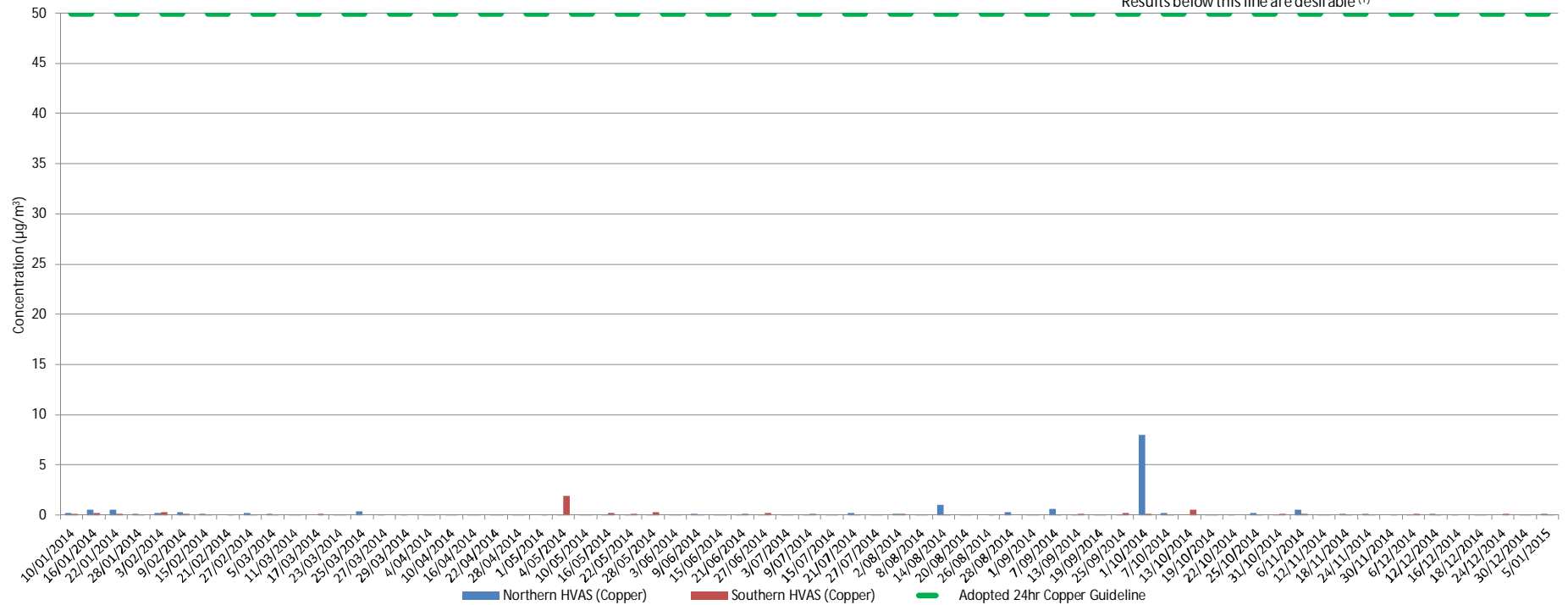


ConPorts Pty Ltd - 24 Hour Copper

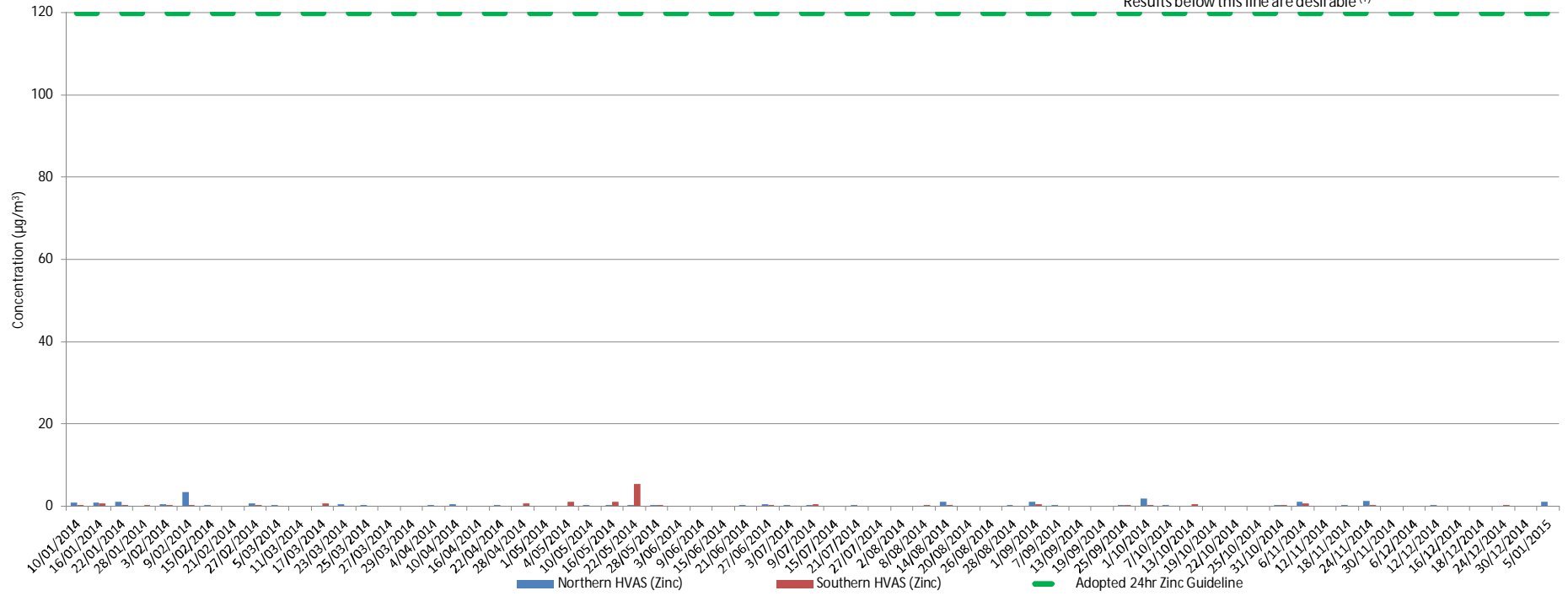
Results below this line are desirable ⁽¹⁾



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

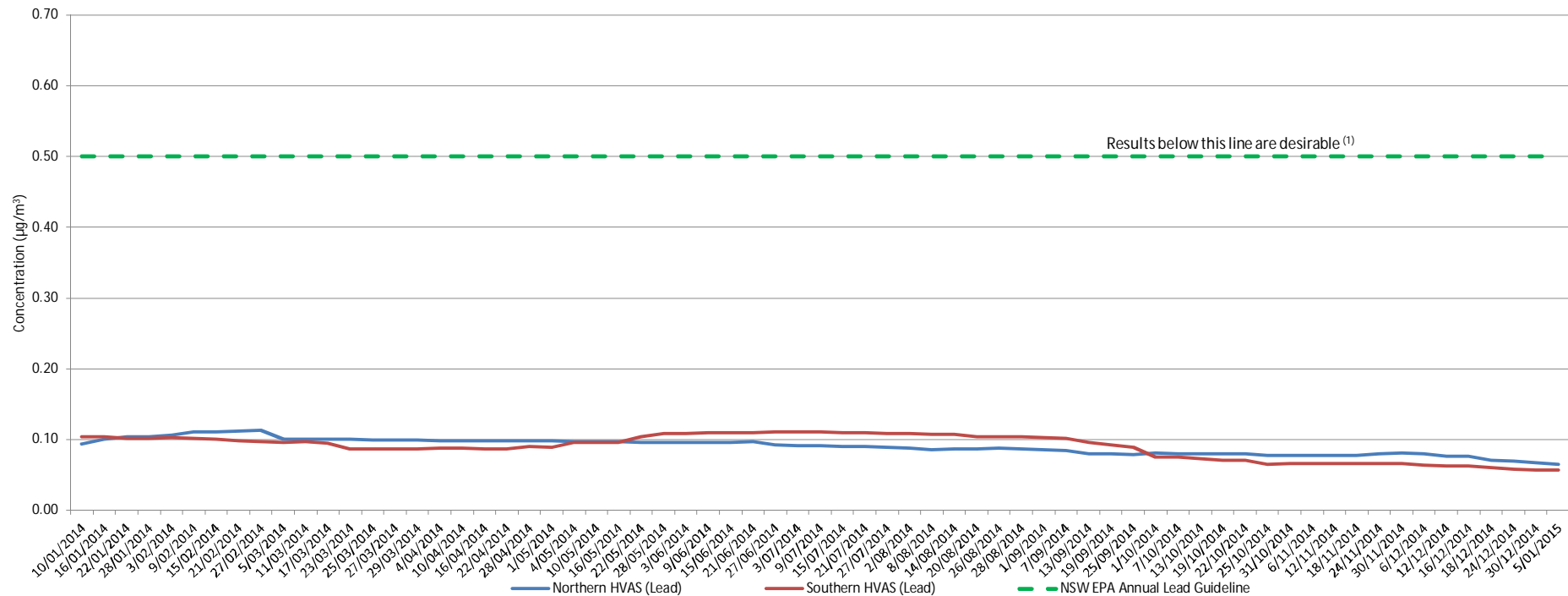
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



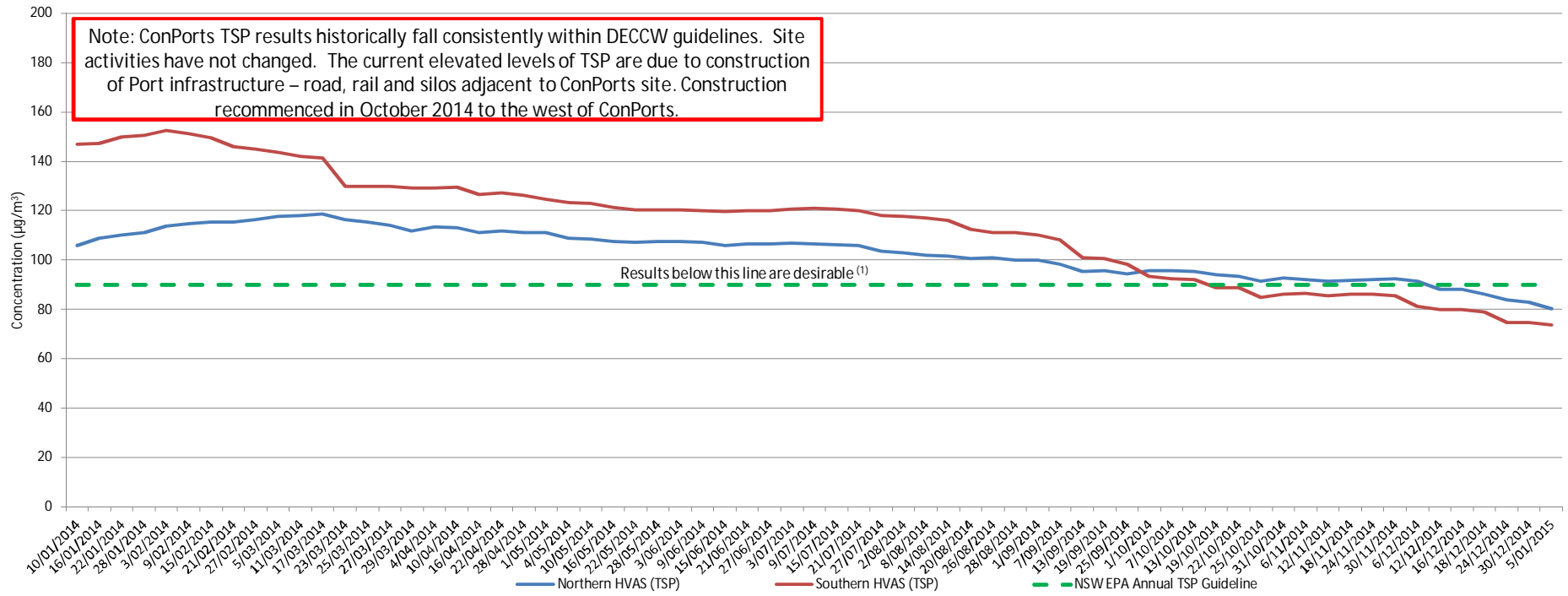
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

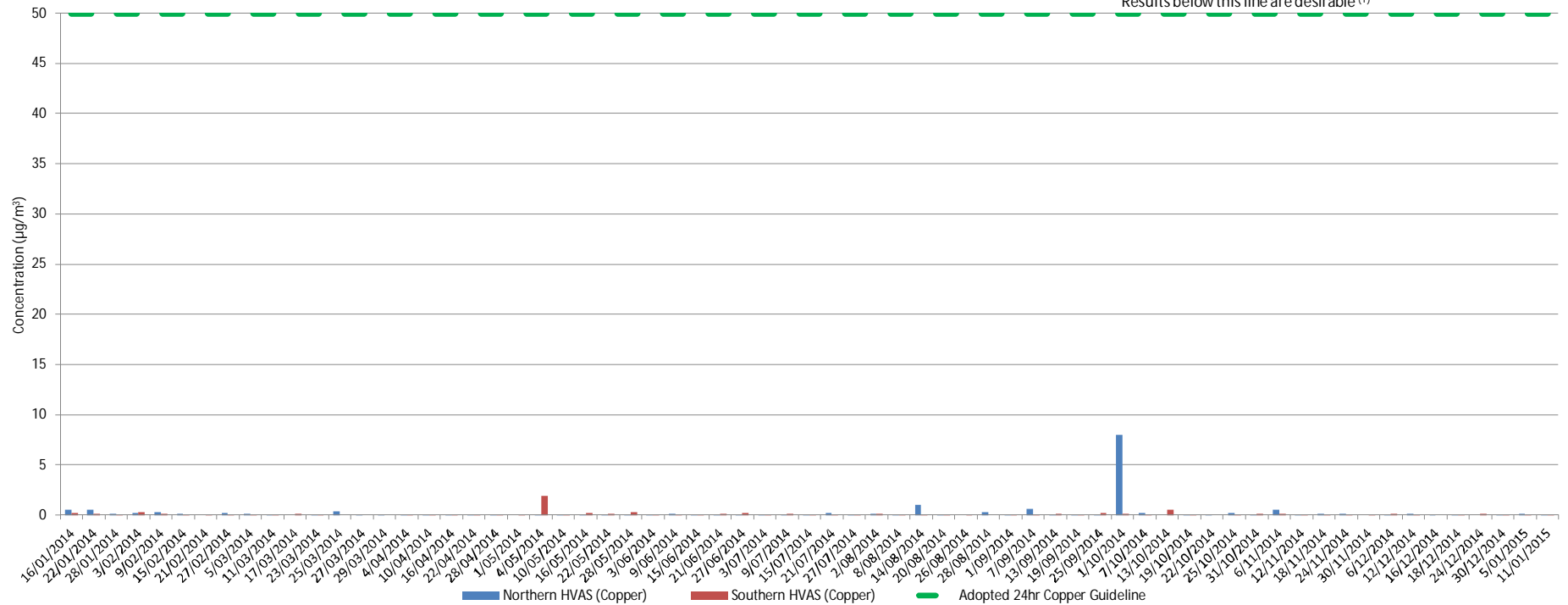
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	

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
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	Catch up sample at South location
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
29/03/2014	35.3	0.050	<0.007	0.07	DNR	DNR	DNR	DNR	South Sampler did not sample sufficient volume due to power issue.
27/03/2014	31.1	0.007	<0.007	0.03	-	-	-	-	Catch up sample at North location.
25/03/2014	53.1	0.390	0.021	0.31	-	-	-	-	Catch up sample at North location.
23/03/2014	60.1	0.069	0.055	0.58	73.7	0.030	0.009	0.080	
17/03/2014	DNR	DNR	DNR	DNR	112.0	0.137	0.070	0.773	North sampler did not run due to no power to sampler.
11/03/2014	58.5	0.044	0.017	0.10	39.8	0.026	<0.007	0.054	
5/03/2014	144.0	0.098	0.042	0.32	56.8	0.049	0.016	0.171	
27/02/2014	114.0	0.208	0.080	0.79	61.2	0.029	0.018	0.257	
21/02/2014	DNR	DNR	DNR	DNR	78.3	0.026	0.013	0.118	North sampler did not run due to no power to sampler.
15/02/2014	94.0	0.122	0.091	0.34	62.5	0.030	0.013	0.154	
9/02/2014	139.0	0.271	0.284	3.52	147.0	0.164	0.036	0.323	
3/02/2014	213.0	0.196	0.128	0.41	206.0	0.264	0.042	0.311	

ConPorts Pty Ltd - 24 Hour Copper

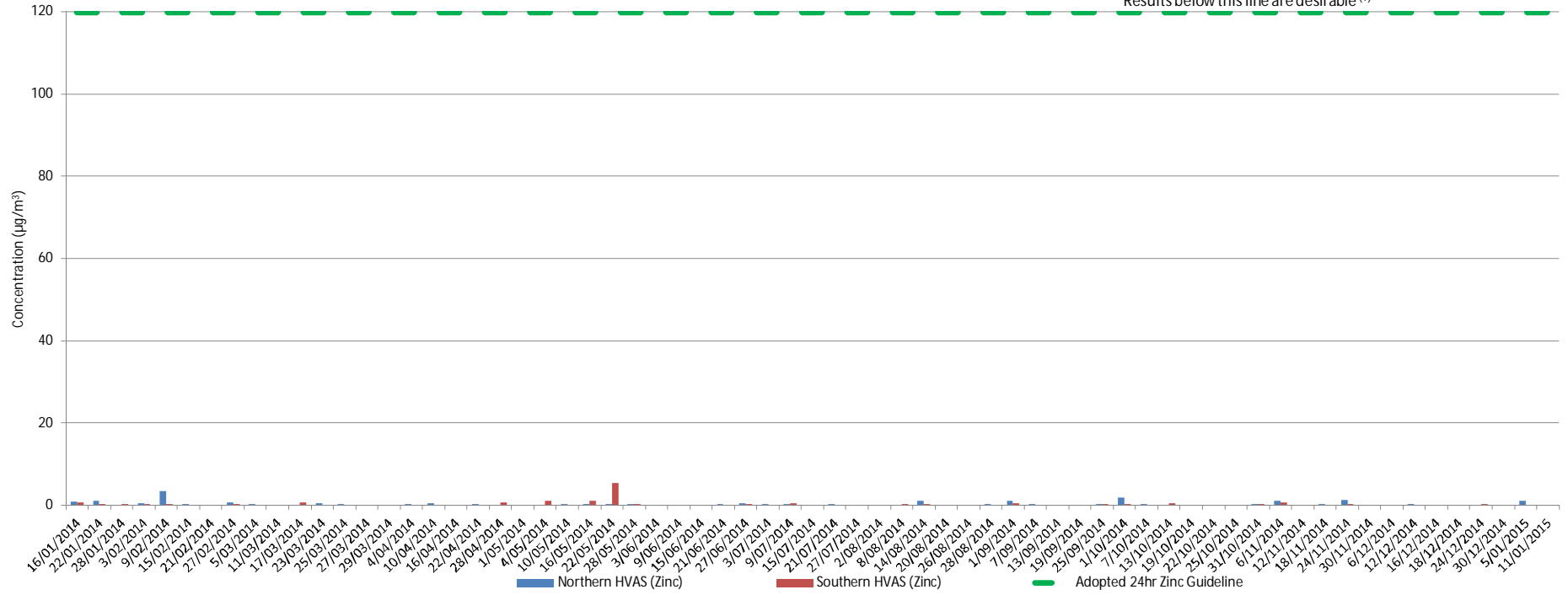
Results below this line are desirable ⁽¹⁾



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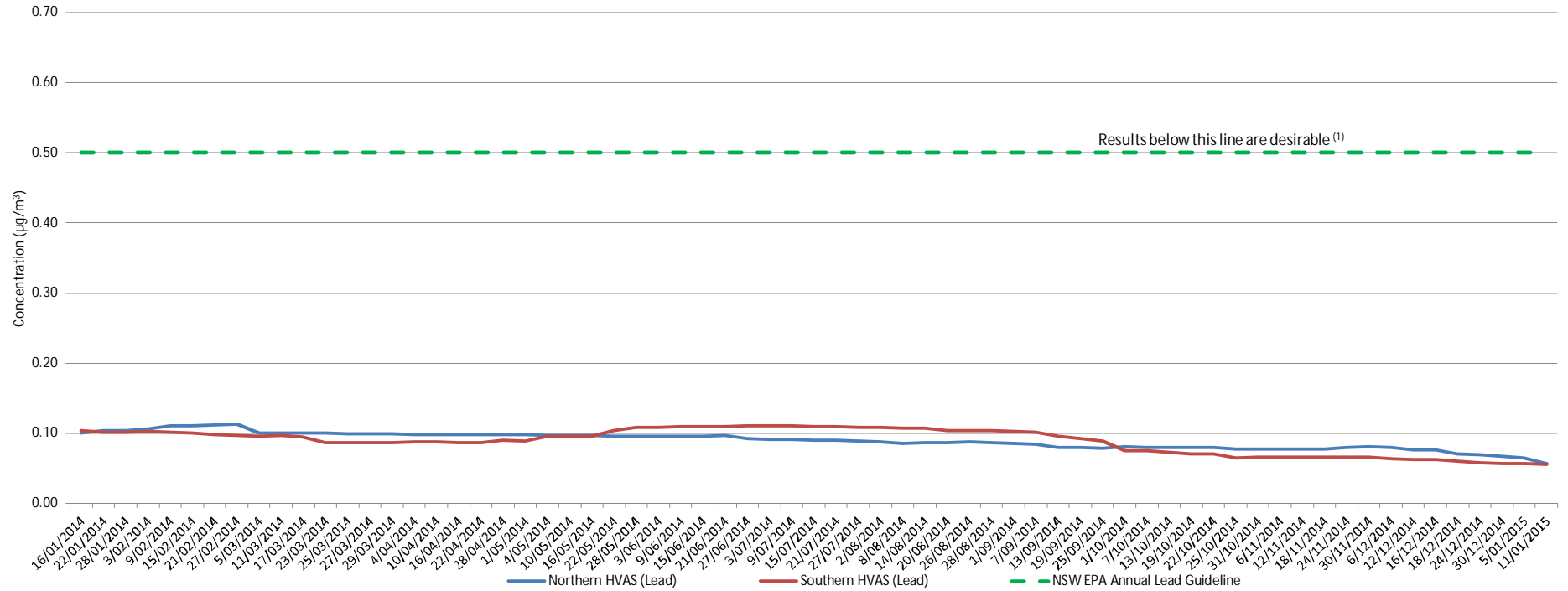
ConPorts Pty Ltd - 24 Hour Zinc

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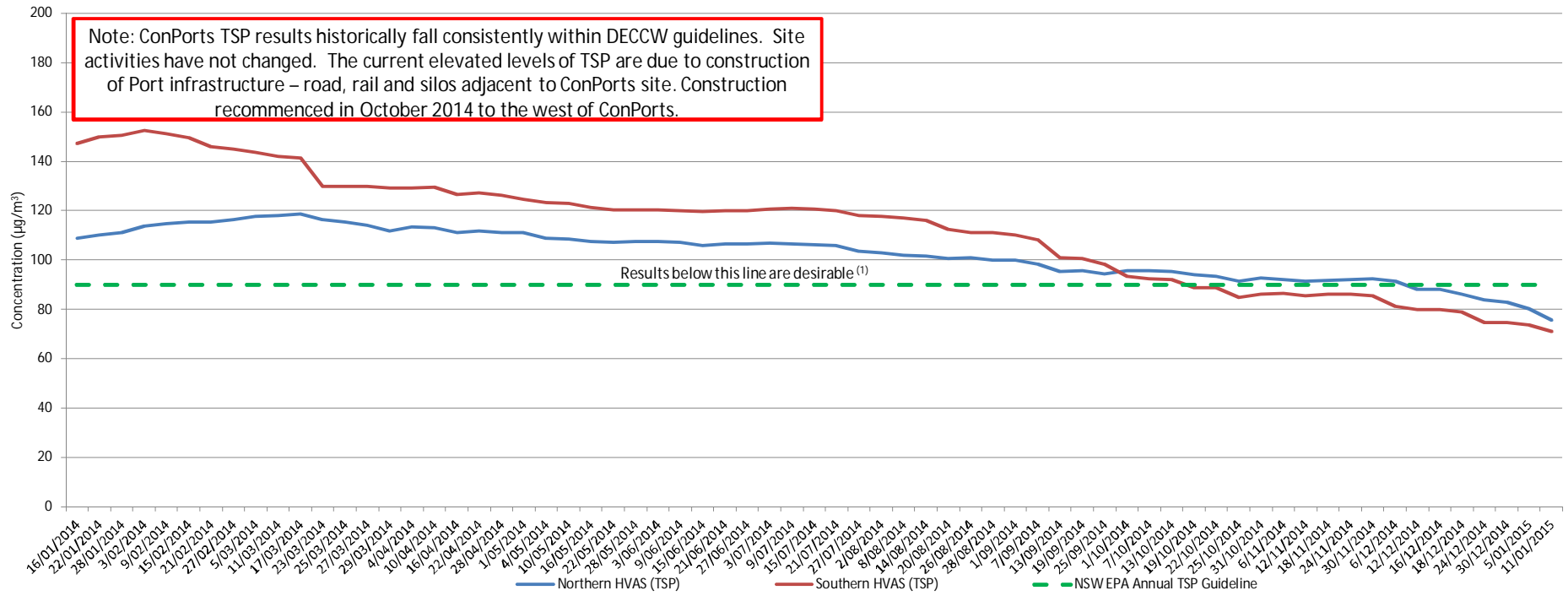
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

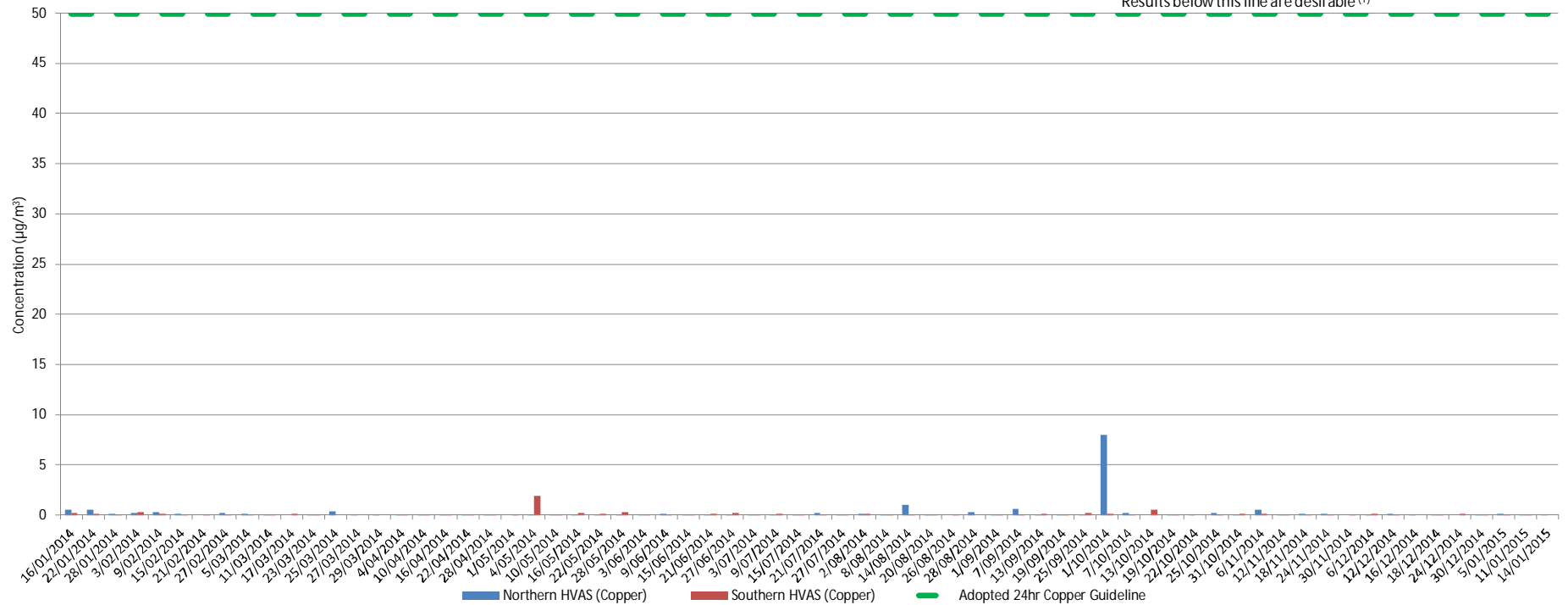
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
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12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
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14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
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27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
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15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	

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
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	Catch up sample at South location
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	
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16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
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21/02/2014	DNR	DNR	DNR	DNR	78.3	0.026	0.013	0.118	North sampler did not run due to no power to sampler.
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ConPorts Pty Ltd - 24 Hour Copper

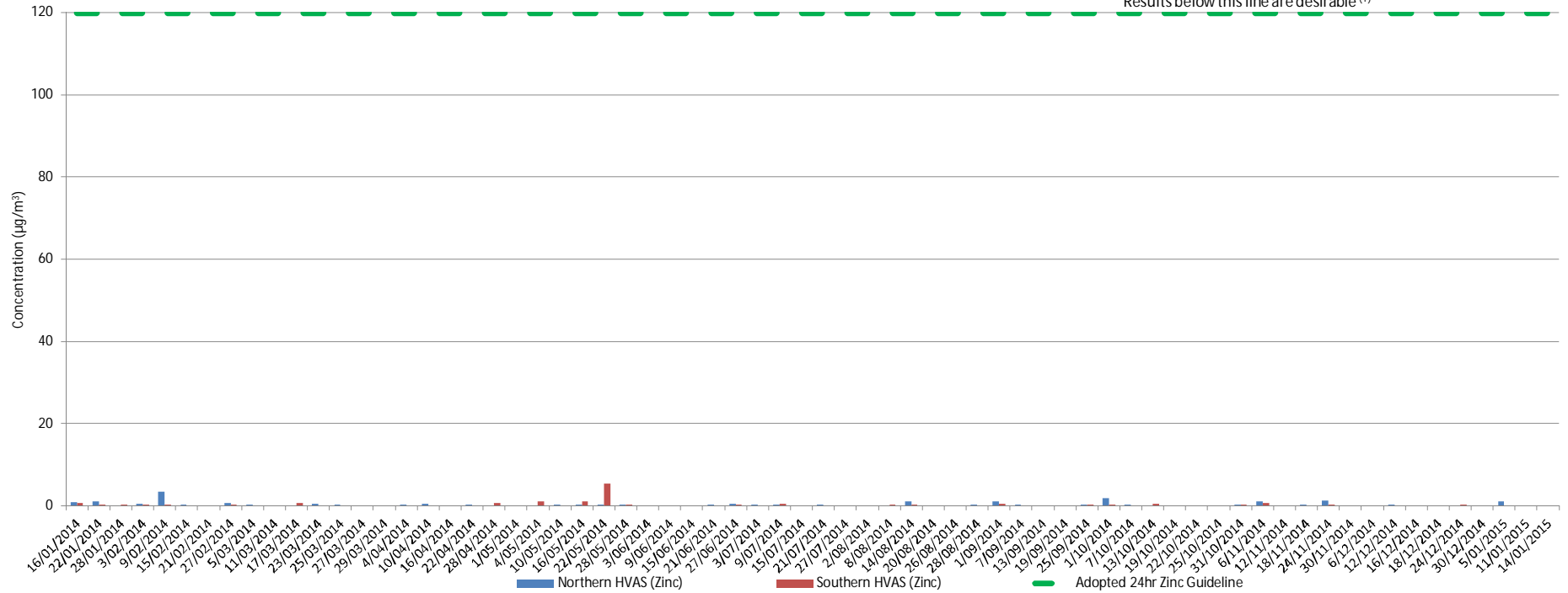
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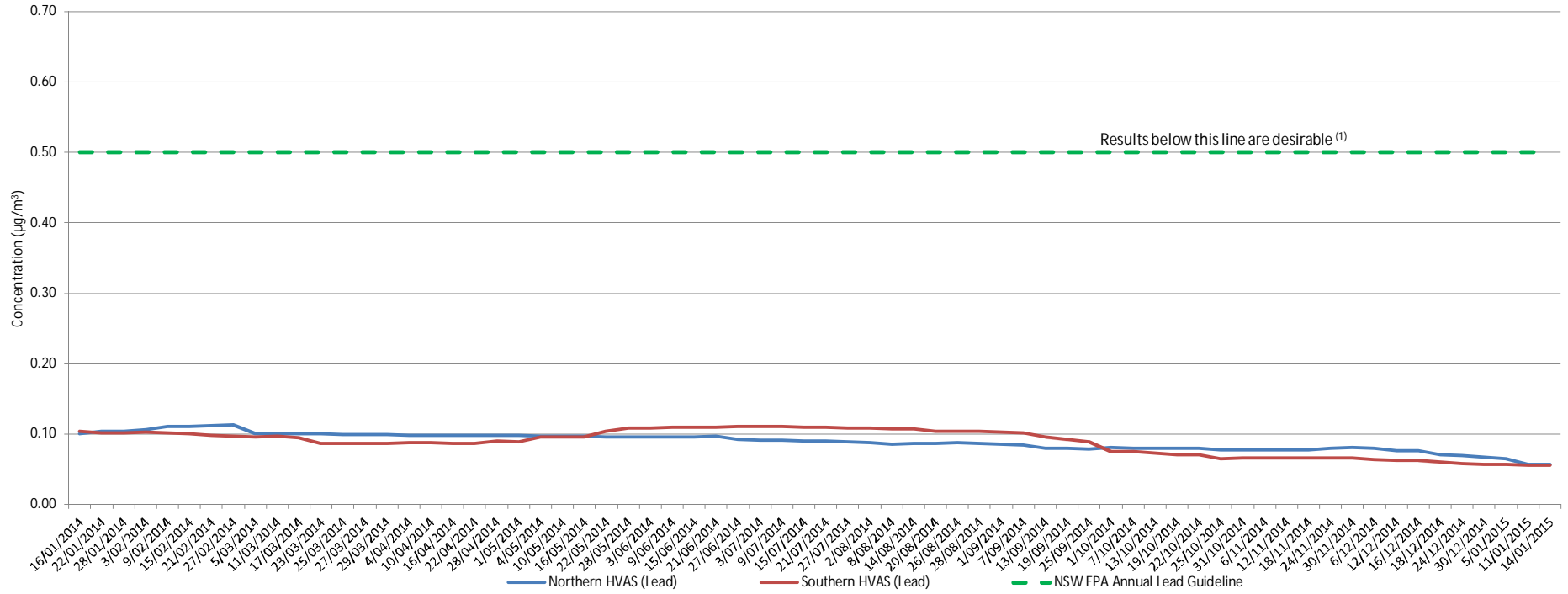
ConPorts Pty Ltd - 24 Hour Zinc

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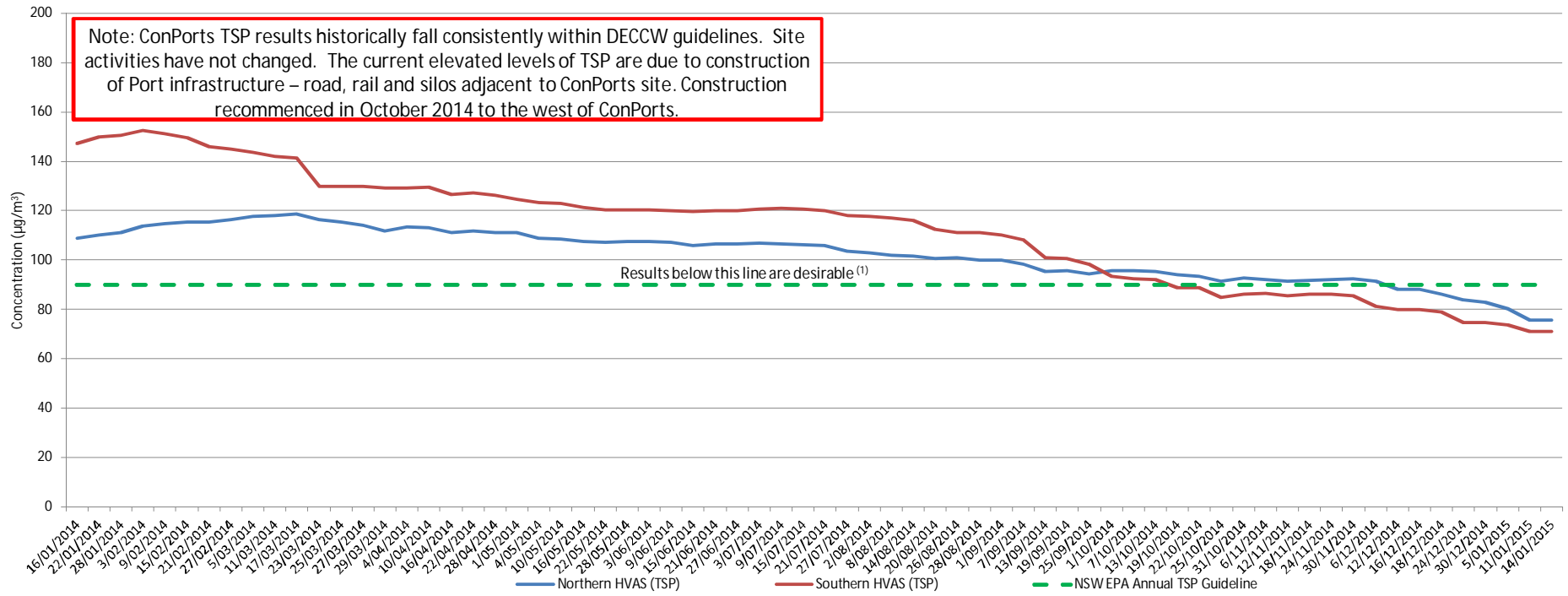
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



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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

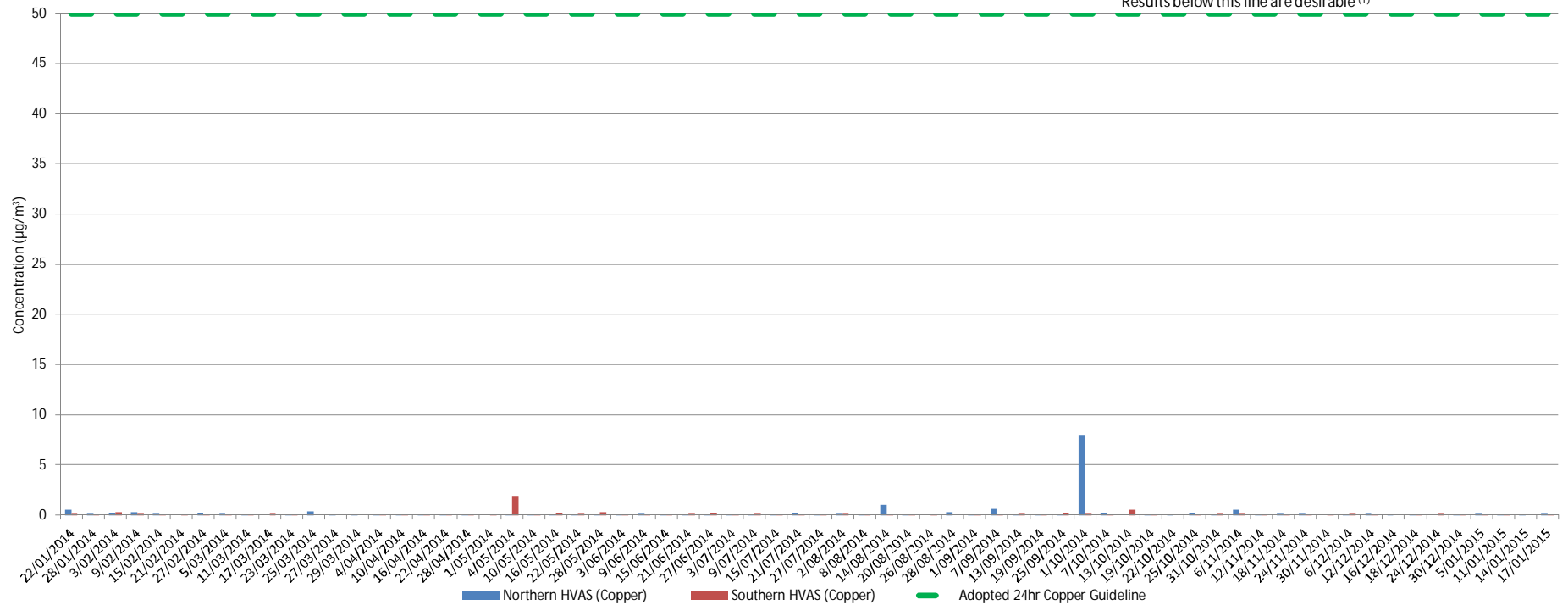
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28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	

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
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	Catch up sample at South location
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
29/03/2014	35.3	0.050	<0.007	0.07	DNR	DNR	DNR	DNR	South Sampler did not sample sufficient volume due to power issue.
27/03/2014	31.1	0.007	<0.007	0.03	-	-	-	-	Catch up sample at North location.
25/03/2014	53.1	0.390	0.021	0.31	-	-	-	-	Catch up sample at North location.
23/03/2014	60.1	0.069	0.055	0.58	73.7	0.030	0.009	0.080	
17/03/2014	DNR	DNR	DNR	DNR	112.0	0.137	0.070	0.773	North sampler did not run due to no power to sampler.
11/03/2014	58.5	0.044	0.017	0.10	39.8	0.026	<0.007	0.054	
5/03/2014	144.0	0.098	0.042	0.32	56.8	0.049	0.016	0.171	
27/02/2014	114.0	0.208	0.080	0.79	61.2	0.029	0.018	0.257	
21/02/2014	DNR	DNR	DNR	DNR	78.3	0.026	0.013	0.118	North sampler did not run due to no power to sampler.
15/02/2014	94.0	0.122	0.091	0.34	62.5	0.030	0.013	0.154	

ConPorts Pty Ltd - 24 Hour Copper

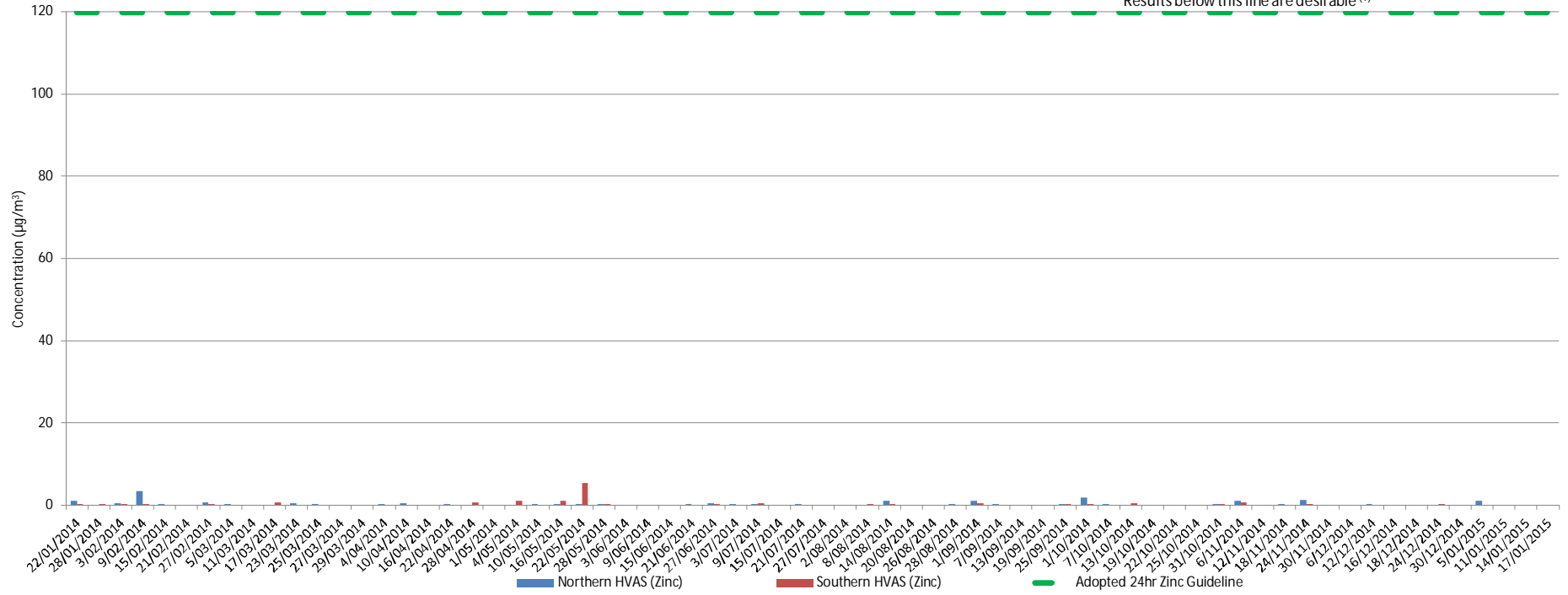
Results below this line are desirable ⁽¹⁾



