007	0.06	18.9	0.016	<0.007	0.032	
2/11/2017	50.8	0.185	0.059	0.47	50.8	0.032	0.011	0.098	
27/10/2017	78.1	0.079	0.024	0.30	59.6	0.056	0.034	0.154	
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	South sampler failed to run due to power issue
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	Catch up sample at South location

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

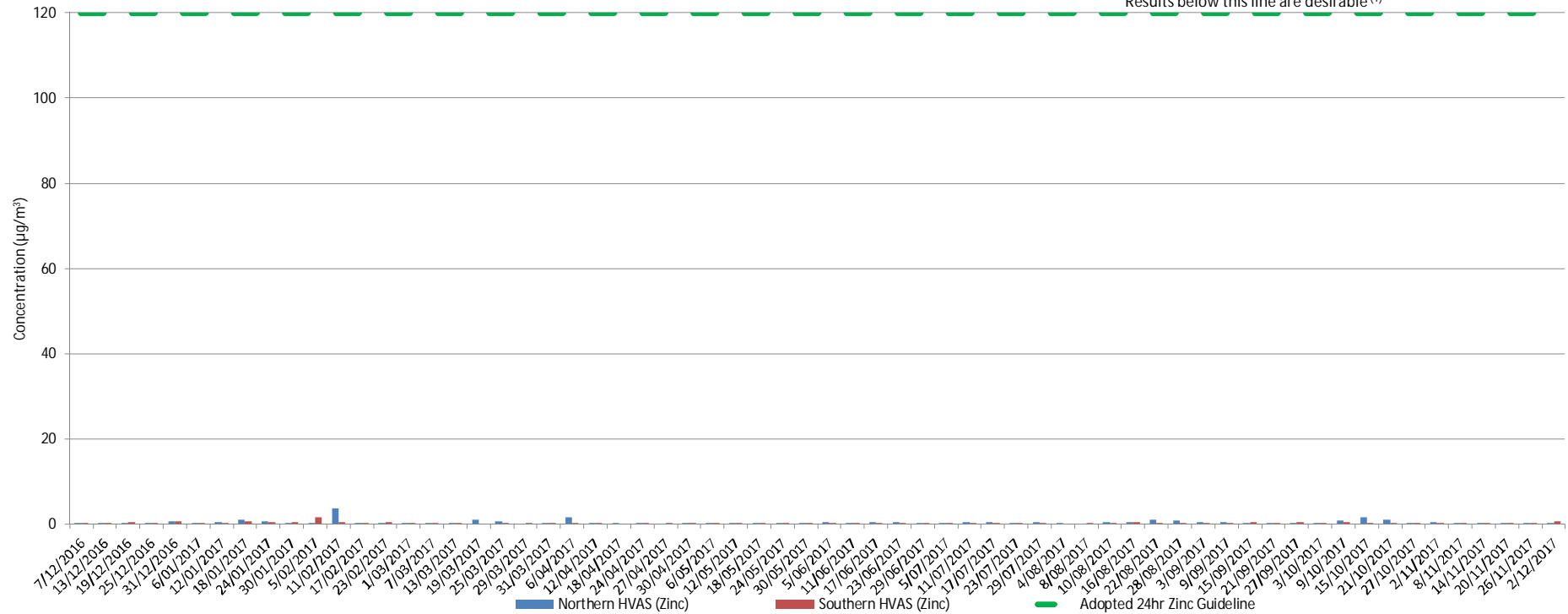
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	
7/12/2016	56.7	0.129	0.035	0.19	53.1	0.114	0.035	0.209	

ConPorts Pty Ltd - 24 Hour Copper



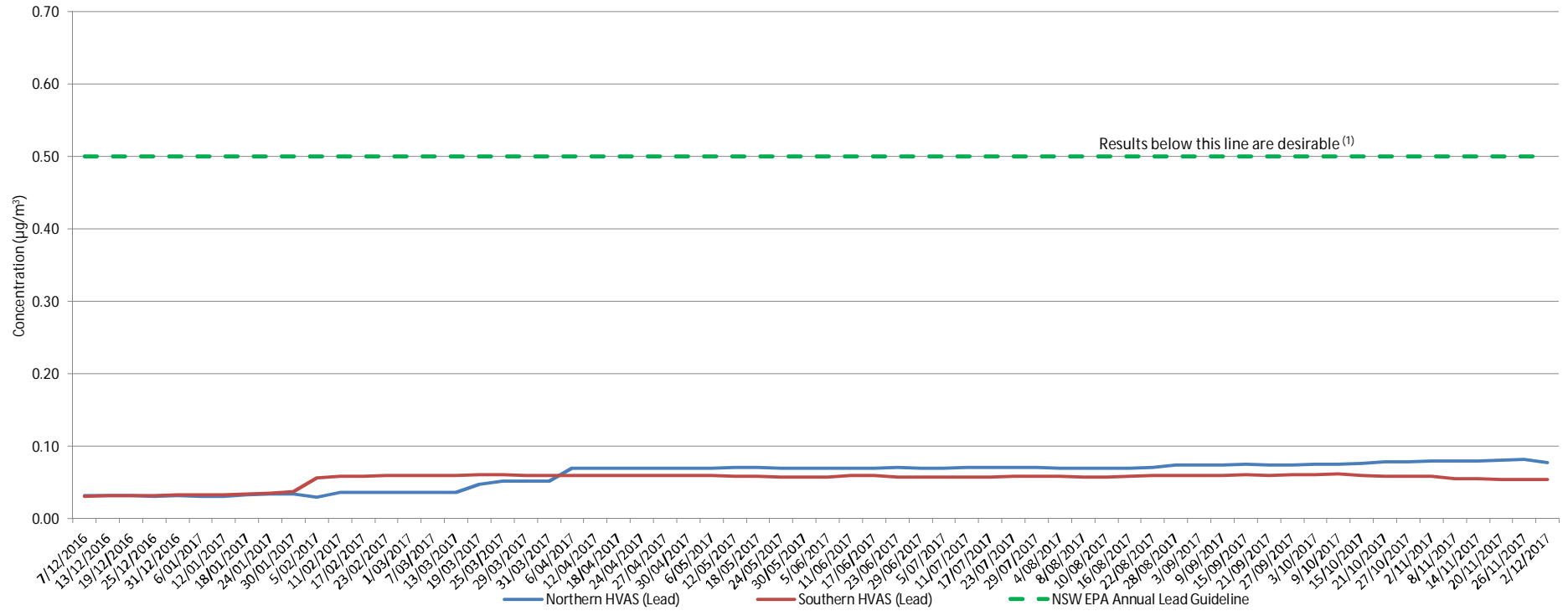
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



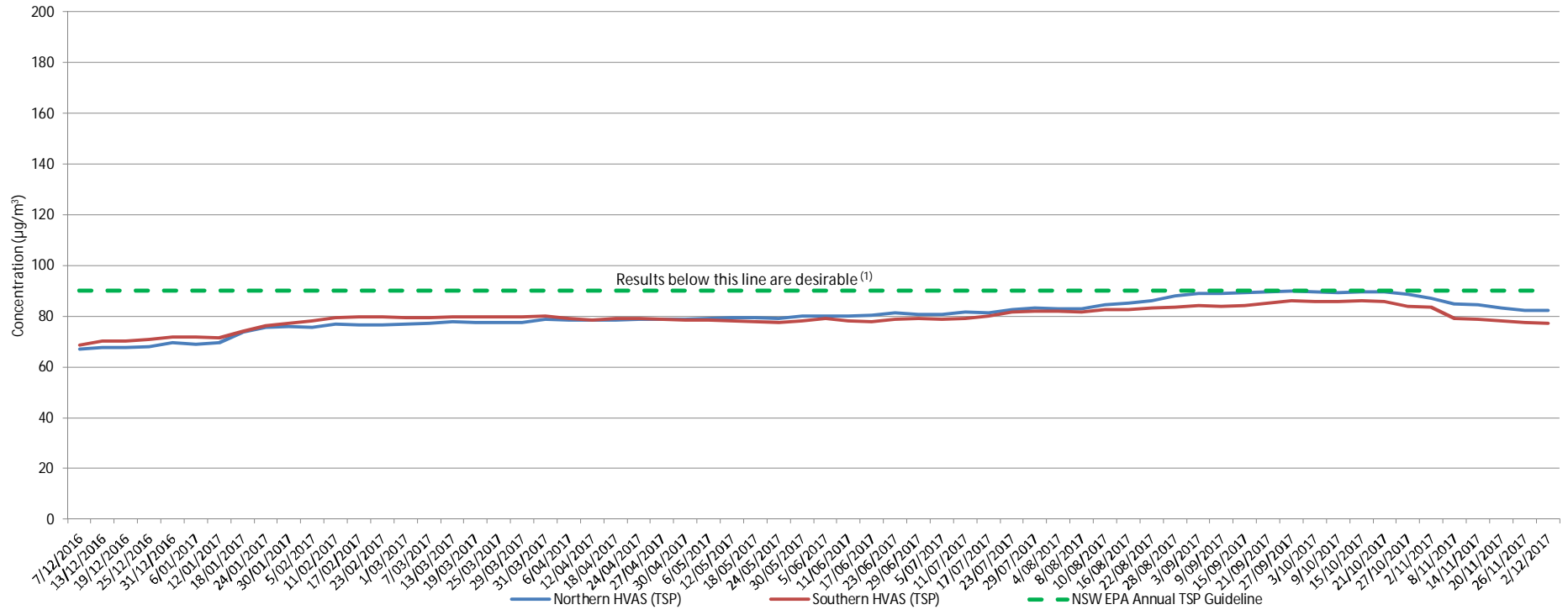
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