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

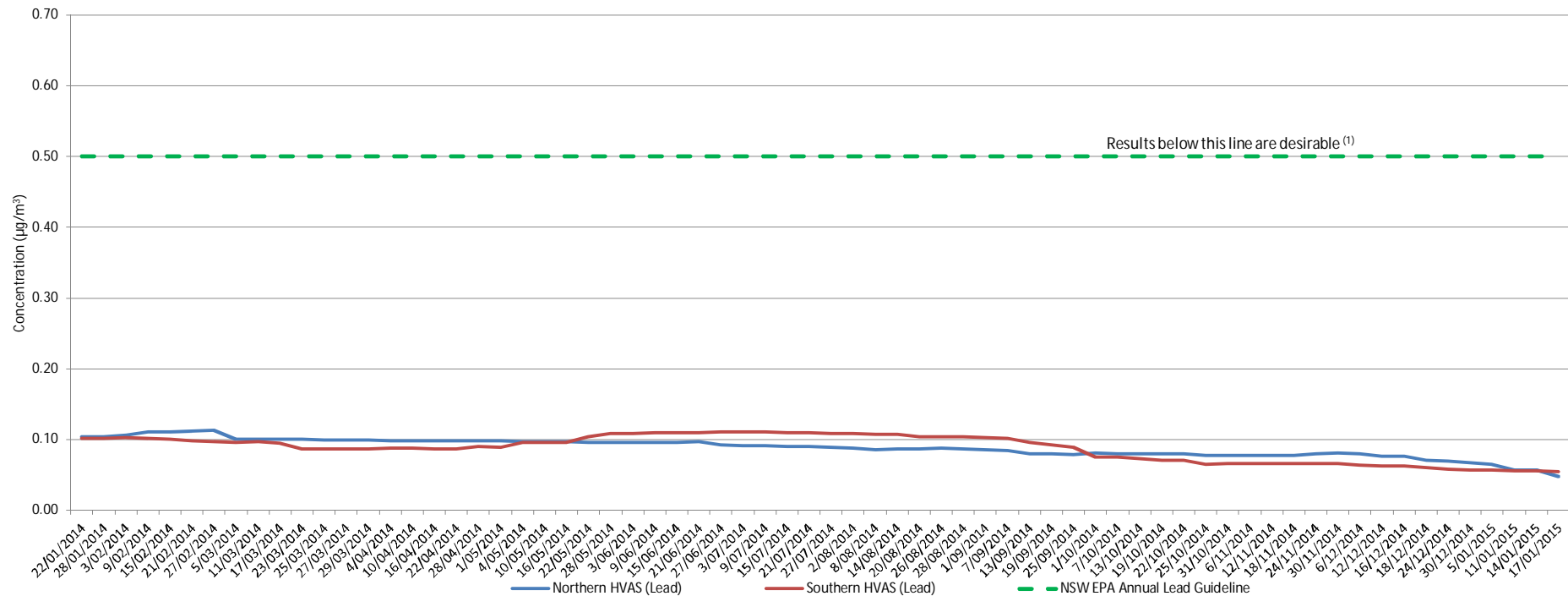
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



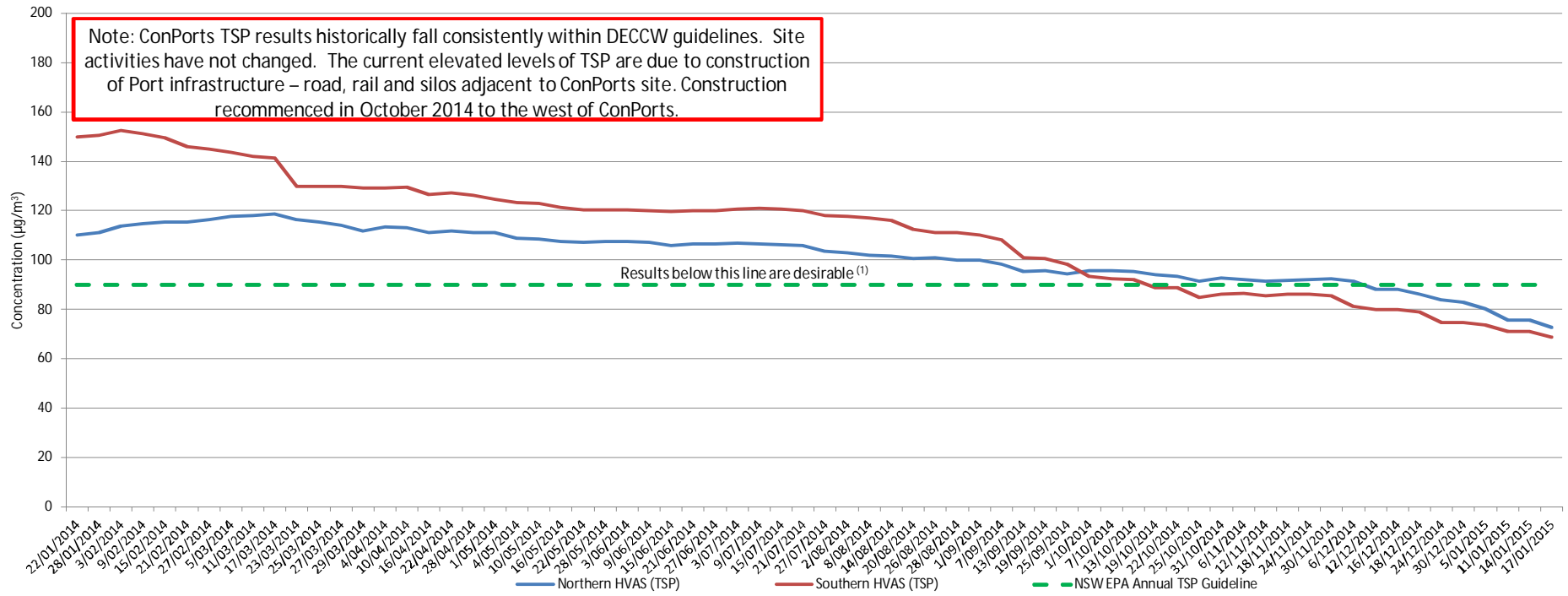
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

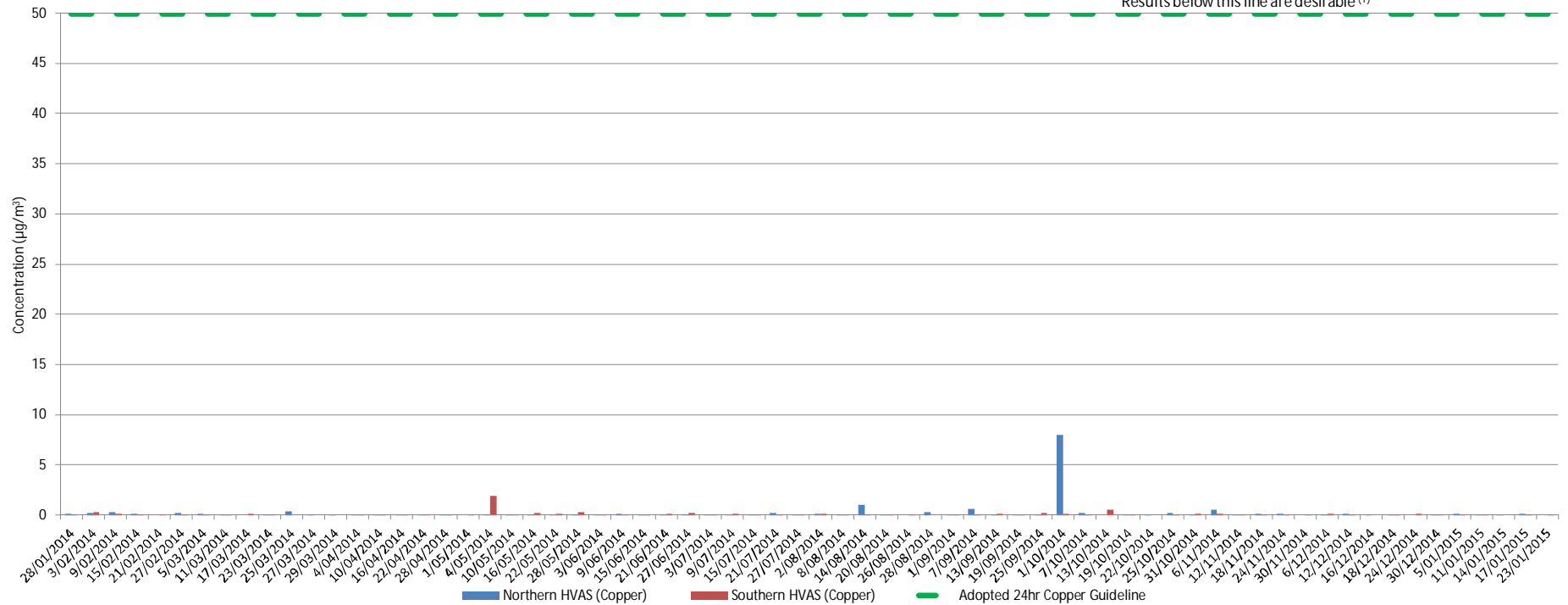
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	

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
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	Catch up sample at South location
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
29/03/2014	35.3	0.050	<0.007	0.07	DNR	DNR	DNR	DNR	South Sampler did not sample sufficient volume due to power issue.
27/03/2014	31.1	0.007	<0.007	0.03	-	-	-	-	Catch up sample at North location.
25/03/2014	53.1	0.390	0.021	0.31	-	-	-	-	Catch up sample at North location.
23/03/2014	60.1	0.069	0.055	0.58	73.7	0.030	0.009	0.080	
17/03/2014	DNR	DNR	DNR	DNR	112.0	0.137	0.070	0.773	North sampler did not run due to no power to sampler.
11/03/2014	58.5	0.044	0.017	0.10	39.8	0.026	<0.007	0.054	
5/03/2014	144.0	0.098	0.042	0.32	56.8	0.049	0.016	0.171	
27/02/2014	114.0	0.208	0.080	0.79	61.2	0.029	0.018	0.257	
21/02/2014	DNR	DNR	DNR	DNR	78.3	0.026	0.013	0.118	North sampler did not run due to no power to sampler.

ConPorts Pty Ltd - 24 Hour Copper

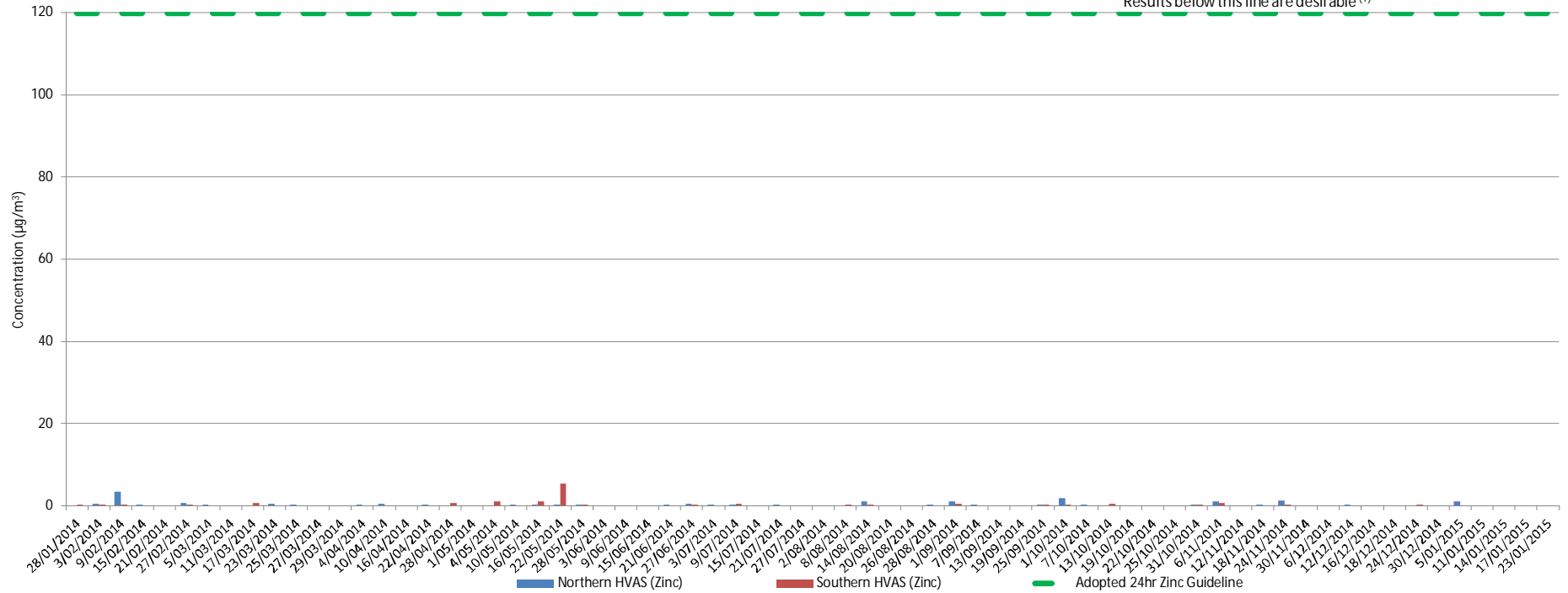
Results below this line are desirable ⁽¹⁾



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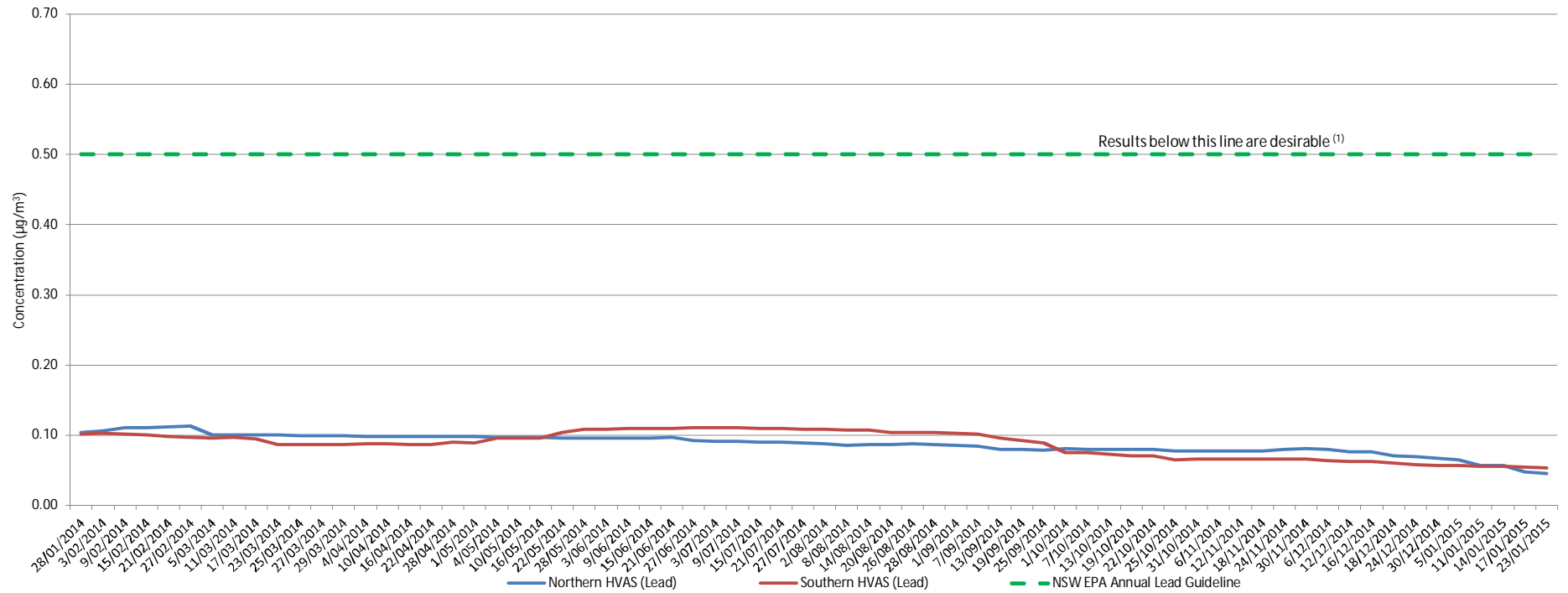
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



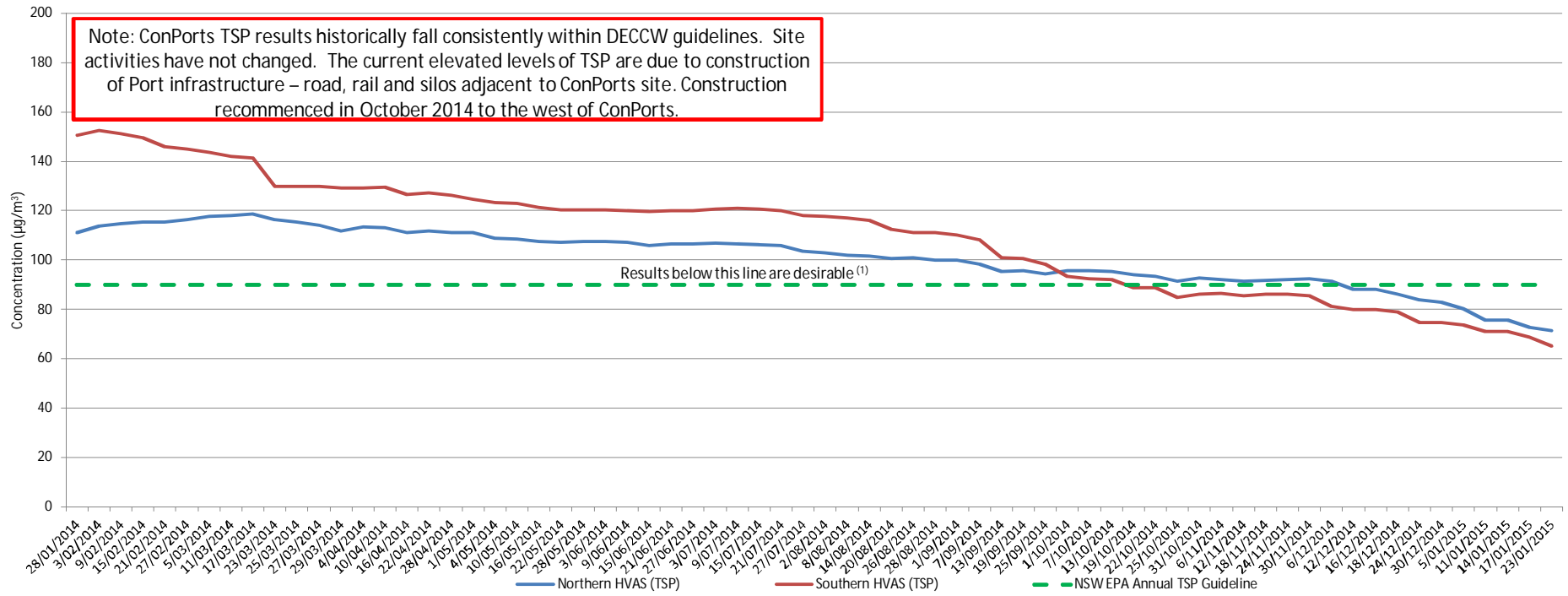
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

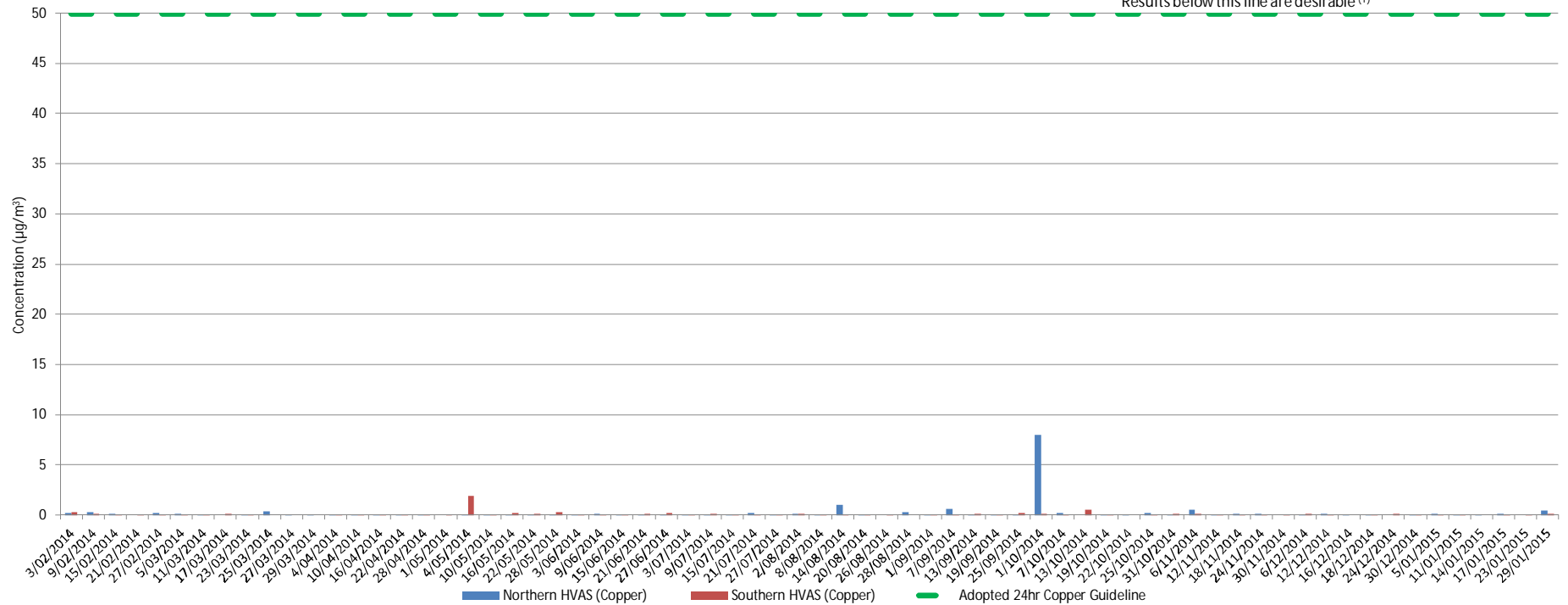
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
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27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	

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
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	Catch up sample at South location
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
29/03/2014	35.3	0.050	<0.007	0.07	DNR	DNR	DNR	DNR	South Sampler did not sample sufficient volume due to power issue.
27/03/2014	31.1	0.007	<0.007	0.03	-	-	-	-	Catch up sample at North location.
25/03/2014	53.1	0.390	0.021	0.31	-	-	-	-	Catch up sample at North location.
23/03/2014	60.1	0.069	0.055	0.58	73.7	0.030	0.009	0.080	
17/03/2014	DNR	DNR	DNR	DNR	112.0	0.137	0.070	0.773	North sampler did not run due to no power to sampler.
11/03/2014	58.5	0.044	0.017	0.10	39.8	0.026	<0.007	0.054	
5/03/2014	144.0	0.098	0.042	0.32	56.8	0.049	0.016	0.171	
27/02/2014	114.0	0.208	0.080	0.79	61.2	0.029	0.018	0.257	

ConPorts Pty Ltd - 24 Hour Copper

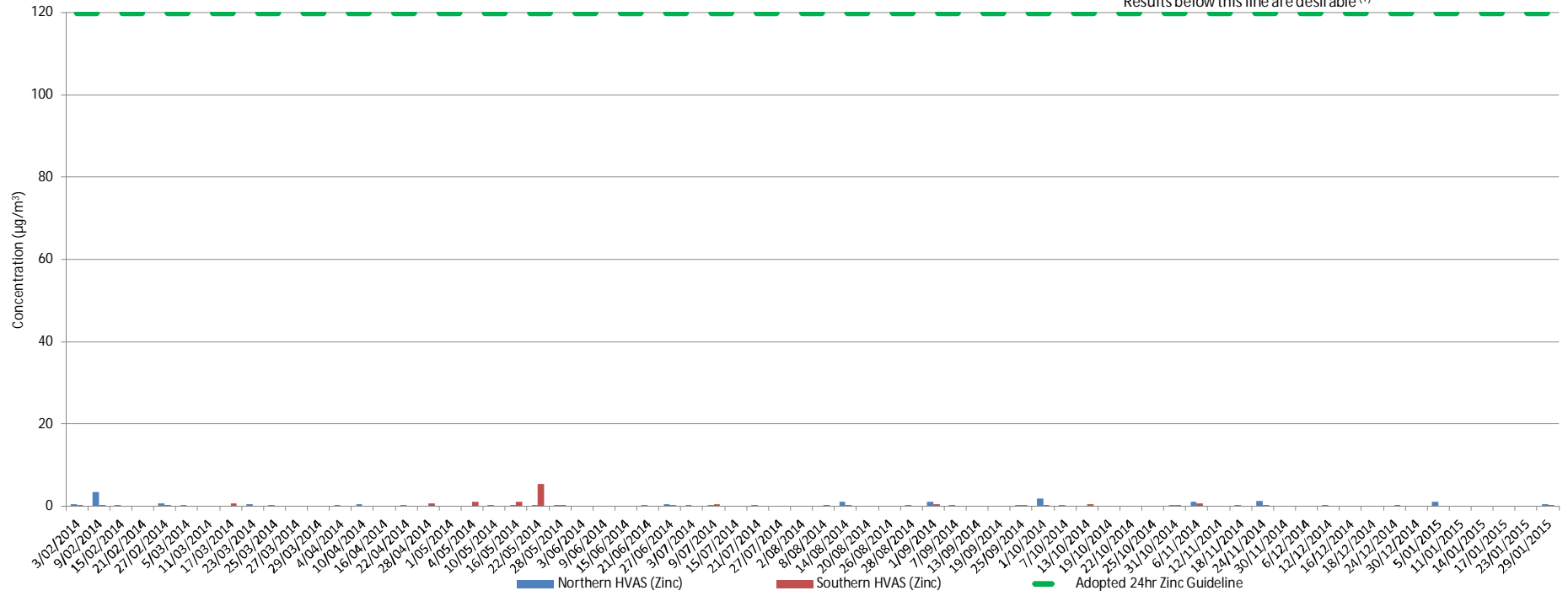
Results below this line are desirable ⁽¹⁾



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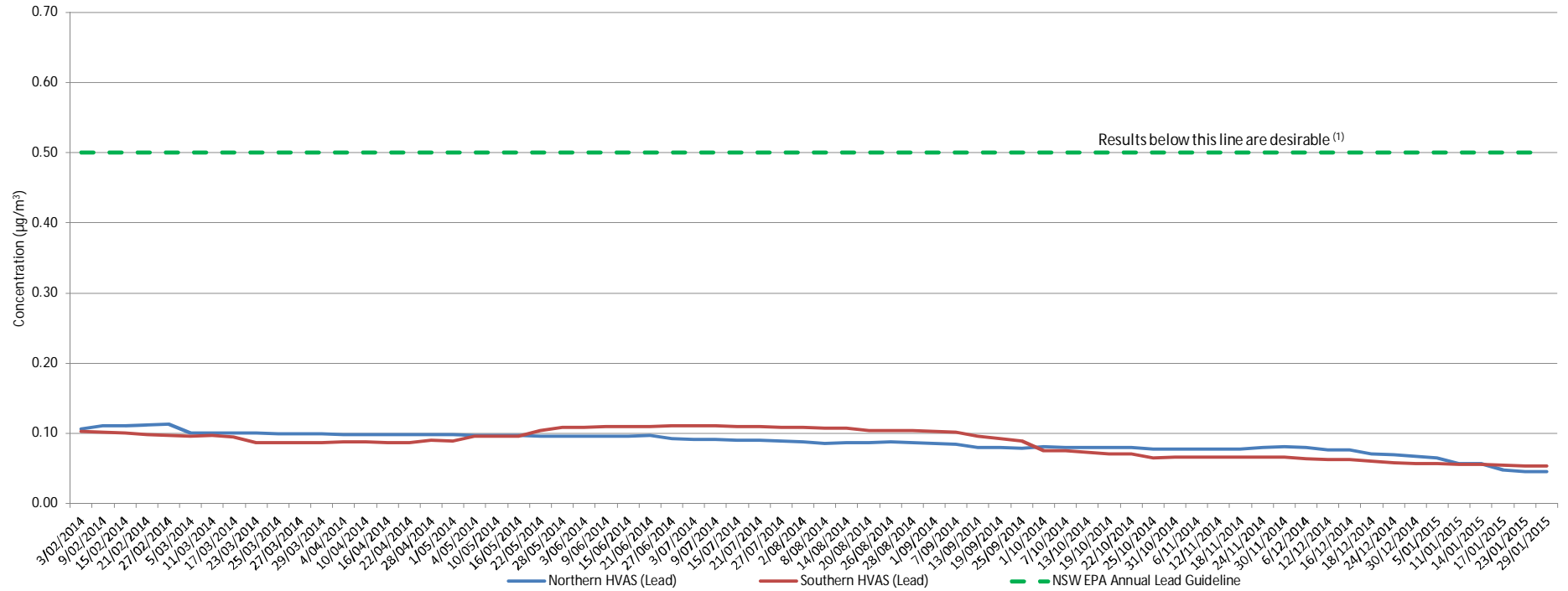
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



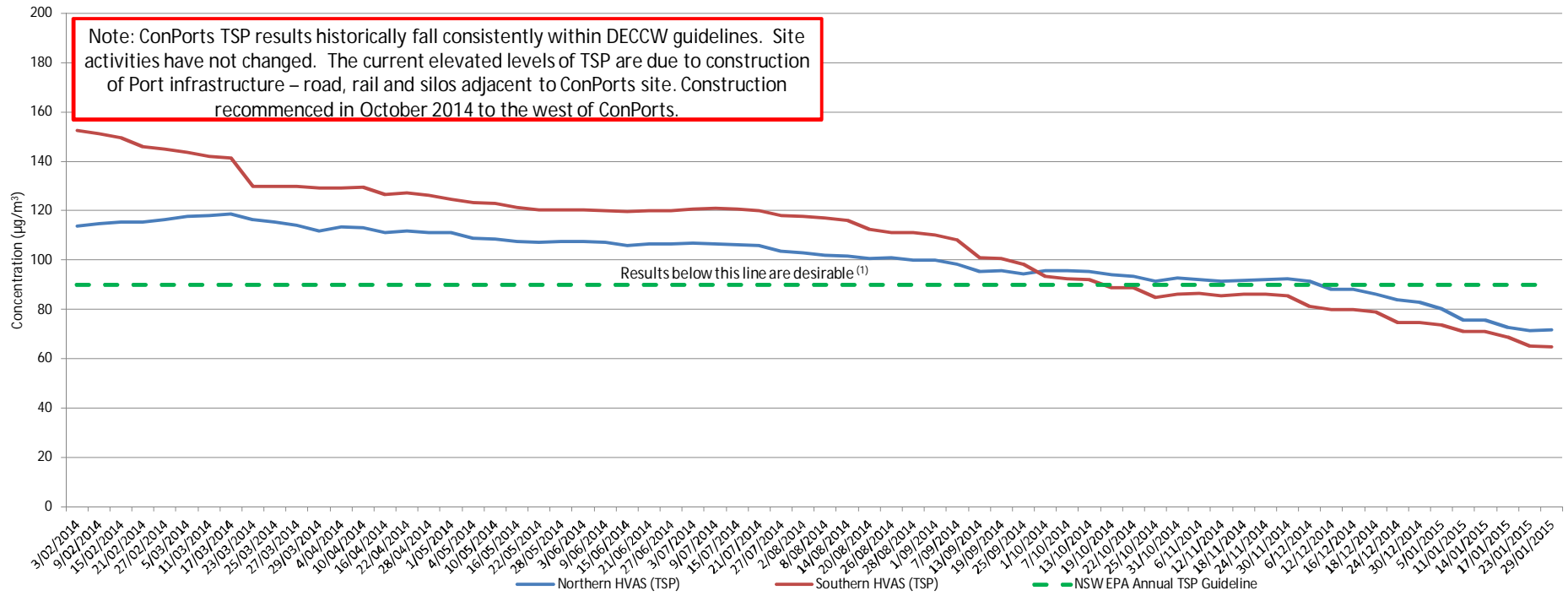
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

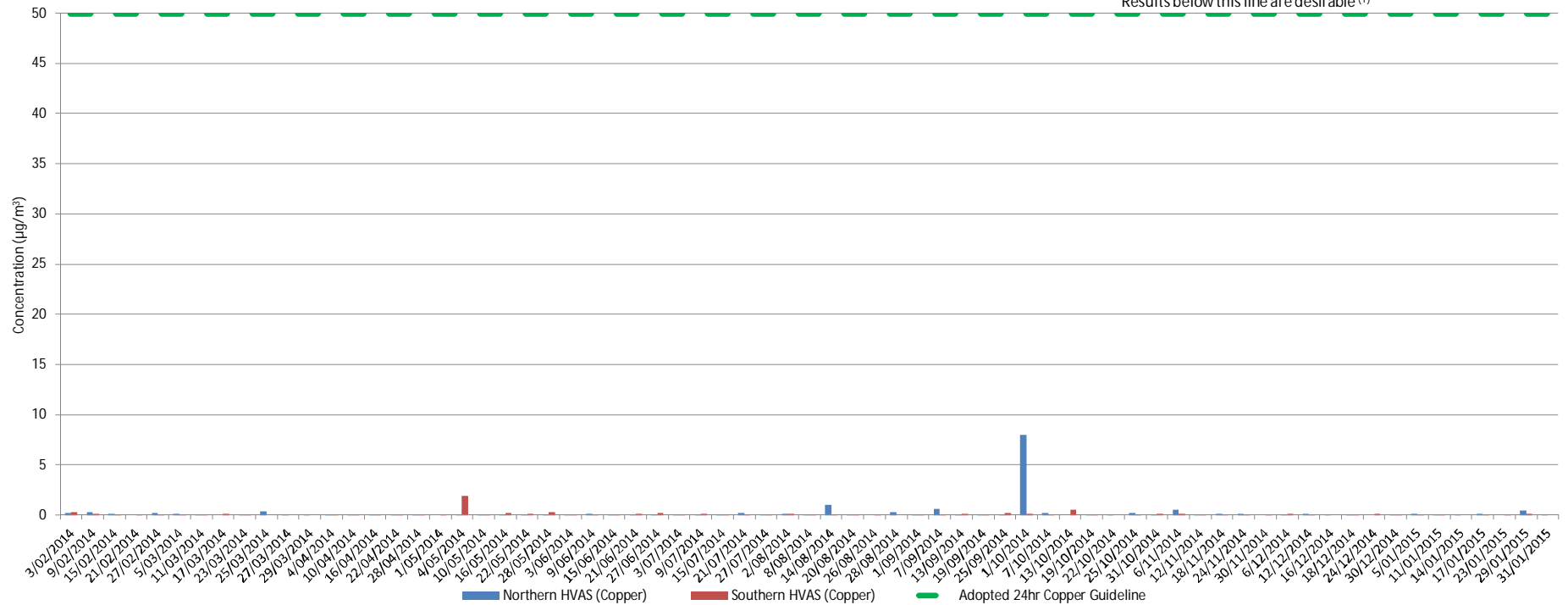
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	

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
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	Catch up sample at South location
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
29/03/2014	35.3	0.050	<0.007	0.07	DNR	DNR	DNR	DNR	South Sampler did not sample sufficient volume due to power issue.
27/03/2014	31.1	0.007	<0.007	0.03	-	-	-	-	Catch up sample at North location.
25/03/2014	53.1	0.390	0.021	0.31	-	-	-	-	Catch up sample at North location.
23/03/2014	60.1	0.069	0.055	0.58	73.7	0.030	0.009	0.080	
17/03/2014	DNR	DNR	DNR	DNR	112.0	0.137	0.070	0.773	North sampler did not run due to no power to sampler.
11/03/2014	58.5	0.044	0.017	0.10	39.8	0.026	<0.007	0.054	
5/03/2014	144.0	0.098	0.042	0.32	56.8	0.049	0.016	0.171	

ConPorts Pty Ltd - 24 Hour Copper

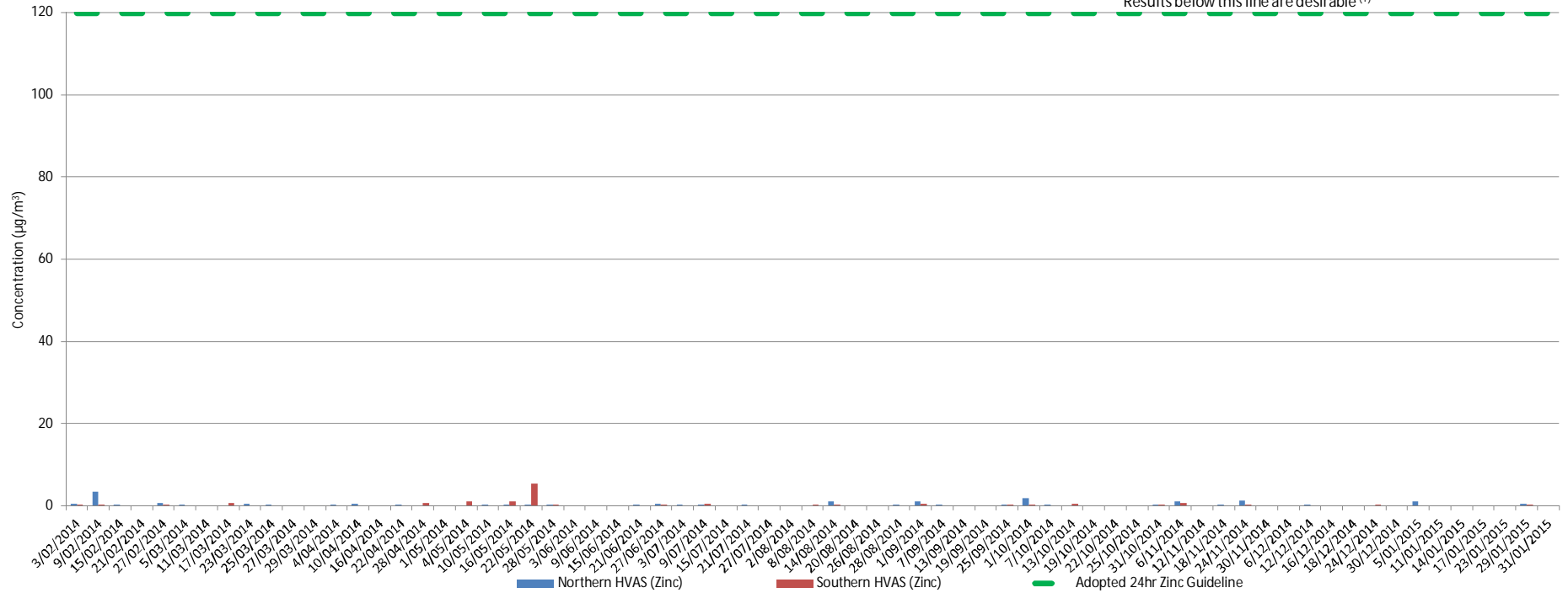
Results below this line are desirable ⁽¹⁾



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

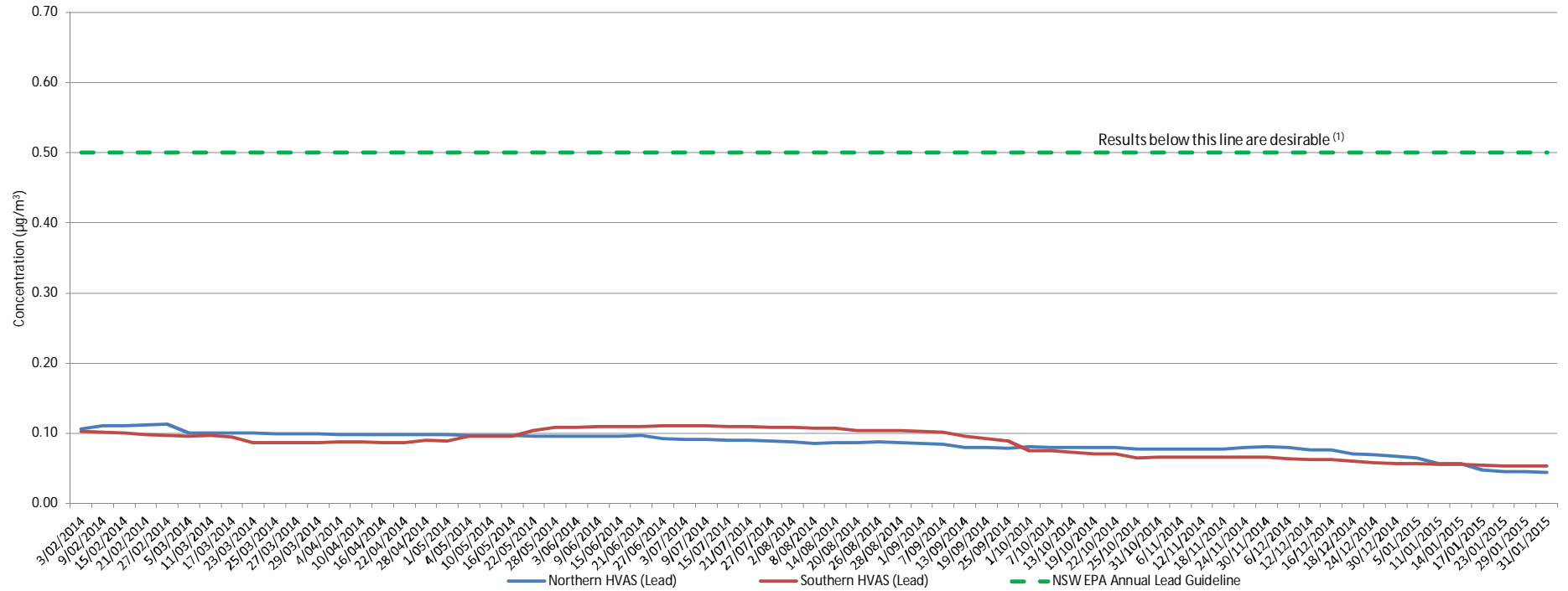
ConPorts Pty Ltd - 24 Hour Zinc

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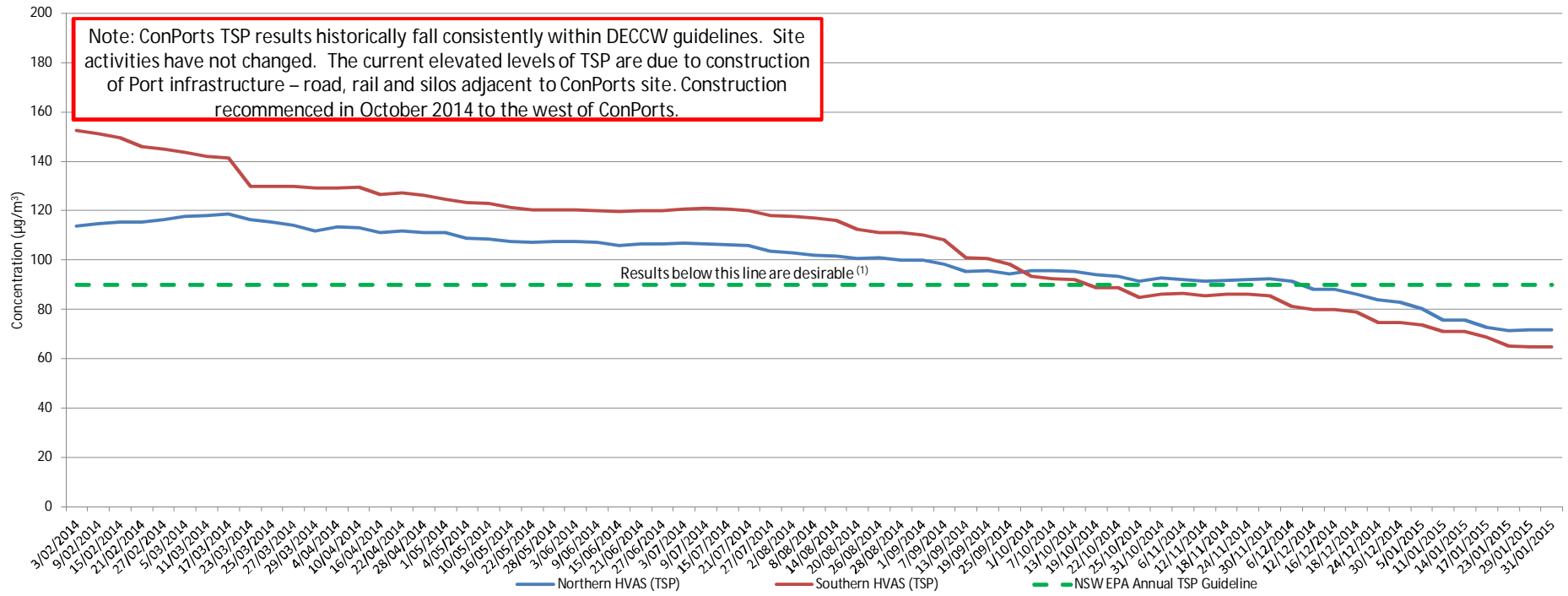
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(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