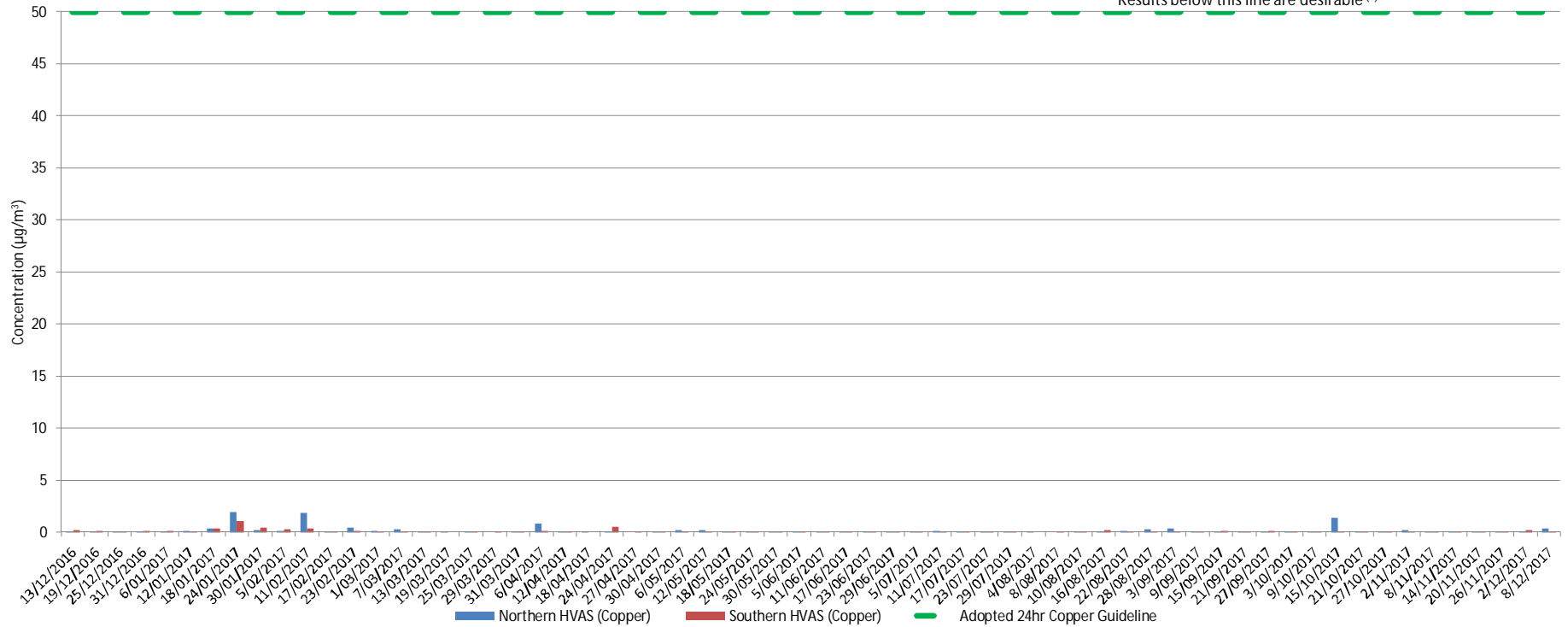
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
2/12/2017	71.6	0.096	0.021	0.27	96.4	0.201	0.056	0.547	
26/11/2017	26.3	0.004	<0.007	0.03	37.5	0.072	0.027	0.162	
20/11/2017	31.2	0.016	<0.007	0.02	33.2	0.027	0.008	0.042	
14/11/2017	33.6	0.026	0.010	0.11	43.1	0.078	0.022	0.137	
8/11/2017	25.3	0.028	<0.007	0.06	18.9	0.016	<0.007	0.032	
2/11/2017	50.8	0.185	0.059	0.47	50.8	0.032	0.011	0.098	
27/10/2017	78.1	0.079	0.024	0.30	59.6	0.056	0.034	0.154	
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	
30/04/2017	37.6	0.030	0.013	0.07	28.1	0.014	0.011	0.044	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

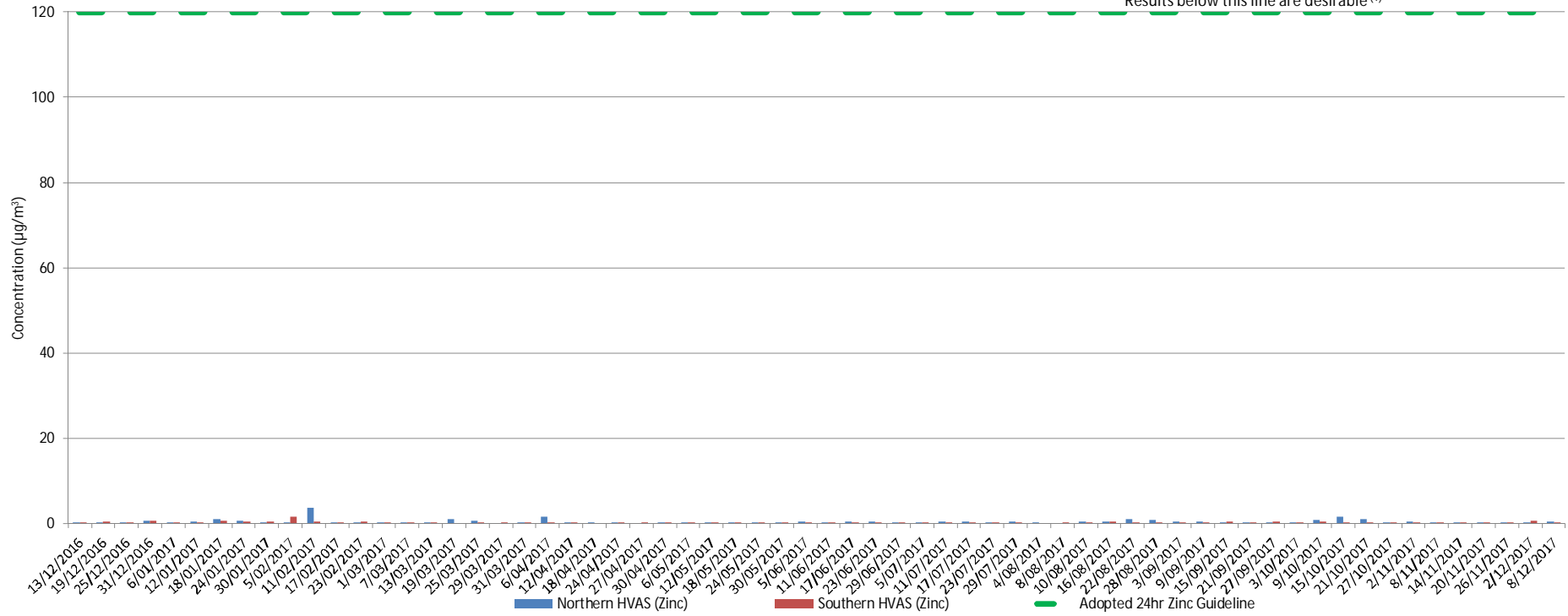
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	
13/12/2016	116.0	0.072	0.027	0.15	154.0	0.225	0.046	0.308	