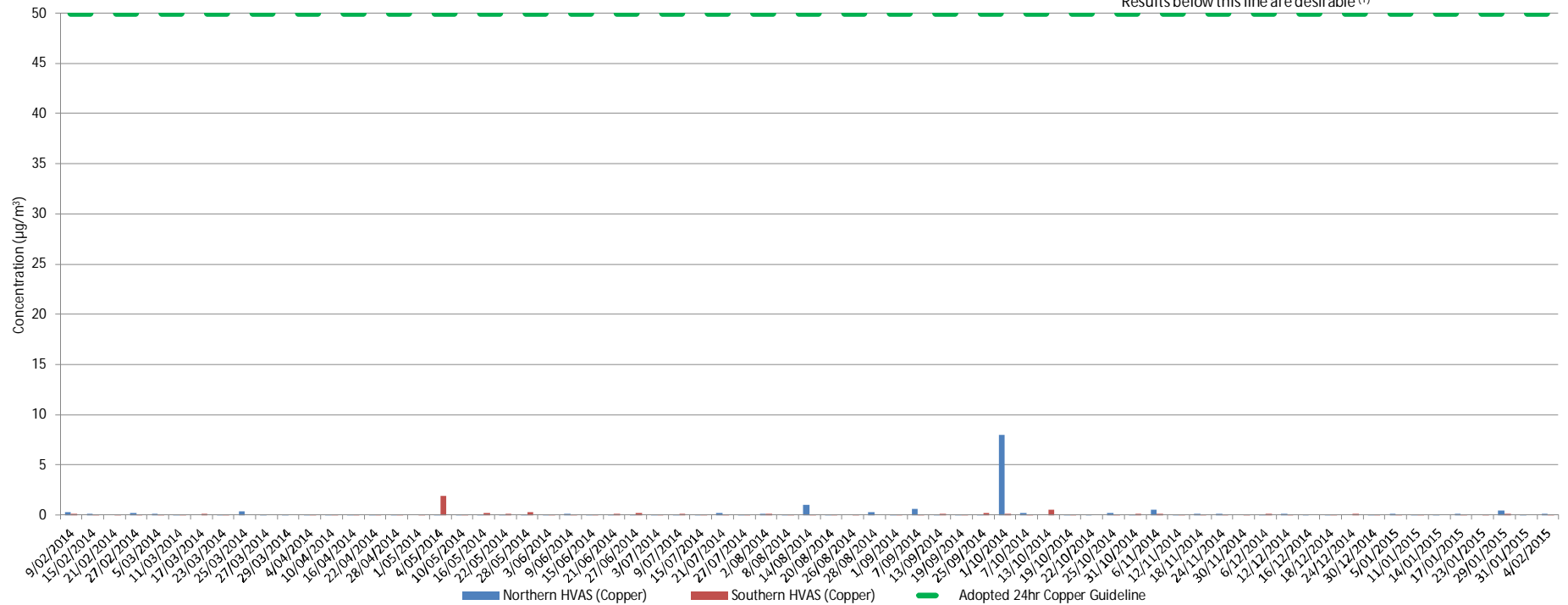
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
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18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	

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
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	Catch up sample at South location
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
29/03/2014	35.3	0.050	<0.007	0.07	DNR	DNR	DNR	DNR	South Sampler did not sample sufficient volume due to power issue.
27/03/2014	31.1	0.007	<0.007	0.03	-	-	-	-	Catch up sample at North location.
25/03/2014	53.1	0.390	0.021	0.31	-	-	-	-	Catch up sample at North location.
23/03/2014	60.1	0.069	0.055	0.58	73.7	0.030	0.009	0.080	
17/03/2014	DNR	DNR	DNR	DNR	112.0	0.137	0.070	0.773	North sampler did not run due to no power to sampler.
11/03/2014	58.5	0.044	0.017	0.10	39.8	0.026	<0.007	0.054	

ConPorts Pty Ltd - 24 Hour Copper

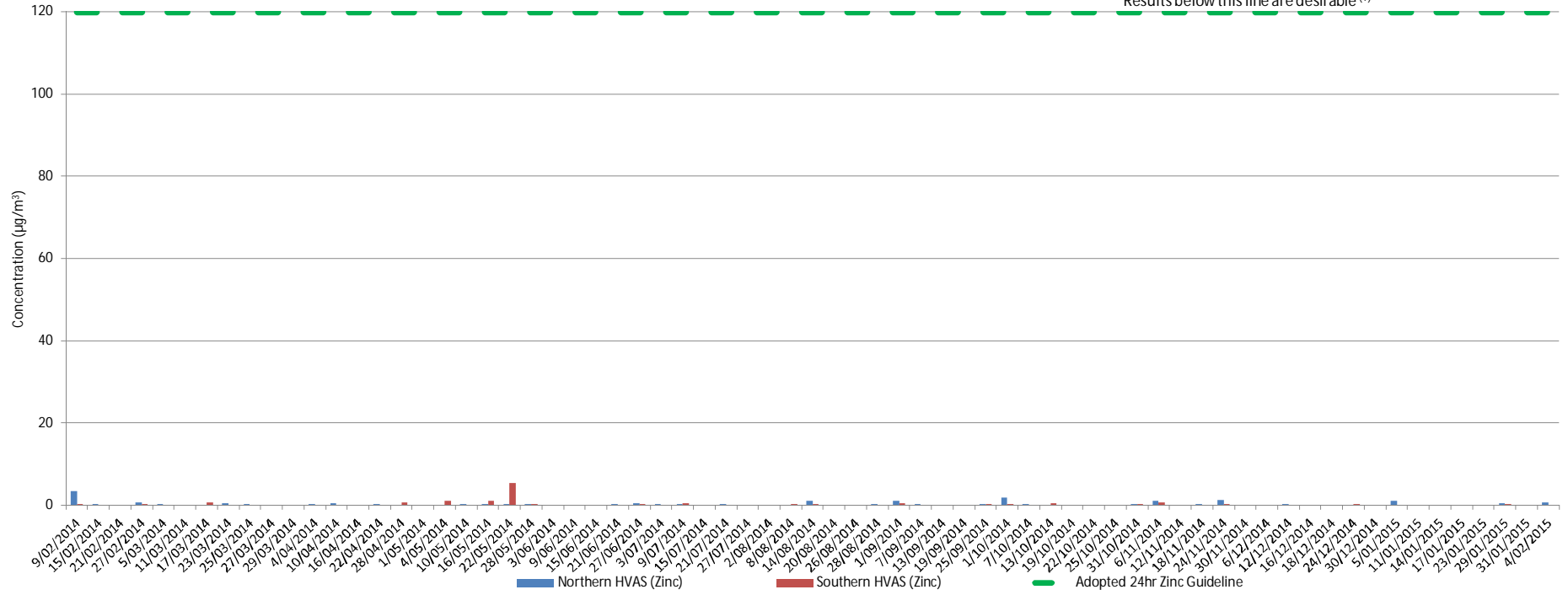
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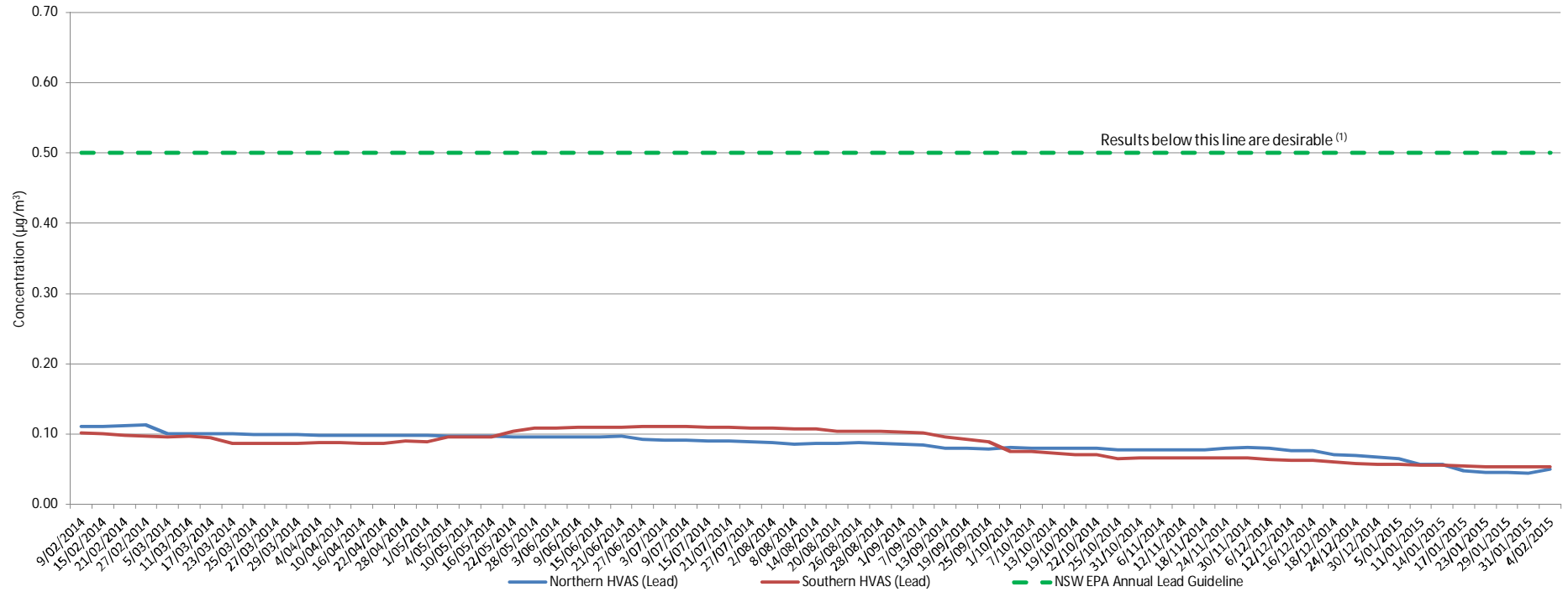
ConPorts Pty Ltd - 24 Hour Zinc

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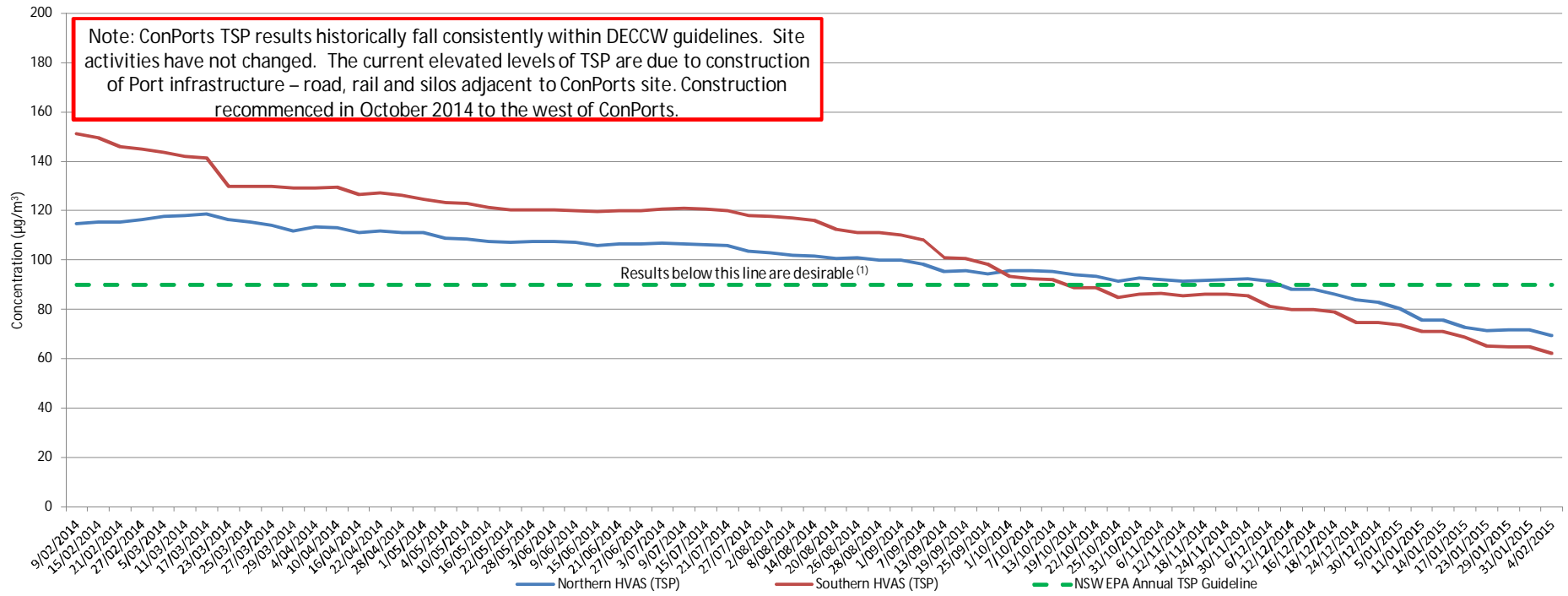
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



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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

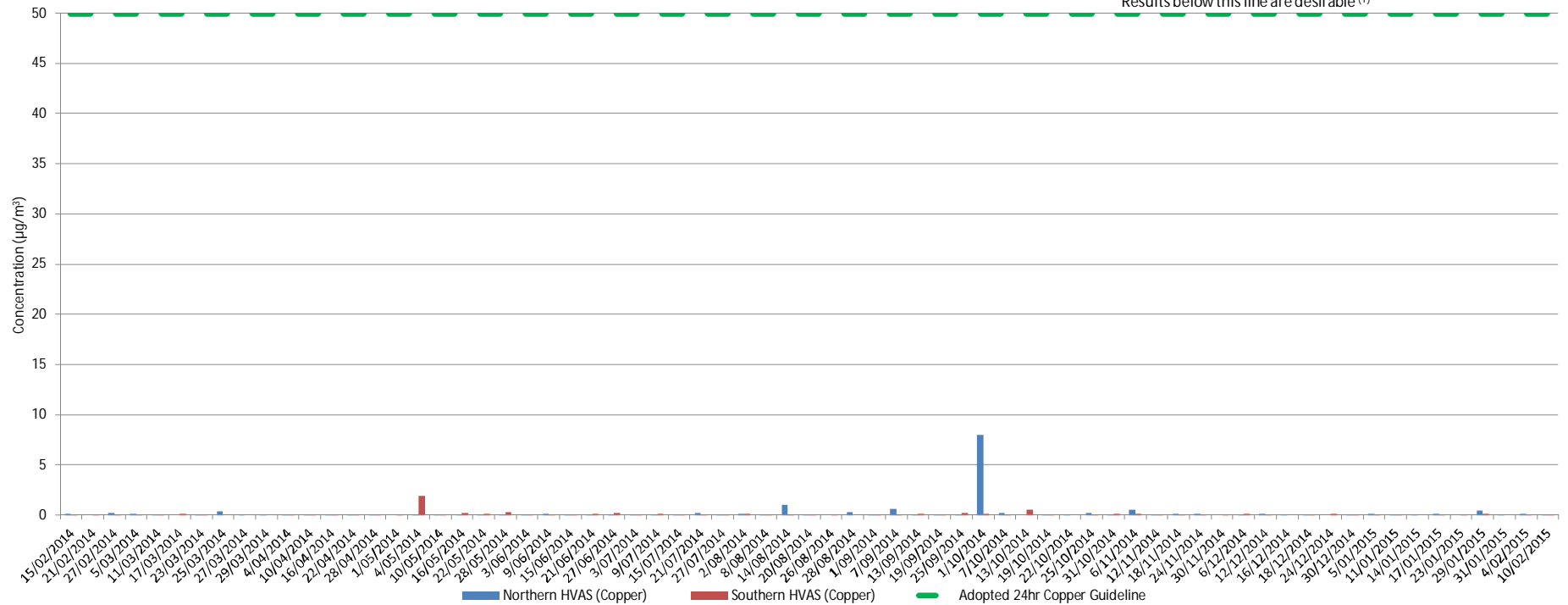
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4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
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25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
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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
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	Catch up sample at South location
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
29/03/2014	35.3	0.050	<0.007	0.07	DNR	DNR	DNR	DNR	South Sampler did not sample sufficient volume due to power issue.
27/03/2014	31.1	0.007	<0.007	0.03	-	-	-	-	Catch up sample at North location.
25/03/2014	53.1	0.390	0.021	0.31	-	-	-	-	Catch up sample at North location.
23/03/2014	60.1	0.069	0.055	0.58	73.7	0.030	0.009	0.080	
17/03/2014	DNR	DNR	DNR	DNR	112.0	0.137	0.070	0.773	North sampler did not run due to no power to sampler.

ConPorts Pty Ltd - 24 Hour Copper

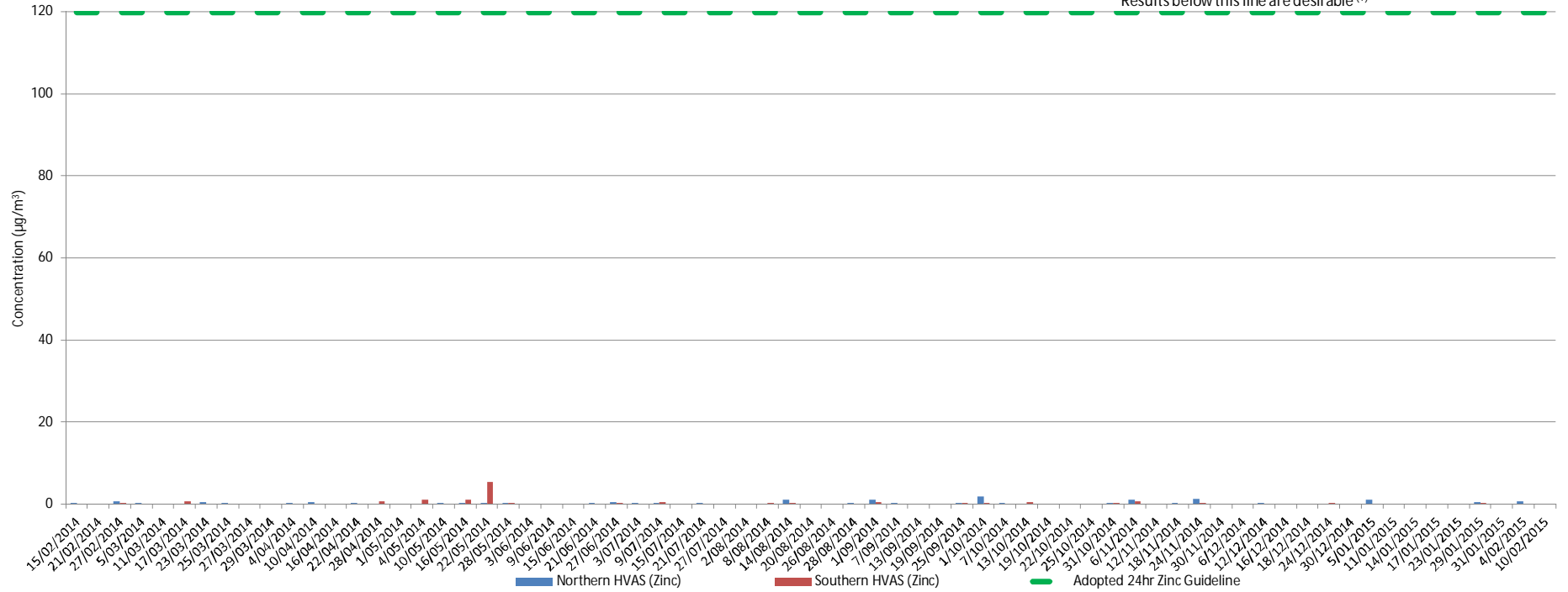
Results below this line are desirable ⁽¹⁾



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

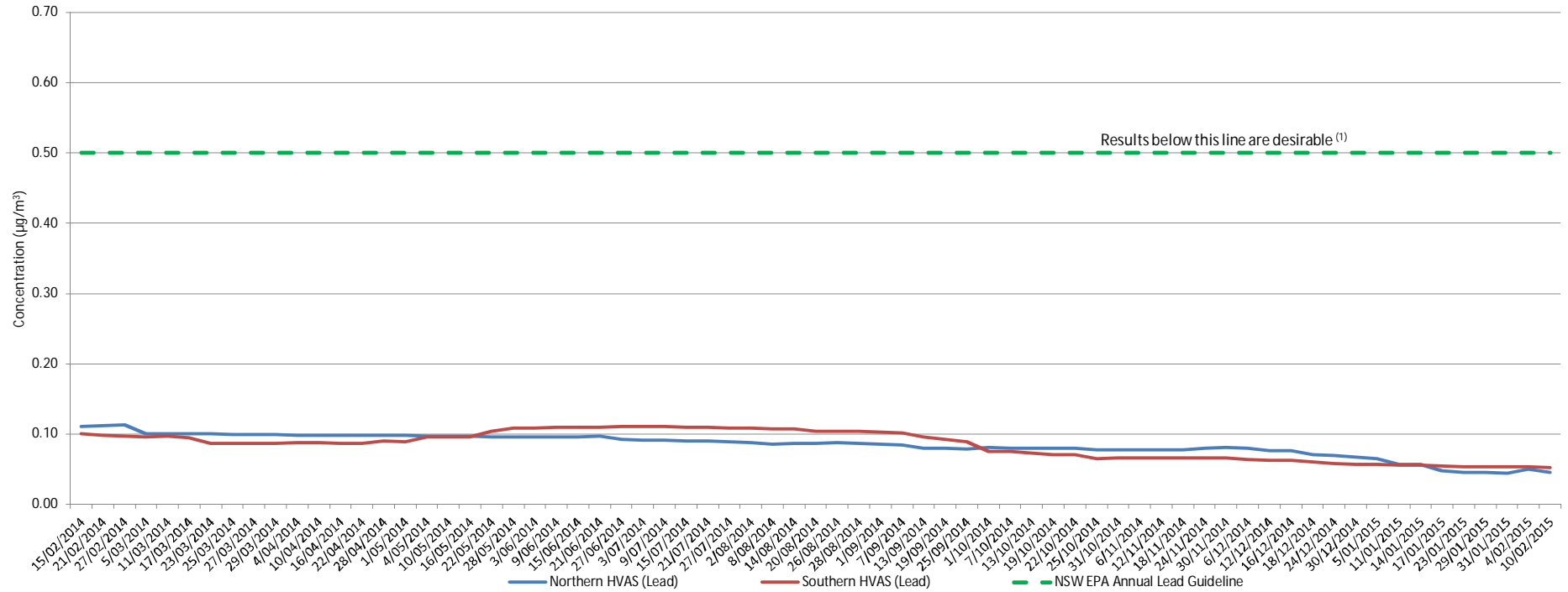
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



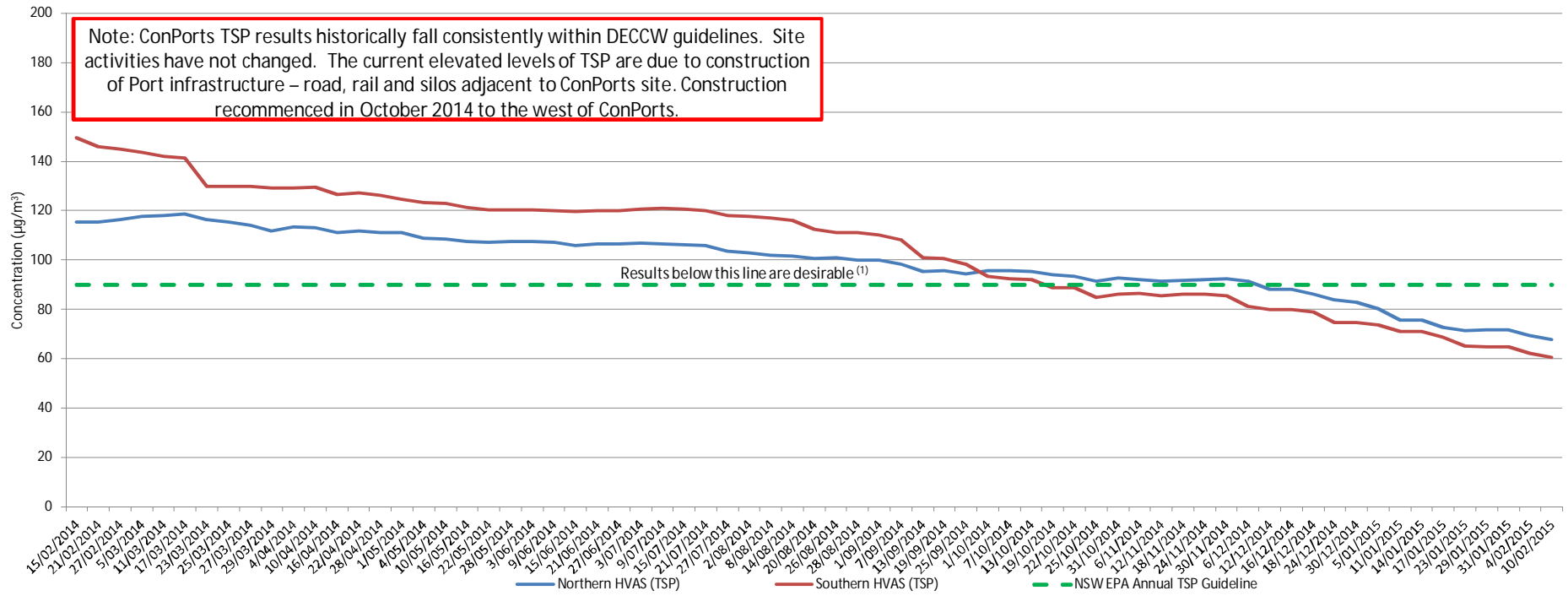
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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



ConPorts Pty - Air Monitoring HVAS Results

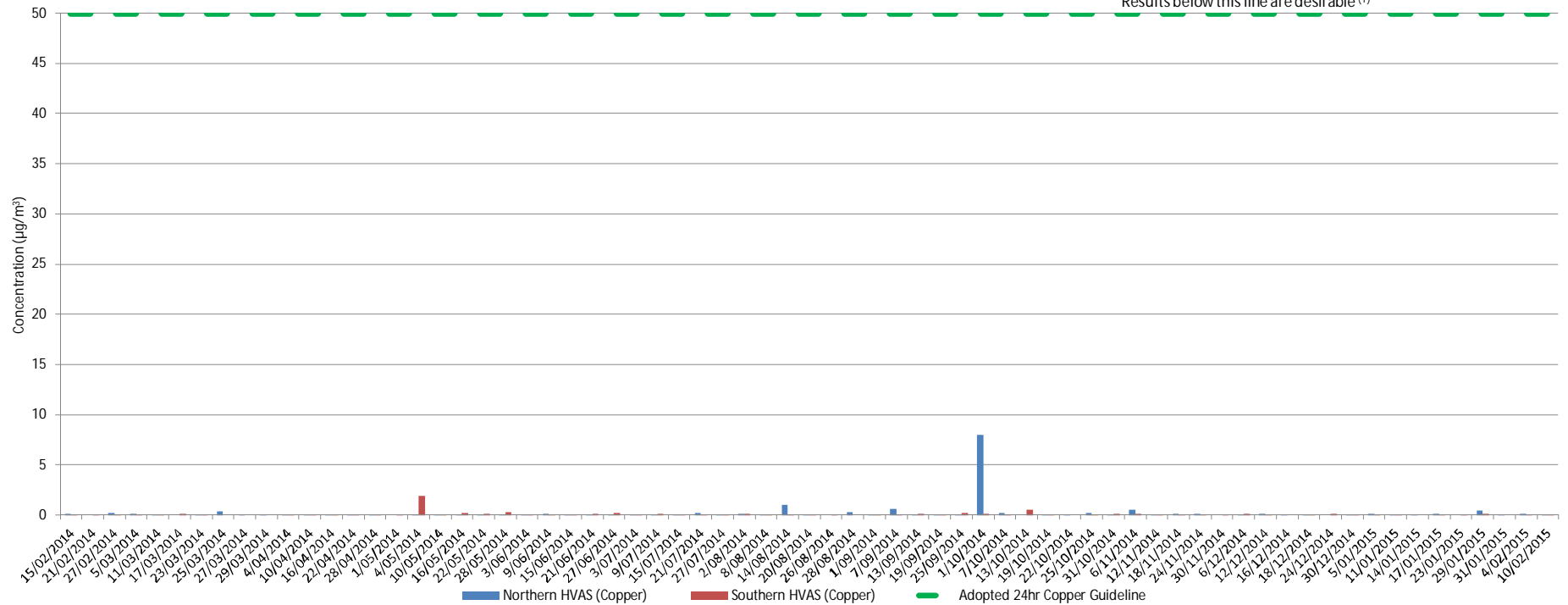
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	

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
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	Catch up sample at South location
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
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10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
29/03/2014	35.3	0.050	<0.007	0.07	DNR	DNR	DNR	DNR	South Sampler did not sample sufficient volume due to power issue.
27/03/2014	31.1	0.007	<0.007	0.03	-	-	-	-	Catch up sample at North location.
25/03/2014	53.1	0.390	0.021	0.31	-	-	-	-	Catch up sample at North location.
23/03/2014	60.1	0.069	0.055	0.58	73.7	0.030	0.009	0.080	

ConPorts Pty Ltd - 24 Hour Copper

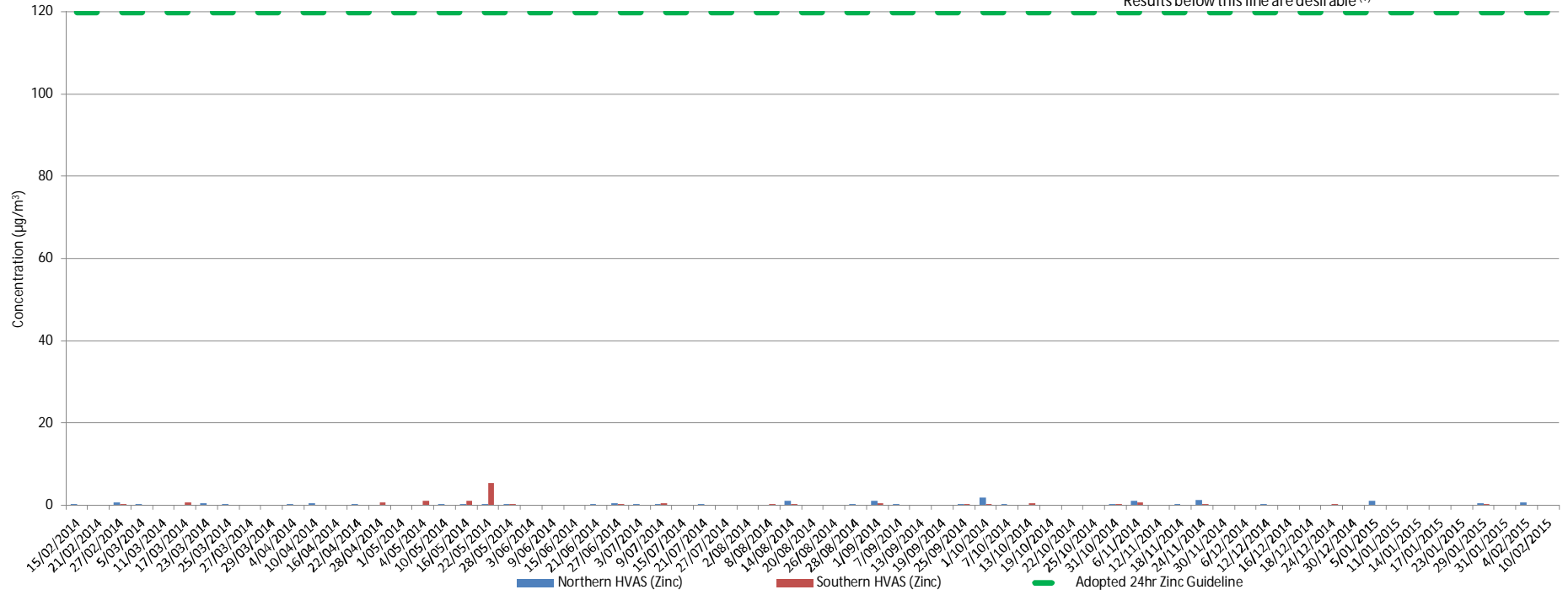
Results below this line are desirable ⁽¹⁾



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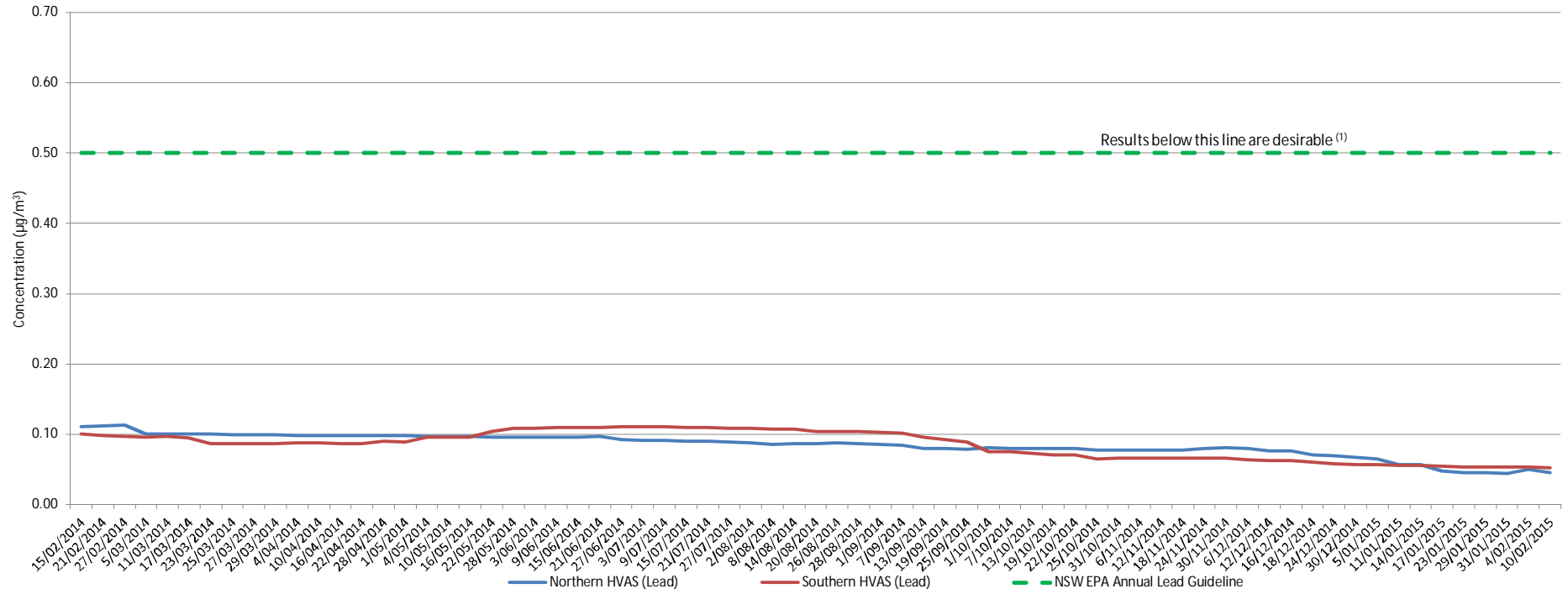
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



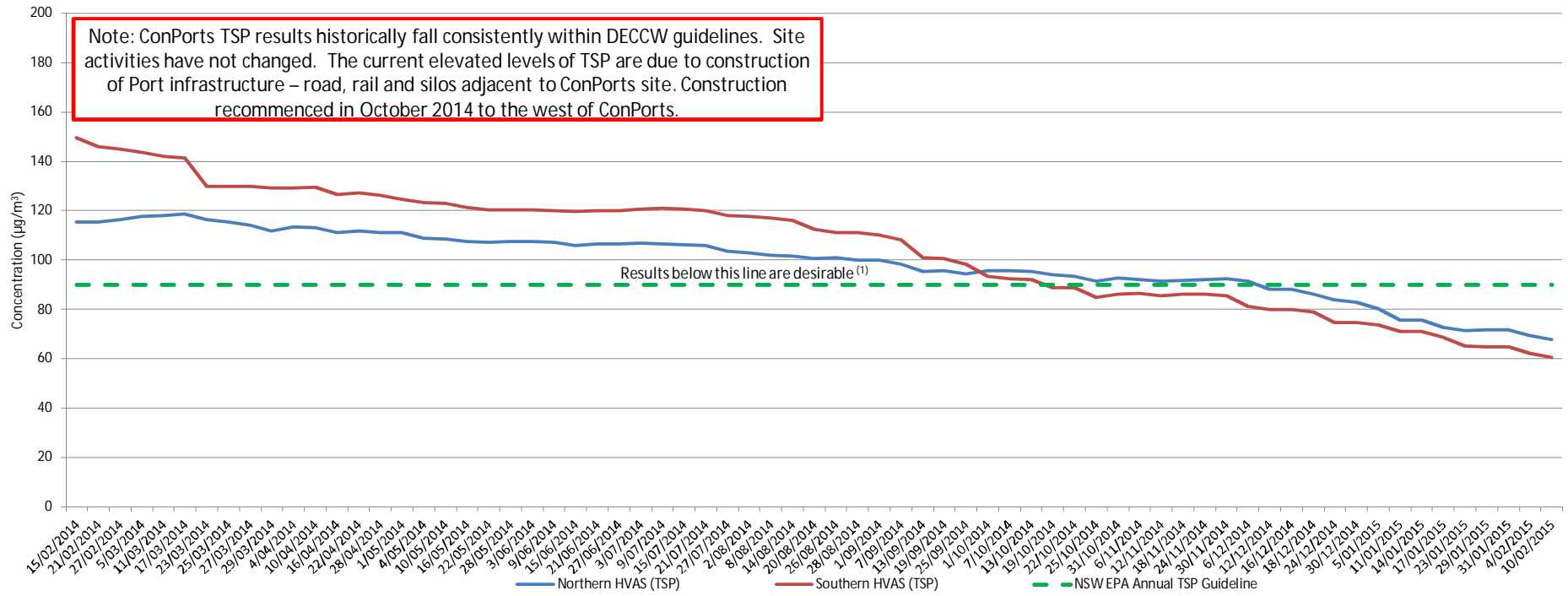
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

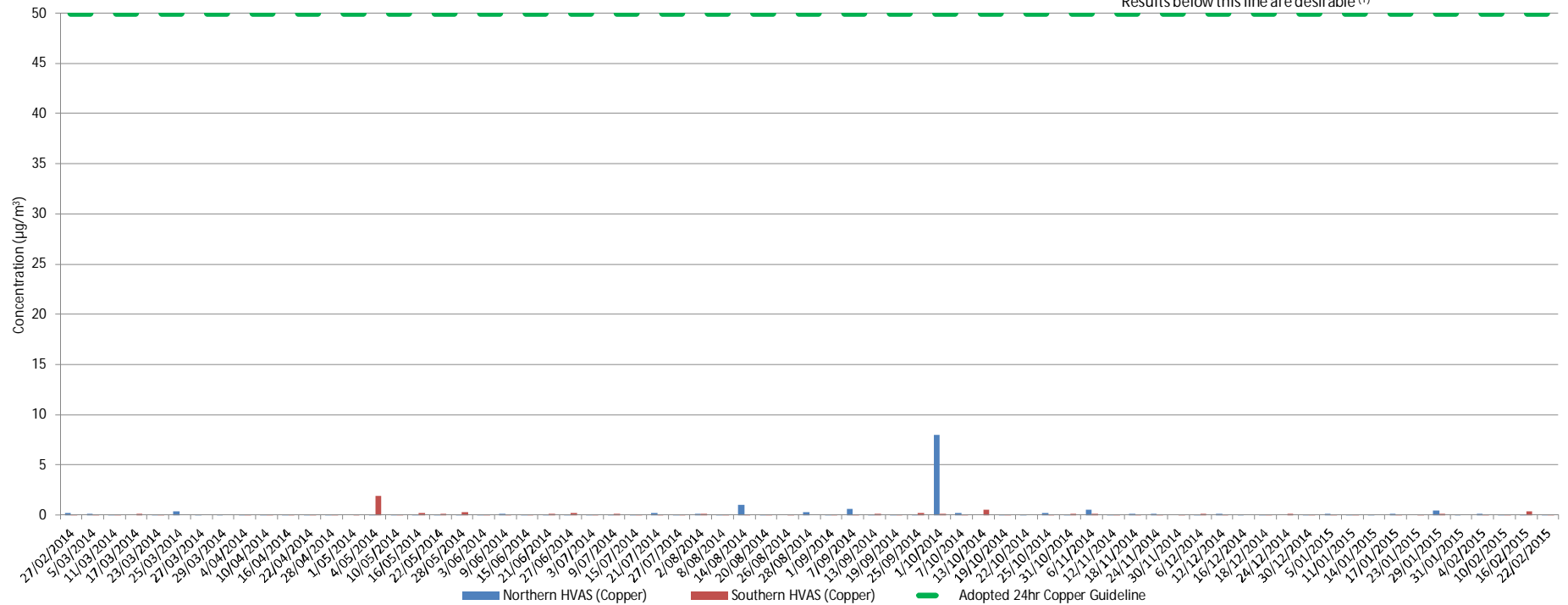
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
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26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	

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
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
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3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	Catch up sample at South location
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
29/03/2014	35.3	0.050	<0.007	0.07	DNR	DNR	DNR	DNR	South Sampler did not sample sufficient volume due to power issue.
27/03/2014	31.1	0.007	<0.007	0.03	-	-	-	-	Catch up sample at North location.
25/03/2014	53.1	0.390	0.021	0.31	-	-	-	-	Catch up sample at North location.