ConPorts Pty Ltd - 24 Hour Copper



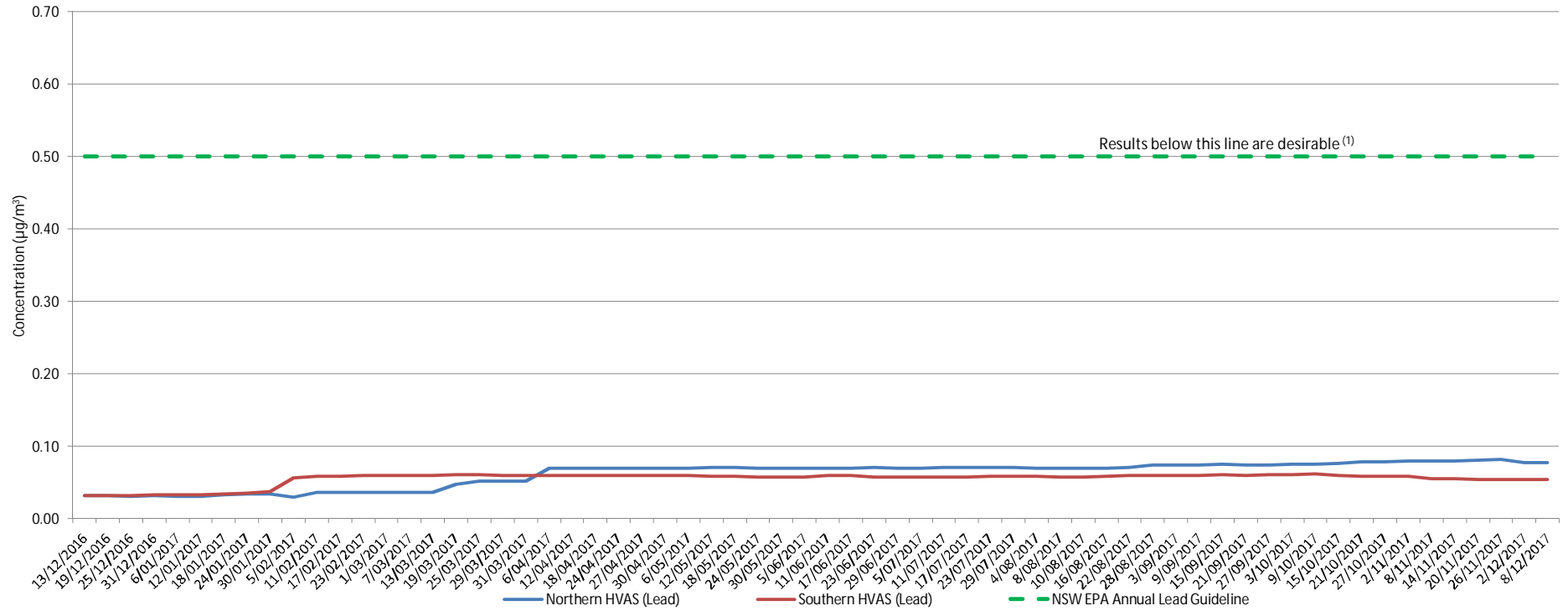
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



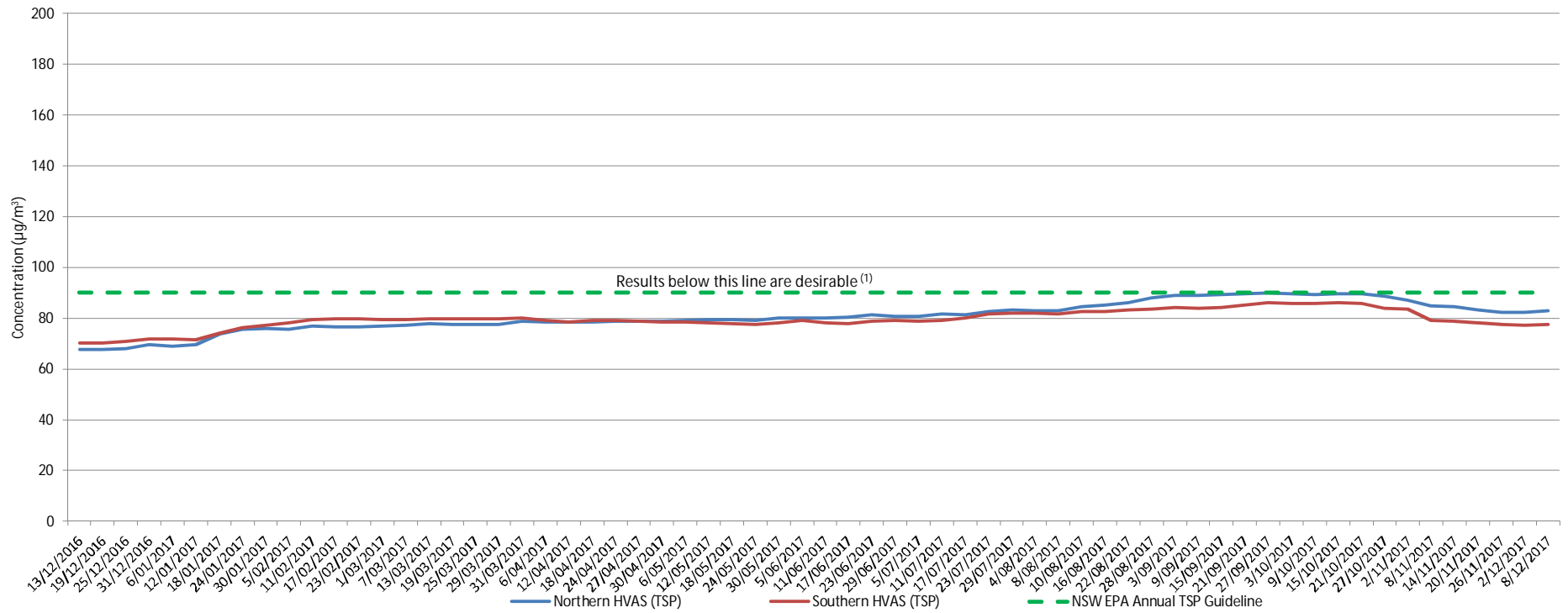
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

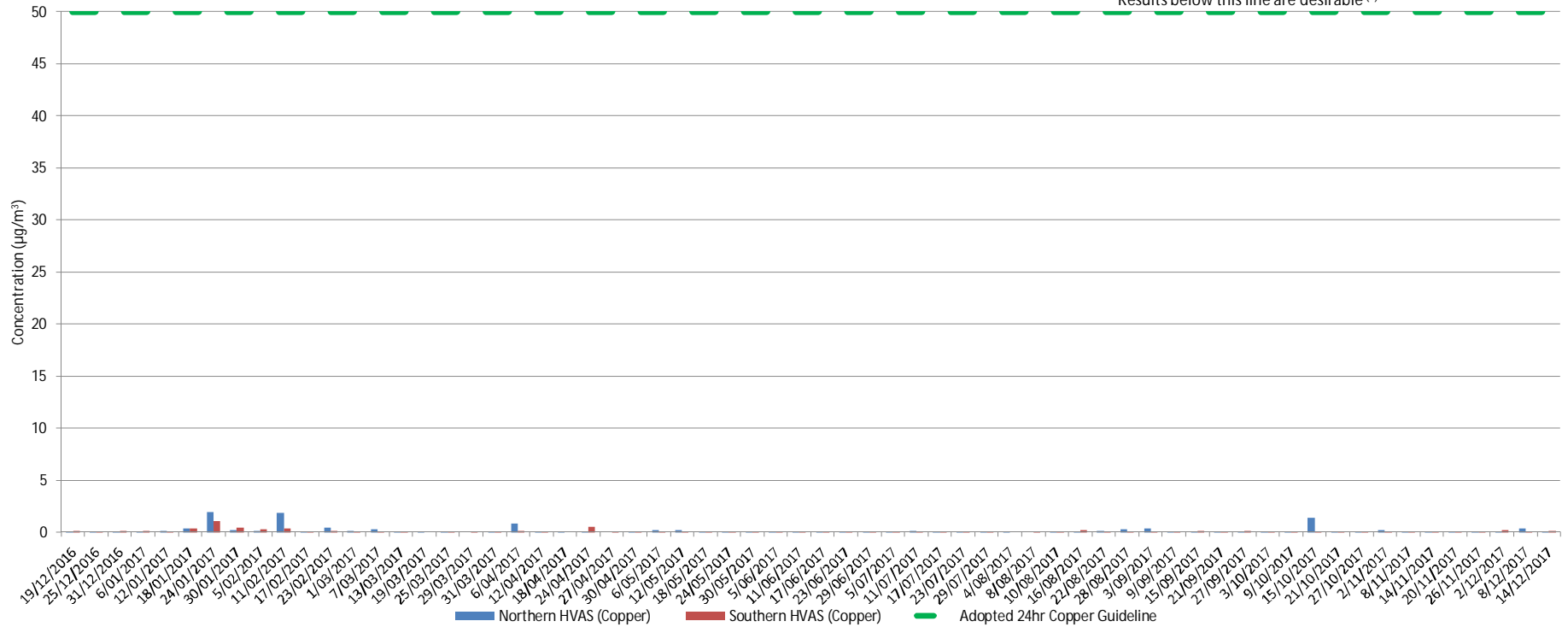
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
8/12/2017	103.0	0.373	0.032	0.37	78.7	0.046	0.017	0.131	
2/12/2017	71.6	0.096	0.021	0.27	96.4	0.201	0.056	0.547	
26/11/2017	26.3	0.004	<0.007	0.03	37.5	0.072	0.027	0.162	
20/11/2017	31.2	0.016	<0.007	0.02	33.2	0.027	0.008	0.042	
14/11/2017	33.6	0.026	0.010	0.11	43.1	0.078	0.022	0.137	
8/11/2017	25.3	0.028	<0.007	0.06	18.9	0.016	<0.007	0.032	
2/11/2017	50.8	0.185	0.059	0.47	50.8	0.032	0.011	0.098	
27/10/2017	78.1	0.079	0.024	0.30	59.6	0.056	0.034	0.154	
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	
6/05/2017	81.4	0.250	0.030	0.28	75.3	0.043	0.013	0.098	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

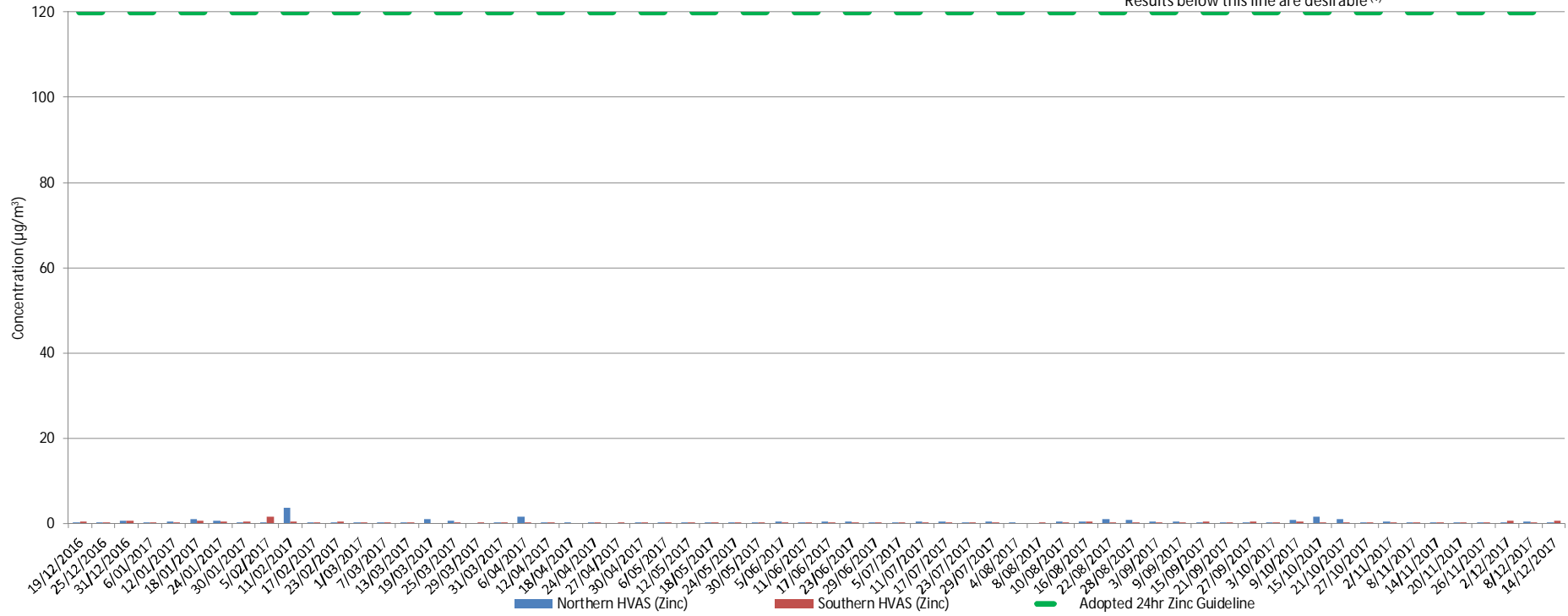
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	
19/12/2016	46.2	0.016	<0.007	0.05	56.9	0.125	0.028	0.329	

ConPorts Pty Ltd - 24 Hour Copper



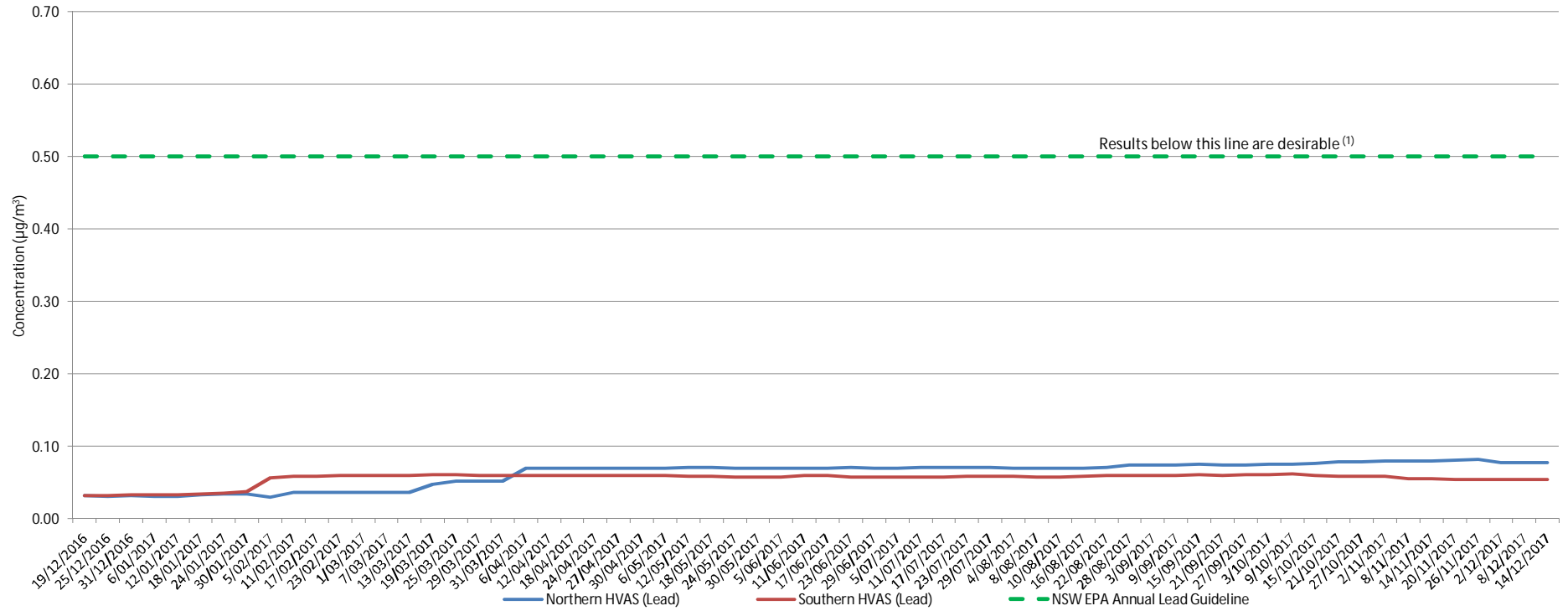
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



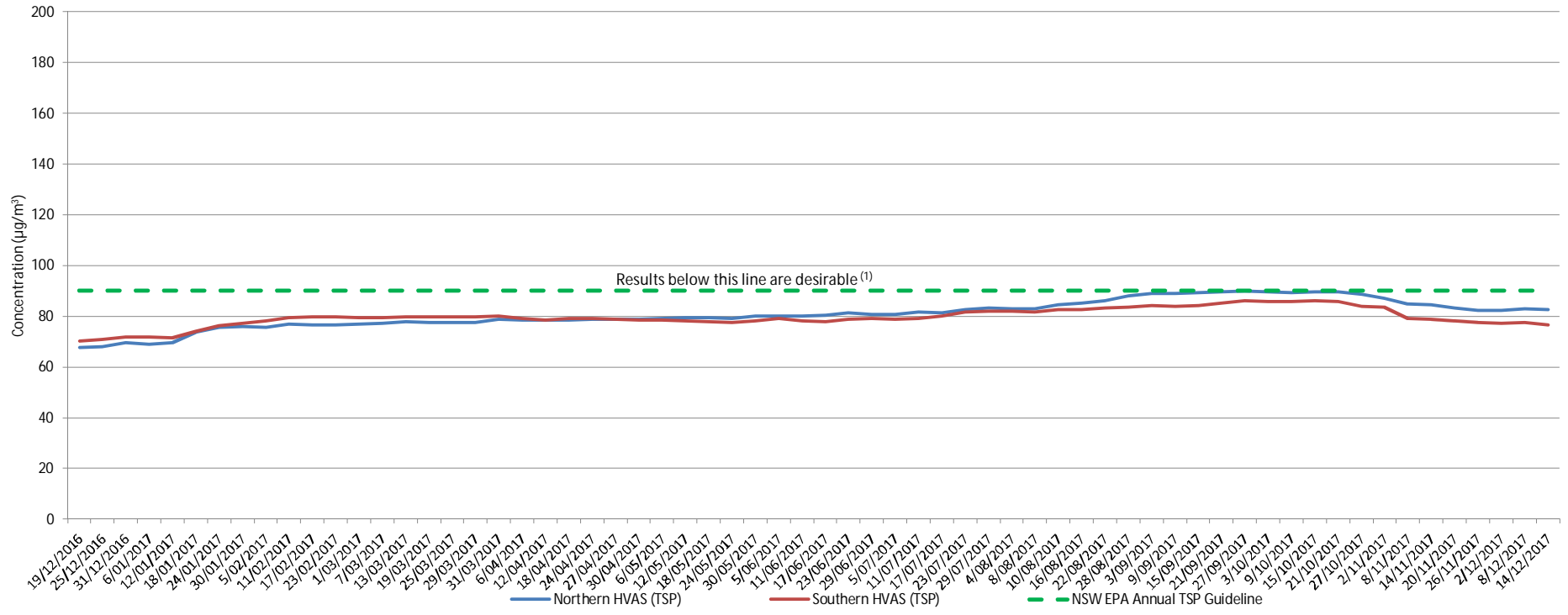
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