ConPorts Pty Ltd - 24 Hour Copper

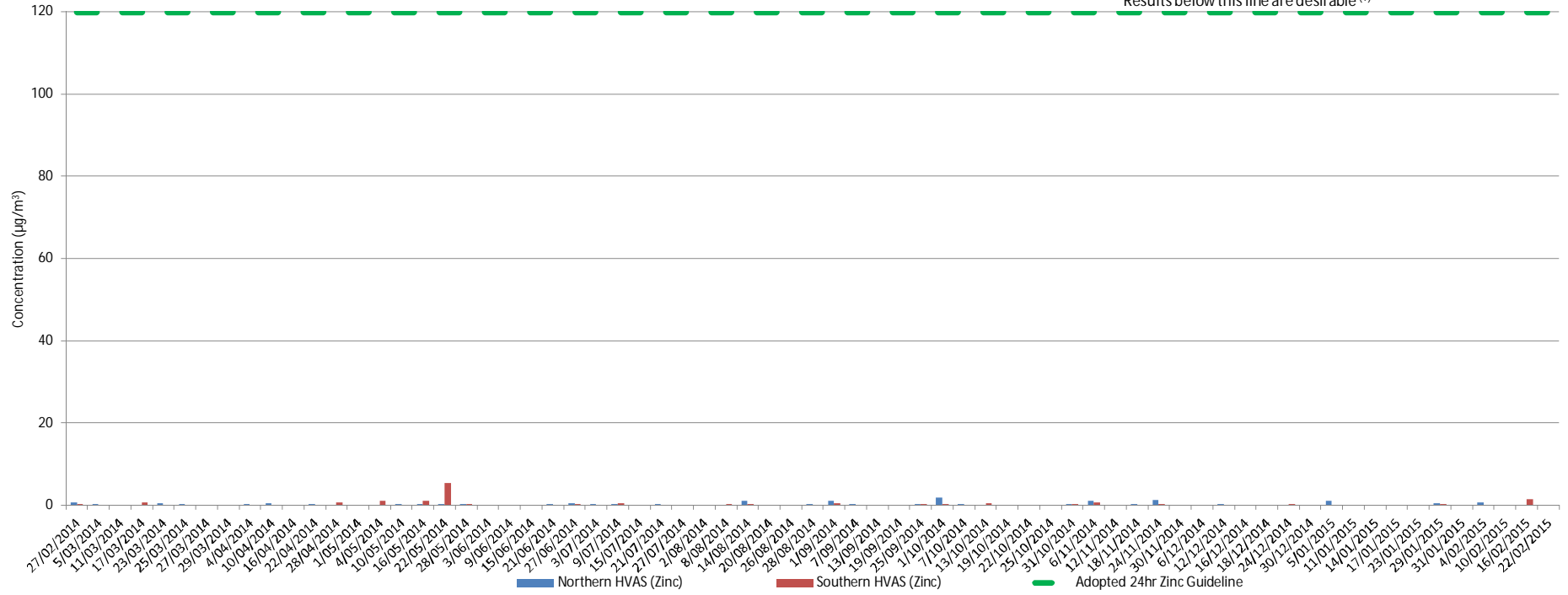
Results below this line are desirable ⁽¹⁾



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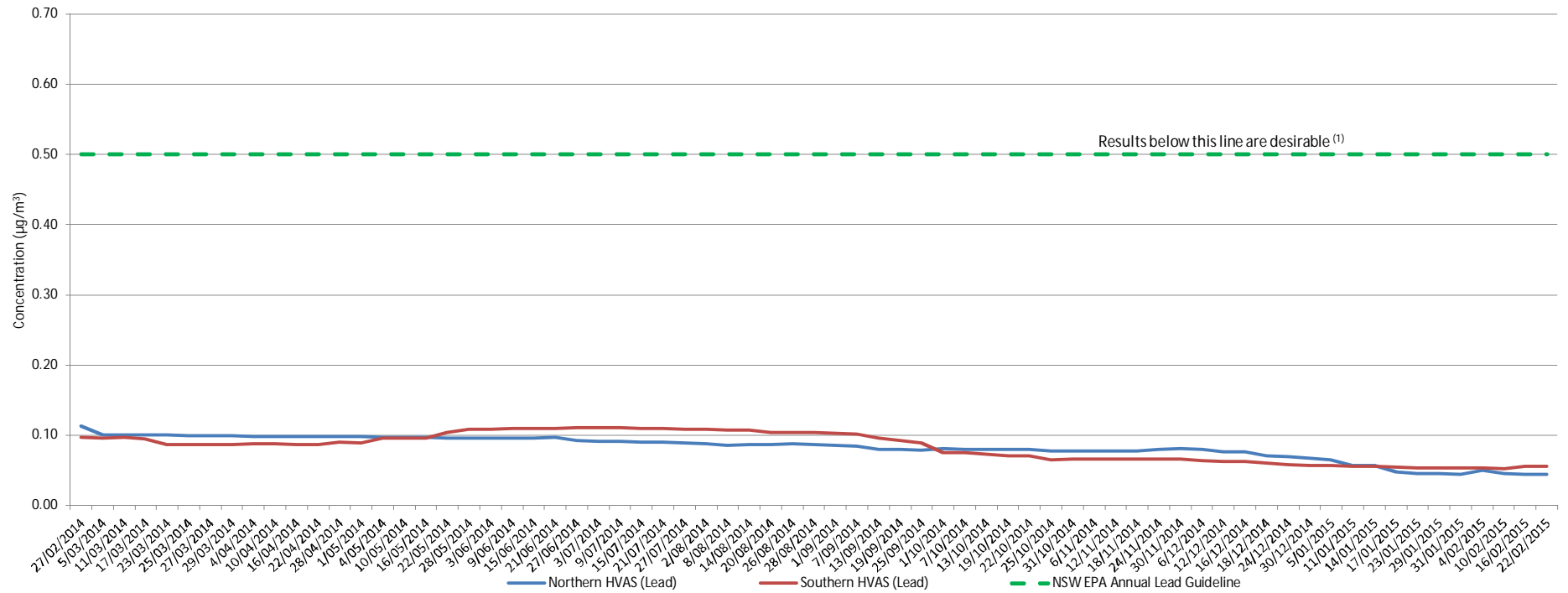
ConPorts Pty Ltd - 24 Hour Zinc

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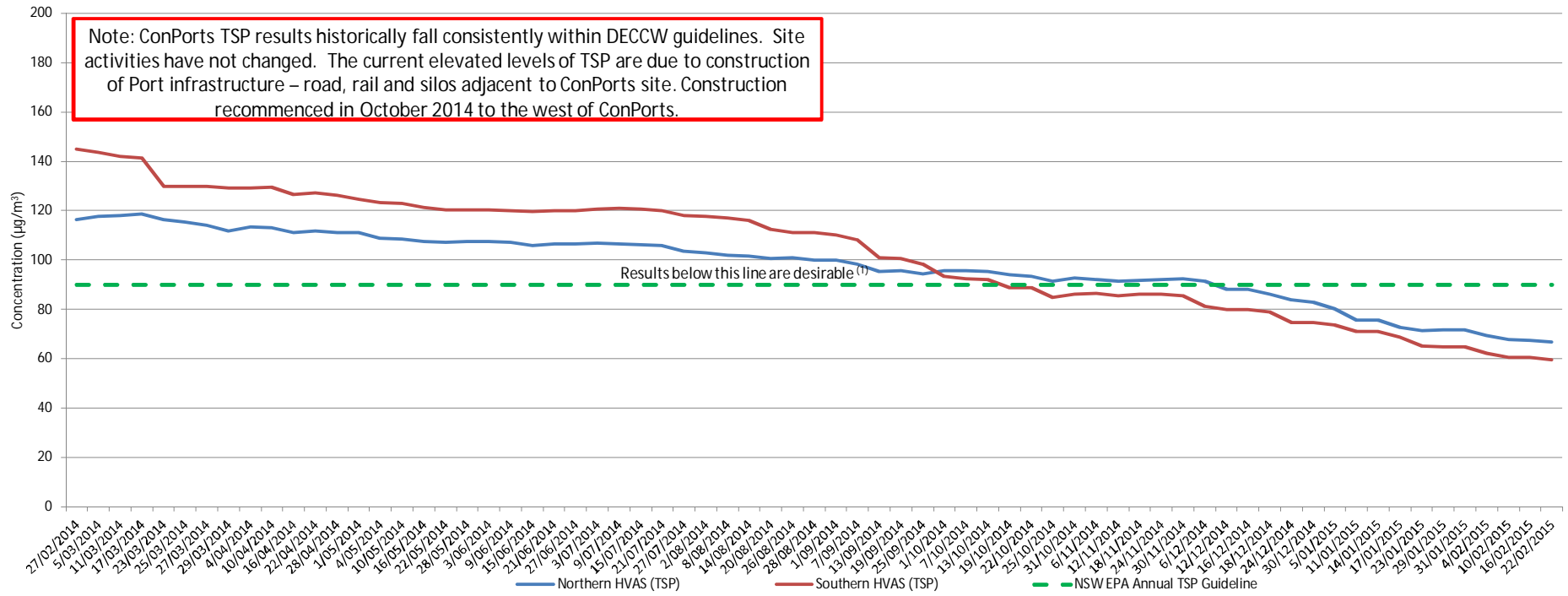
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

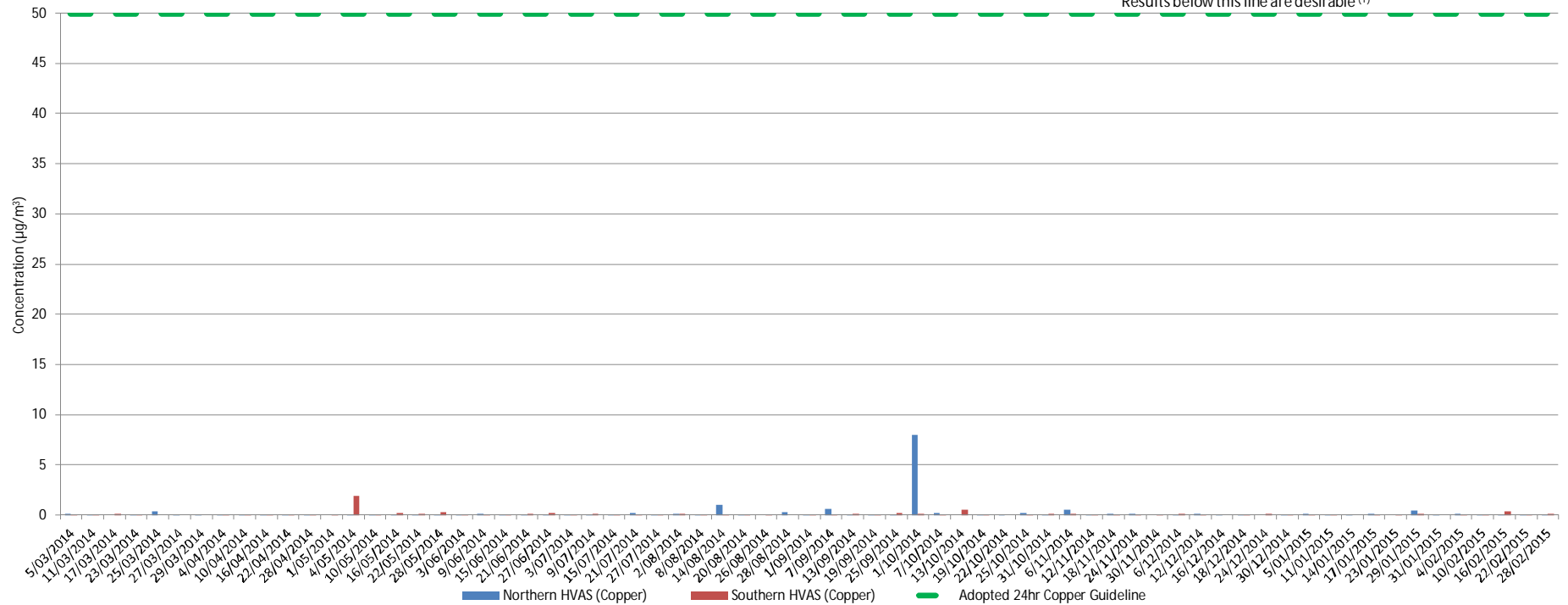
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	

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
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	Catch up sample at South location
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
29/03/2014	35.3	0.050	<0.007	0.07	DNR	DNR	DNR	DNR	South Sampler did not sample sufficient volume due to power issue.
27/03/2014	31.1	0.007	<0.007	0.03	-	-	-	-	Catch up sample at North location.

ConPorts Pty Ltd - 24 Hour Copper

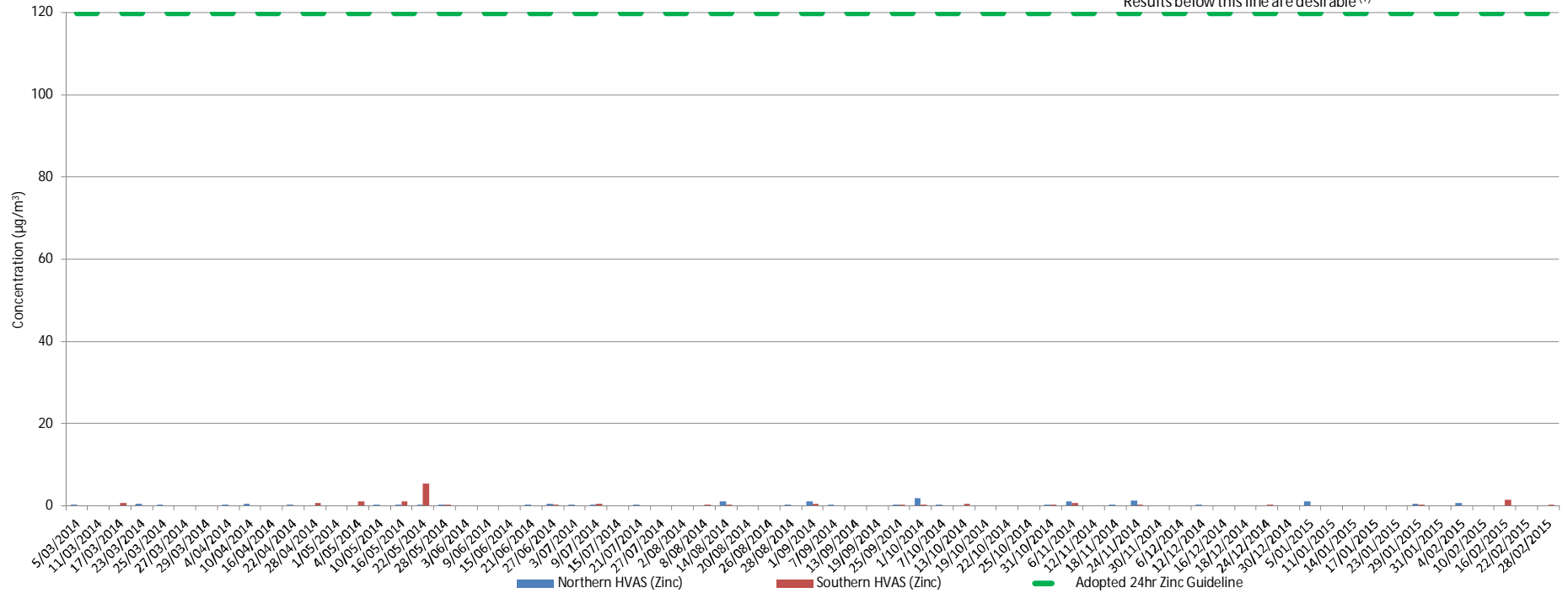
Results below this line are desirable ⁽¹⁾



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

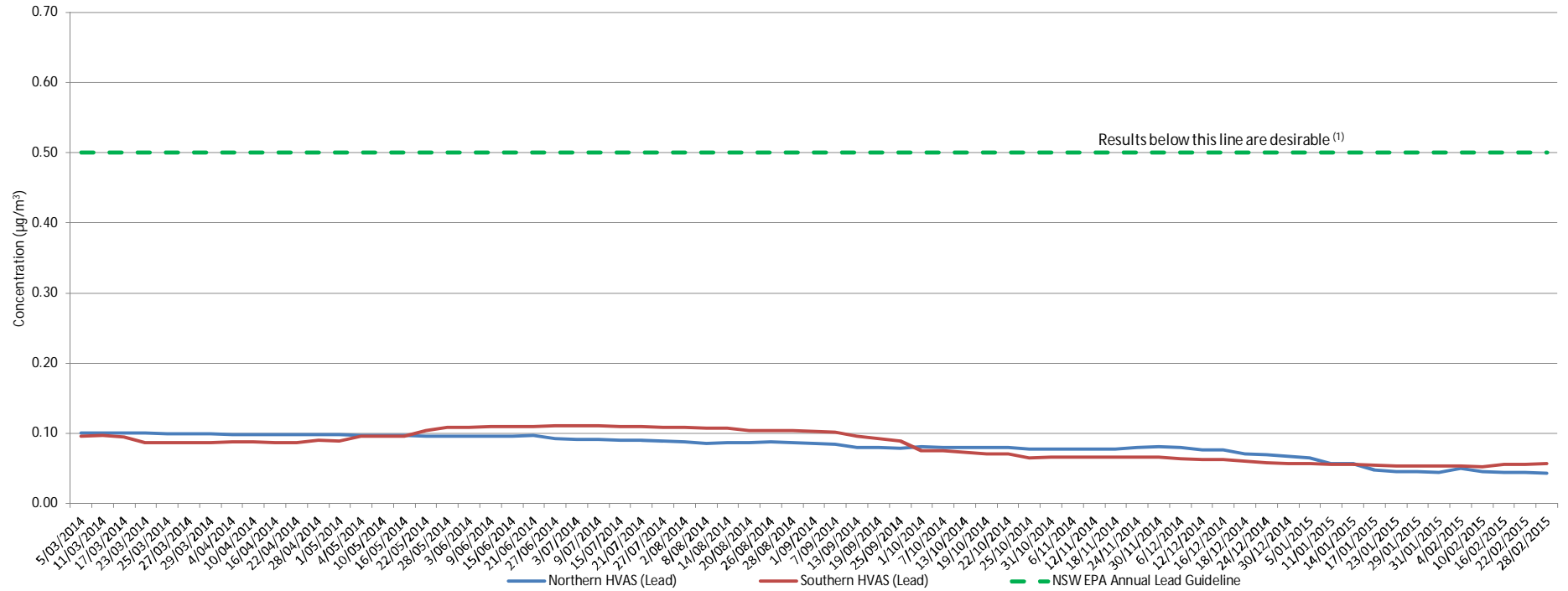
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



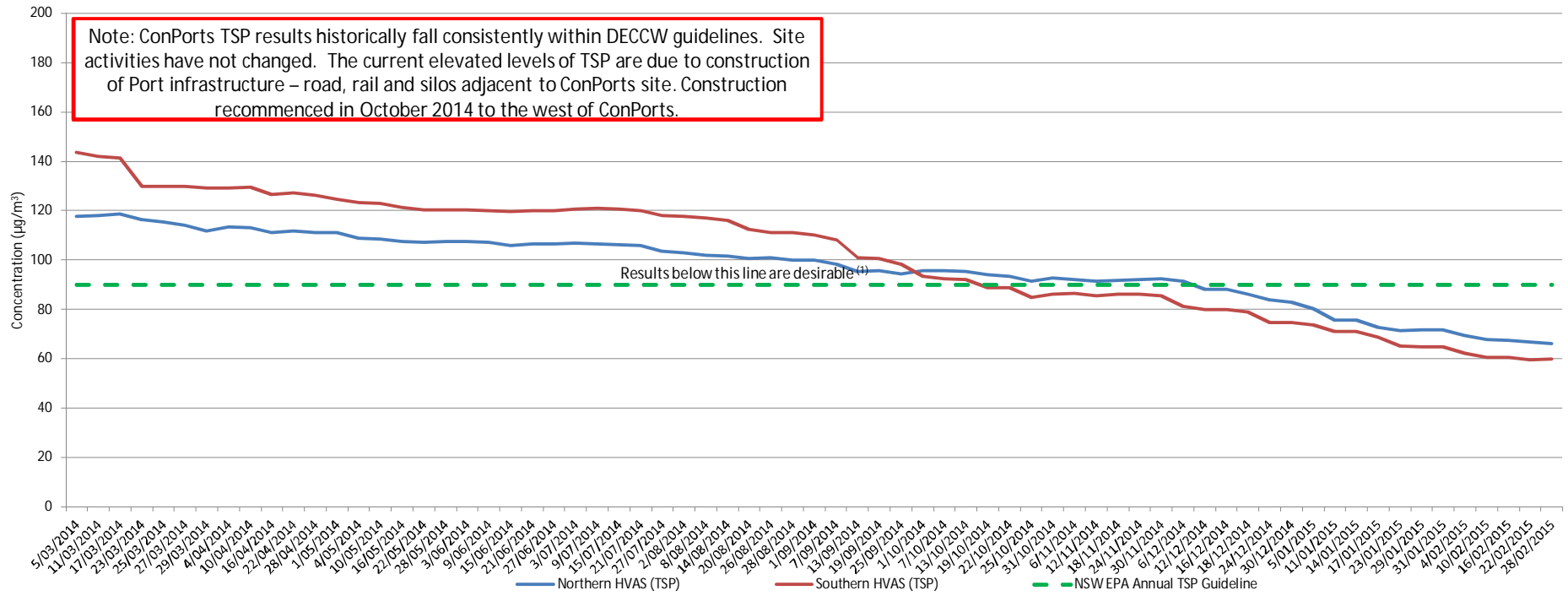
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

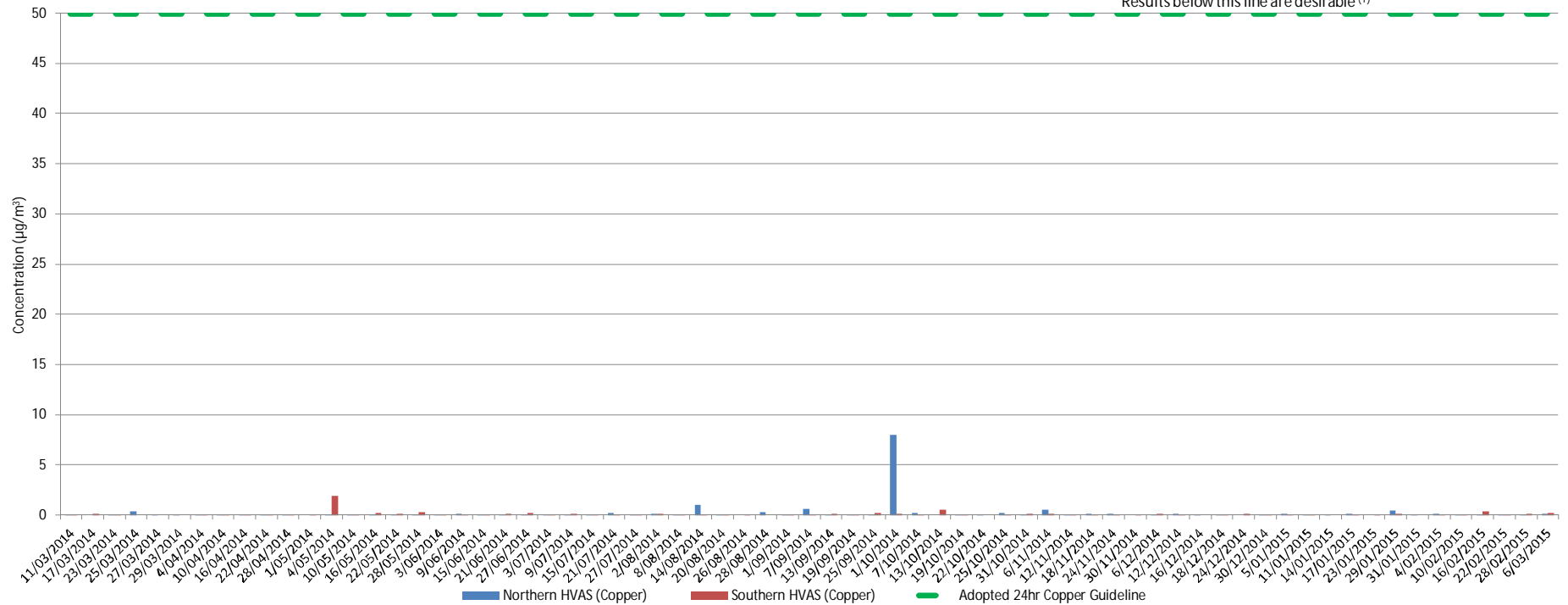
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	

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
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	Catch up sample at South location
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	
29/03/2014	35.3	0.050	<0.007	0.07	DNR	DNR	DNR	DNR	South Sampler did not sample sufficient volume due to power issue.

ConPorts Pty Ltd - 24 Hour Copper

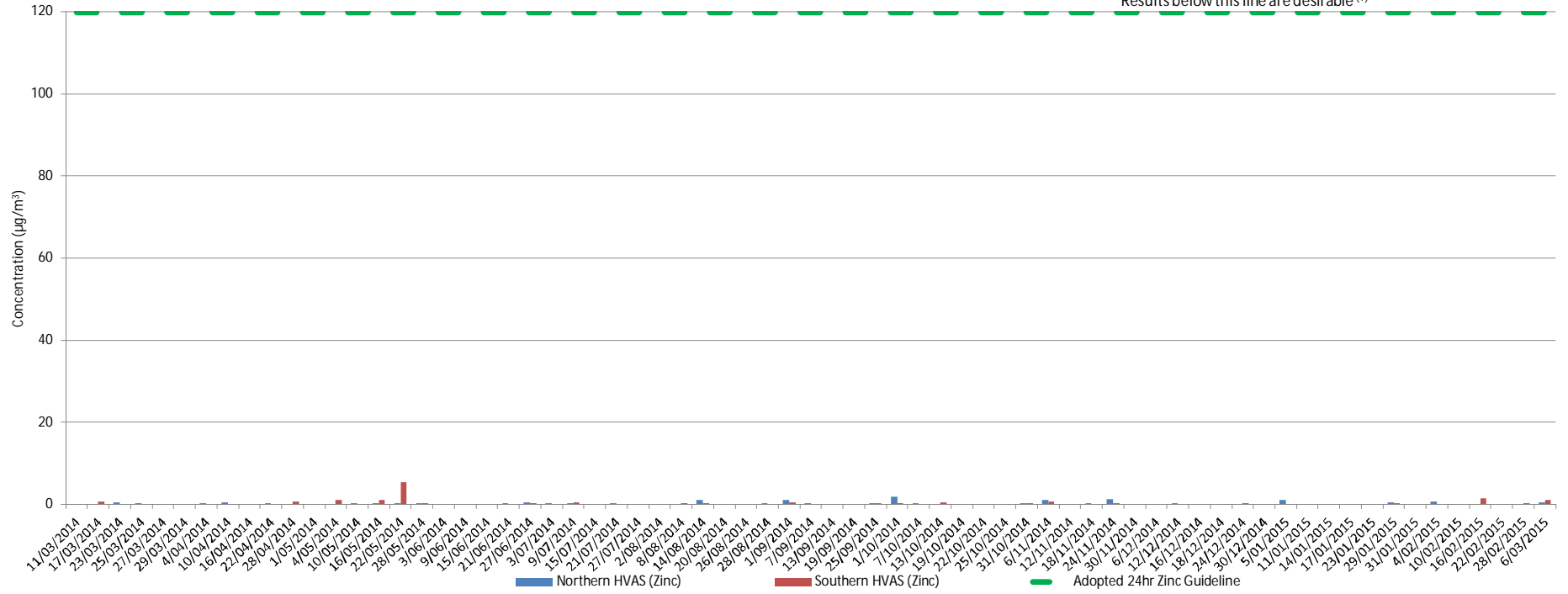
Results below this line are desirable ⁽¹⁾



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

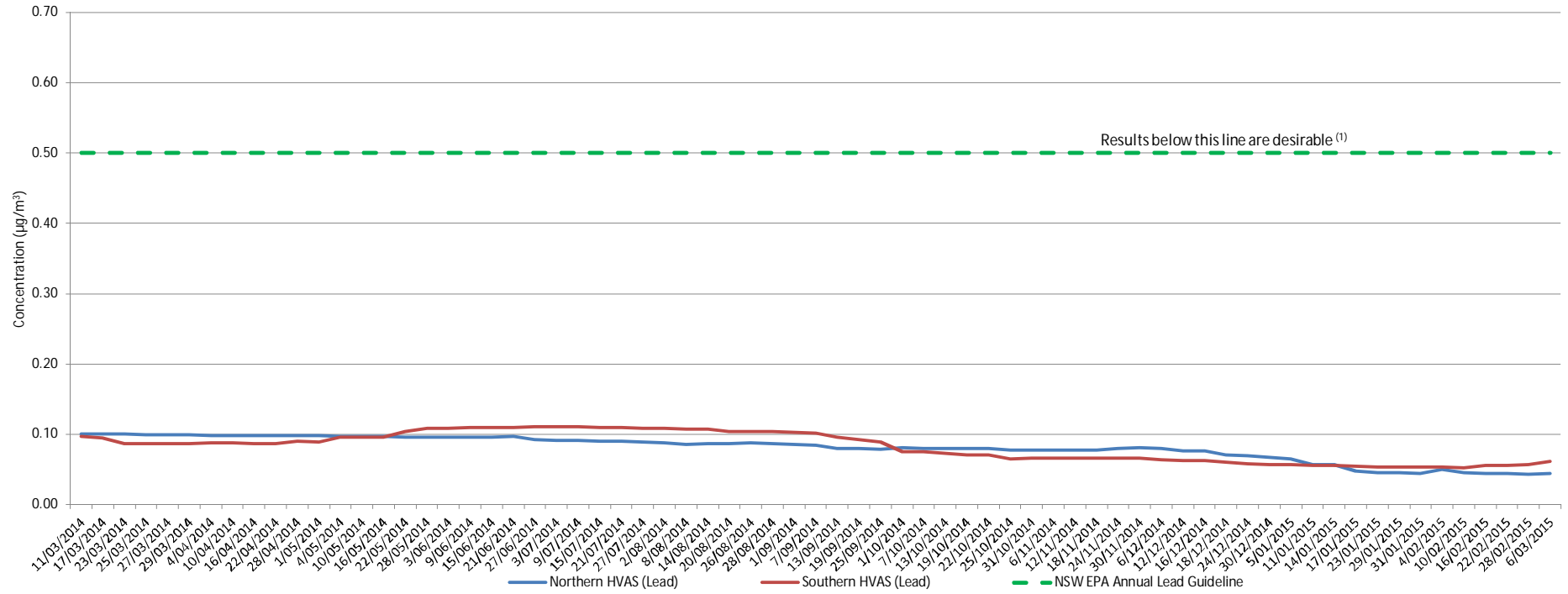
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



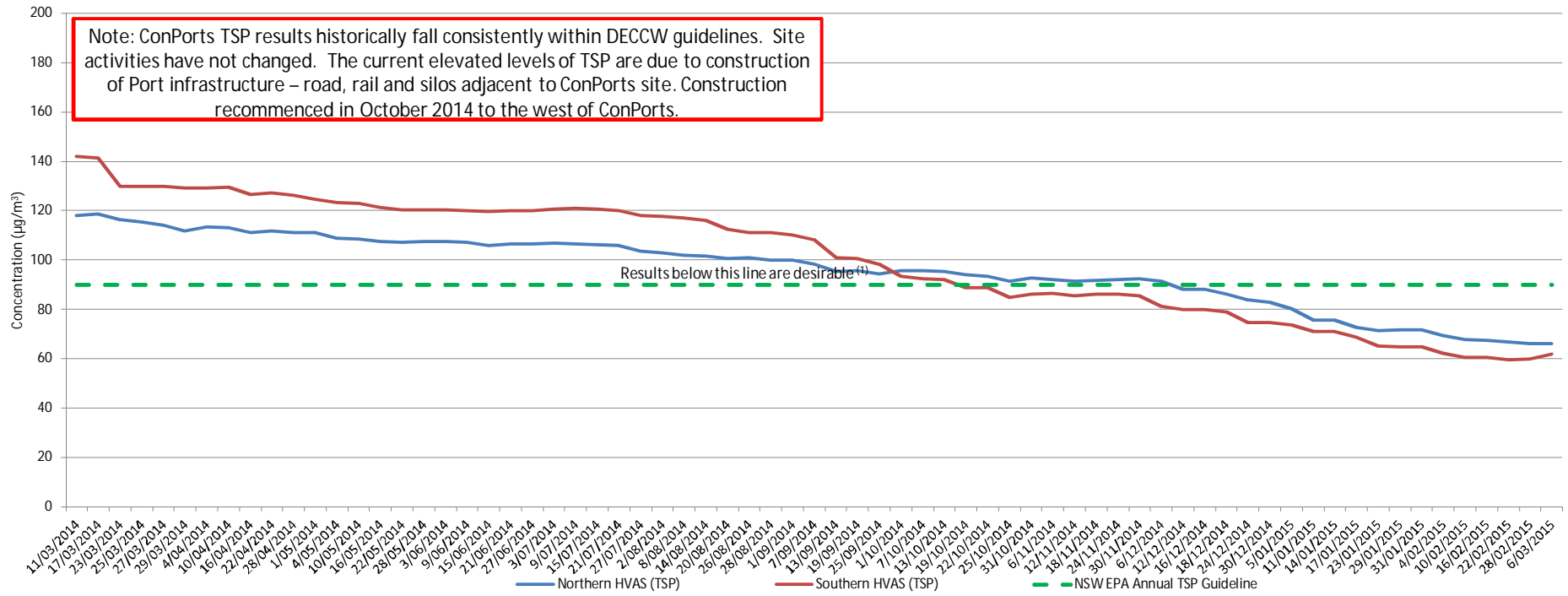
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.

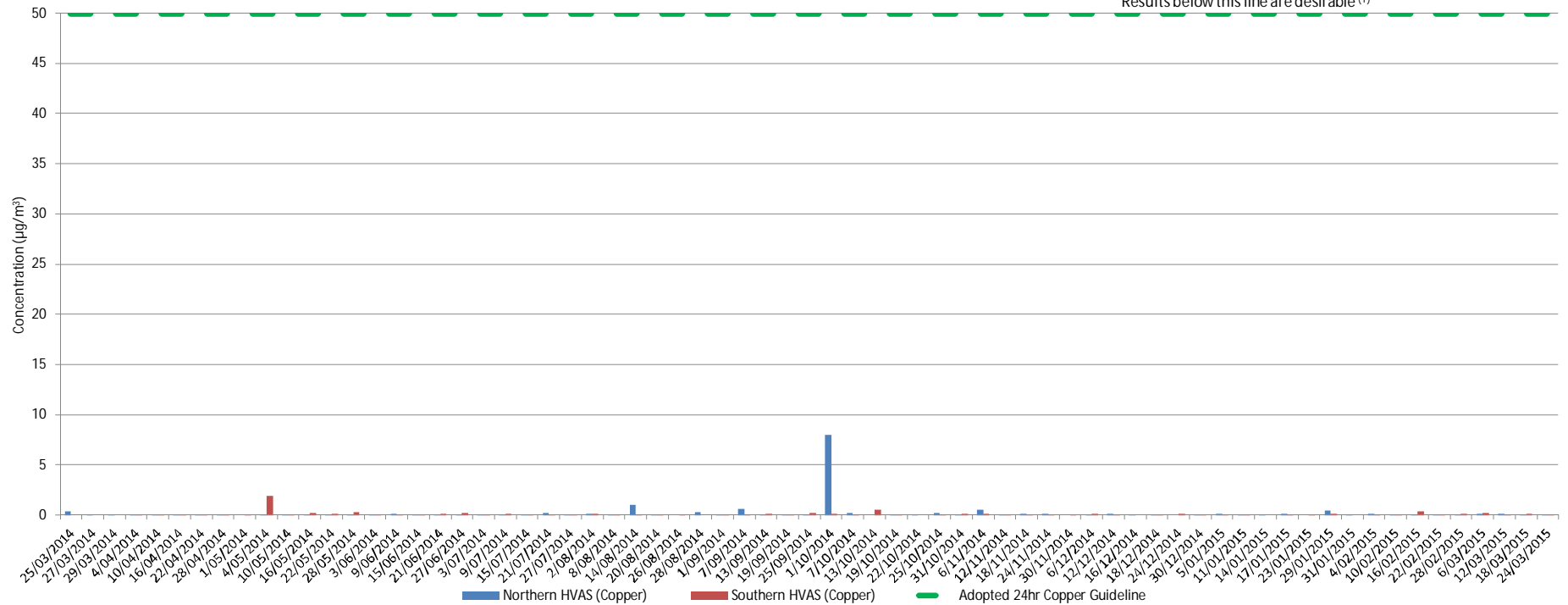
ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

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
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.031	0.024	0.089
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	
16/04/2014	42.0	0.016	<0.007	0.09	39.3	0.007	<0.007	0.048	
10/04/2014	76.2	0.034	0.044	0.53	63.4	0.049	0.008	0.082	
4/04/2014	178.0	0.087	0.022	0.35	55.6	0.012	<0.007	0.059	

Catch up sample at South location

ConPorts Pty Ltd - 24 Hour Copper

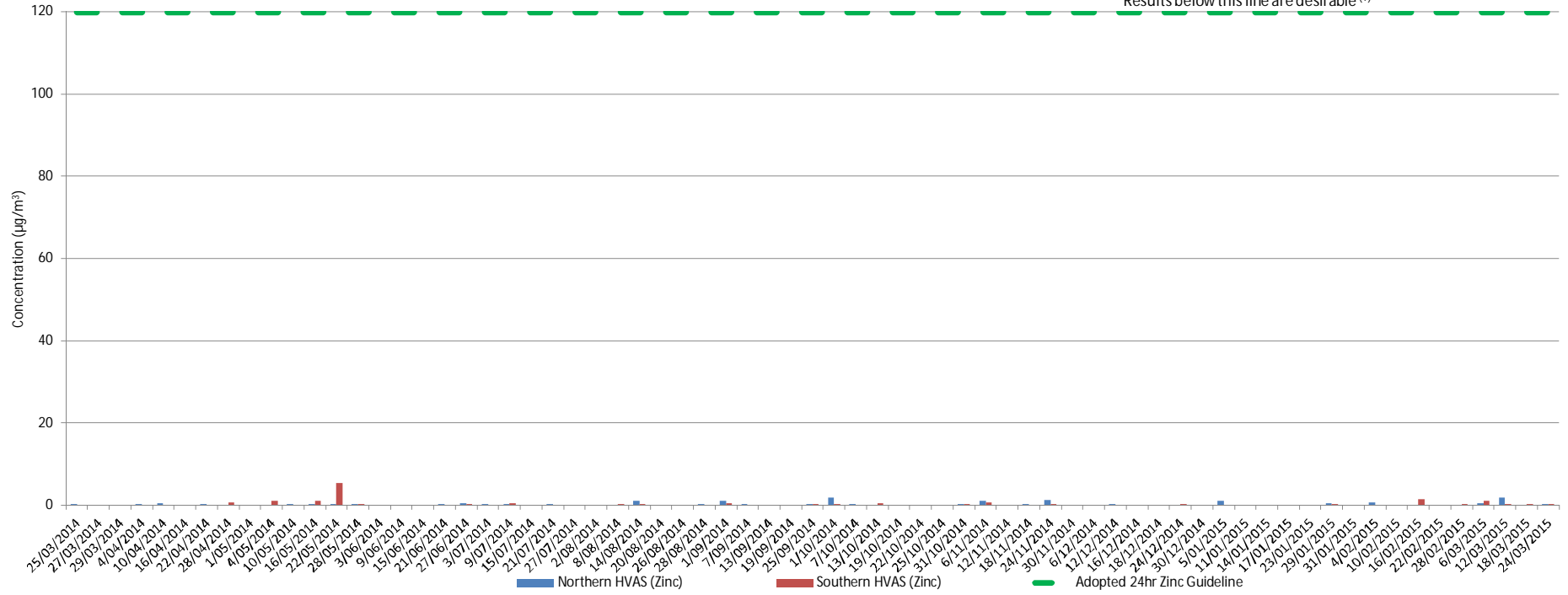
Results below this line are desirable ⁽¹⁾



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

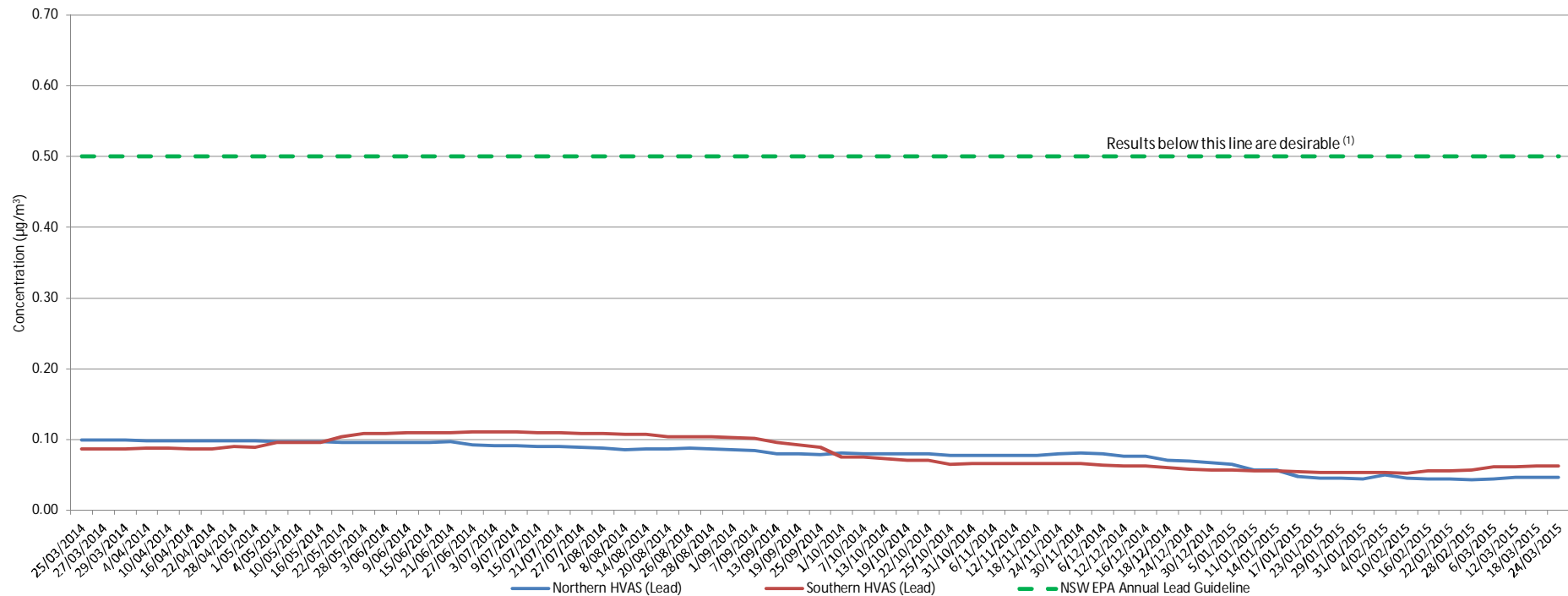
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



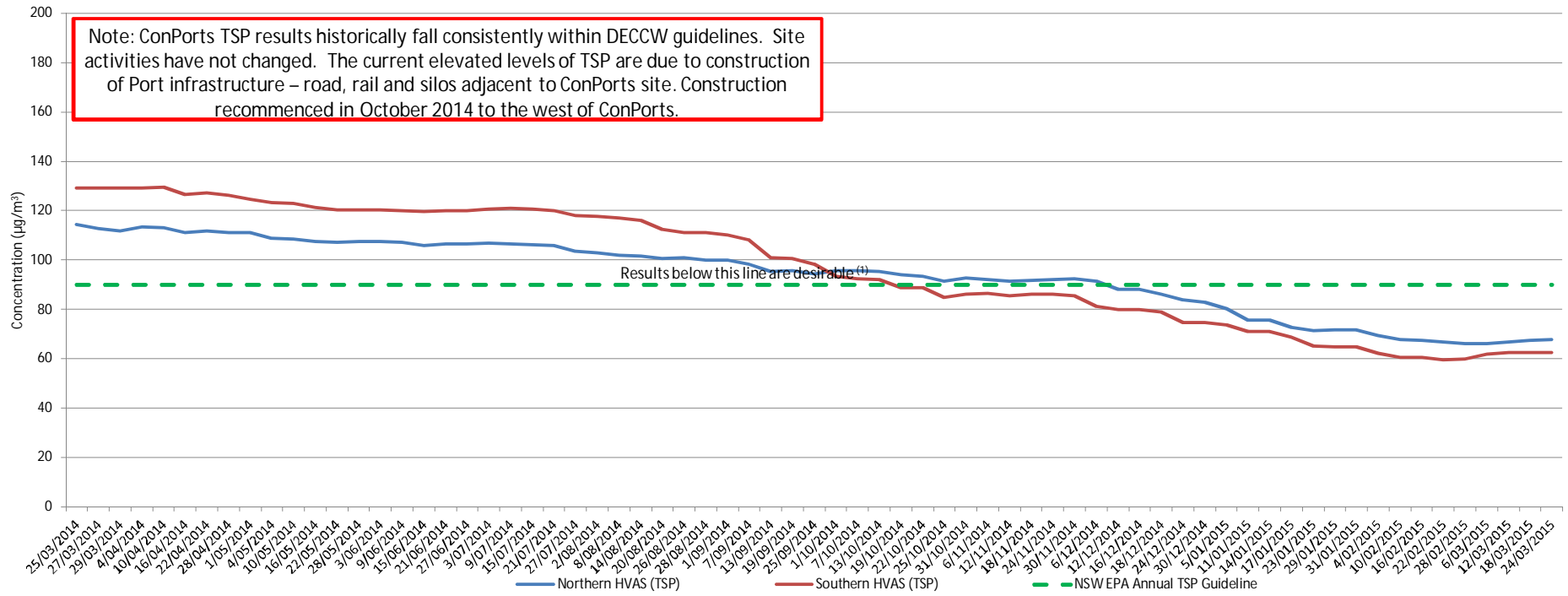
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	

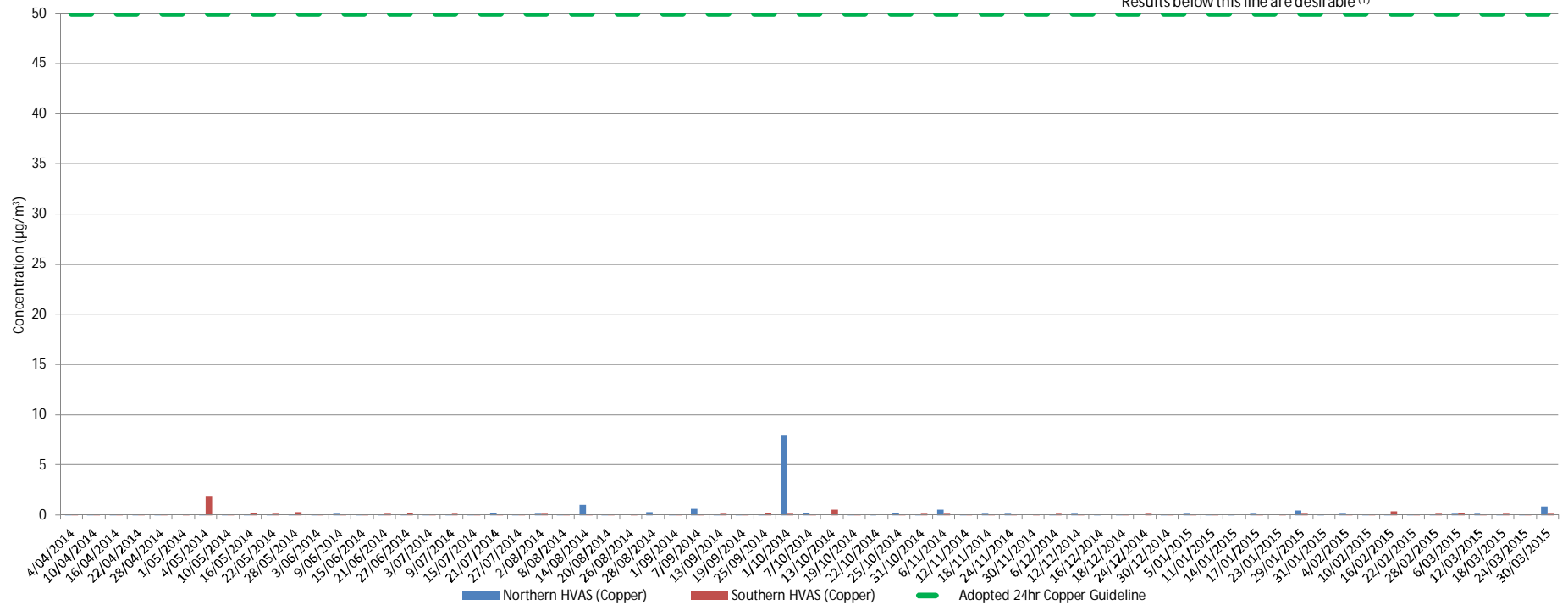
ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