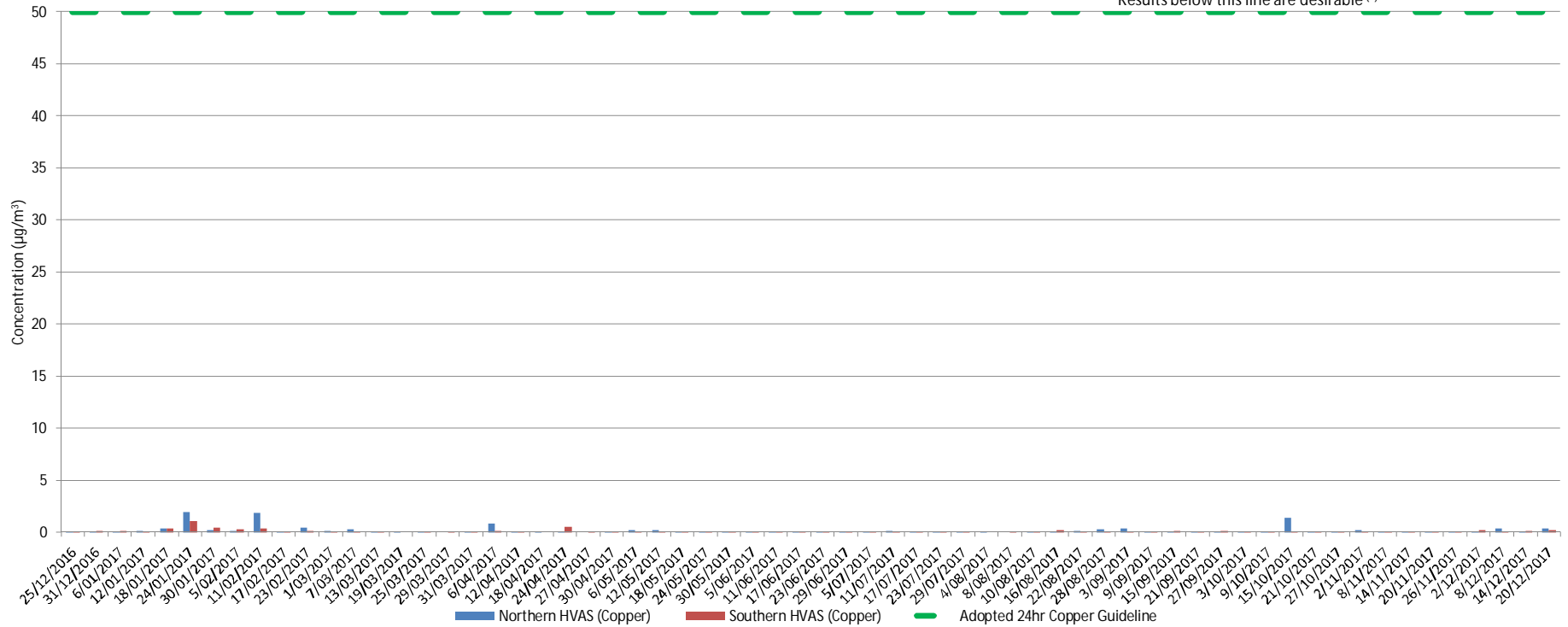
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
14/12/2017	89.3	0.072	0.016	0.27	95.6	0.112	0.040	0.689	
8/12/2017	103.0	0.373	0.032	0.37	78.7	0.046	0.017	0.131	
2/12/2017	71.6	0.096	0.021	0.27	96.4	0.201	0.056	0.547	
26/11/2017	26.3	0.004	<0.007	0.03	37.5	0.072	0.027	0.162	
20/11/2017	31.2	0.016	<0.007	0.02	33.2	0.027	0.008	0.042	
14/11/2017	33.6	0.026	0.010	0.11	43.1	0.078	0.022	0.137	
8/11/2017	25.3	0.028	<0.007	0.06	18.9	0.016	<0.007	0.032	
2/11/2017	50.8	0.185	0.059	0.47	50.8	0.032	0.011	0.098	
27/10/2017	78.1	0.079	0.024	0.30	59.6	0.056	0.034	0.154	
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
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28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	
12/05/2017	75.2	0.197	0.032	0.15	46.1	0.022	0.010	0.073	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

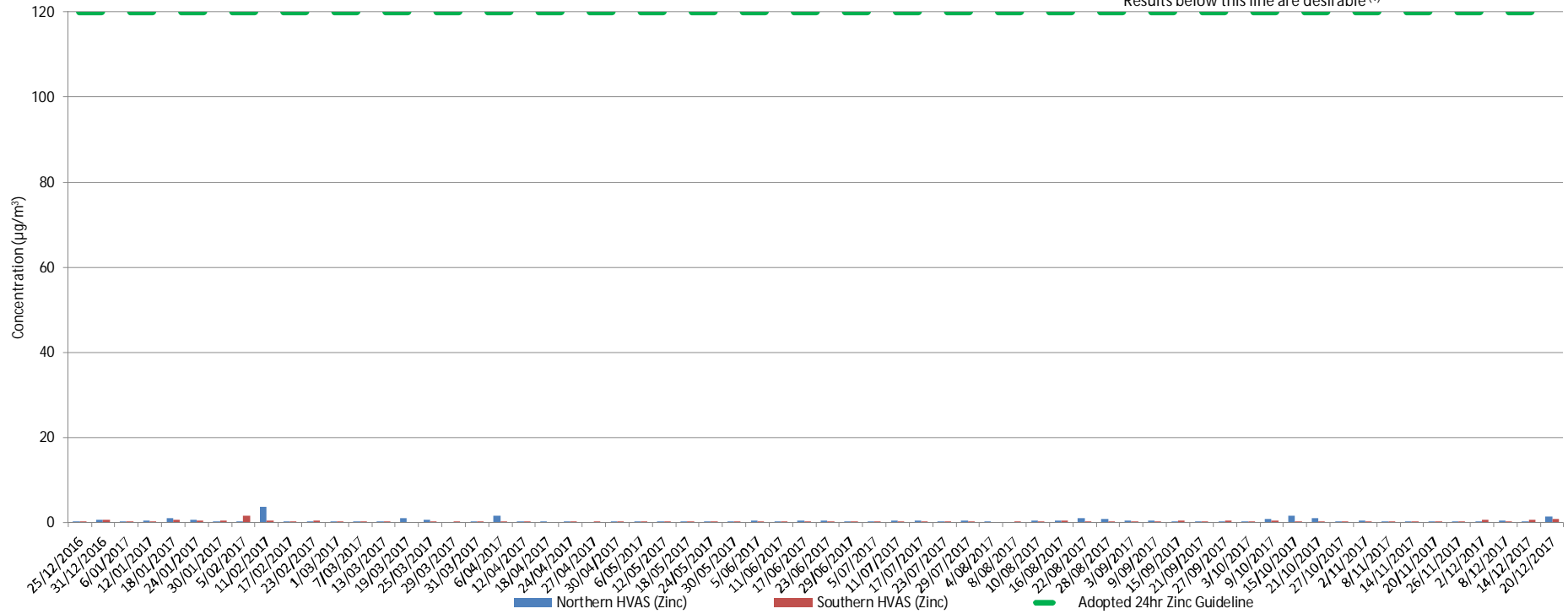
HVAS Run Date	North HVAS				South HVAS				Data Comments
	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	
25/12/2016	62.6	0.025	0.014	0.03	66.2	0.101	0.022	0.165	