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
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	
22/04/2014	88.3	0.035	0.025	0.25	65.6	0.067	0.027	0.169	

Catch up sample at South location

ConPorts Pty Ltd - 24 Hour Copper

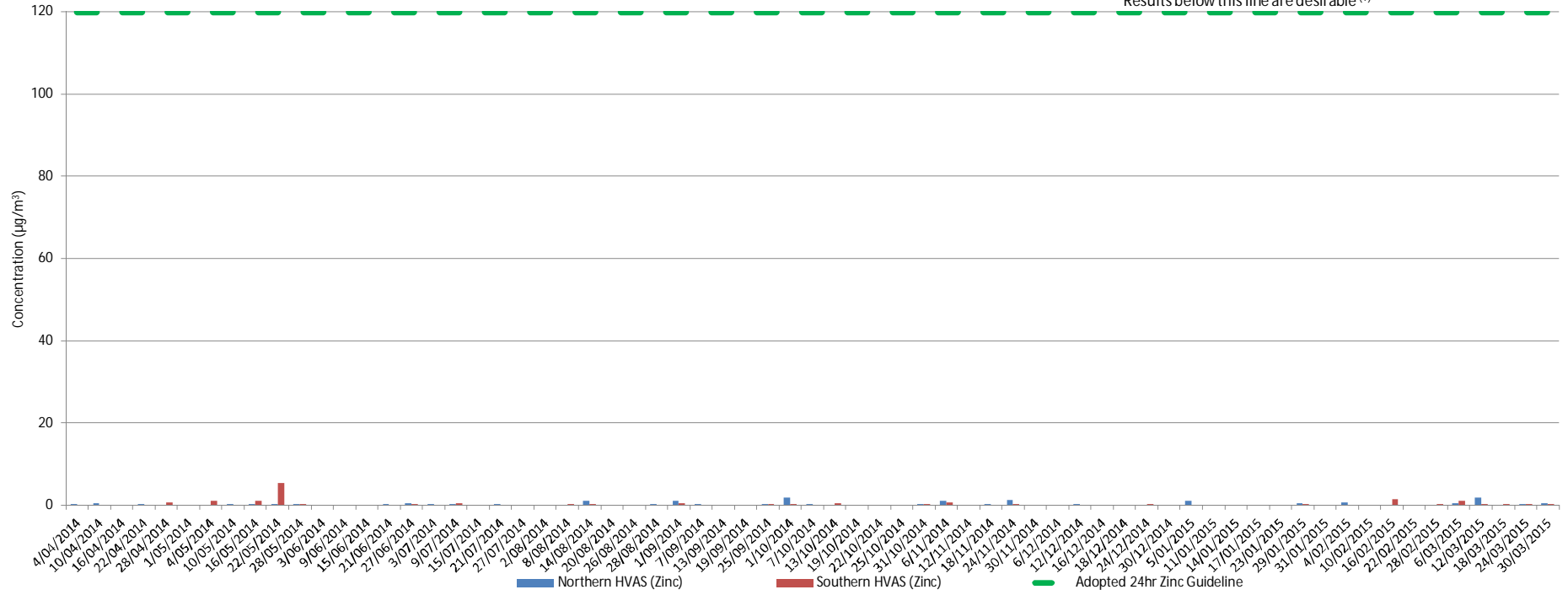
Results below this line are desirable ⁽¹⁾



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

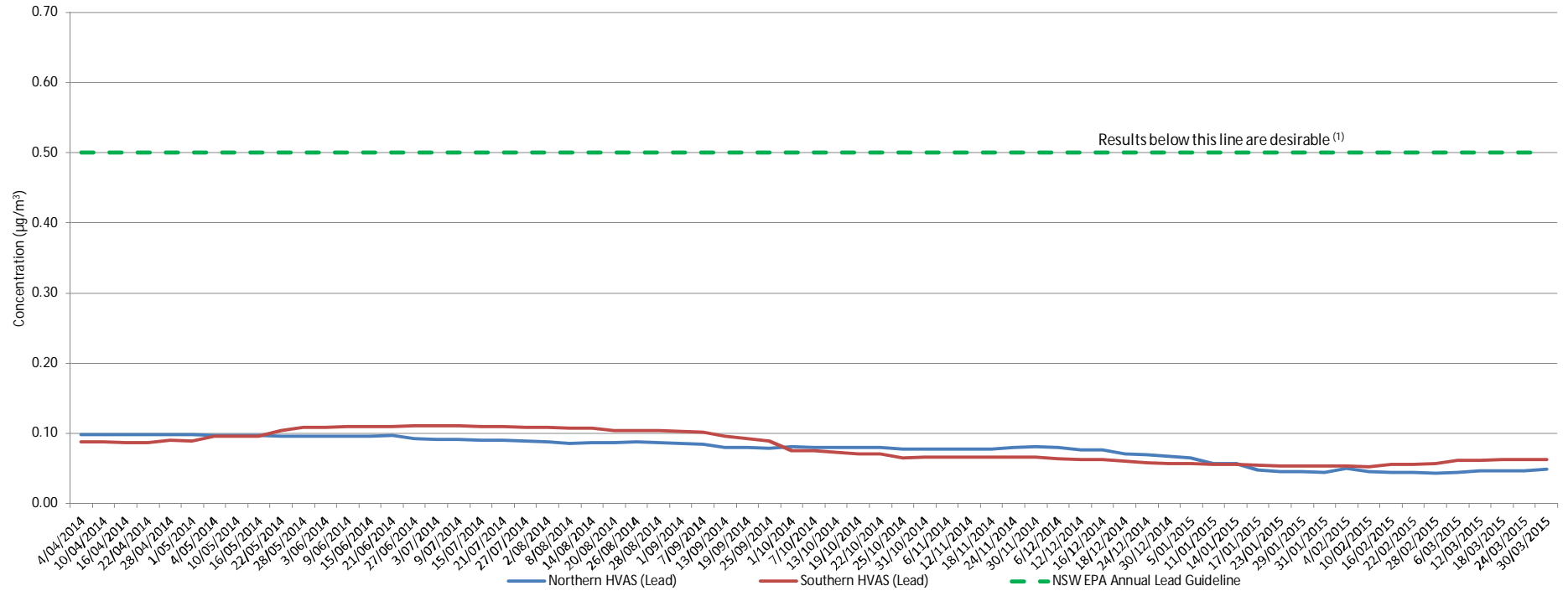
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



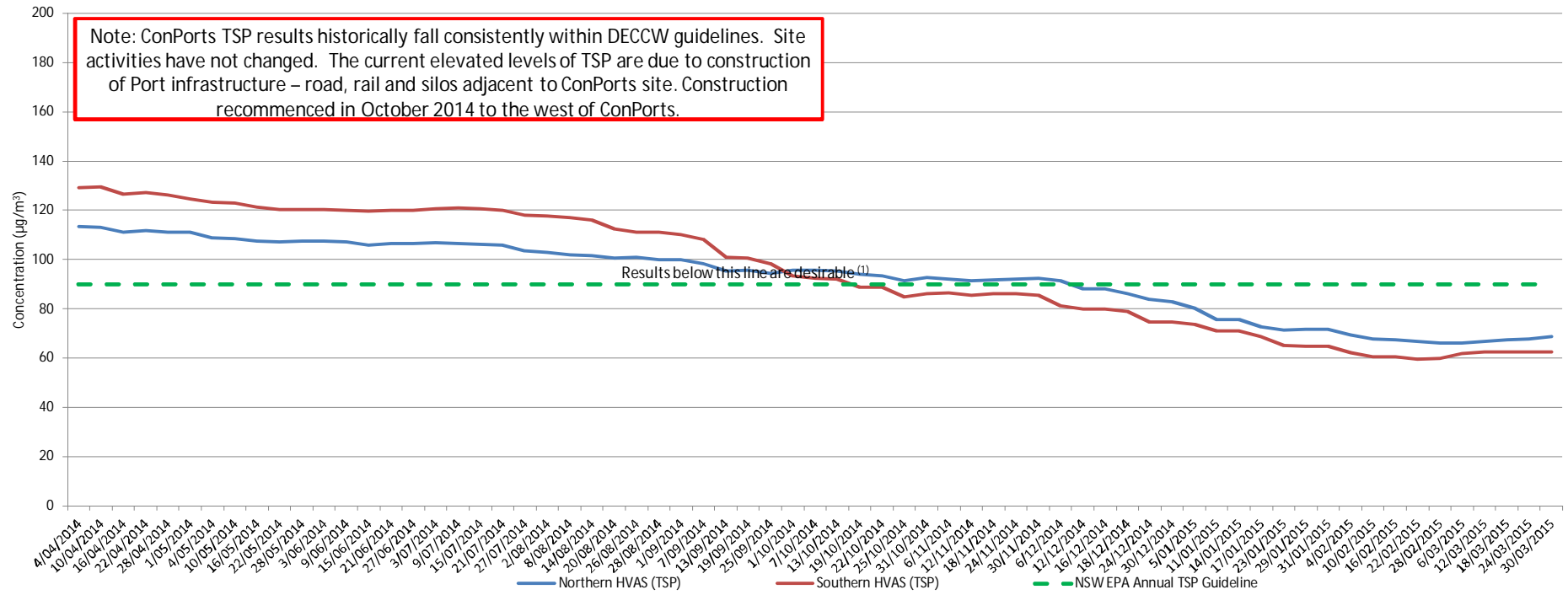
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

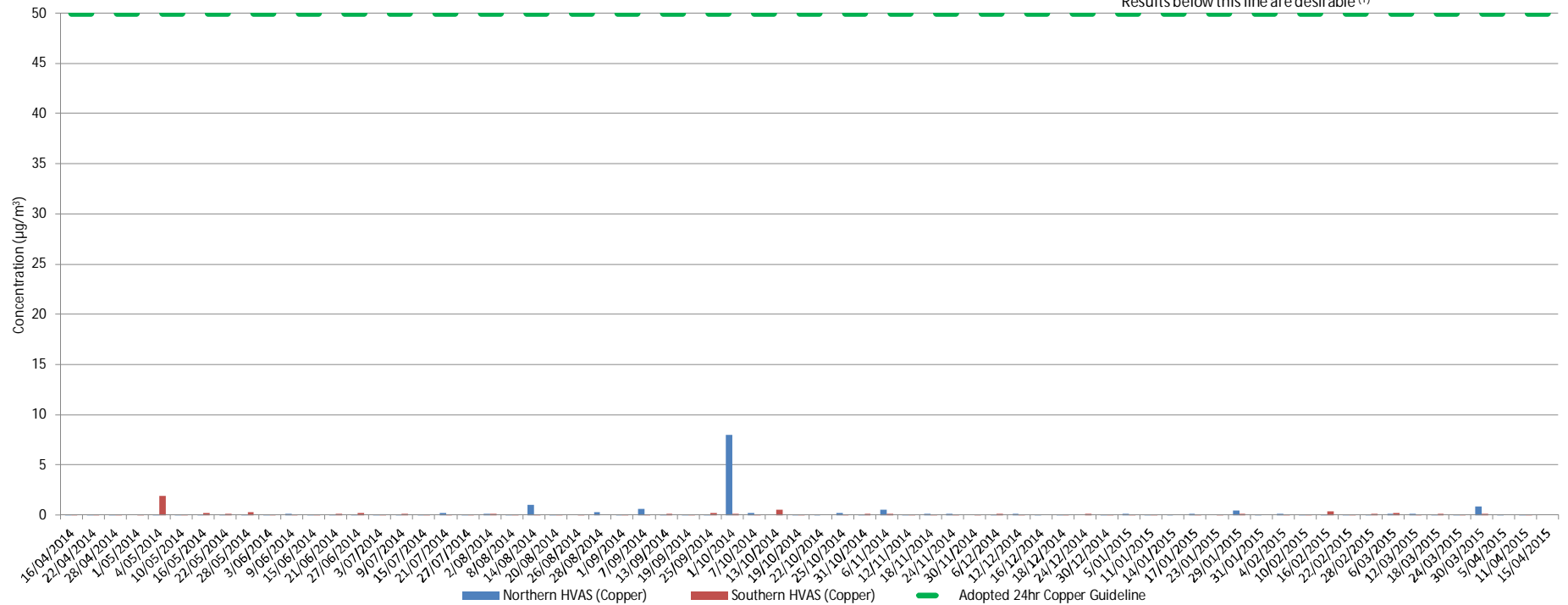
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	

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
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	
4/05/2014	22.6	0.026	0.010	0.08	34.0	1.950	0.425	1.060	
1/05/2014	-	-	-	-	42.2	0.014	0.014	0.073	
28/04/2014	41.2	0.042	0.034	0.17	37.1	0.084	0.261	0.784	Catch up sample at South location

ConPorts Pty Ltd - 24 Hour Copper

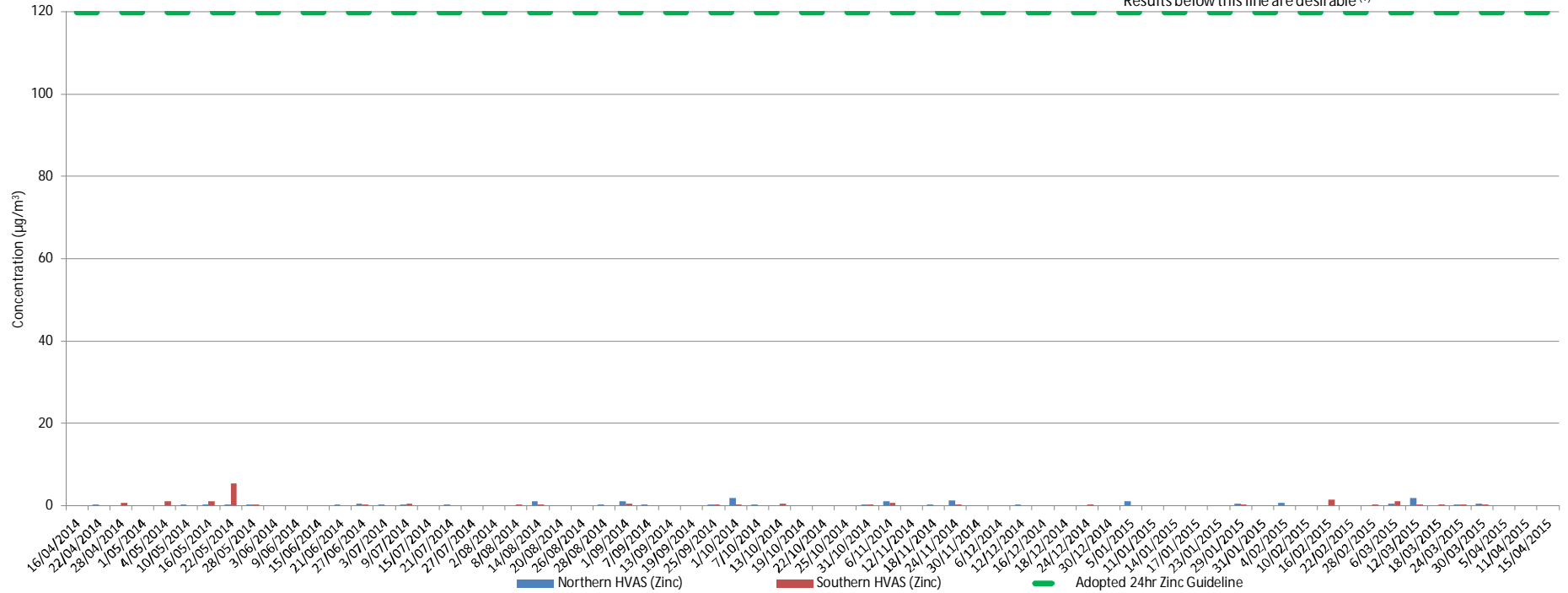
Results below this line are desirable ⁽¹⁾



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

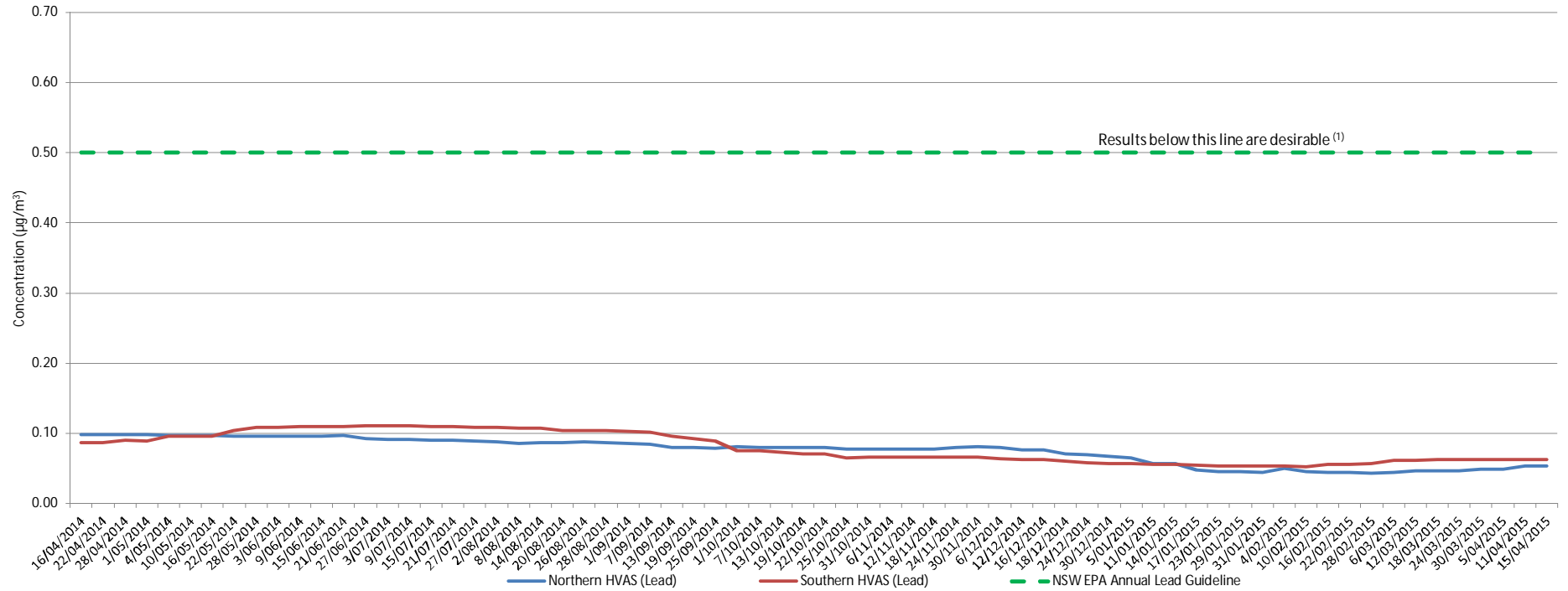
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



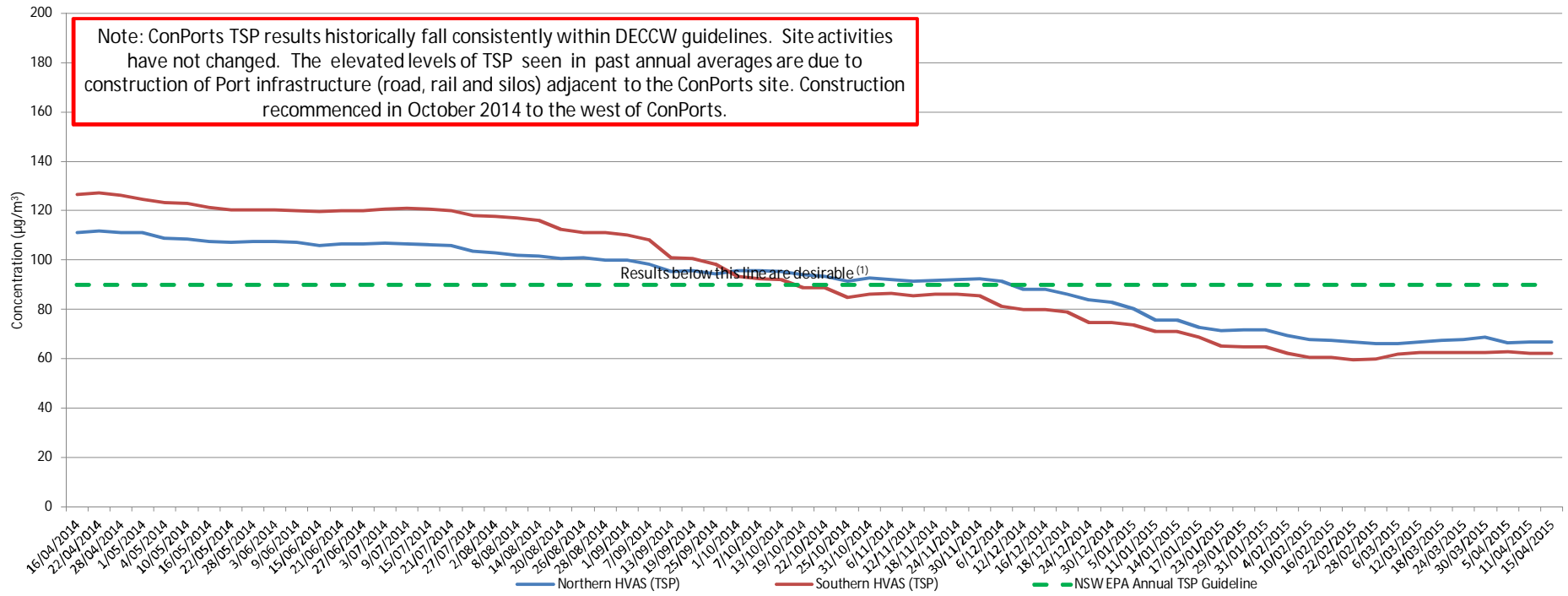
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note 1 below.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	

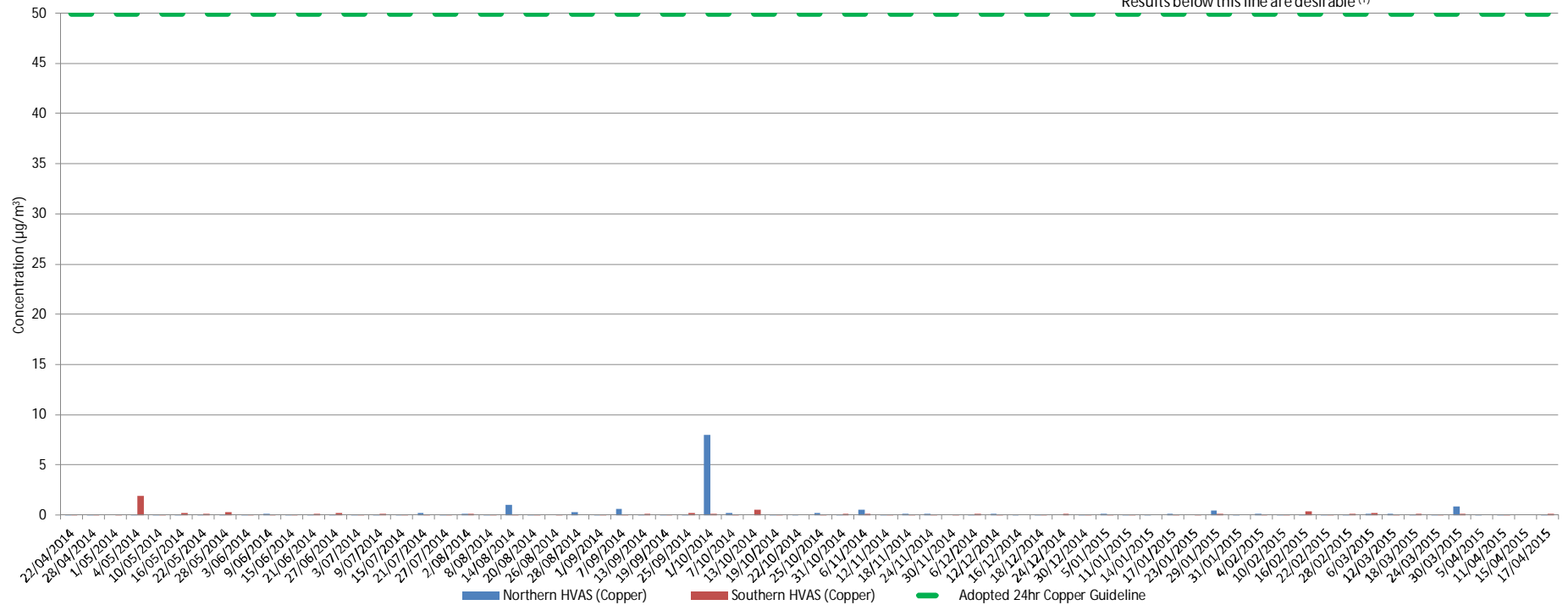
ConPorts Pty - Air Monitoring HVAS Results (continued from previous page)

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
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	Catch up sample at North location. North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	
10/05/2014	49.0	0.079	0.040	0.39	45.9	0.055	0.050	0.164	

Note 1: Results from the South HVAS for 15 April 2015 not included in annual average due to unaccounted variability in laboratory test results.

ConPorts Pty Ltd - 24 Hour Copper

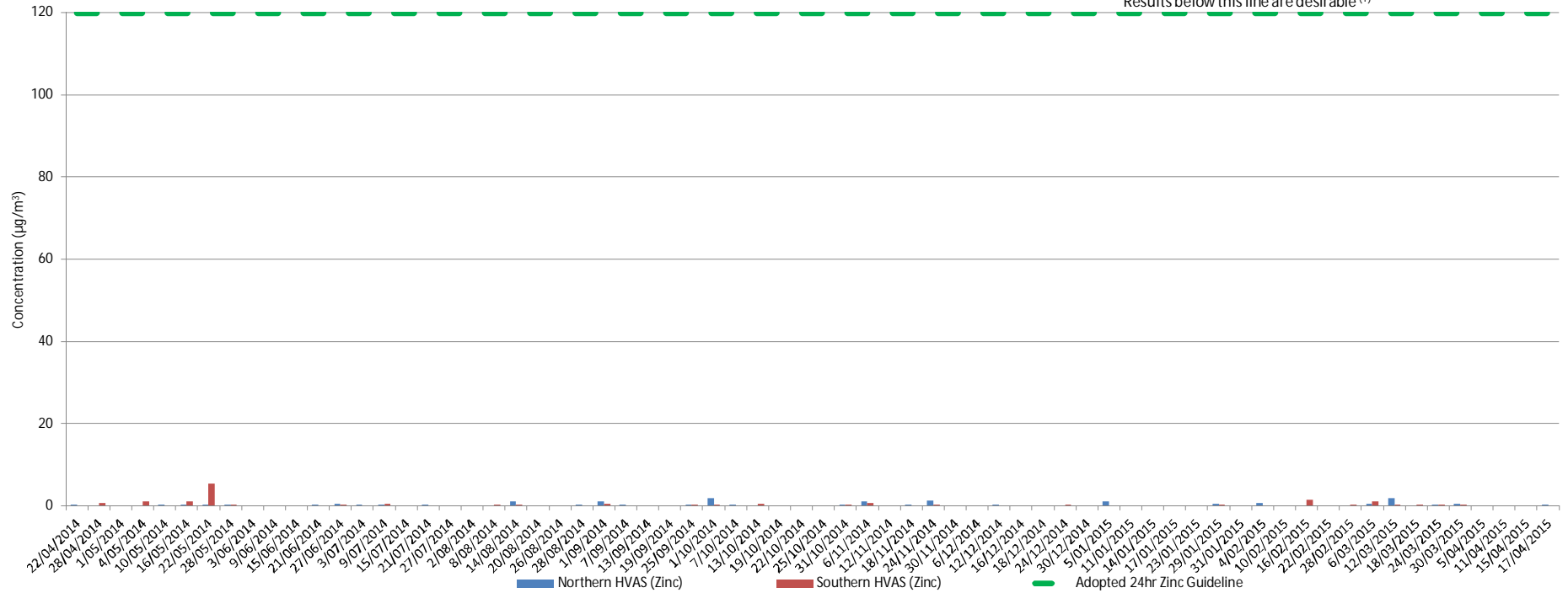
Results below this line are desirable ⁽¹⁾



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

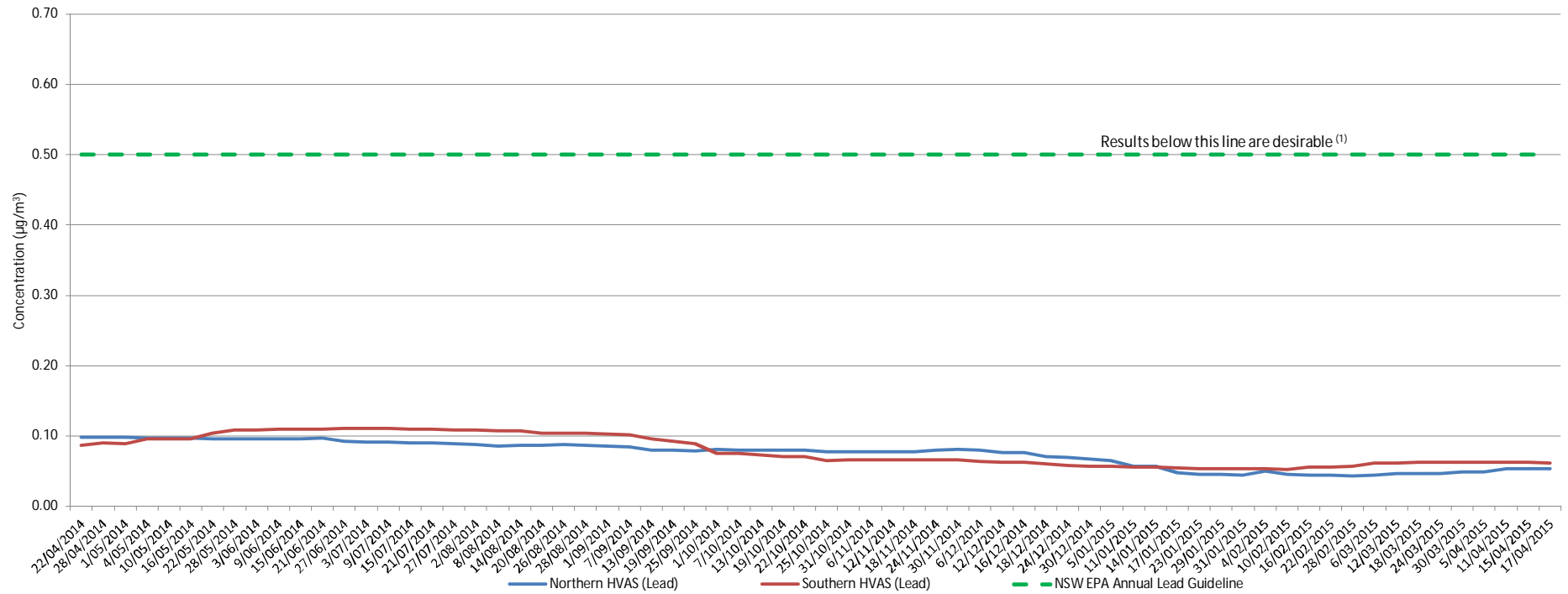
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



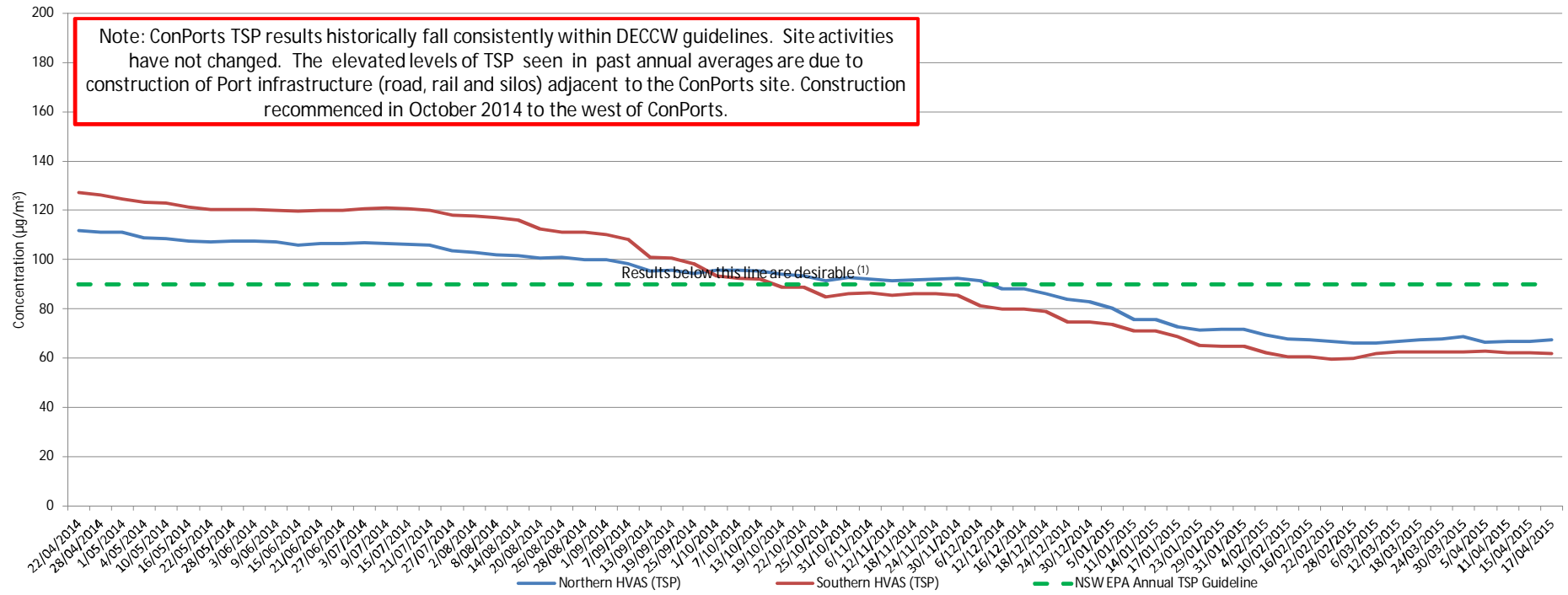
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

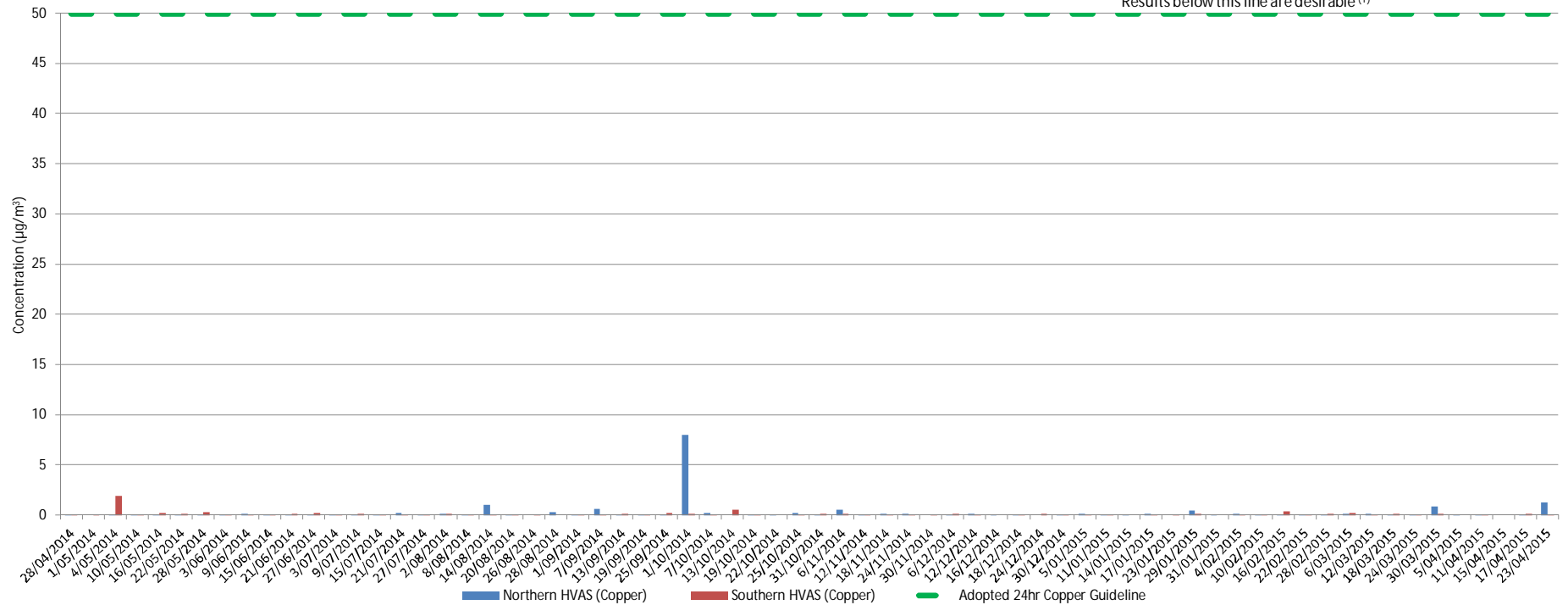
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	

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
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	Catch up sample at North location.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	North sampler did not run due to no power to sampler.
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	
16/05/2014	45.2	0.035	0.019	0.22	45.8	0.235	0.100	1.130	

ConPorts Pty Ltd - 24 Hour Copper

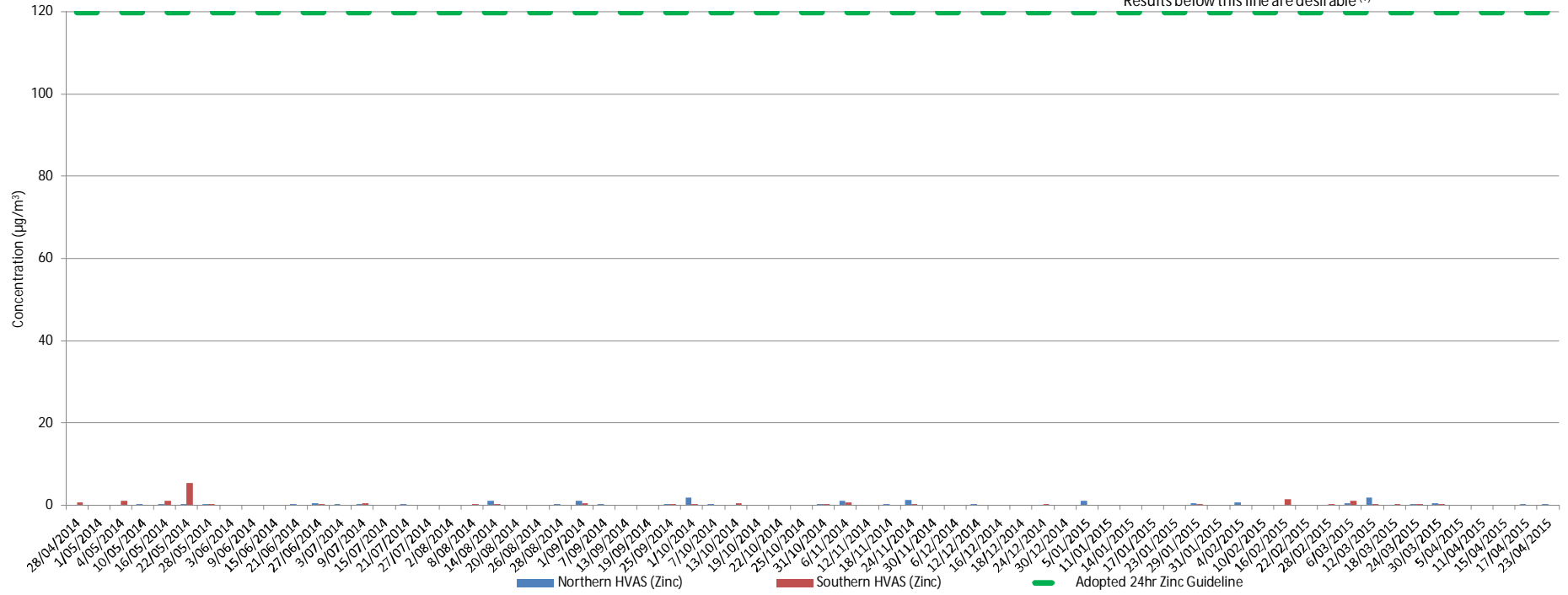
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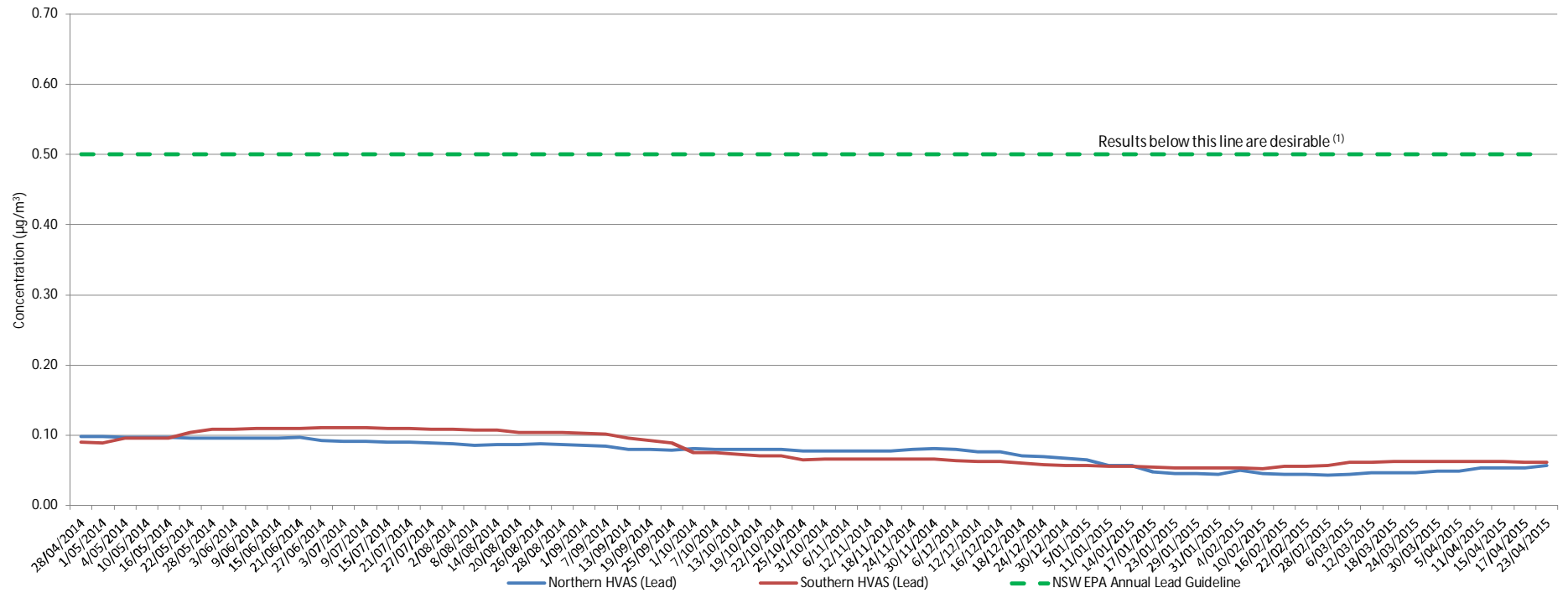
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