ConPorts Pty Ltd - 24 Hour Copper



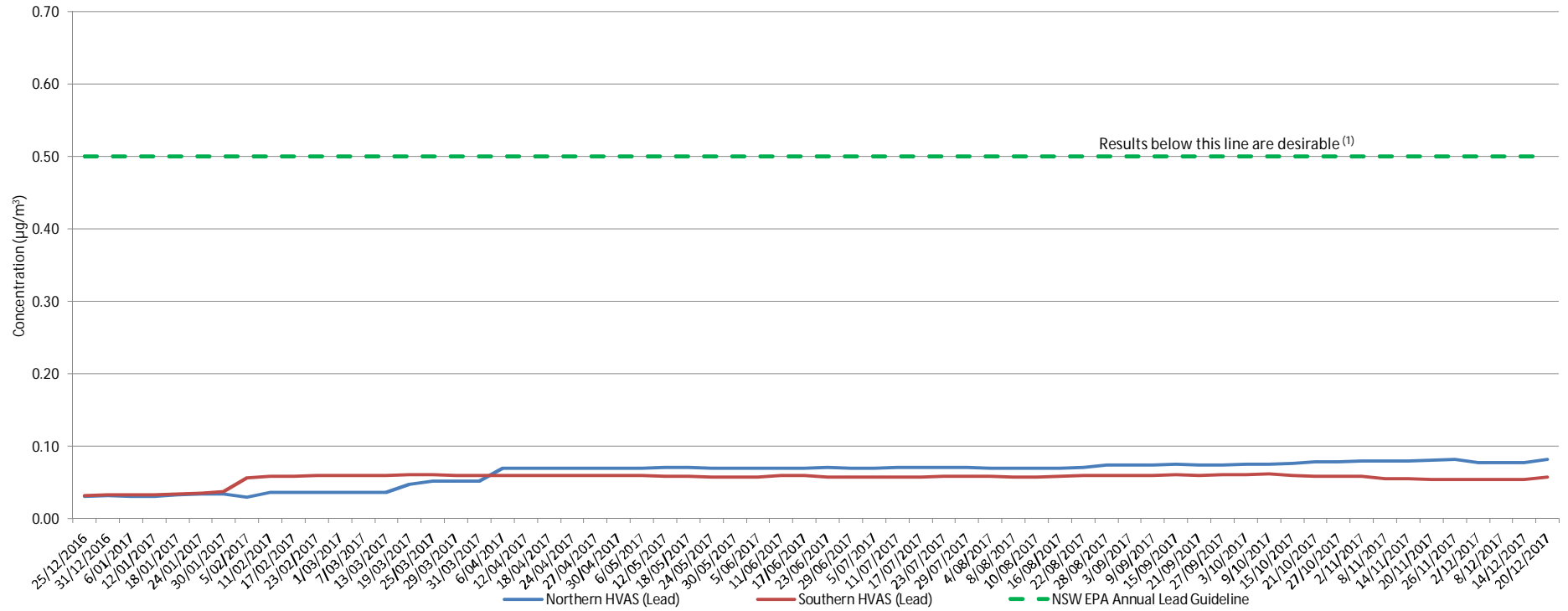
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



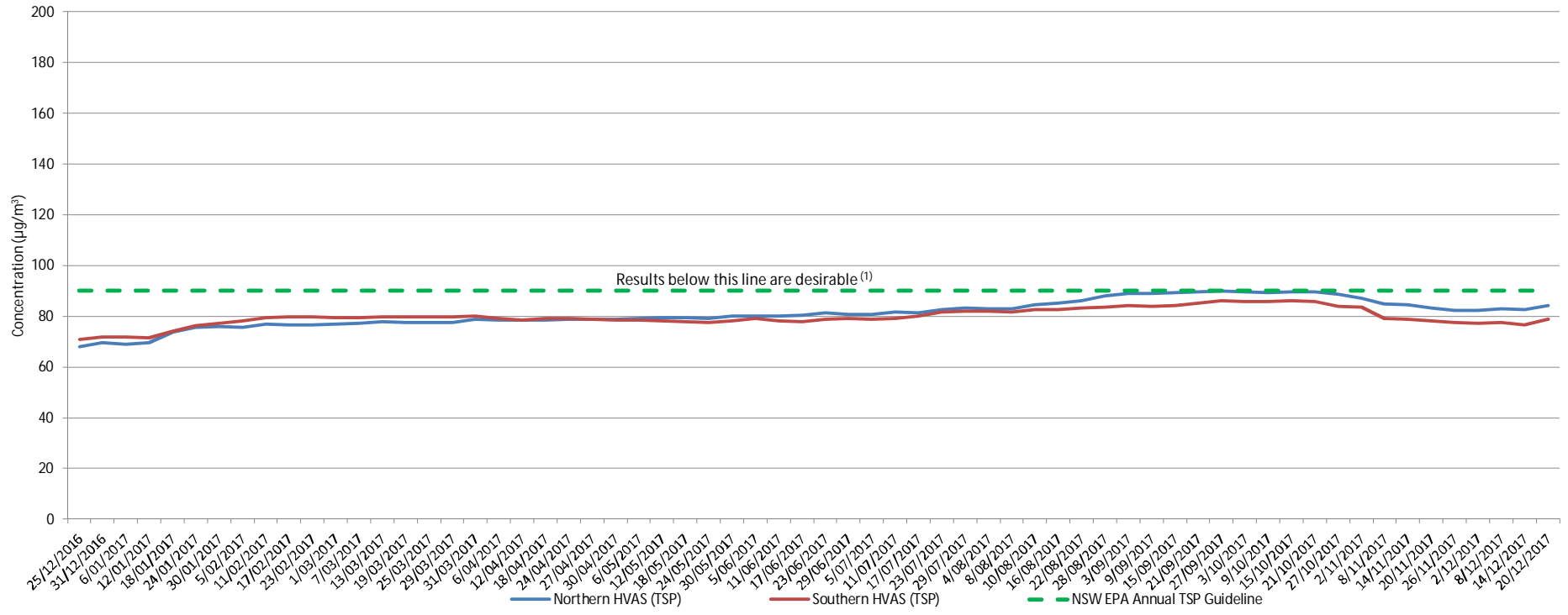
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

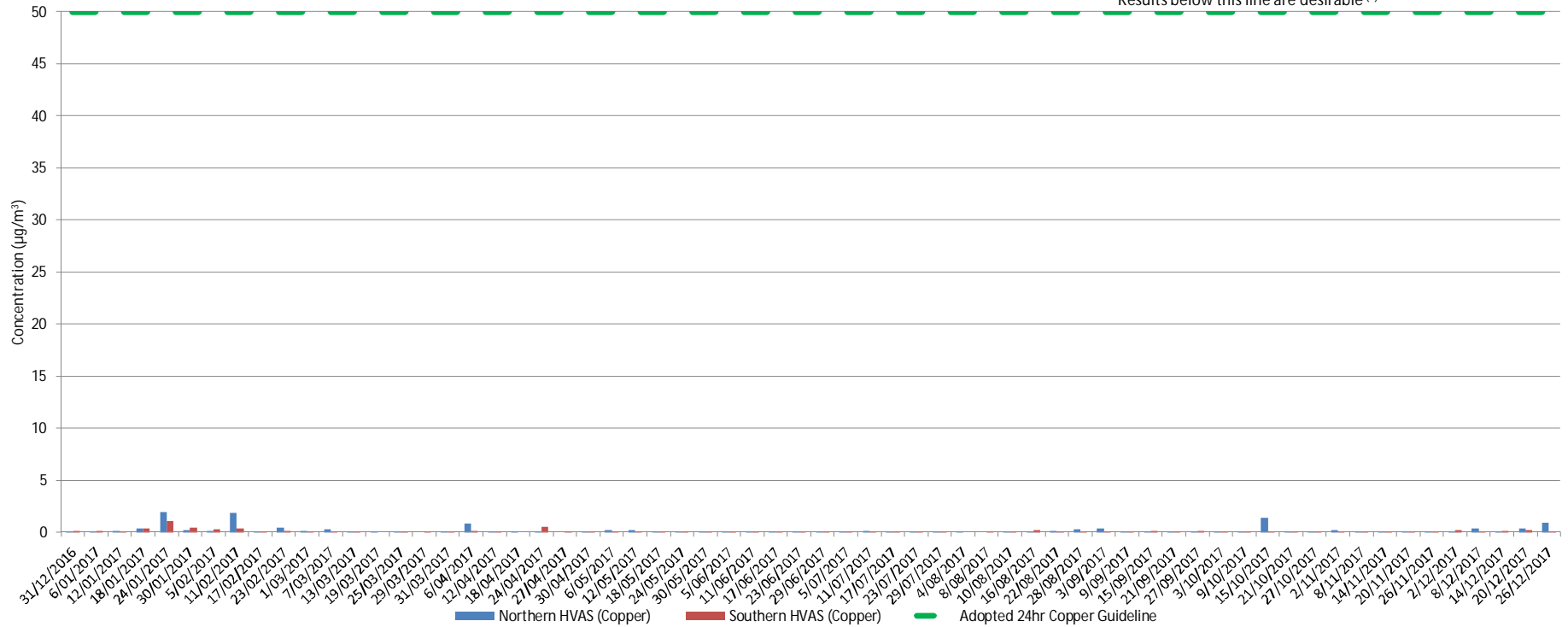
ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
20/12/2017	161.0	0.370	0.336	1.38	192.0	0.194	0.231	0.832	
14/12/2017	89.3	0.072	0.016	0.27	95.6	0.112	0.040	0.689	
8/12/2017	103.0	0.373	0.032	0.37	78.7	0.046	0.017	0.131	
2/12/2017	71.6	0.096	0.021	0.27	96.4	0.201	0.056	0.547	
26/11/2017	26.3	0.004	<0.007	0.03	37.5	0.072	0.027	0.162	
20/11/2017	31.2	0.016	<0.007	0.02	33.2	0.027	0.008	0.042	
14/11/2017	33.6	0.026	0.010	0.11	43.1	0.078	0.022	0.137	
8/11/2017	25.3	0.028	<0.007	0.06	18.9	0.016	<0.007	0.032	
2/11/2017	50.8	0.185	0.059	0.47	50.8	0.032	0.011	0.098	
27/10/2017	78.1	0.079	0.024	0.30	59.6	0.056	0.034	0.154	
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location South sampler failed to run due to power issue
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	
18/05/2017	83.9	0.032	0.010	0.12	70.1	0.067	0.018	0.151	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