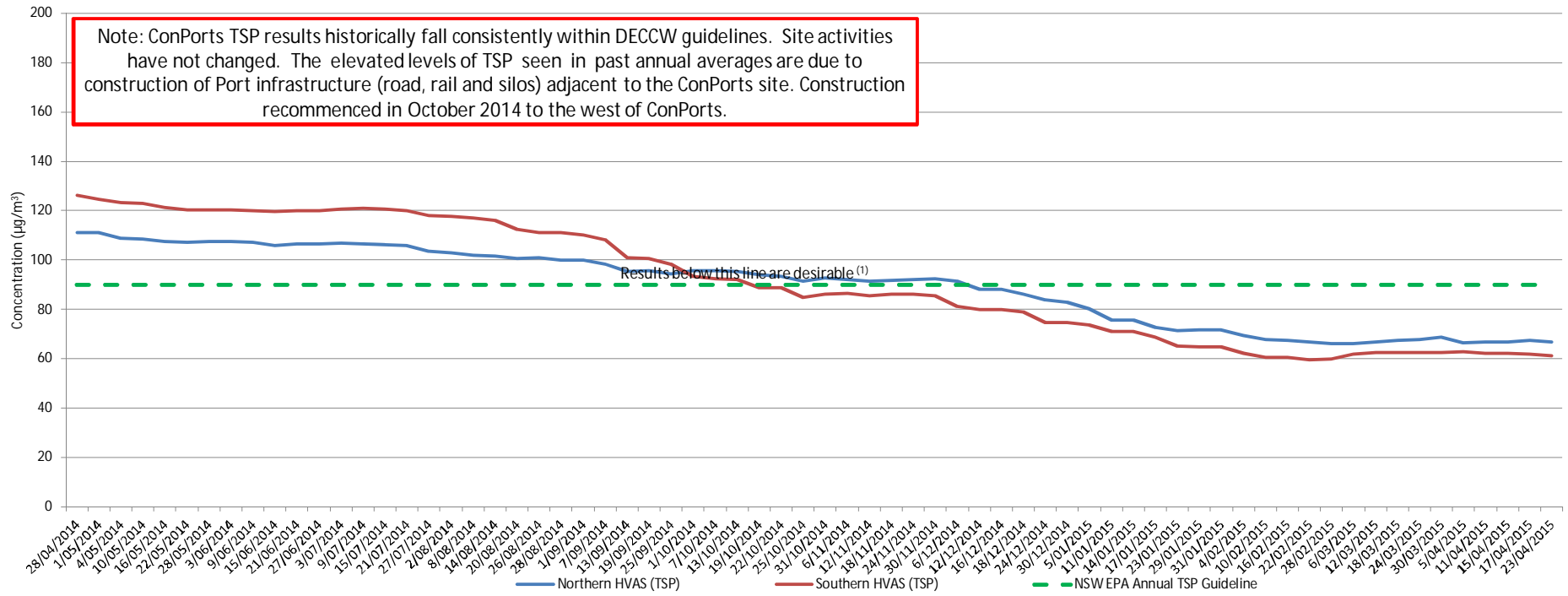
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽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

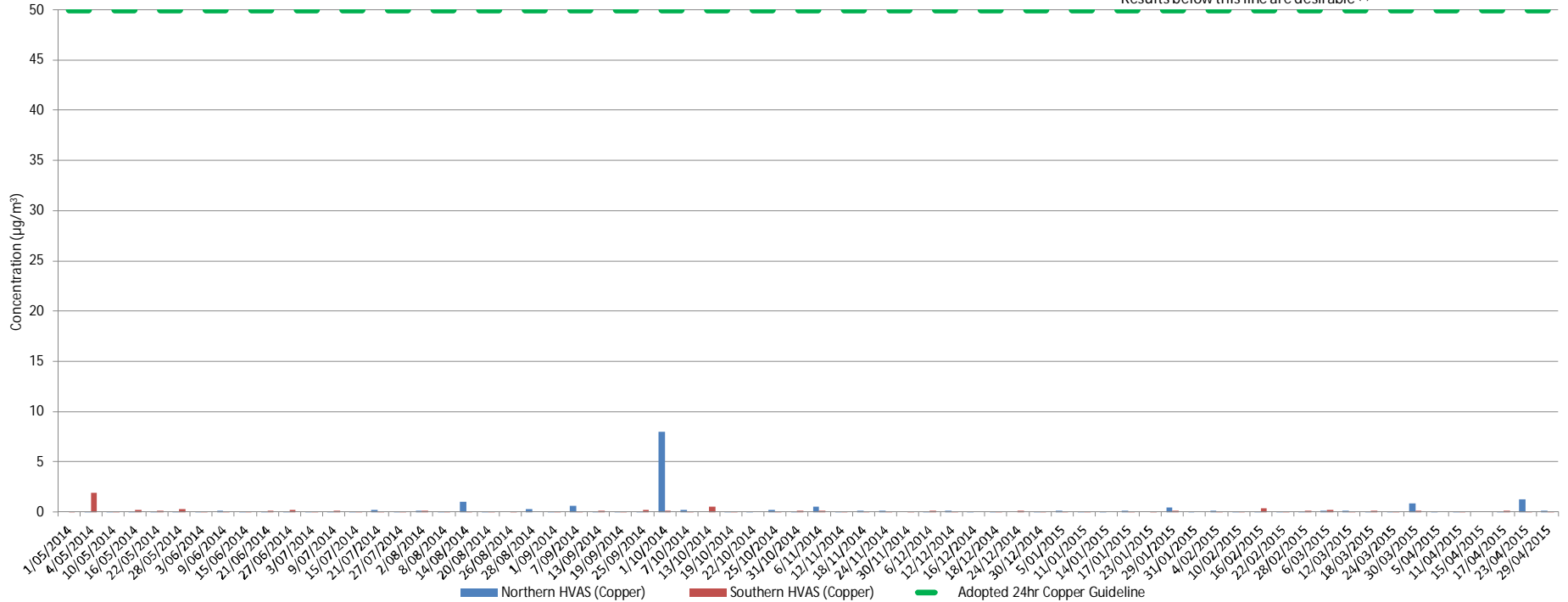
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
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31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
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19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run

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
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	Catch up sample at North location.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	North sampler did not run due to no power to sampler.
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	
22/05/2014	84.6	0.030	0.018	0.35	83.3	0.135	0.557	5.510	

ConPorts Pty Ltd - 24 Hour Copper

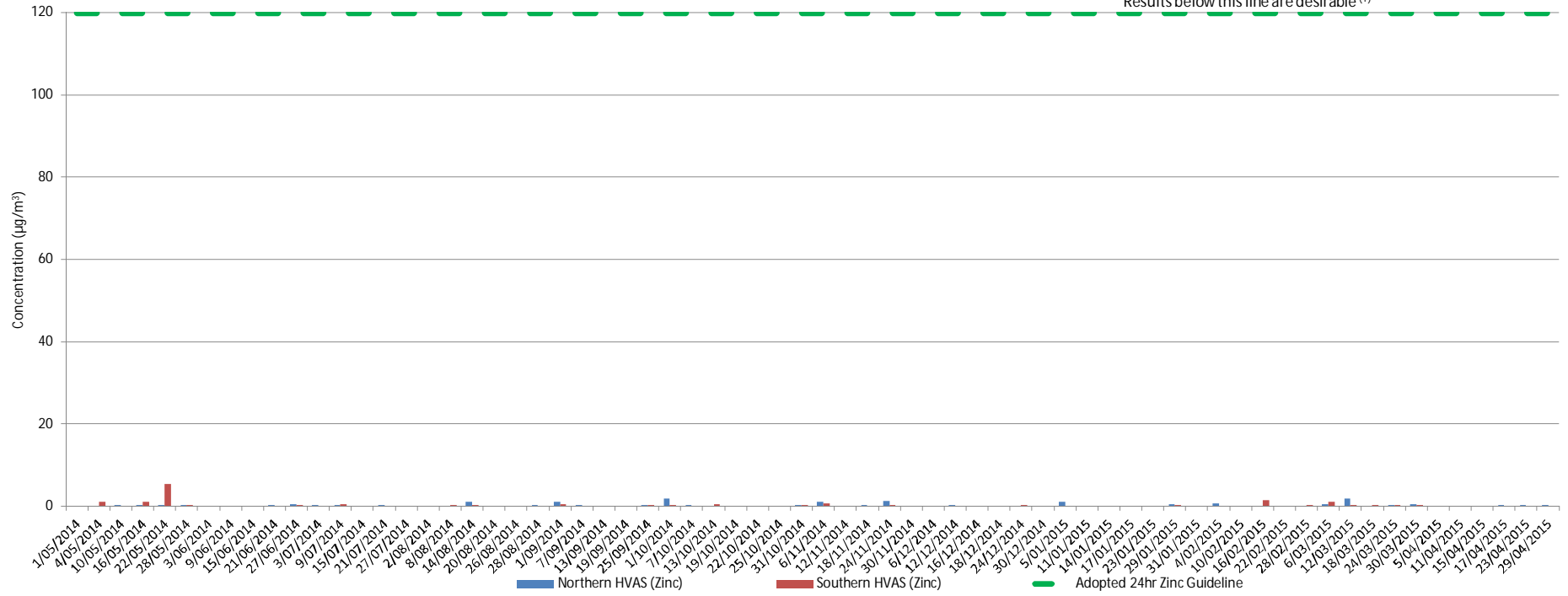
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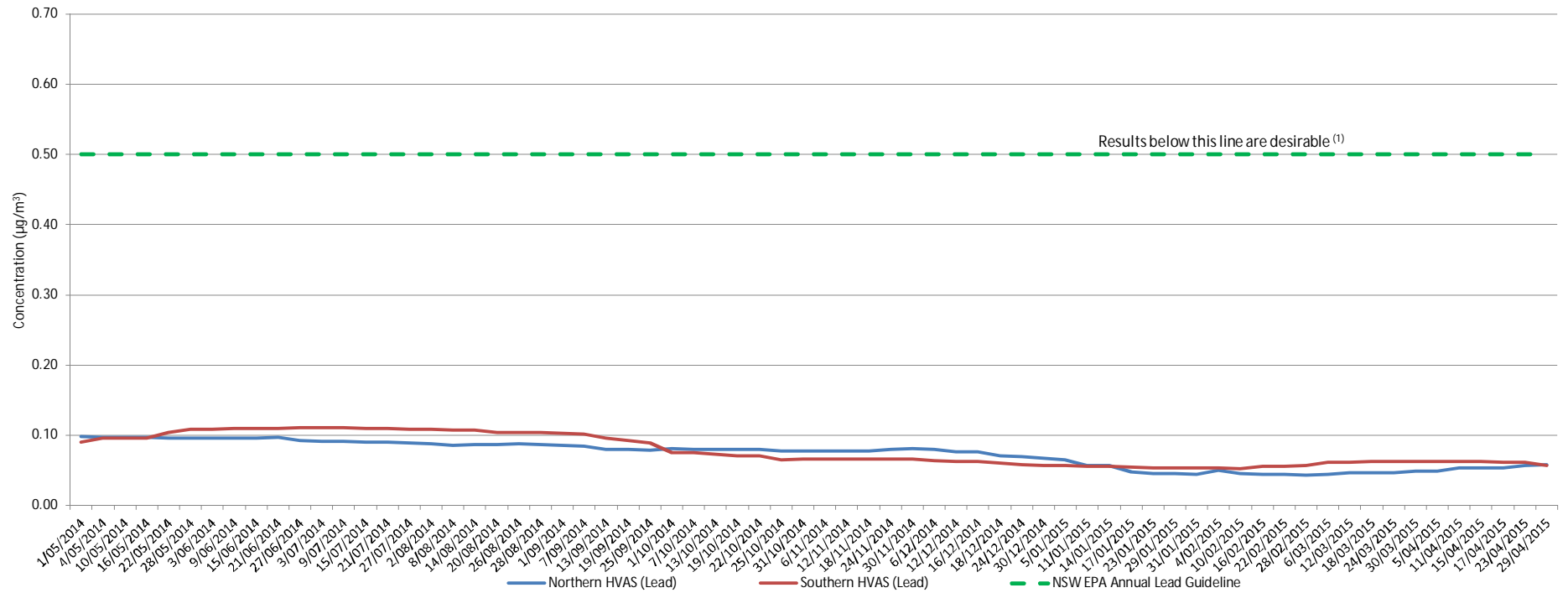
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



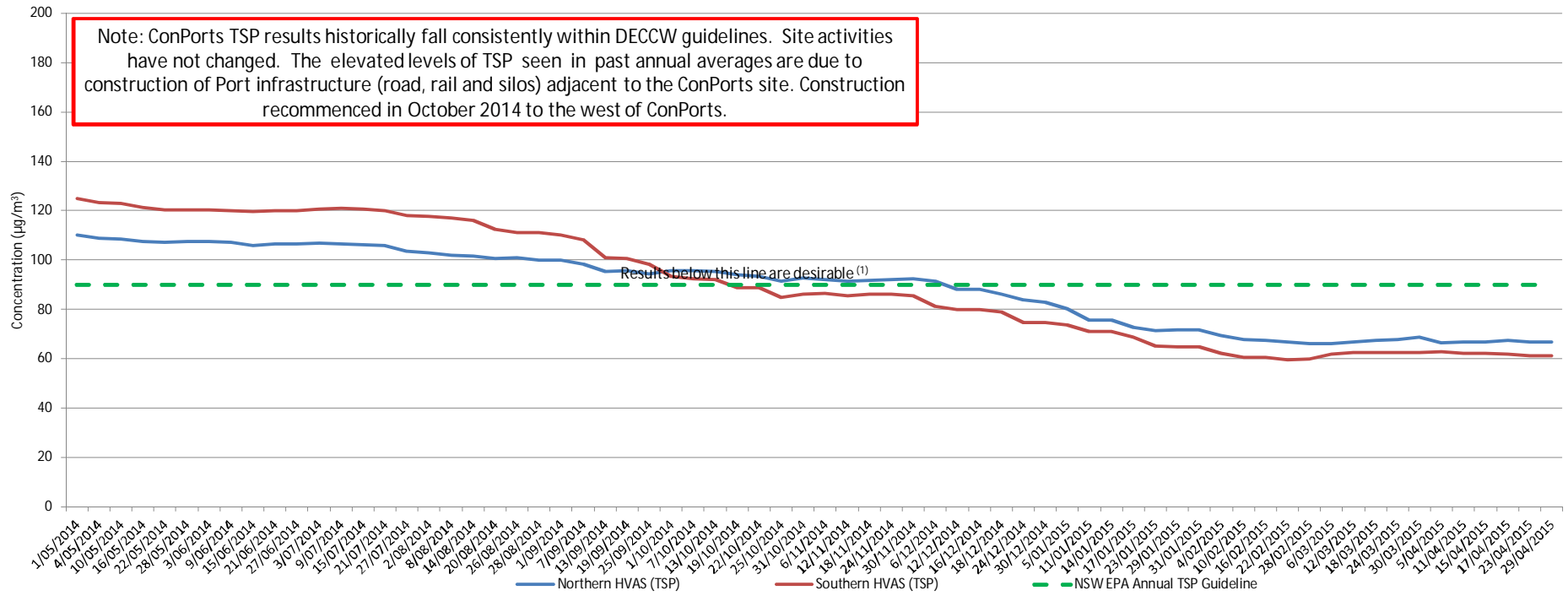
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

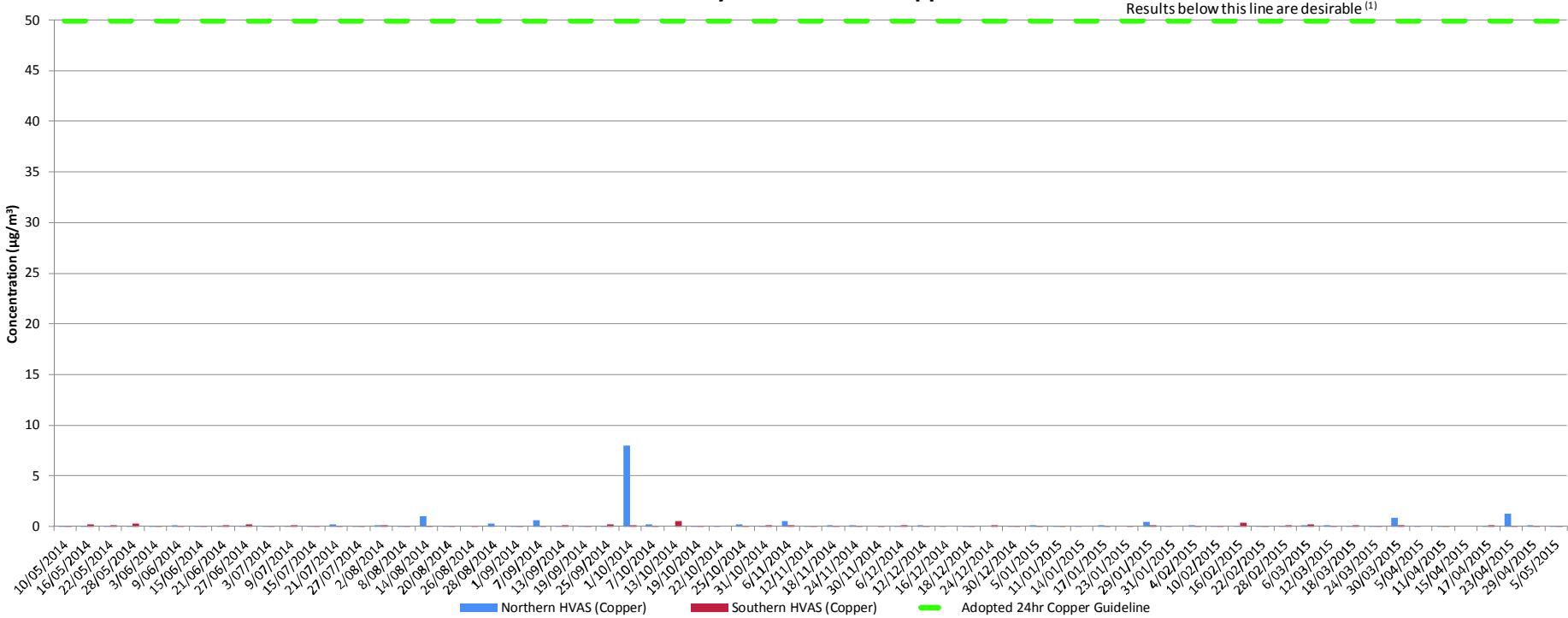
ConPorts Pty - Air Monitoring HVAS Results

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
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	

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

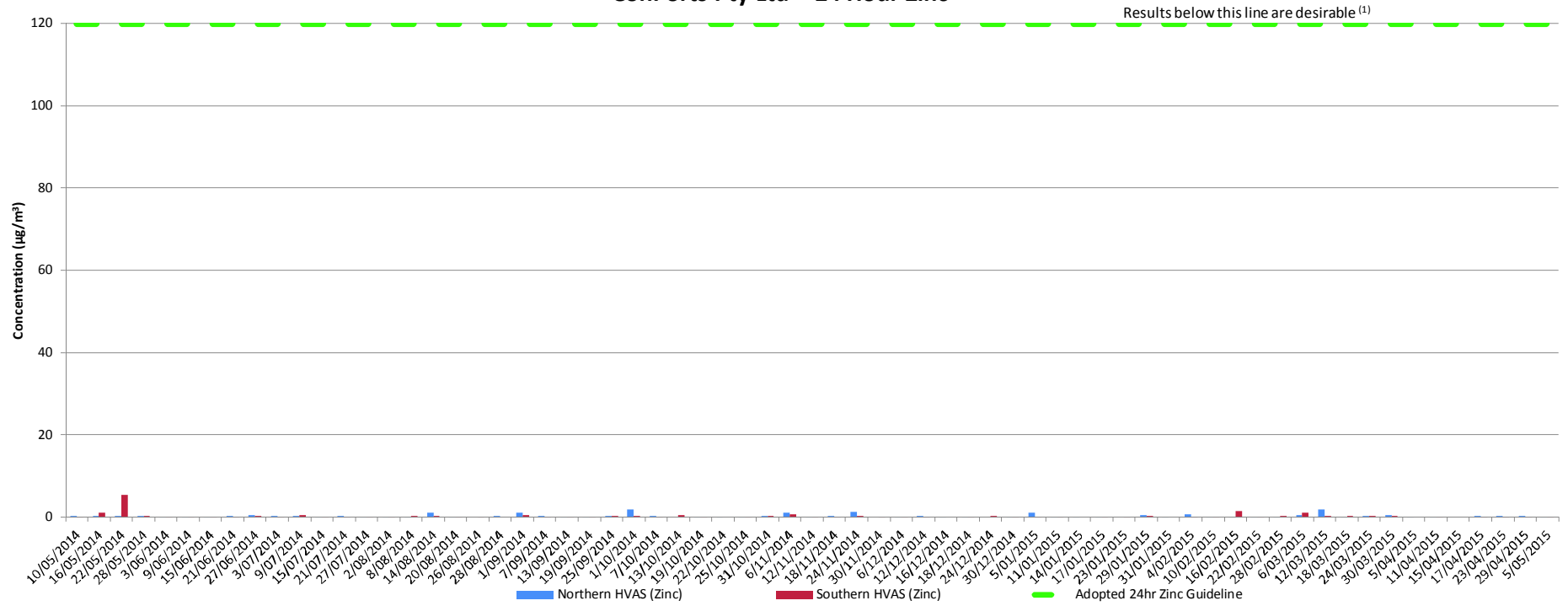
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	Catch up sample at North location. North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	
28/05/2014	74.0	0.054	0.024	0.40	58.0	0.263	0.274	0.280	

ConPorts Pty Ltd - 24 Hour Copper



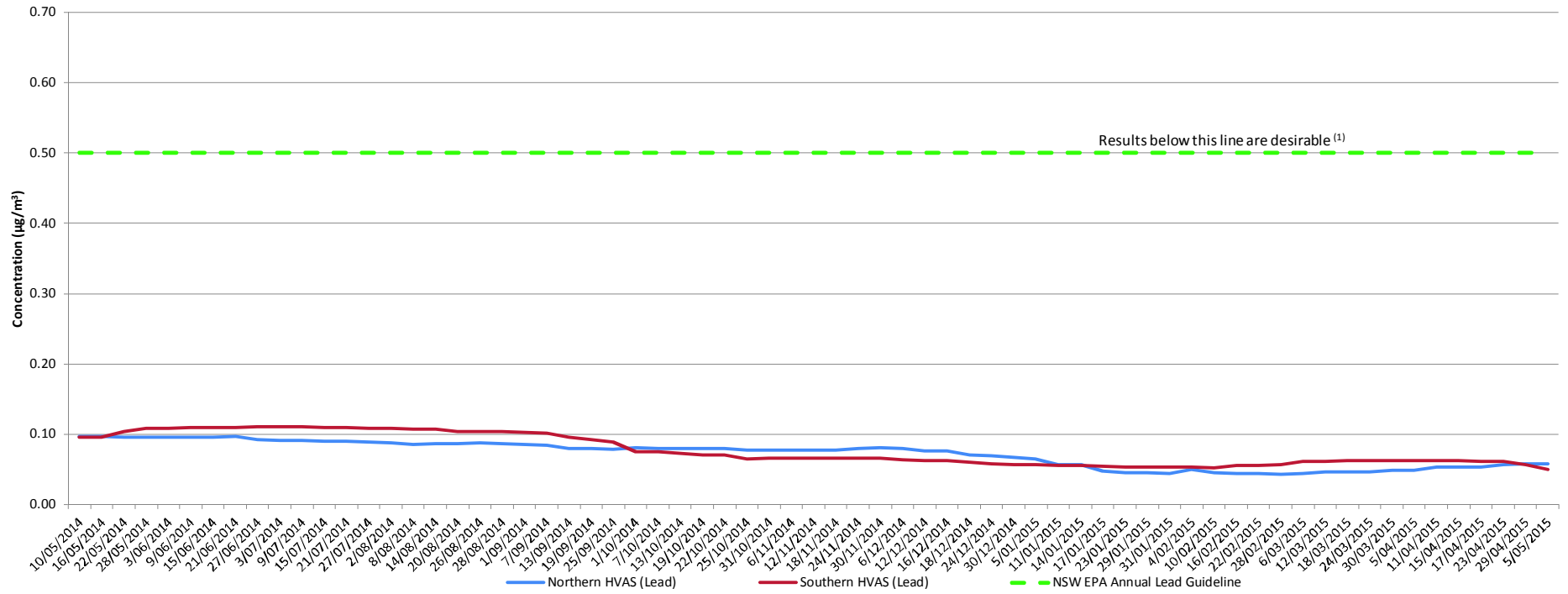
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

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

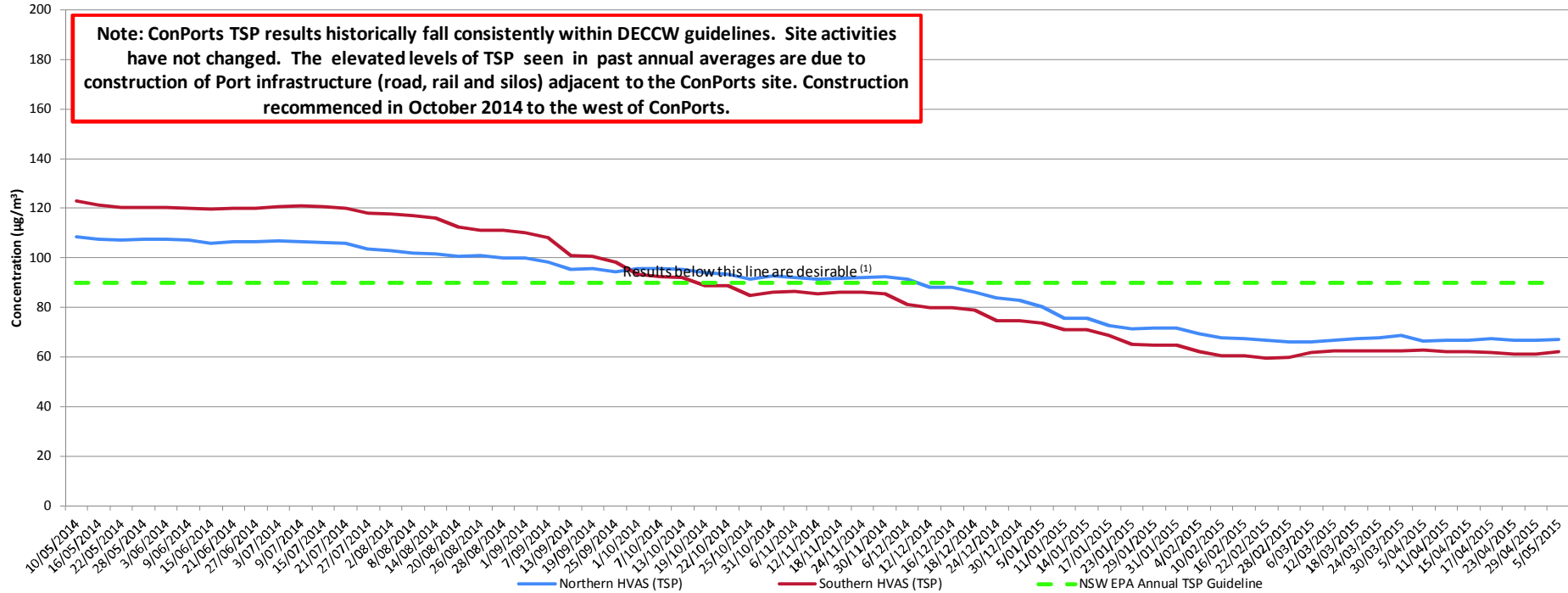
ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽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

Note: ConPorts TSP results historically fall consistently within DECCW guidelines. Site activities have not changed. The elevated levels of TSP seen in past annual averages are due to construction of Port infrastructure (road, rail and silos) adjacent to the ConPorts site. Construction recommenced in October 2014 to the west of ConPorts.



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

ConPorts Pty - Air Monitoring HVAS Results

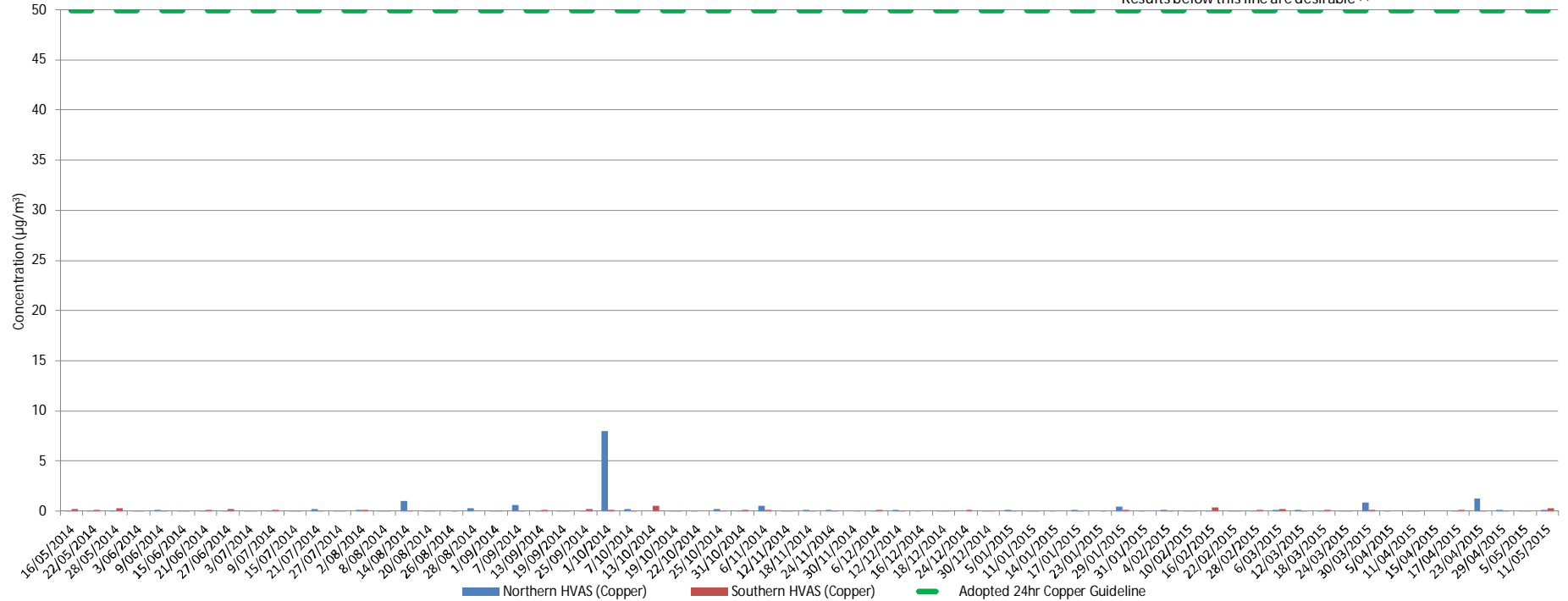
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
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16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.

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

HVAS Run Date	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data Comments
	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	Catch up sample at North location. North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	
3/06/2014	30.0	0.016	0.014	0.14	21.1	0.029	0.013	0.202	

ConPorts Pty Ltd - 24 Hour Copper

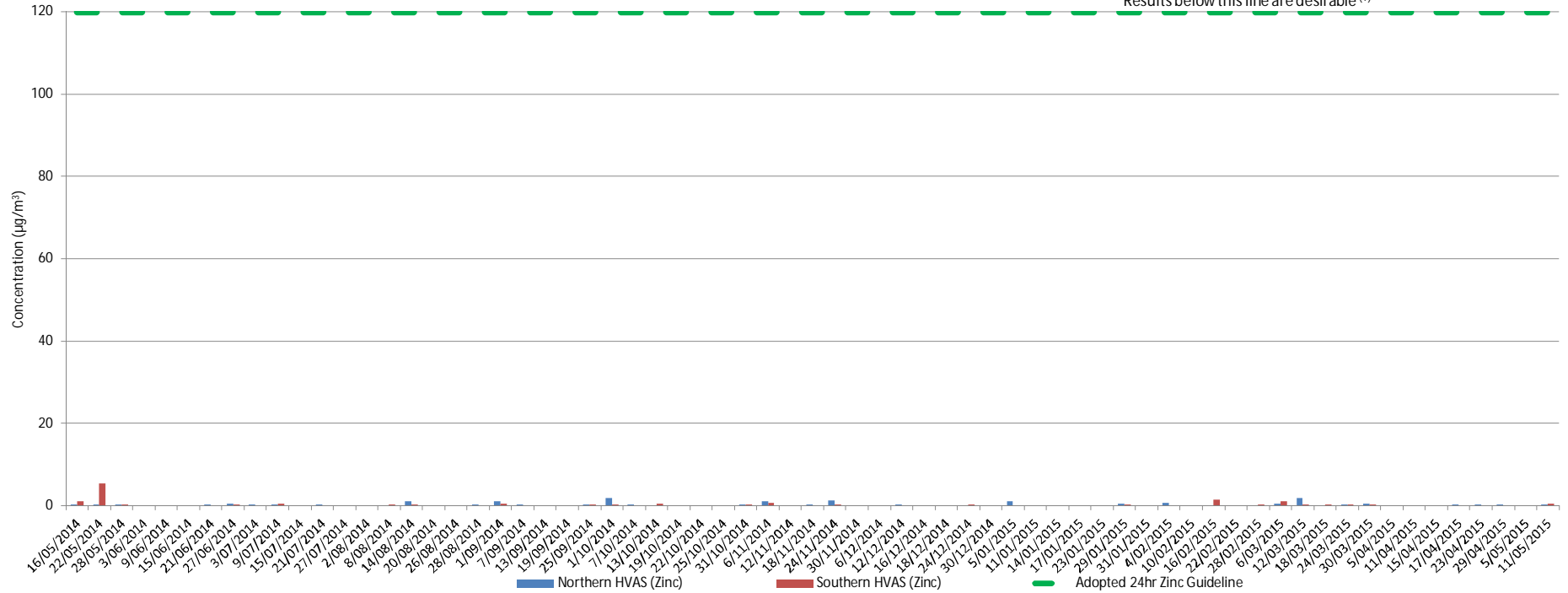
Results below this line are desirable ⁽¹⁾



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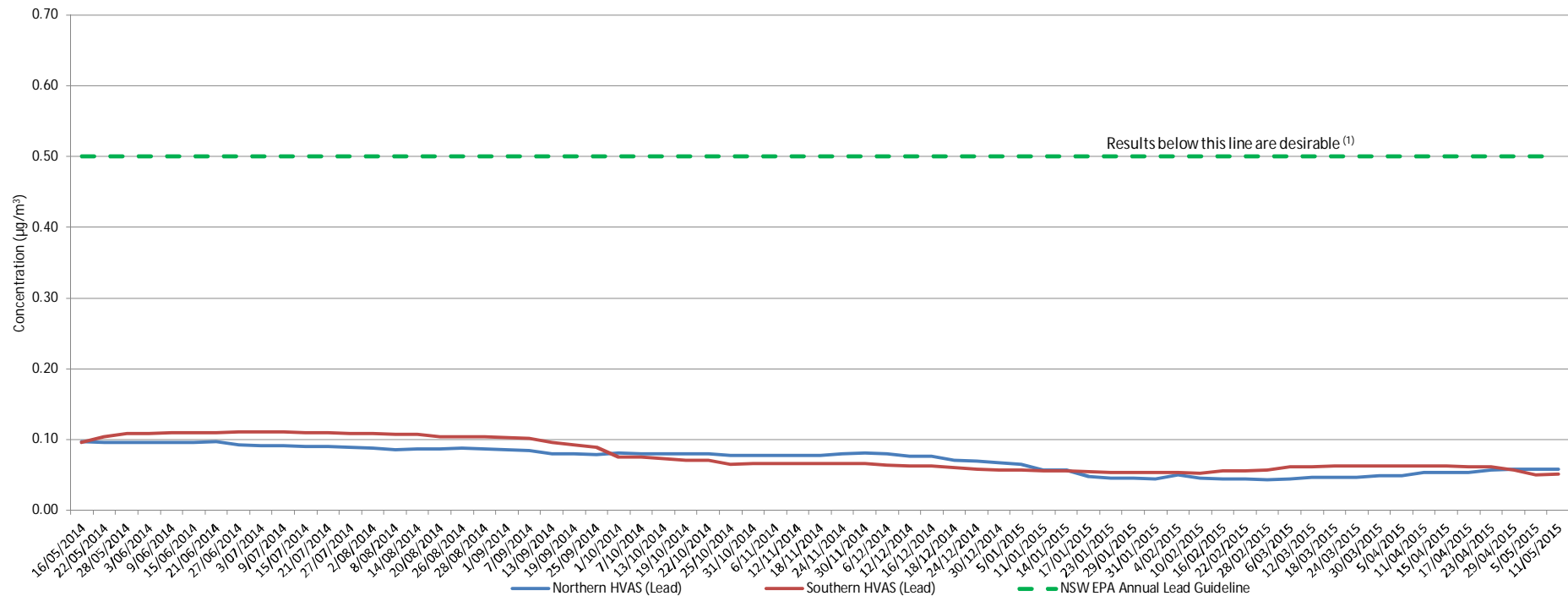
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



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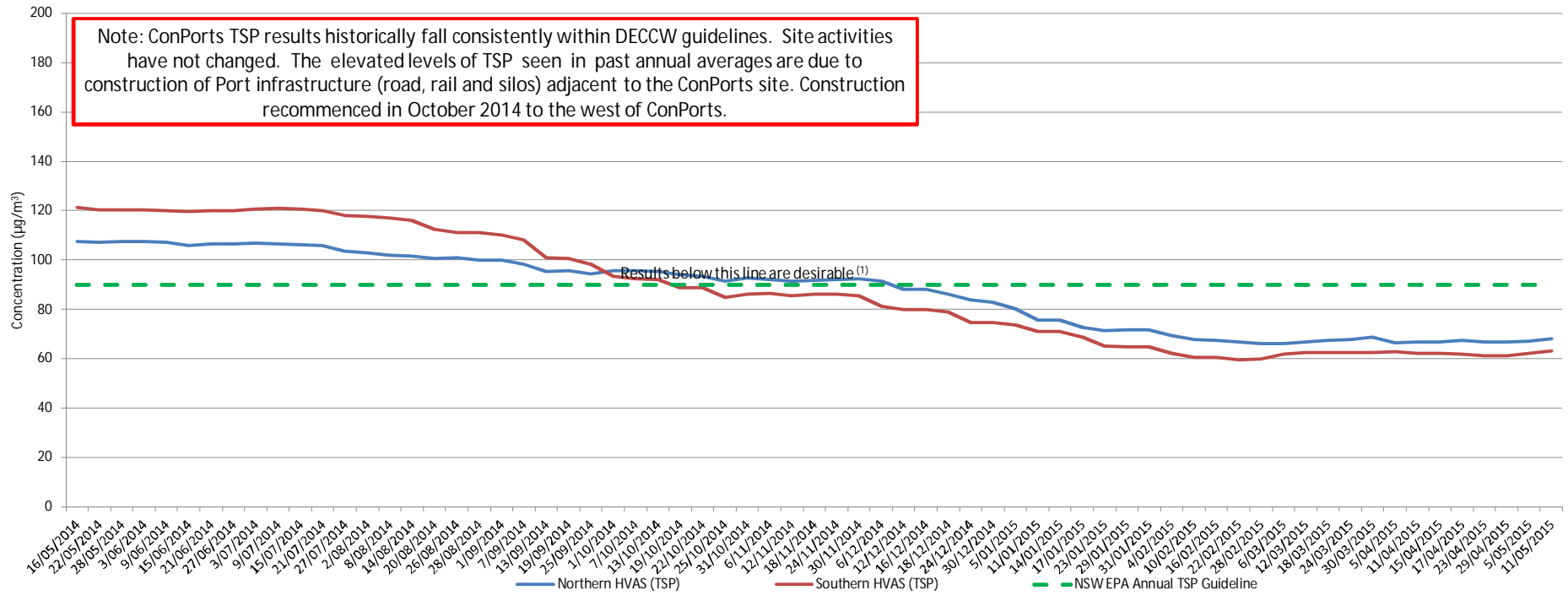
ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽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

Note: ConPorts TSP results historically fall consistently within DECCW guidelines. Site activities have not changed. The elevated levels of TSP seen in past annual averages are due to construction of Port infrastructure (road, rail and silos) adjacent to the ConPorts site. Construction recommenced in October 2014 to the west of ConPorts.



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

ConPorts Pty - Air Monitoring HVAS Results

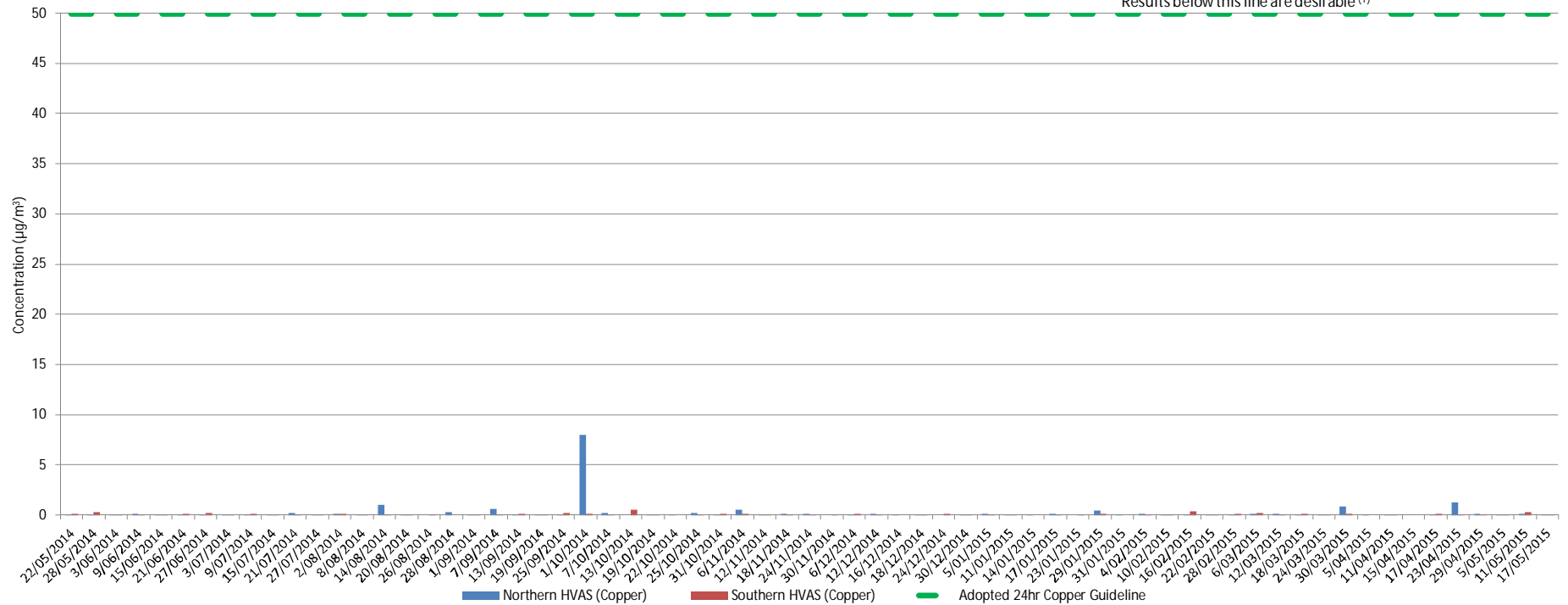
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
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31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
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23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
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12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	

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
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	Catch up sample at North location.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	North sampler did not run due to no power to sampler.
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	
9/06/2014	33.5	0.118	0.024	0.17	23.3	0.009	<0.007	0.042	

ConPorts Pty Ltd - 24 Hour Copper

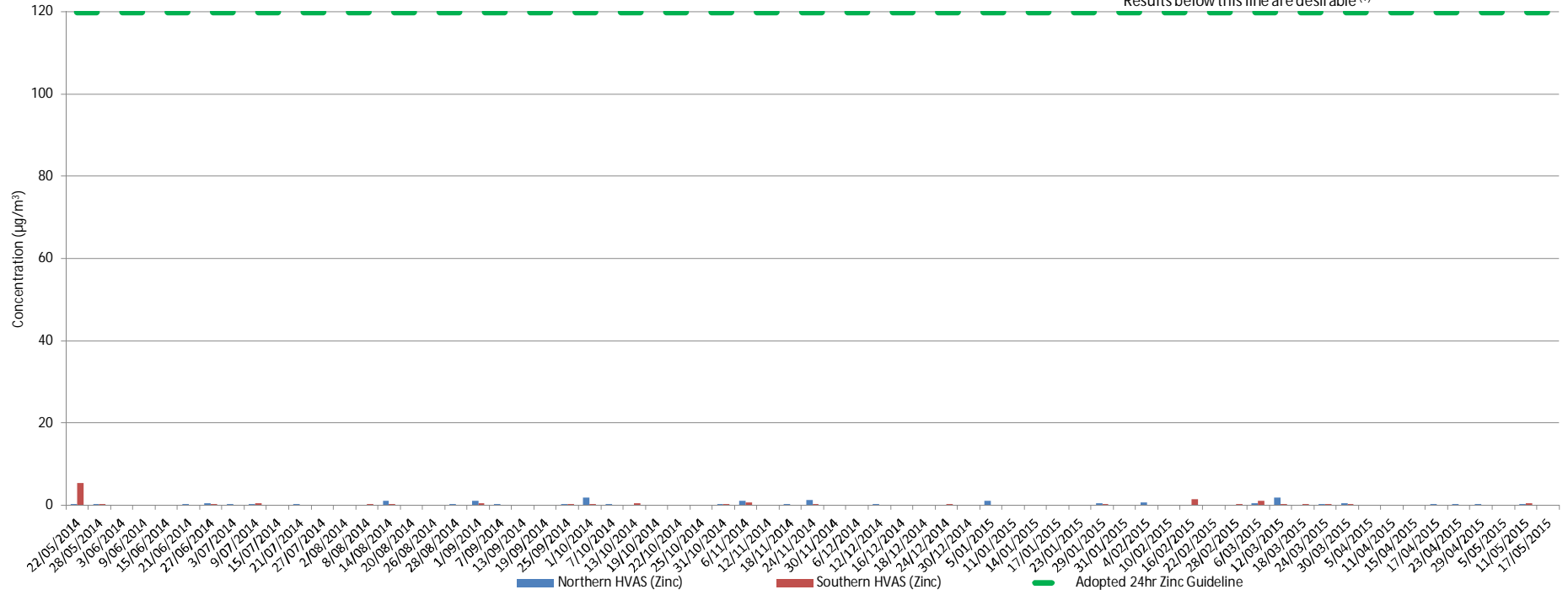
Results below this line are desirable ⁽¹⁾



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

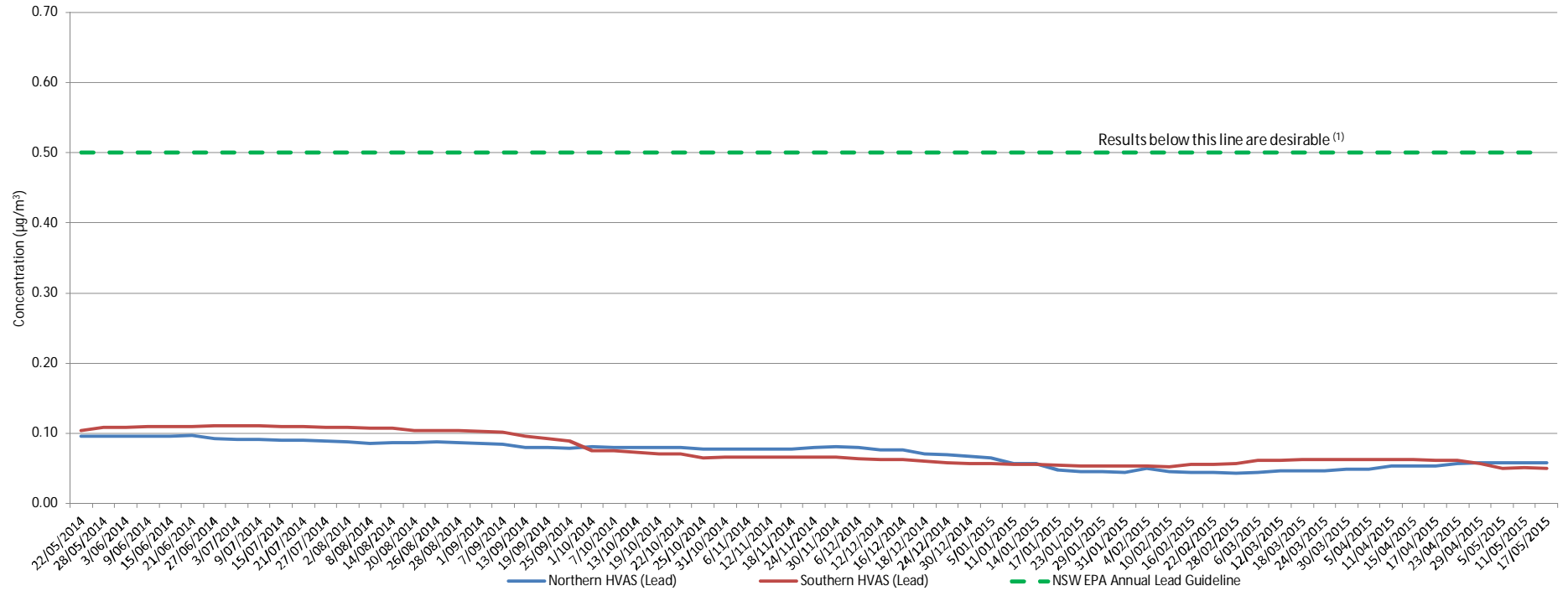
ConPorts Pty Ltd - 24 Hour Zinc

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

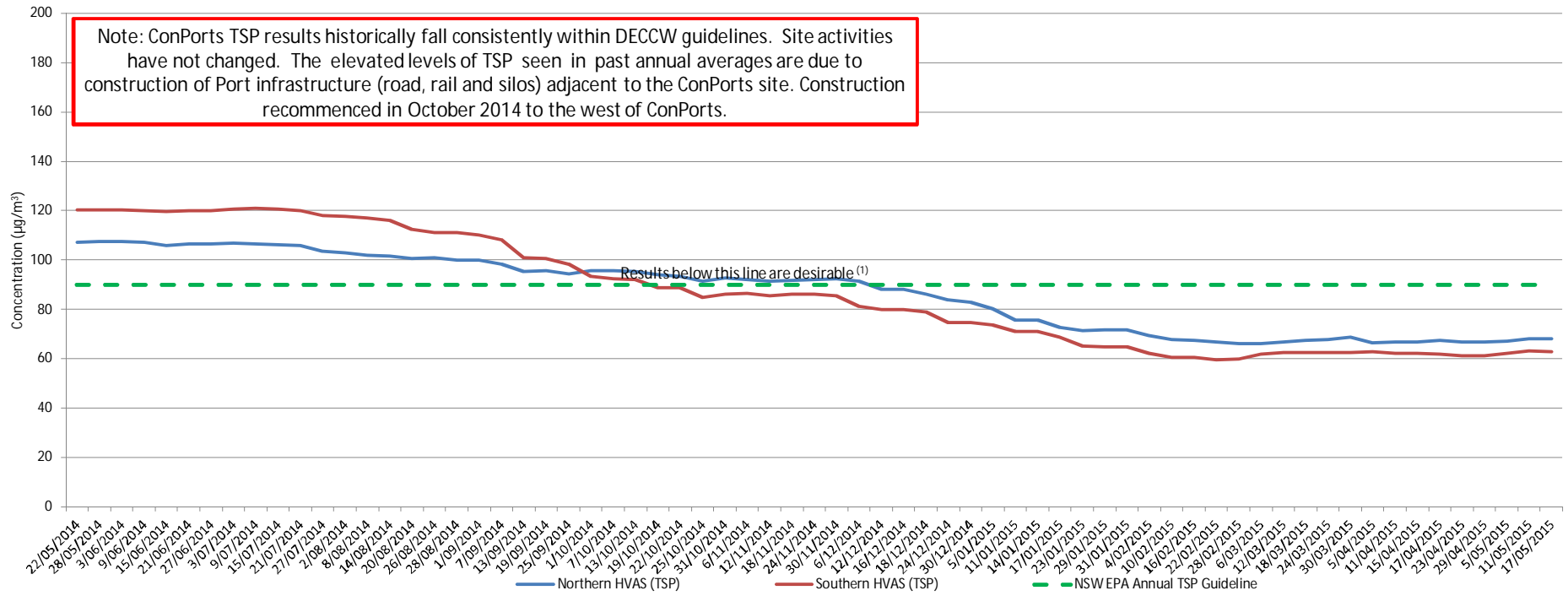
ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽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

Note: ConPorts TSP results historically fall consistently within DECCW guidelines. Site activities have not changed. The elevated levels of TSP seen in past annual averages are due to construction of Port infrastructure (road, rail and silos) adjacent to the ConPorts site. Construction recommenced in October 2014 to the west of ConPorts.



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

ConPorts Pty - Air Monitoring HVAS Results

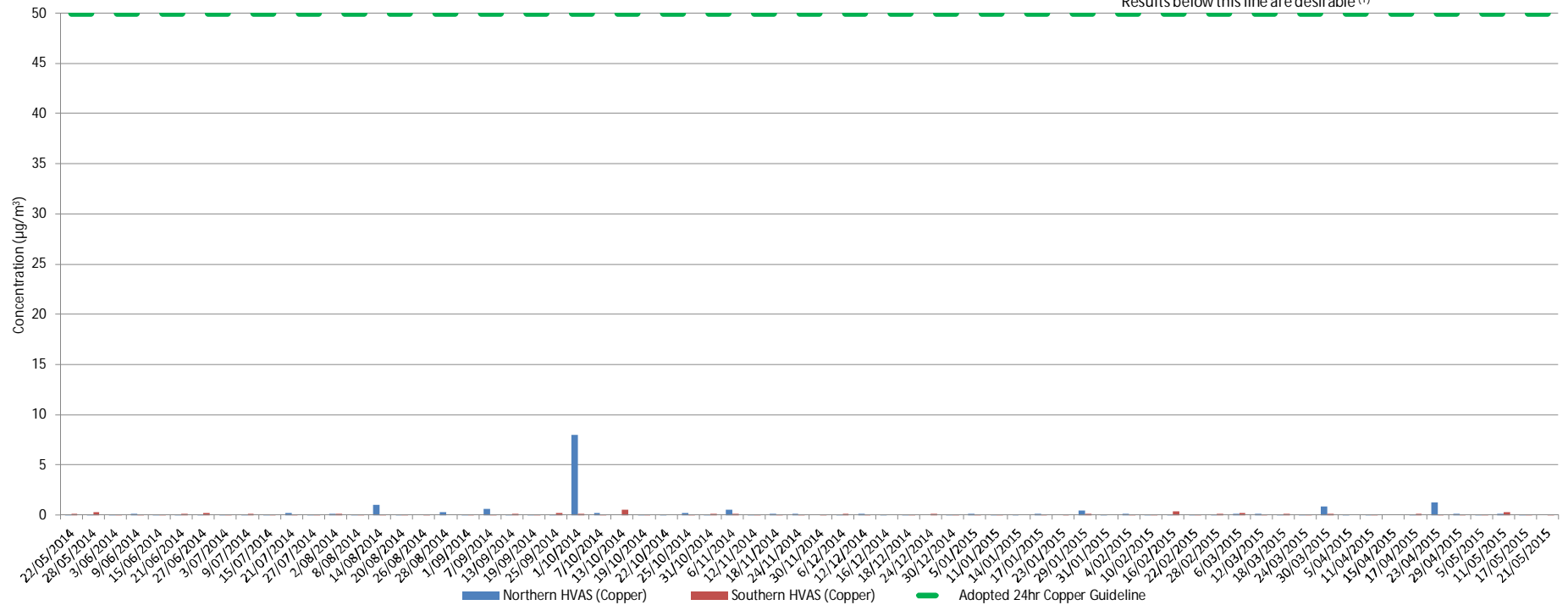
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	

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
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	Catch up sample at North location.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	North sampler did not run due to no power to sampler.
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	
15/06/2014	27.3	0.022	0.011	0.11	23.9	0.030	0.008	0.070	

ConPorts Pty Ltd - 24 Hour Copper

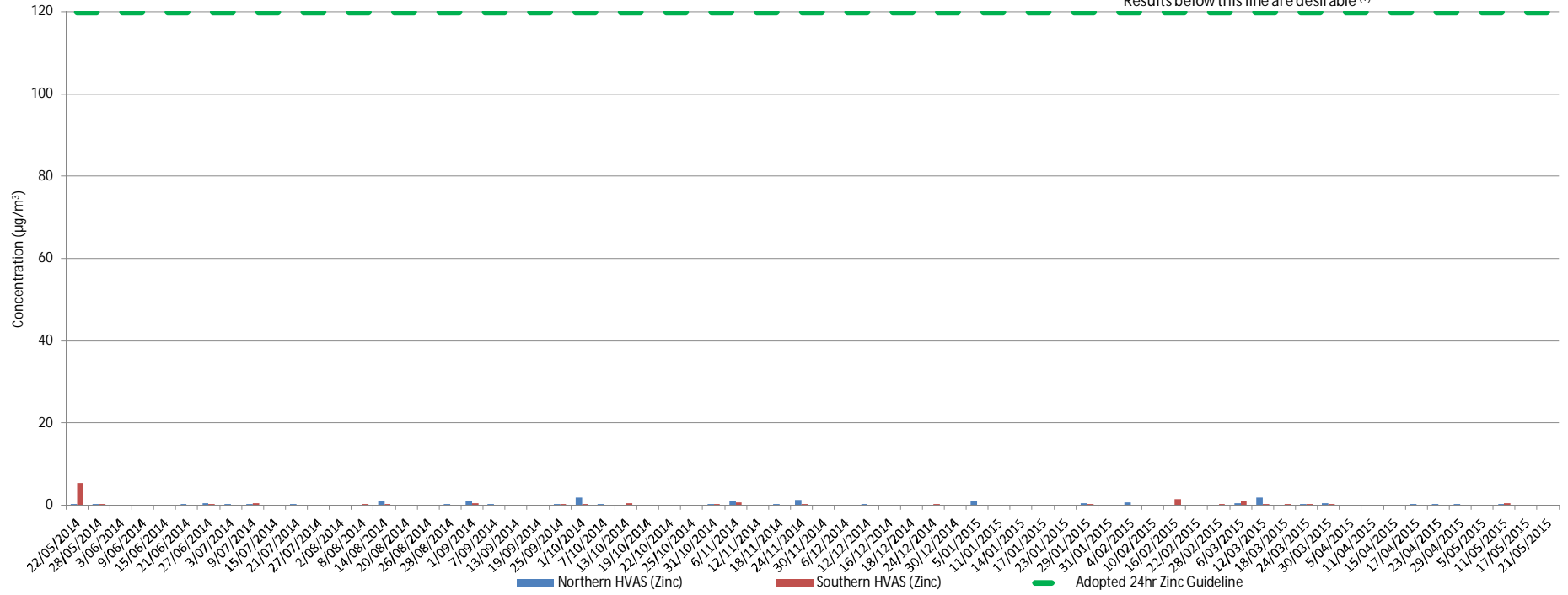
Results below this line are desirable ⁽¹⁾



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

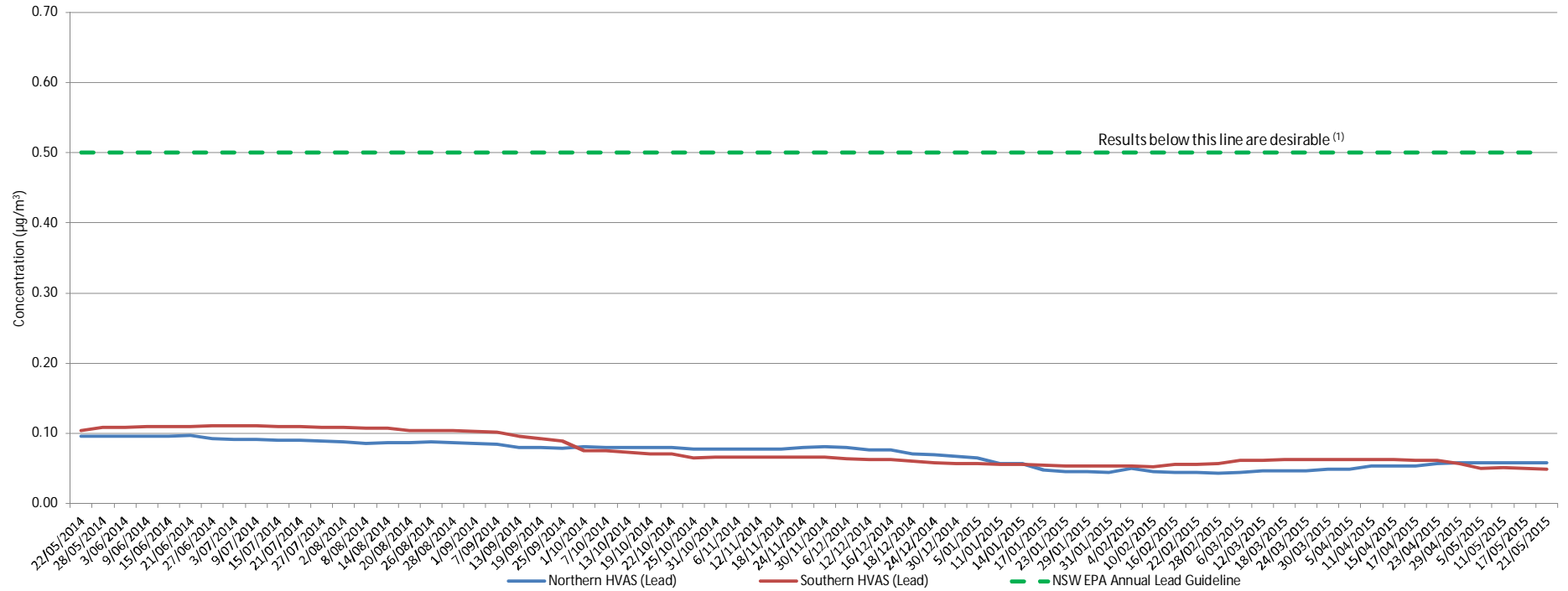
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



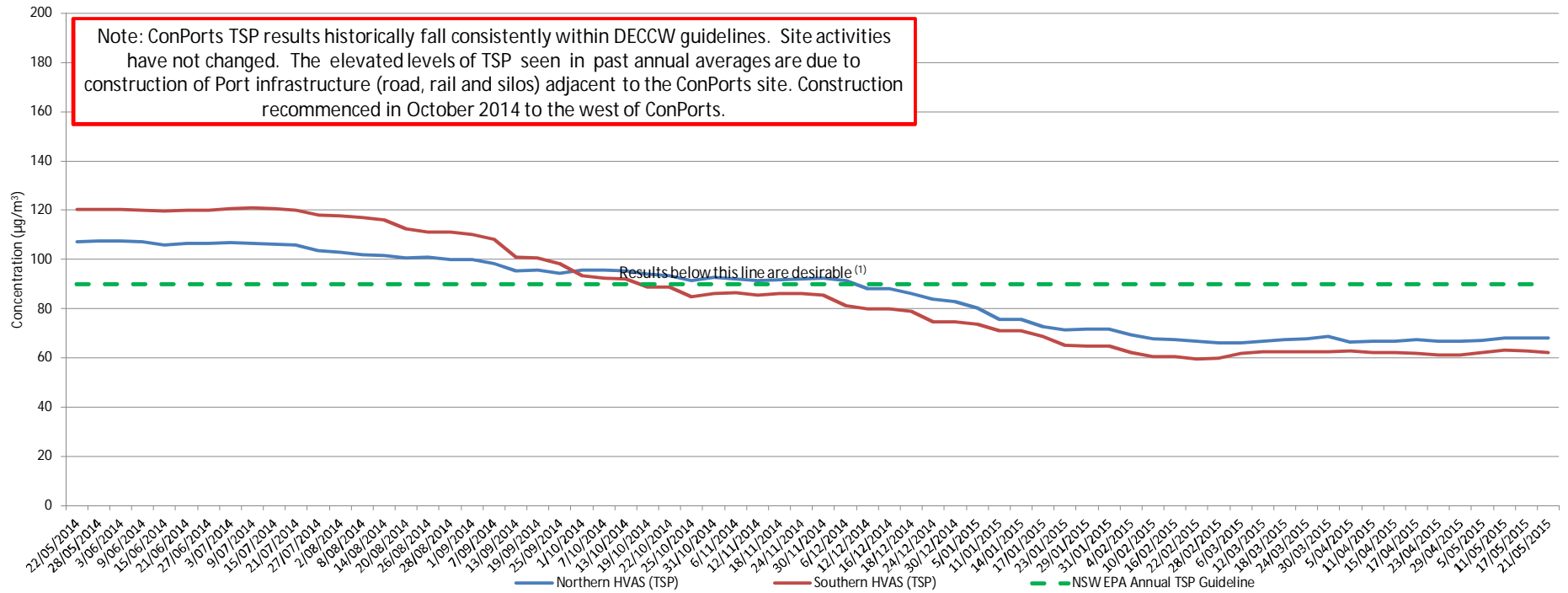
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

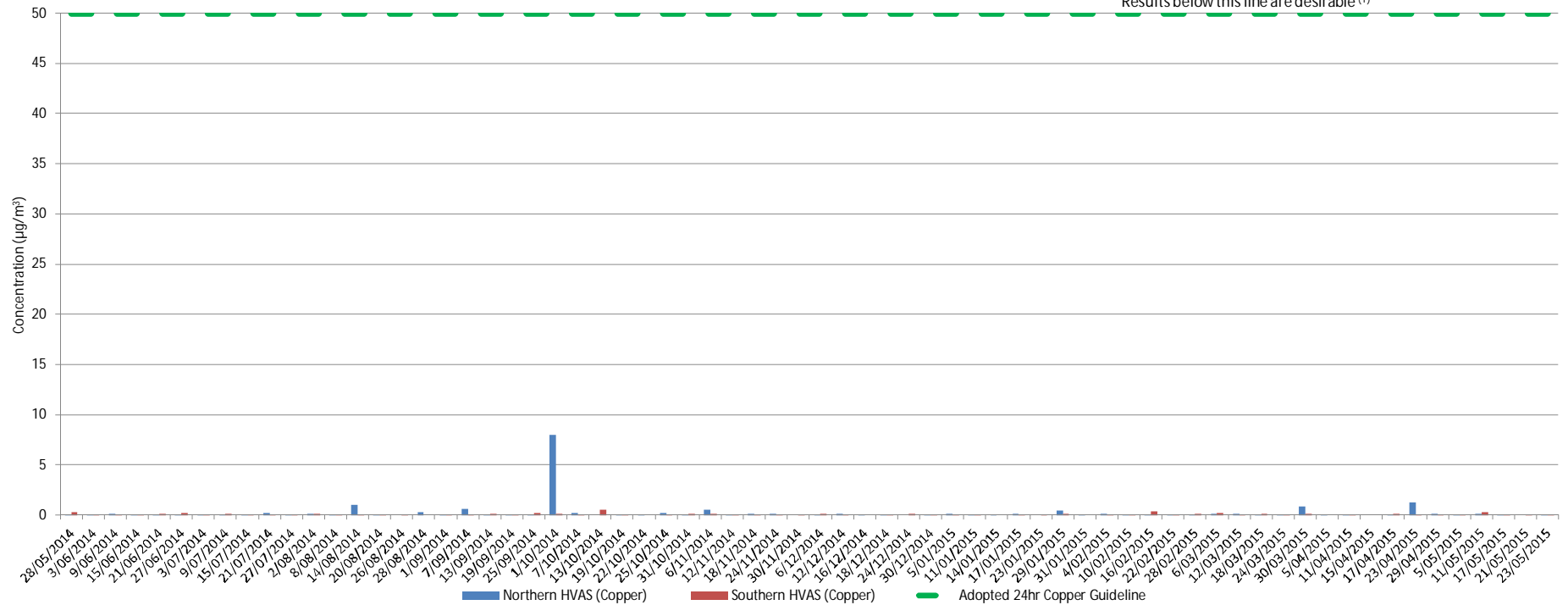
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	Catch up sample at South location
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	

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
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location. North sampler did not run due to no power to sampler.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
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27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	
21/06/2014	62.1	0.057	0.070	0.40	52.2	0.110	0.052	0.162	

ConPorts Pty Ltd - 24 Hour Copper

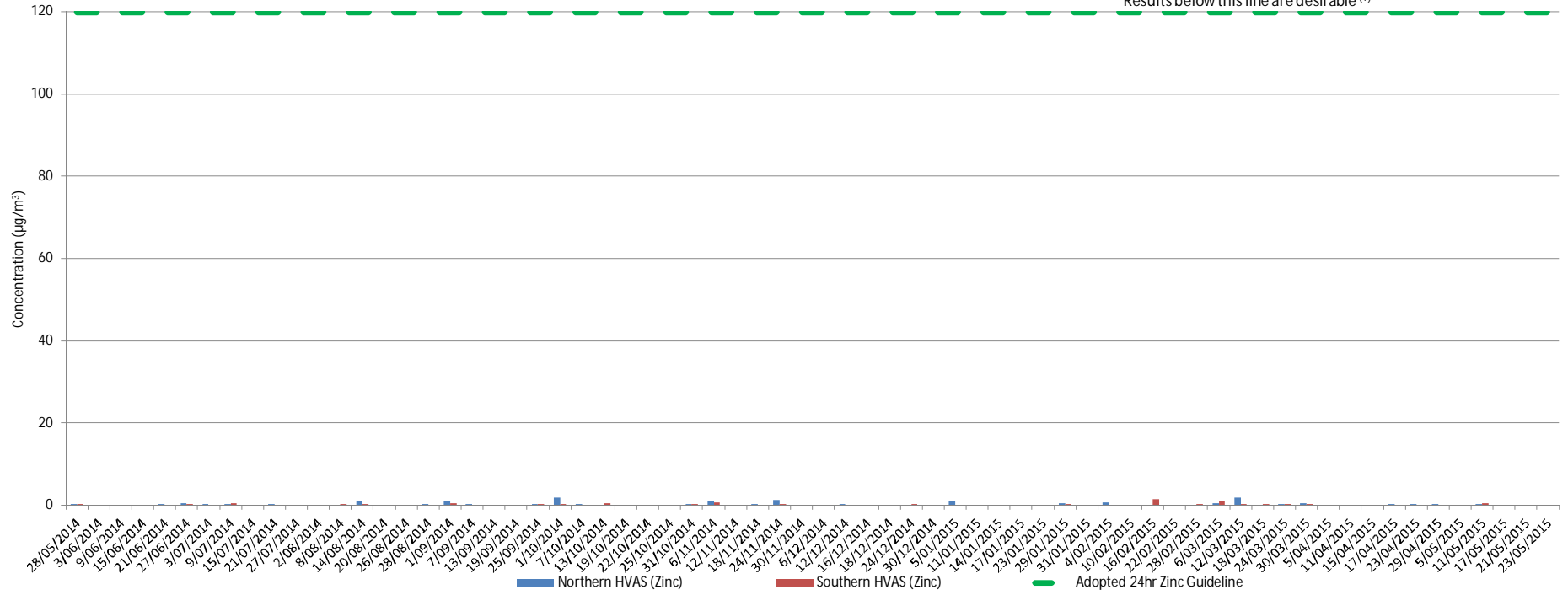
Results below this line are desirable ⁽¹⁾



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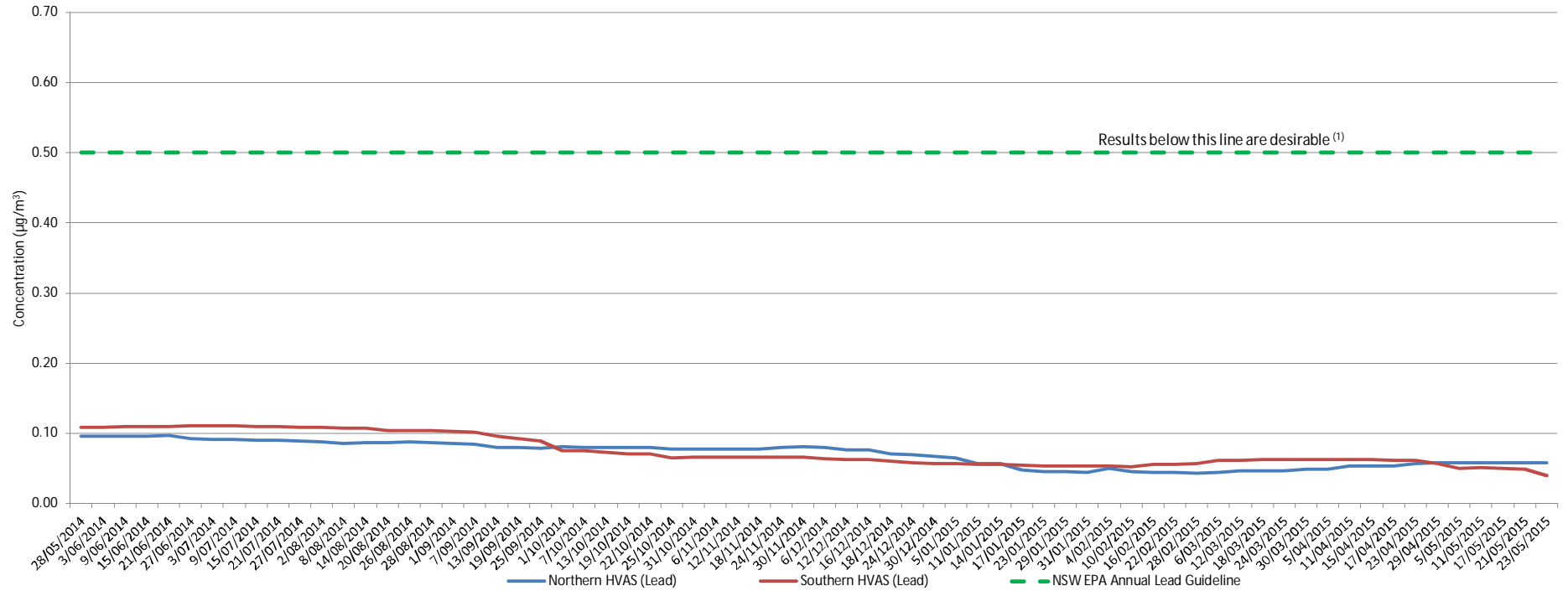
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



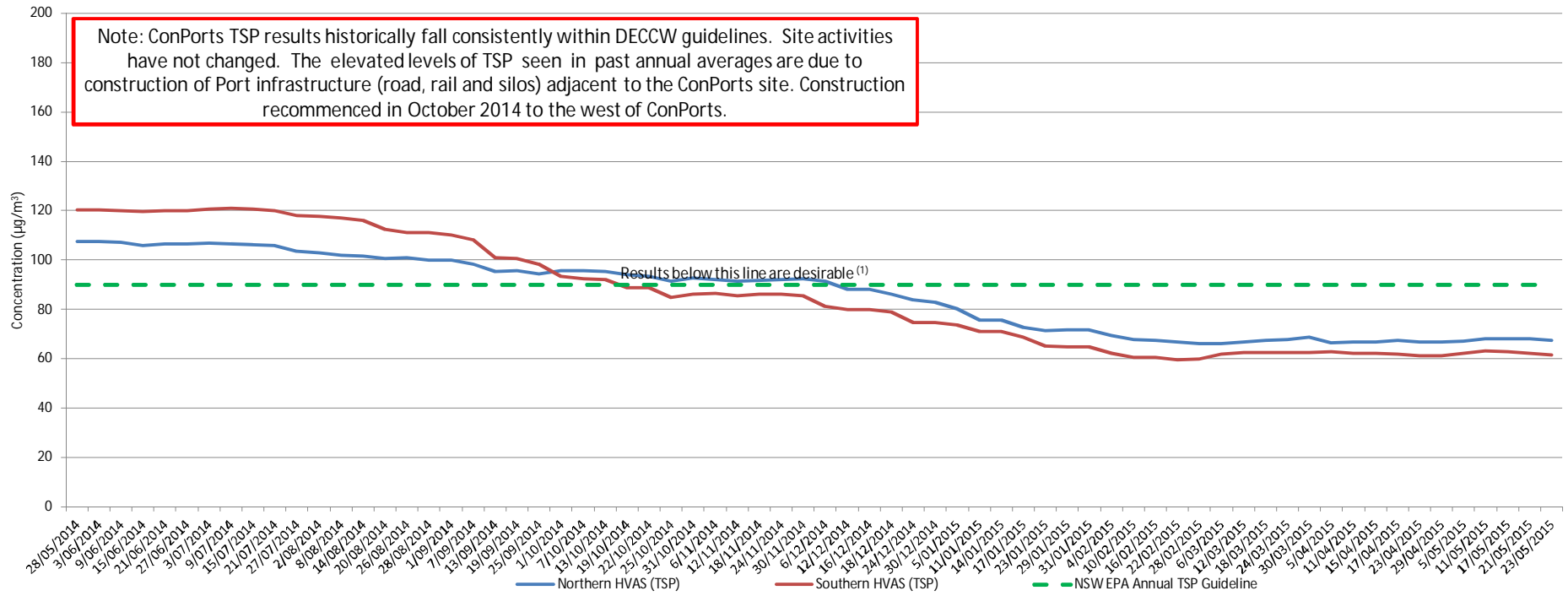
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

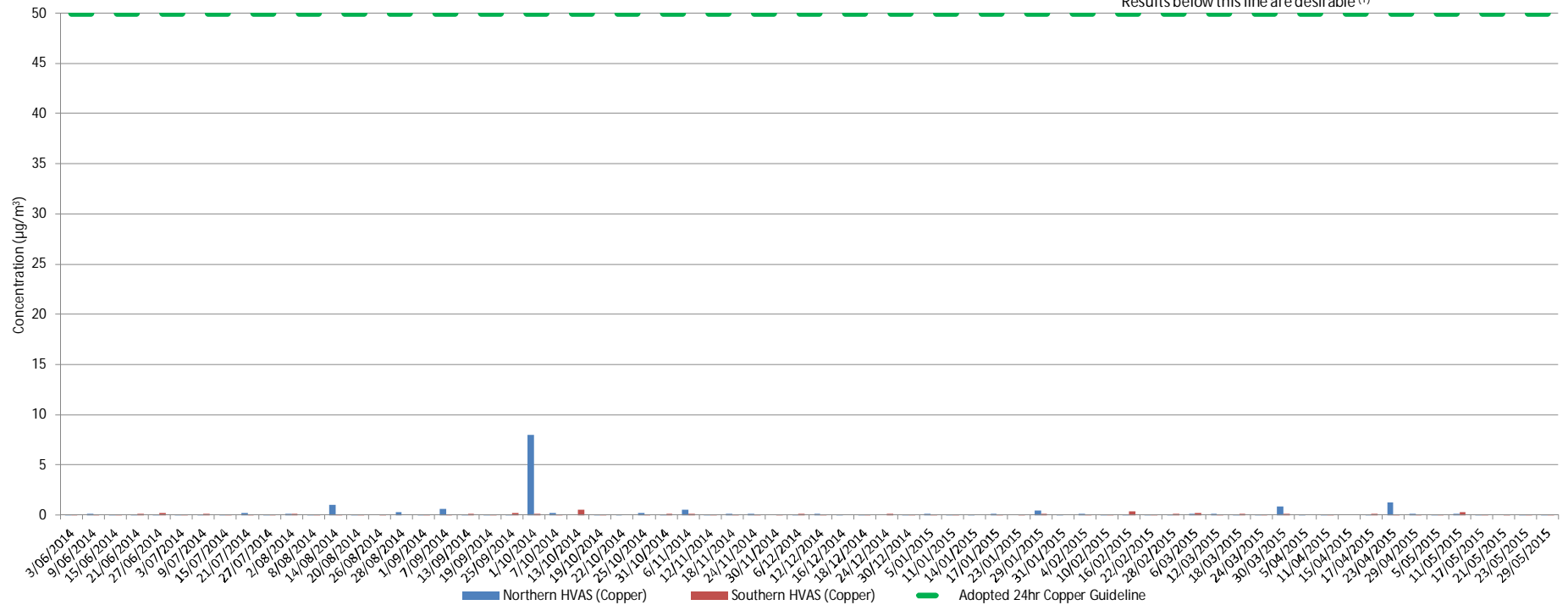
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	

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
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	
27/06/2014	74.8	0.034	0.027	0.42	64.1	0.194	0.048	0.378	

ConPorts Pty Ltd - 24 Hour Copper

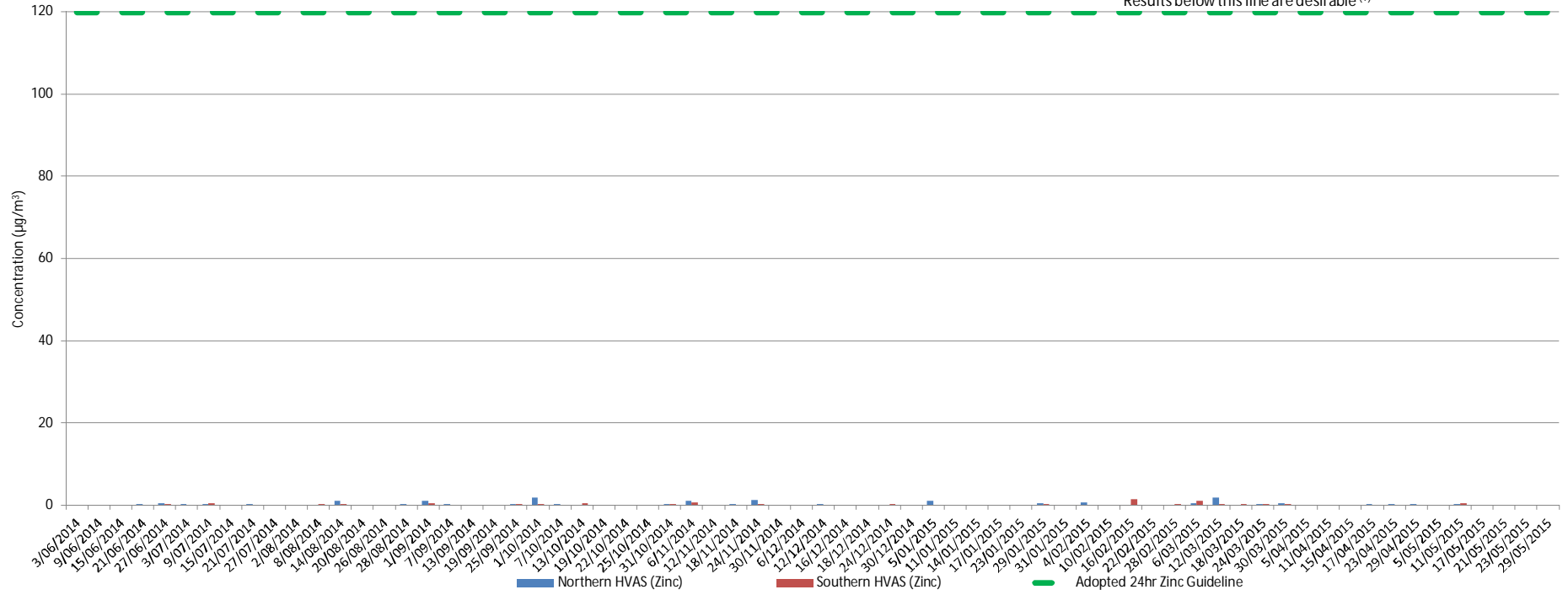
Results below this line are desirable ⁽¹⁾



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

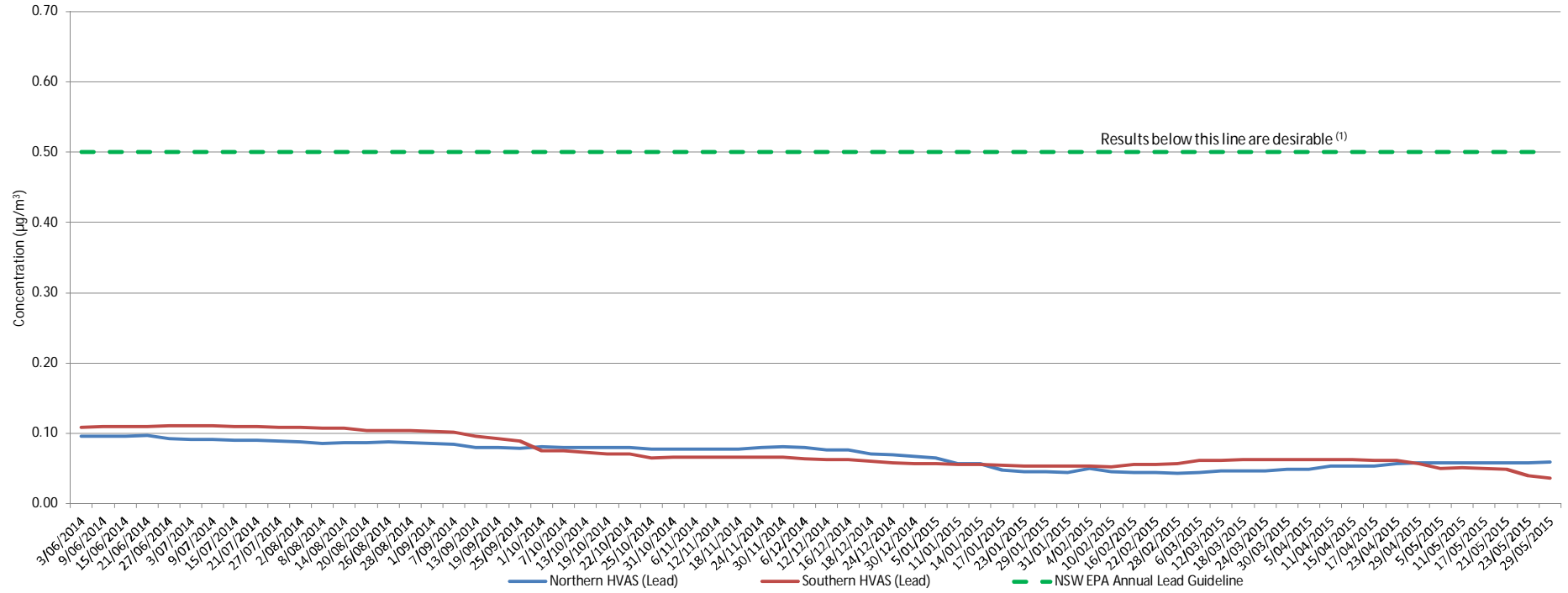
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



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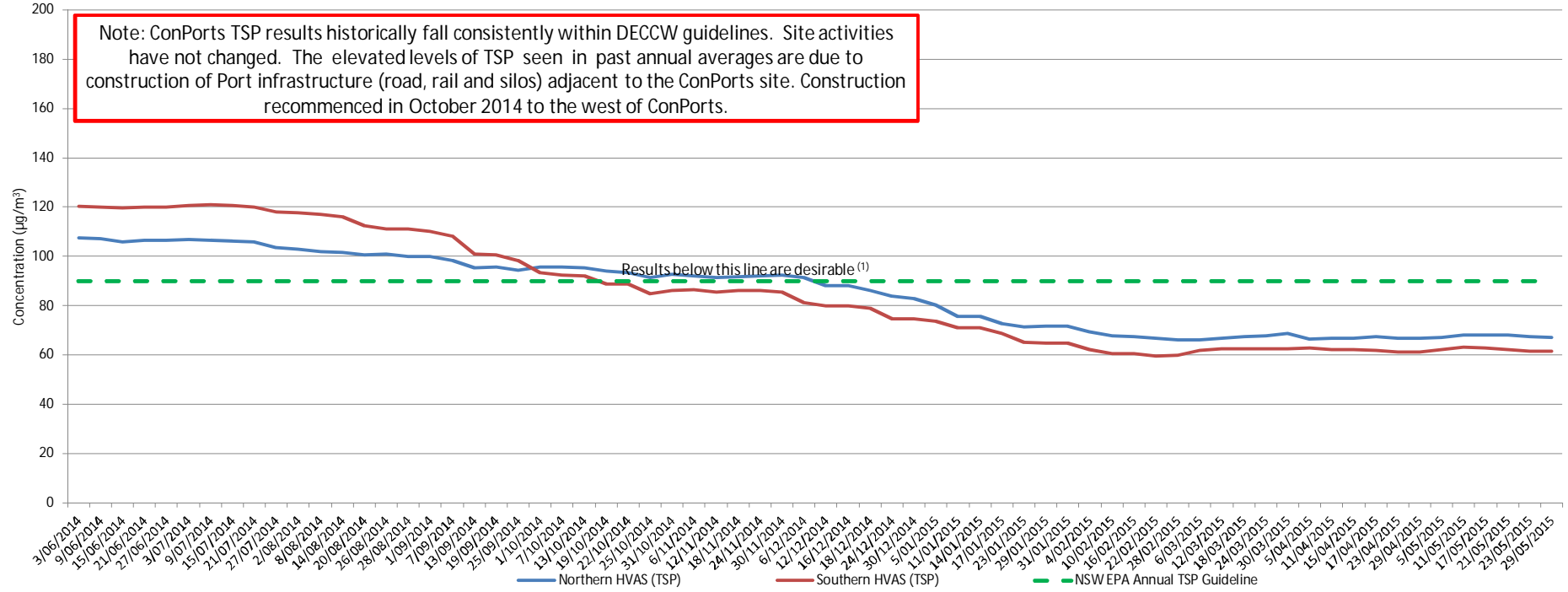
ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽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

Note: ConPorts TSP results historically fall consistently within DECCW guidelines. Site activities have not changed. The elevated levels of TSP seen in past annual averages are due to construction of Port infrastructure (road, rail and silos) adjacent to the ConPorts site. Construction recommenced in October 2014 to the west of ConPorts.