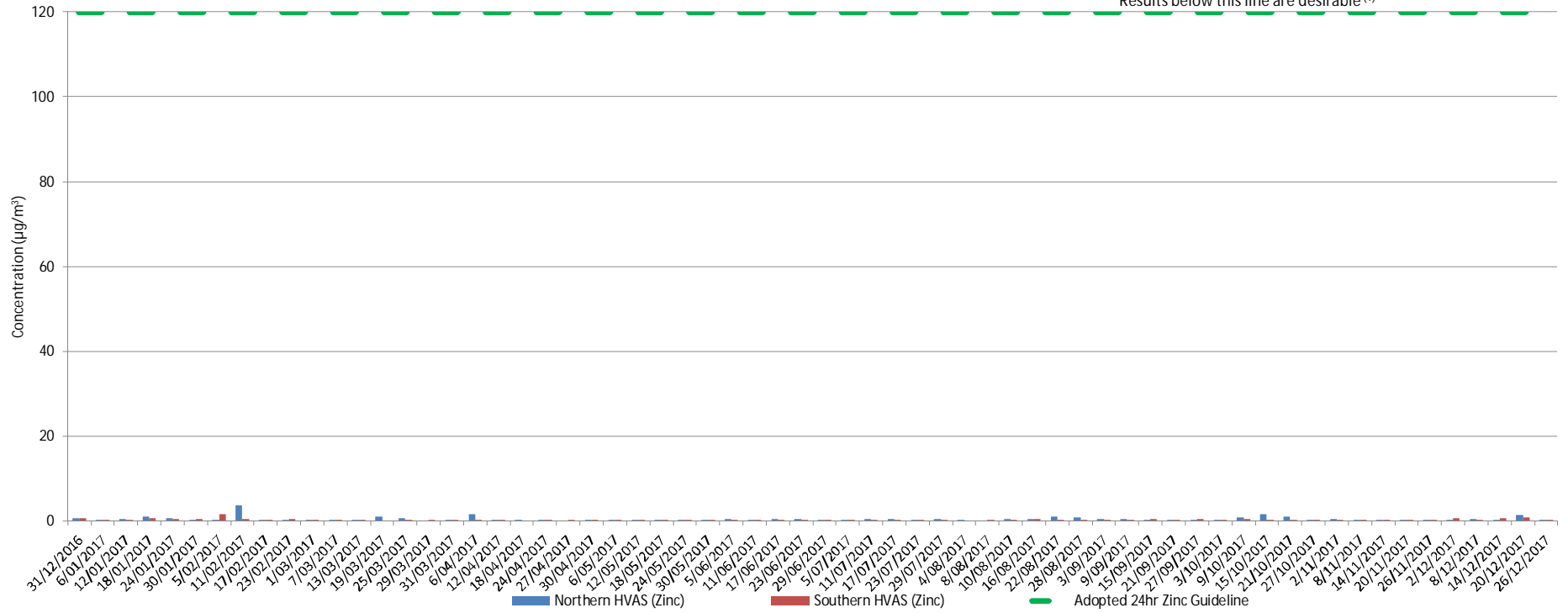
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	
31/12/2016	151.0	0.092	0.043	0.53	107.0	0.116	0.070	0.545	

ConPorts Pty Ltd - 24 Hour Copper



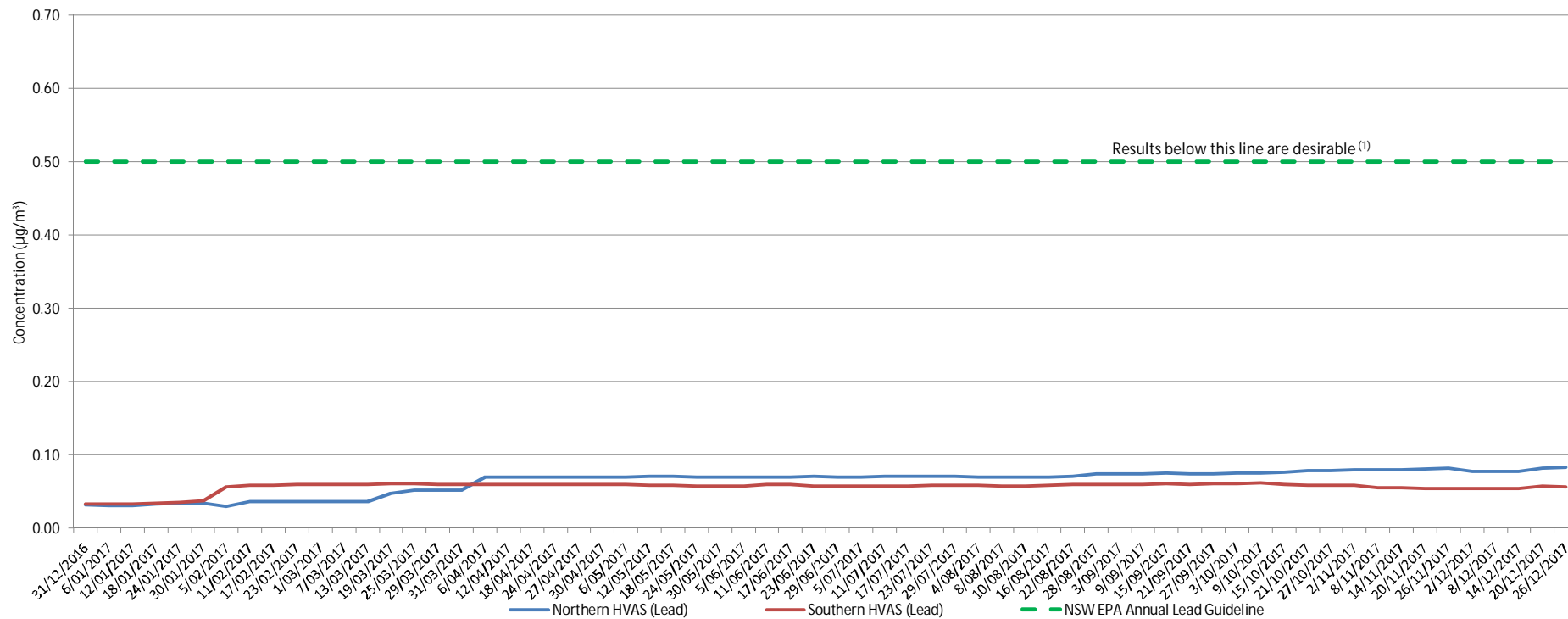
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



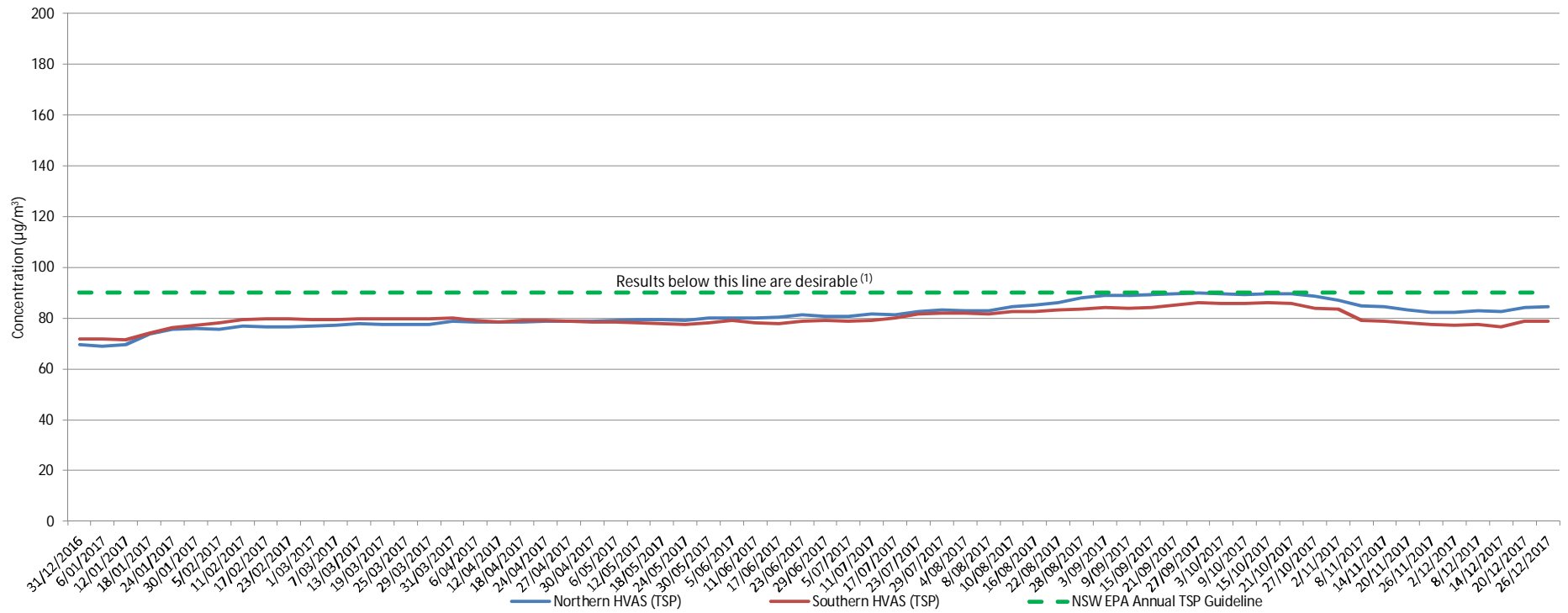
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽¹⁾ DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty Ltd - 24 Hr Total Suspended Particles - 12 Month Rolling Average



(1) DECCW NSW, 2005 Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales

ConPorts Pty - Air Monitoring HVAS Results

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
26/12/2017	71.7	0.962	0.065	0.28	56.8	0.035	0.007	0.066	
20/12/2017	161.0	0.370	0.336	1.38	192.0	0.194	0.231	0.832	
14/12/2017	89.3	0.072	0.016	0.27	95.6	0.112	0.040	0.689	
8/12/2017	103.0	0.373	0.032	0.37	78.7	0.046	0.017	0.131	
2/12/2017	71.6	0.096	0.021	0.27	96.4	0.201	0.056	0.547	
26/11/2017	26.3	0.004	<0.007	0.03	37.5	0.072	0.027	0.162	
20/11/2017	31.2	0.016	<0.007	0.02	33.2	0.027	0.008	0.042	
14/11/2017	33.6	0.026	0.010	0.11	43.1	0.078	0.022	0.137	
8/11/2017	25.3	0.028	<0.007	0.06	18.9	0.016	<0.007	0.032	
2/11/2017	50.8	0.185	0.059	0.47	50.8	0.032	0.011	0.098	
27/10/2017	78.1	0.079	0.024	0.30	59.6	0.056	0.034	0.154	
21/10/2017	48.8	0.078	0.138	0.89	36.8	0.016	0.009	0.050	
15/10/2017	74.8	1.400	0.093	1.52	66.9	0.070	0.015	0.136	
9/10/2017	83.0	0.056	0.044	0.75	126.0	0.097	0.109	0.439	
3/10/2017	45.1	0.019	<0.007	0.08	54.5	0.059	0.025	0.176	
27/09/2017	79.5	0.068	0.017	0.13	106.0	0.160	0.057	0.491	
21/09/2017	86.1	0.032	0.023	0.25	95.8	0.071	0.021	0.211	
15/09/2017	59.1	0.056	0.036	0.29	71.7	0.145	0.056	0.319	
9/09/2017	59.1	0.089	0.050	0.47	40.4	0.014	0.011	0.050	
3/09/2017	90.9	0.345	0.032	0.42	94.6	0.059	0.021	0.166	
28/08/2017	146.0	0.271	0.205	0.84	60.9	0.035	0.020	0.120	
22/08/2017	97.8	0.130	0.087	0.89	73.9	0.081	0.049	0.183	
16/08/2017	98.7	0.055	0.030	0.31	82.6	0.201	0.081	0.467	
10/08/2017	143.0	0.048	0.037	0.41	138.0	0.035	0.023	0.193	
8/08/2017	-	-	-	-	57.6	0.034	0.015	0.087	
4/08/2017	56.8	0.031	0.020	0.19	DNR	DNR	DNR	DNR	Catch up sample at South location
29/07/2017	75.8	0.031	0.027	0.34	86.5	0.057	0.024	0.173	South sampler failed to run due to power issue
23/07/2017	113.0	0.038	0.030	0.25	135.0	0.048	0.044	0.151	
17/07/2017	65.8	0.026	0.033	0.43	107.0	0.028	0.022	0.167	
11/07/2017	97.8	0.180	0.047	0.32	73.4	0.061	0.022	0.180	
5/07/2017	86.3	0.035	0.021	0.26	120.0	0.043	0.024	0.207	
29/06/2017	31.0	0.036	0.015	0.17	48.6	0.036	0.013	0.078	
23/06/2017	95.8	0.041	0.040	0.42	112.0	0.054	0.025	0.214	
17/06/2017	85.3	0.056	0.034	0.35	61.4	0.022	0.012	0.123	
11/06/2017	26.8	0.020	0.053	0.23	23.5	0.022	0.136	0.201	
5/06/2017	72.4	0.080	0.036	0.38	84.7	0.031	0.023	0.208	
30/05/2017	78.1	0.048	0.027	0.27	73.9	0.036	0.022	0.170	
24/05/2017	68.6	0.030	0.014	0.19	69.7	0.046	0.019	0.185	

ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
27/04/2017	-	-	-	-	40.0	0.030	0.008	0.089	
24/04/2017	61.6	0.082	0.016	0.18	70.8	0.508	0.041	0.192	Catch up sample at South location
18/04/2017	62.8	0.044	0.016	0.27	DNR	DNR	DNR	DNR	South sampler failed to run for full 24hrs
12/04/2017	72.0	0.060	0.019	0.08	34.9	0.034	0.019	0.060	
6/04/2017	41.6	0.884	1.000	1.60	33.2	0.128	0.031	0.119	
31/03/2017	128.0	0.053	0.044	0.16	68.1	0.030	0.014	0.071	
29/03/2017	-	-	-	-	75.1	0.025	0.012	0.095	Catch up sample at South location
25/03/2017	62.0	0.074	0.283	0.53	82.2	0.038	0.016	0.112	
19/03/2017	73.5	0.078	0.610	1.00	DNR	DNR	DNR	DNR	South sampler failed to run due to power issue
13/03/2017	84.8	0.020	<0.007	0.14	86.5	0.034	0.013	0.200	
7/03/2017	81.1	0.322	0.037	0.24	50.4	0.054	0.050	0.093	
1/03/2017	90.5	0.102	0.015	0.14	44.4	0.052	0.017	0.053	
23/02/2017	65.0	0.461	0.020	0.29	74.7	0.169	0.056	0.381	
17/02/2017	70.0	0.023	0.014	0.18	86.4	0.093	0.032	0.272	
11/02/2017	128.0	1.910	0.394	3.73	122.0	0.366	0.135	0.451	
5/02/2017	88.8	0.146	0.024	0.12	99.1	0.313	1.160	1.520	
30/01/2017	82.6	0.182	0.008	0.11	119.0	0.434	0.098	0.392	
24/01/2017	184.0	1.970	0.076	0.54	201.0	1.110	0.106	0.419	
18/01/2017	404.0	0.378	0.144	0.97	205.0	0.346	0.090	0.541	
12/01/2017	96.1	0.117	0.040	0.36	76.9	0.088	0.041	0.228	
6/01/2017	41.8	0.011	0.013	0.05	40.1	0.135	0.019	0.126	