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

ConPorts Pty - Air Monitoring HVAS Results

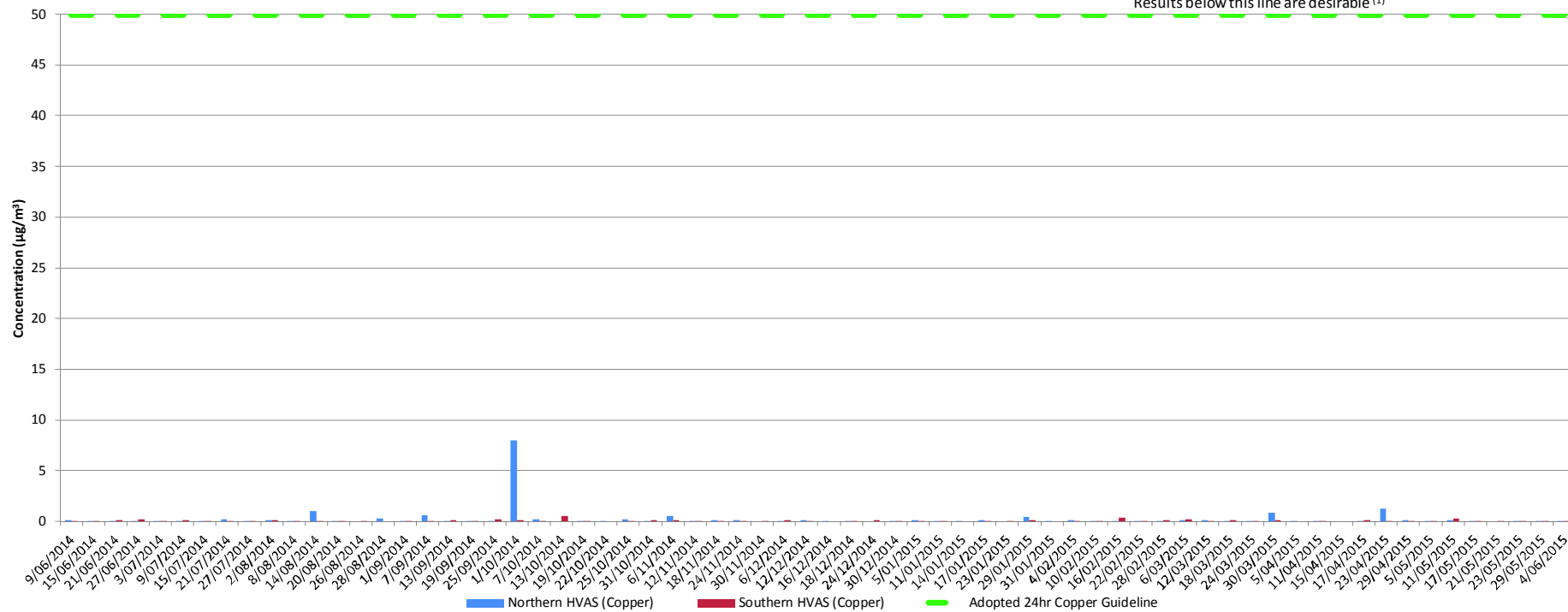
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	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
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	
3/07/2014	90.4	0.039	0.024	0.24	77.9	0.047	0.020	0.147	

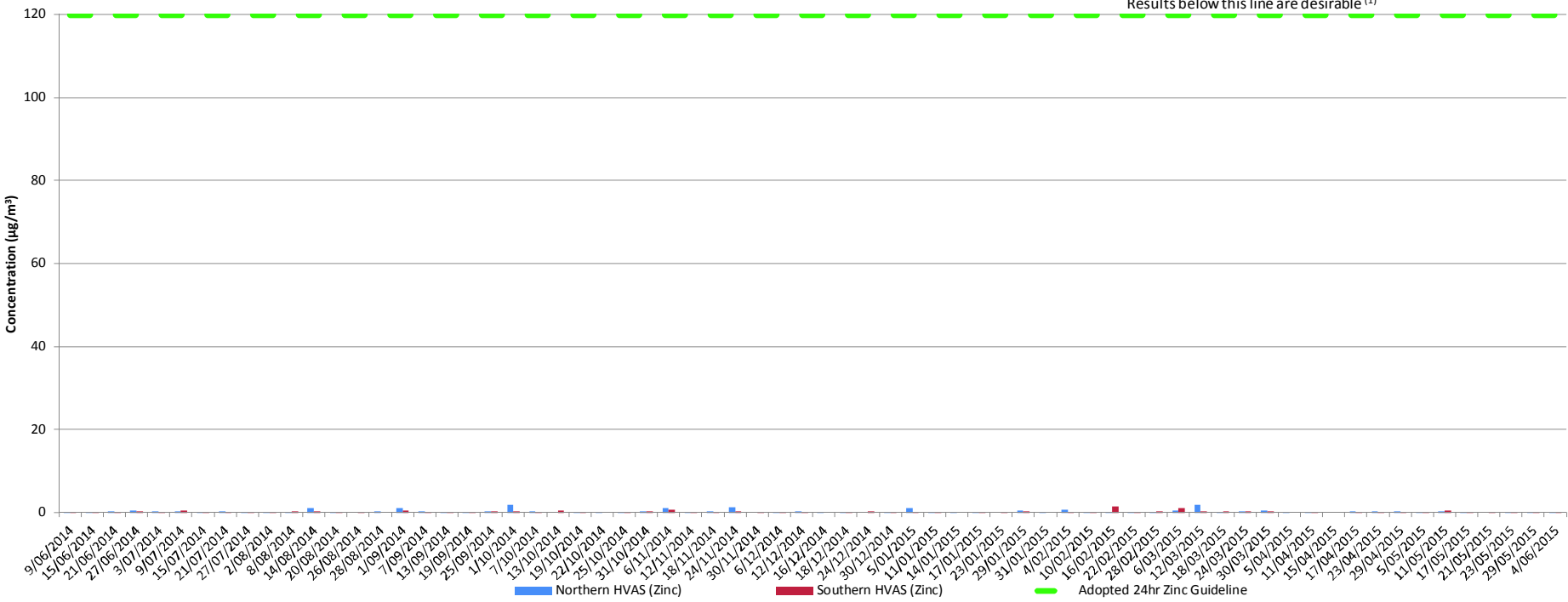
ConPorts Pty Ltd - 24 Hour Copper

Results below this line are desirable ⁽¹⁾



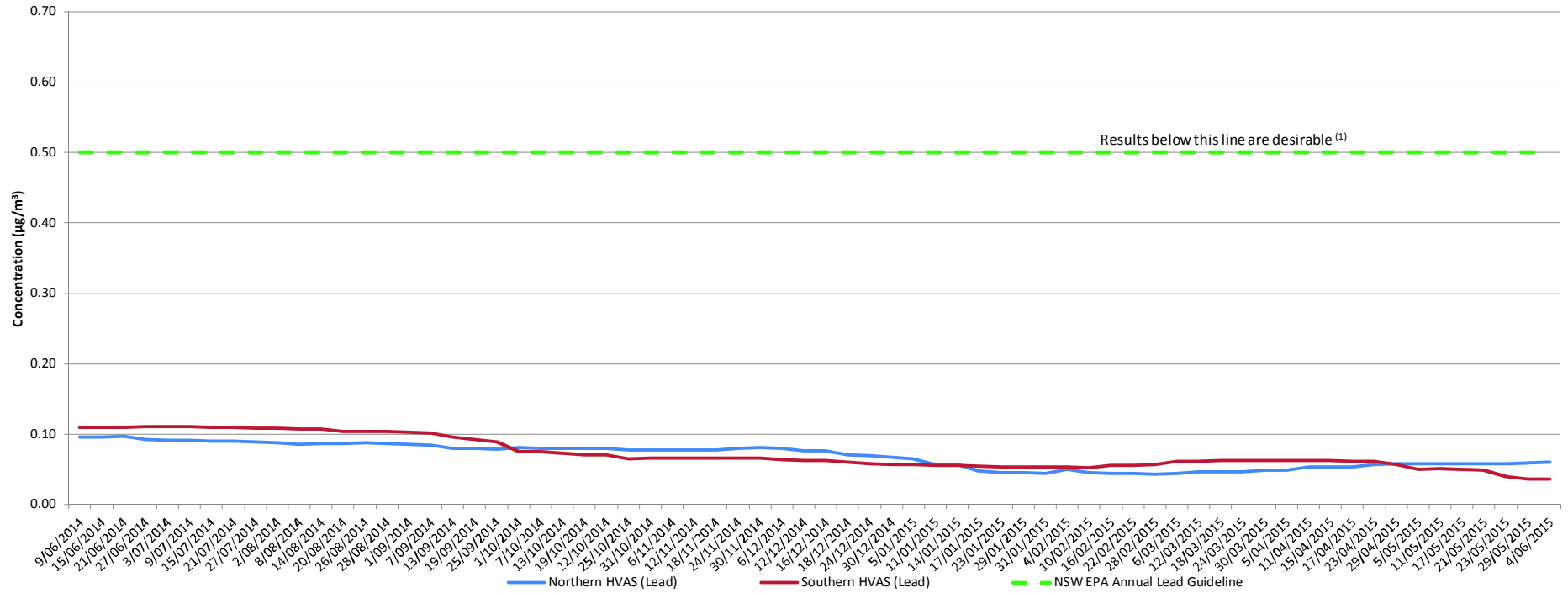
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Copper guideline

ConPorts Pty Ltd - 24 Hour Zinc



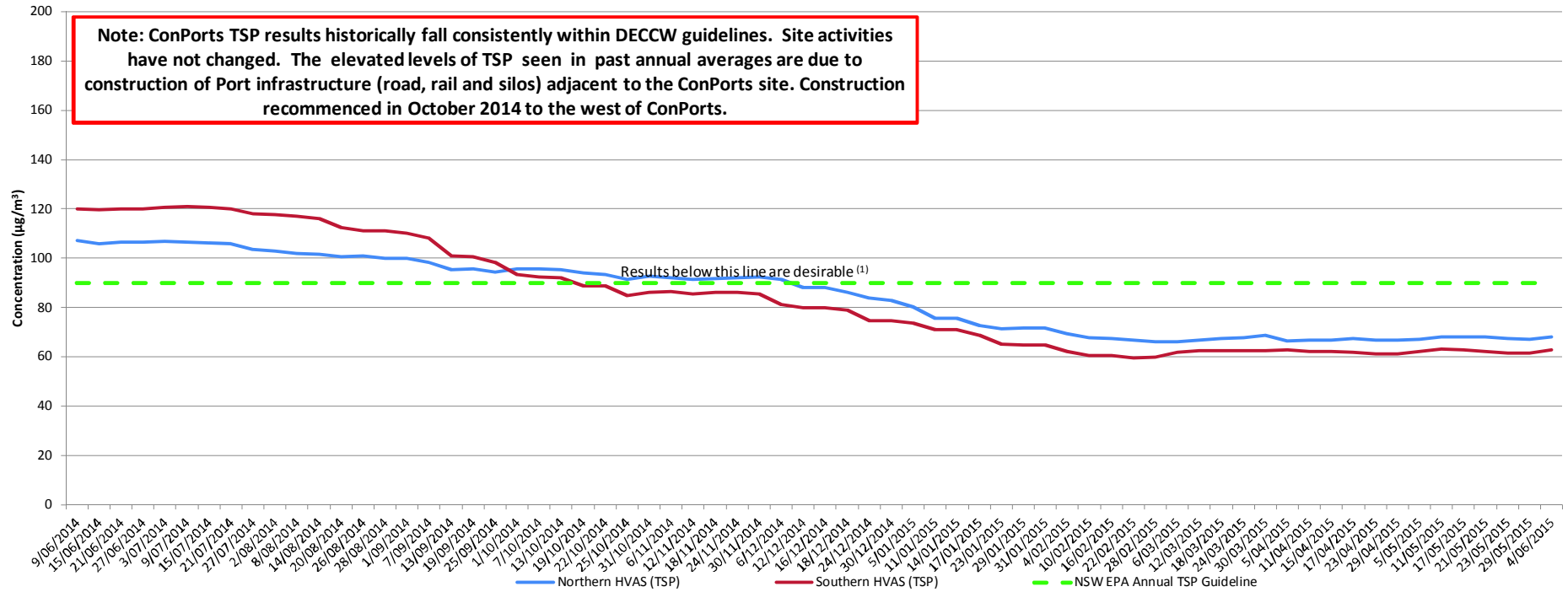
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽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

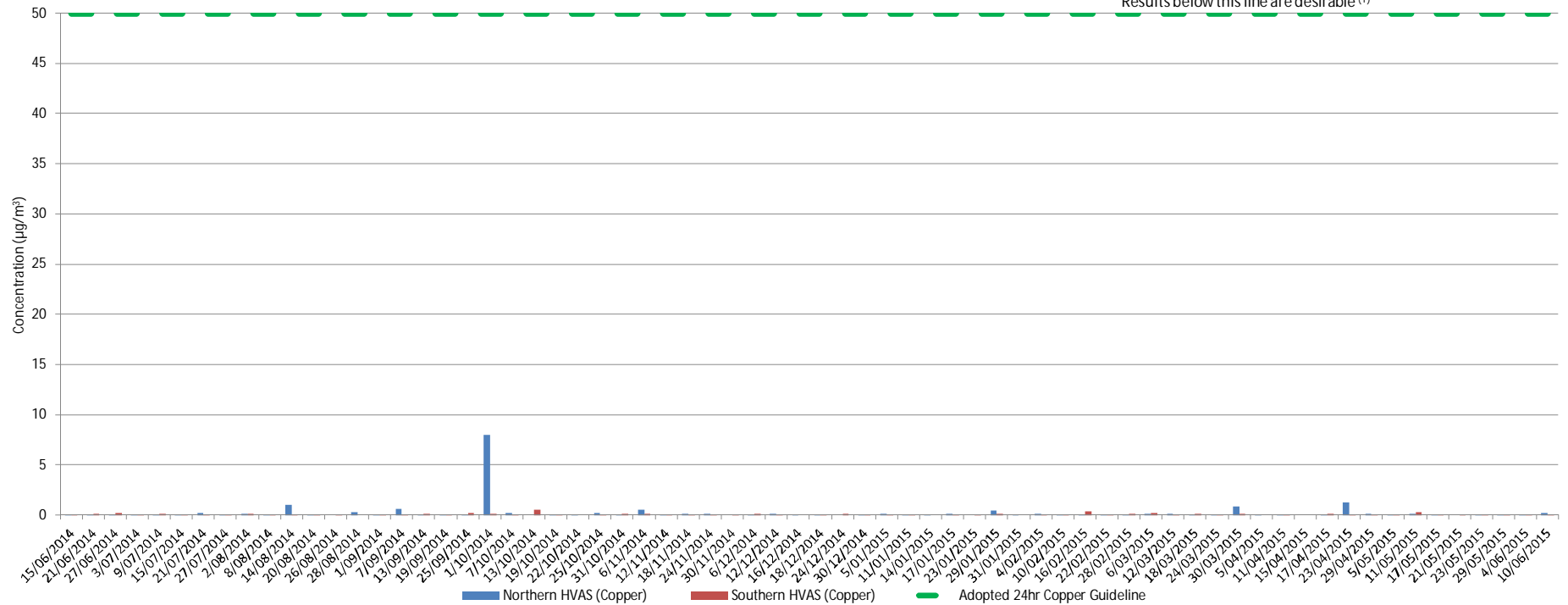
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
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17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
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5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
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12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
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16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
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30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
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12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	

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
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	
9/07/2014	99.8	0.044	0.029	0.35	89.0	0.158	0.039	0.429	

ConPorts Pty Ltd - 24 Hour Copper

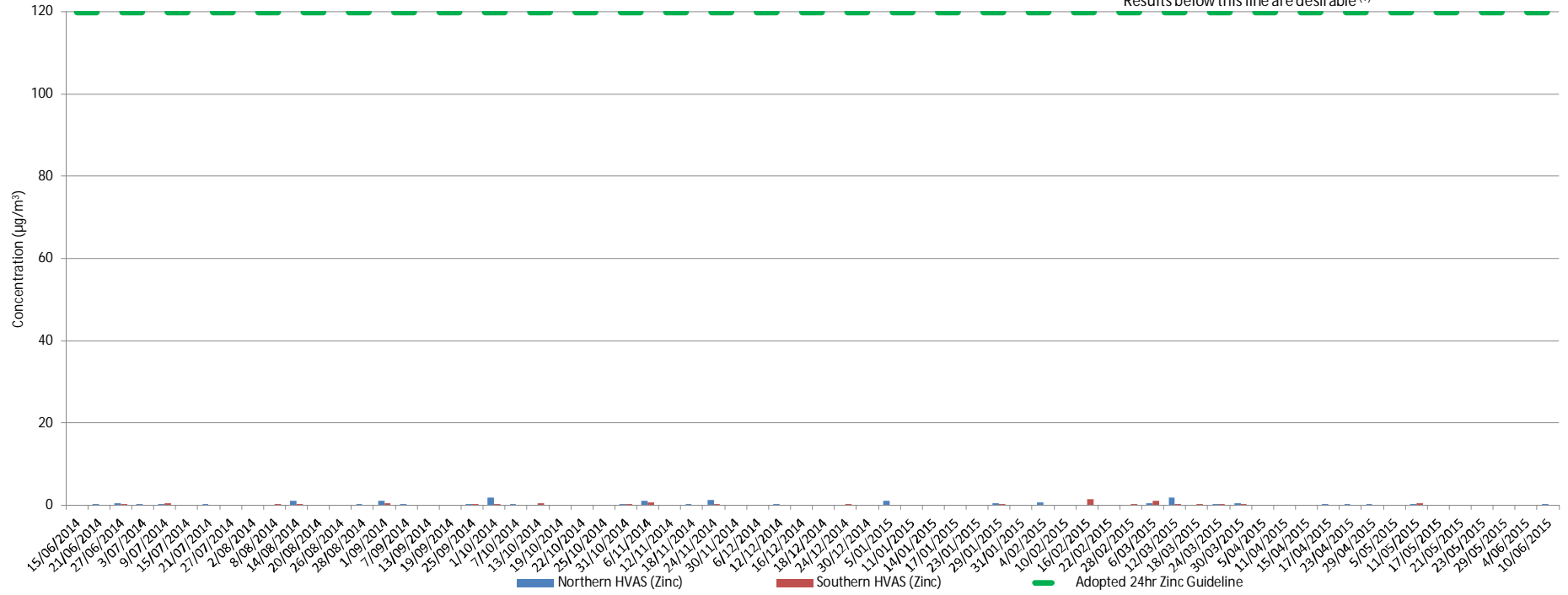
Results below this line are desirable ⁽¹⁾



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

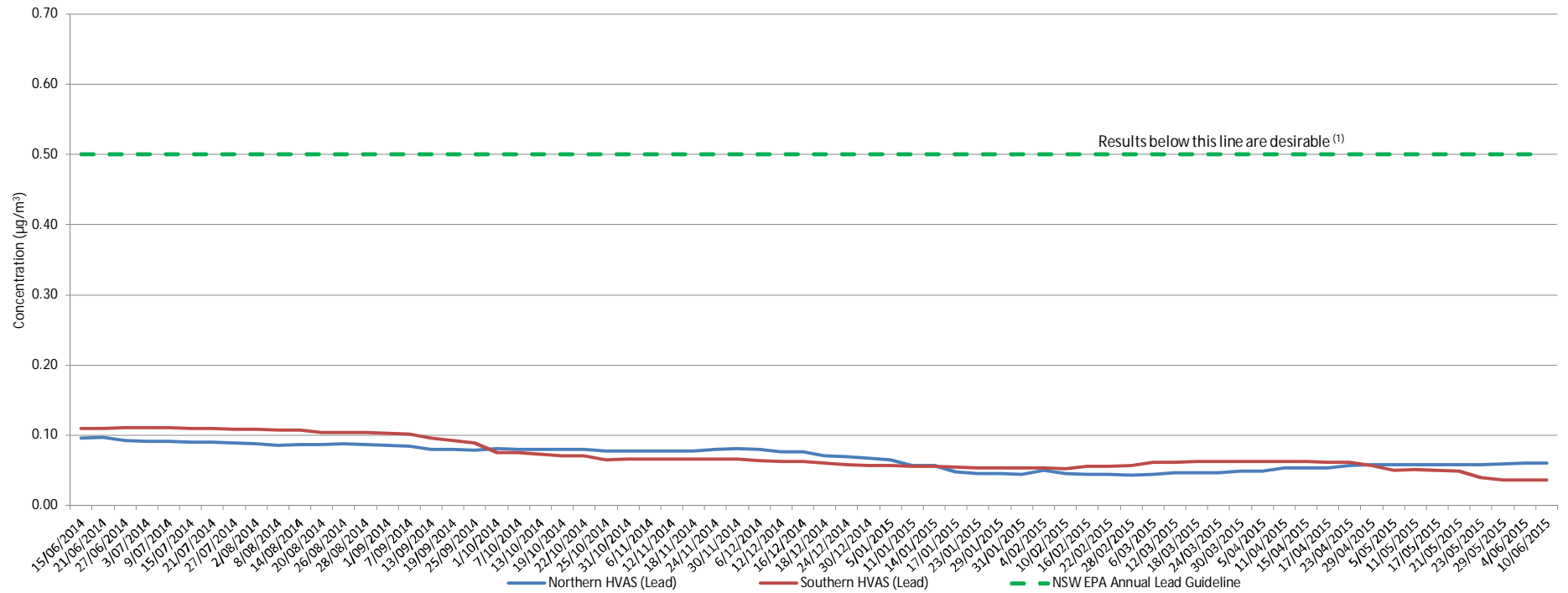
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



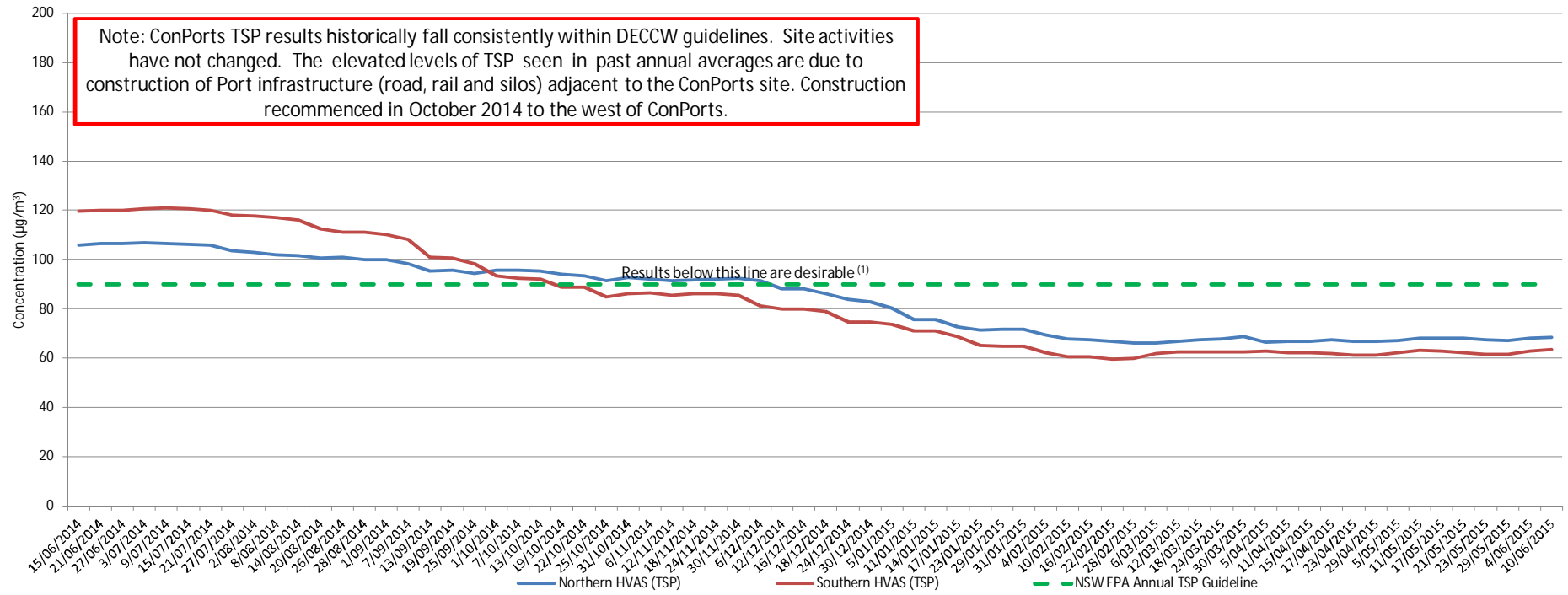
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

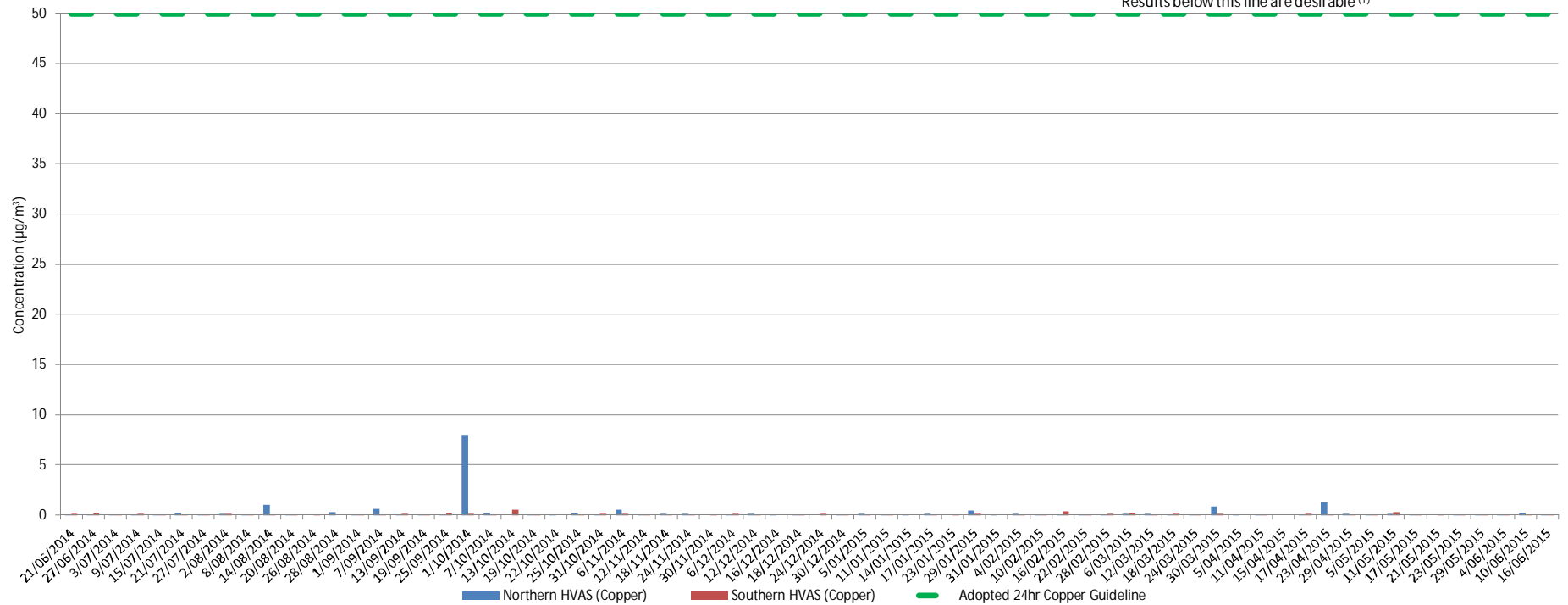
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	DNR	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day

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	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	
15/07/2014	56.3	0.018	0.013	0.20	49.3	0.031	0.013	0.142	

ConPorts Pty Ltd - 24 Hour Copper

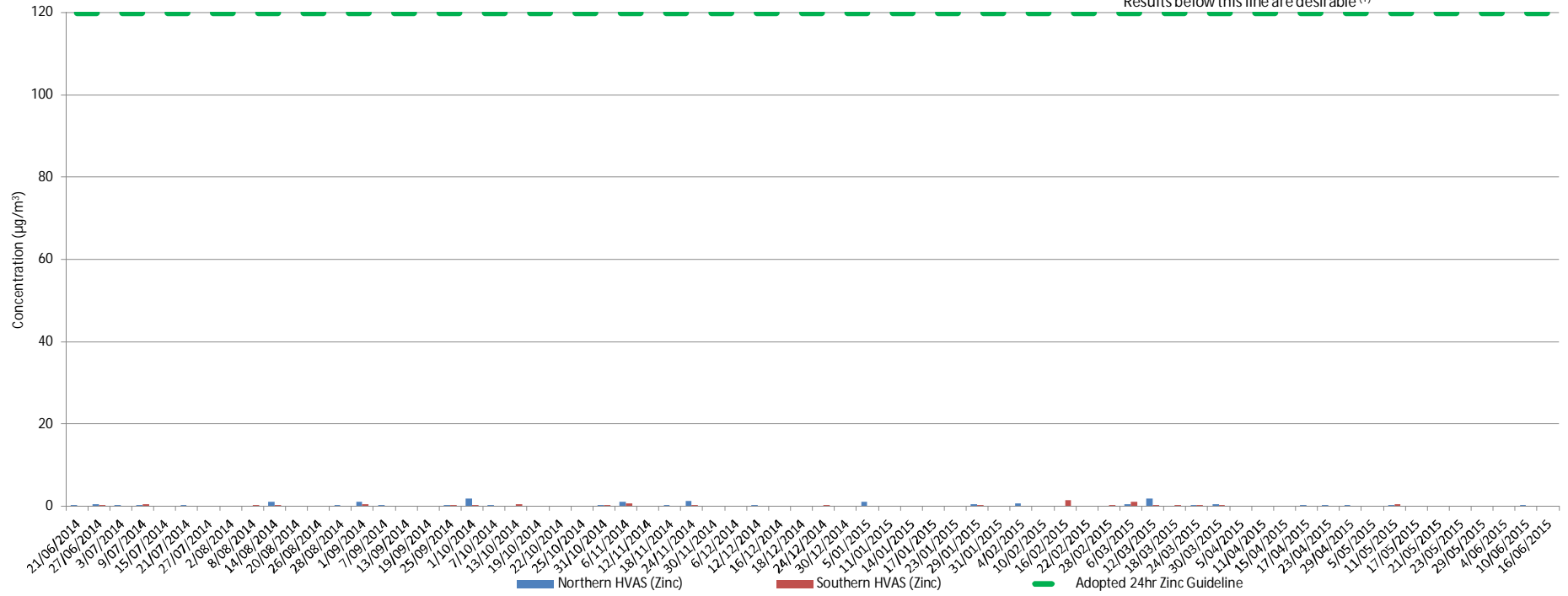
Results below this line are desirable ⁽¹⁾



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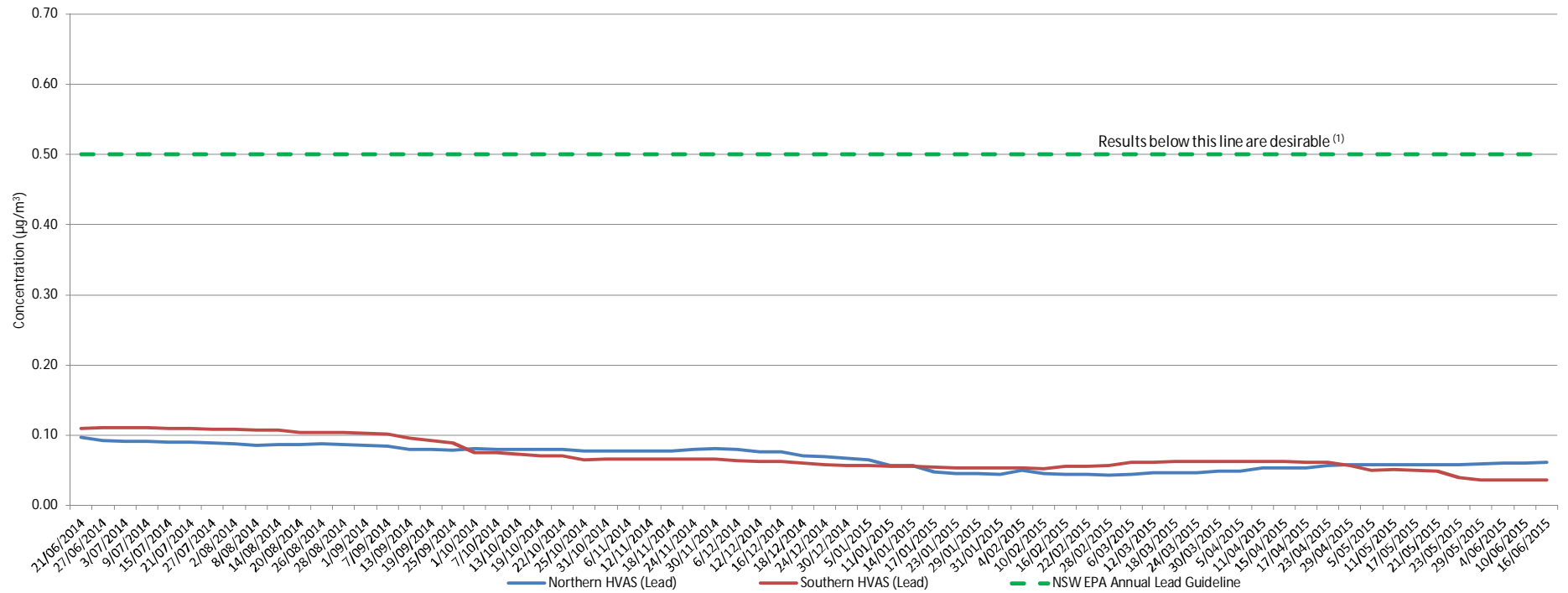
ConPorts Pty Ltd - 24 Hour Zinc

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

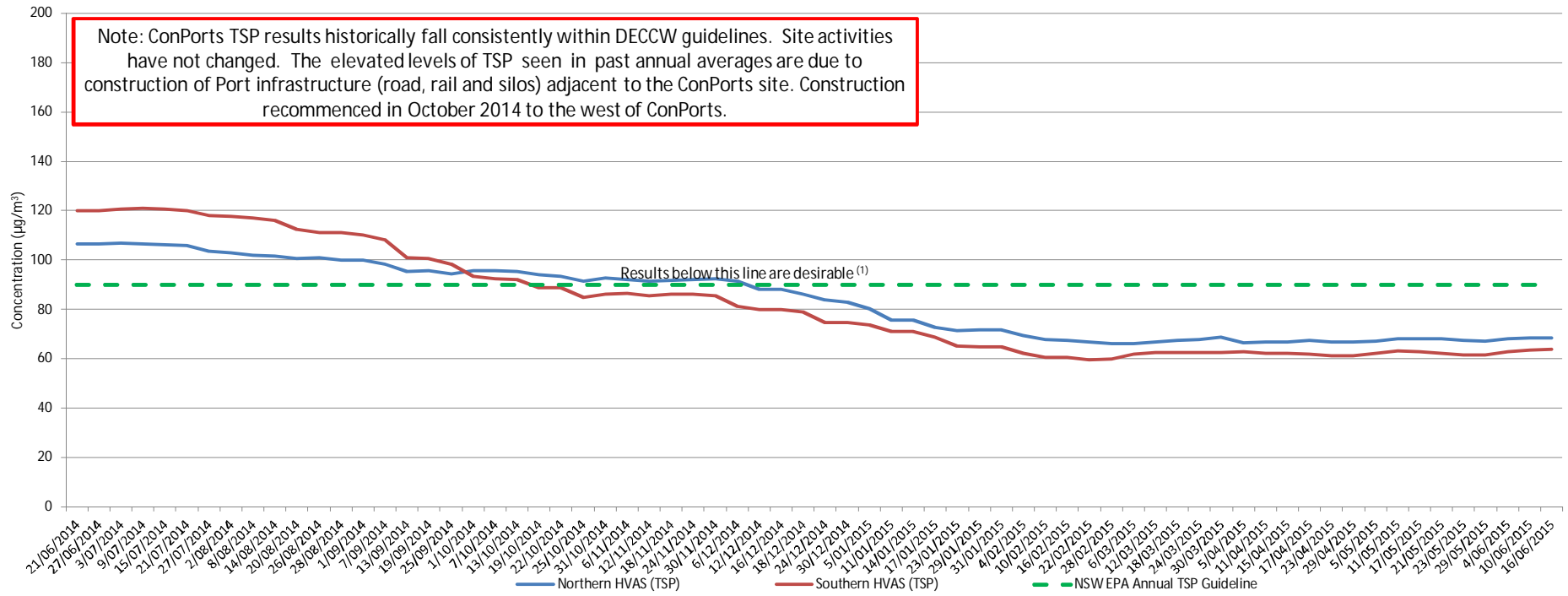
ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(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

Note: ConPorts TSP results historically fall consistently within DECCW guidelines. Site activities have not changed. The elevated levels of TSP seen in past annual averages are due to construction of Port infrastructure (road, rail and silos) adjacent to the ConPorts site. Construction recommenced in October 2014 to the west of ConPorts.



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

ConPorts Pty - Air Monitoring HVAS Results

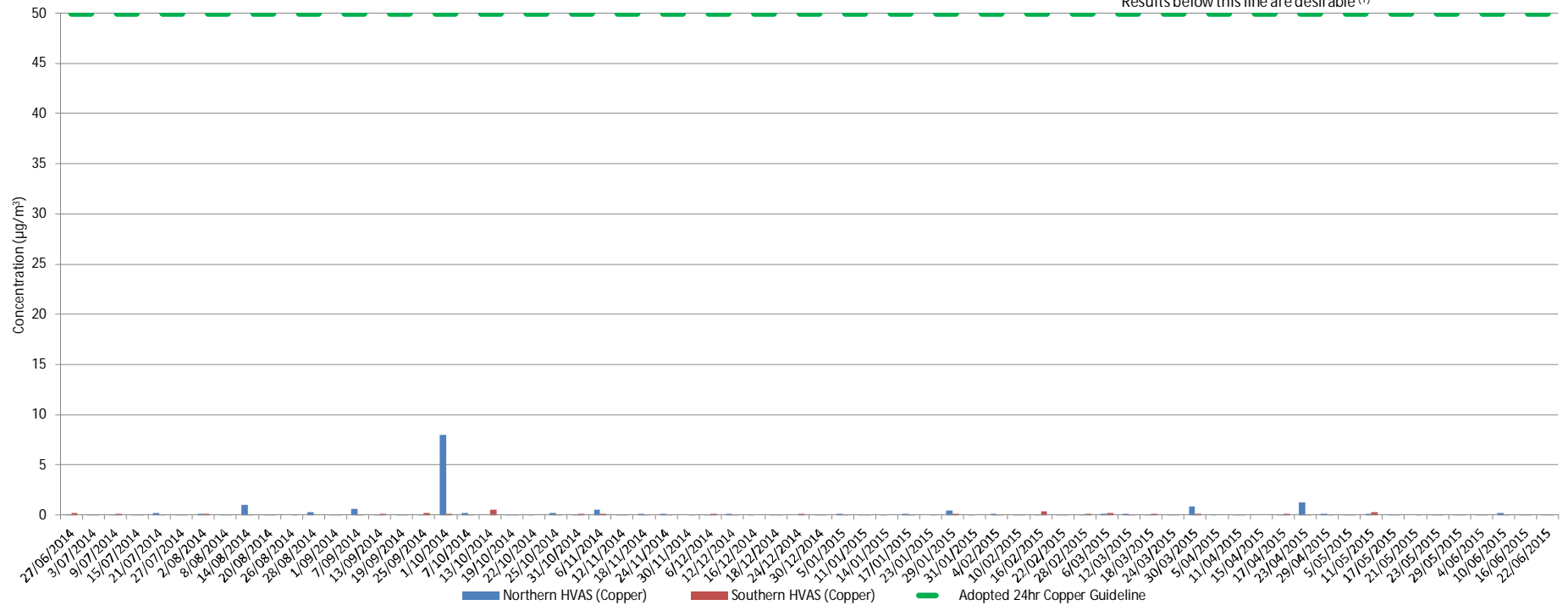
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	

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
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	
21/07/2014	40.4	0.191	0.025	0.35	39.8	0.035	0.009	0.074	

ConPorts Pty Ltd - 24 Hour Copper

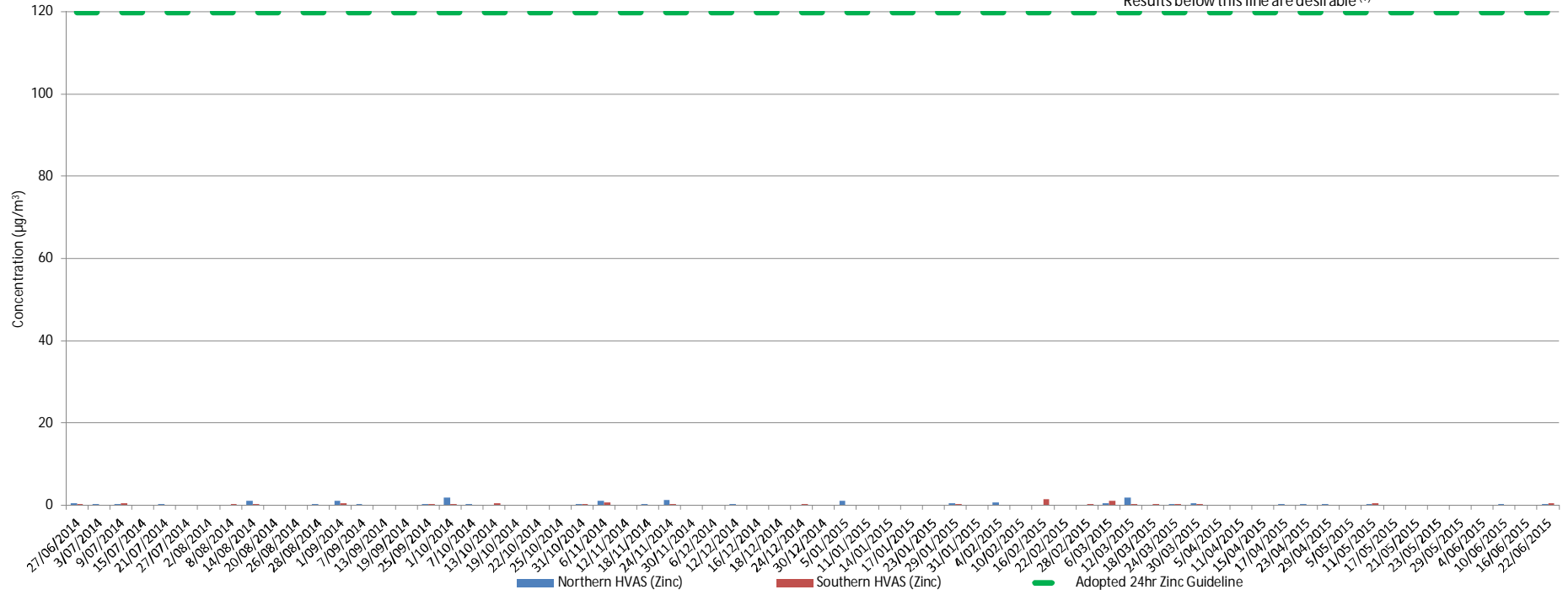
Results below this line are desirable ⁽¹⁾



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

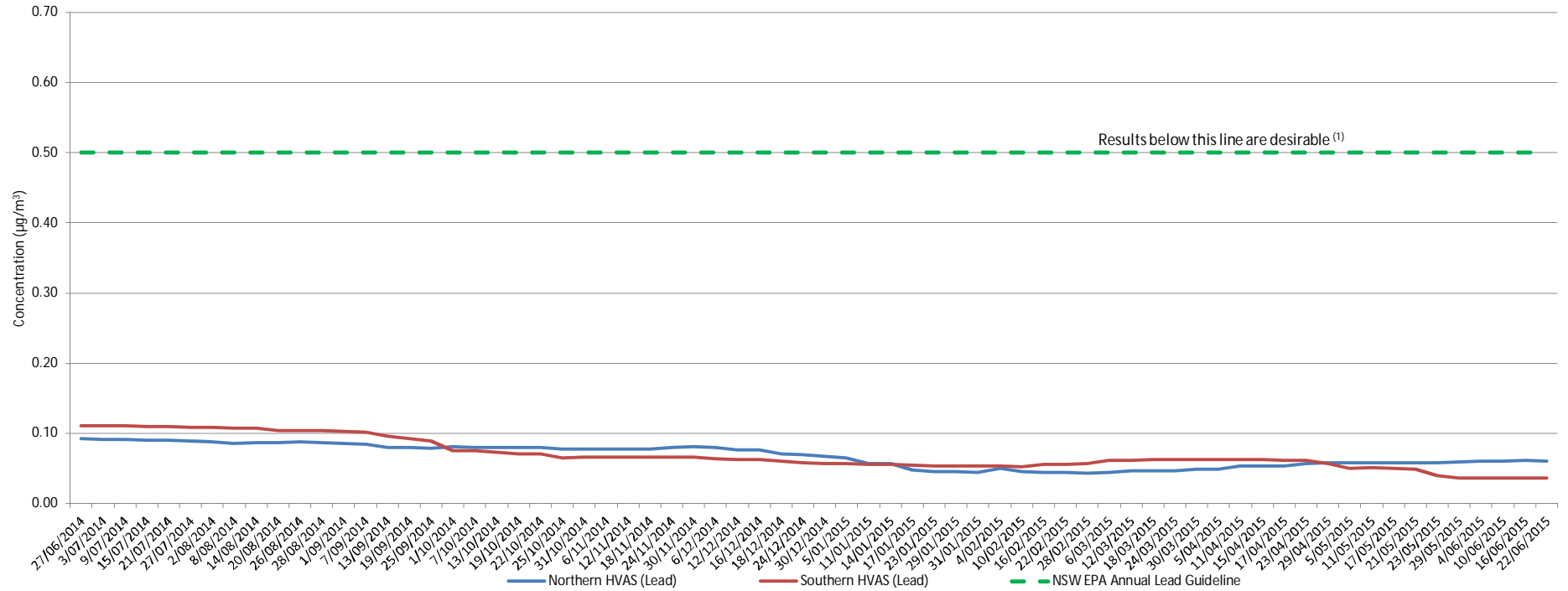
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



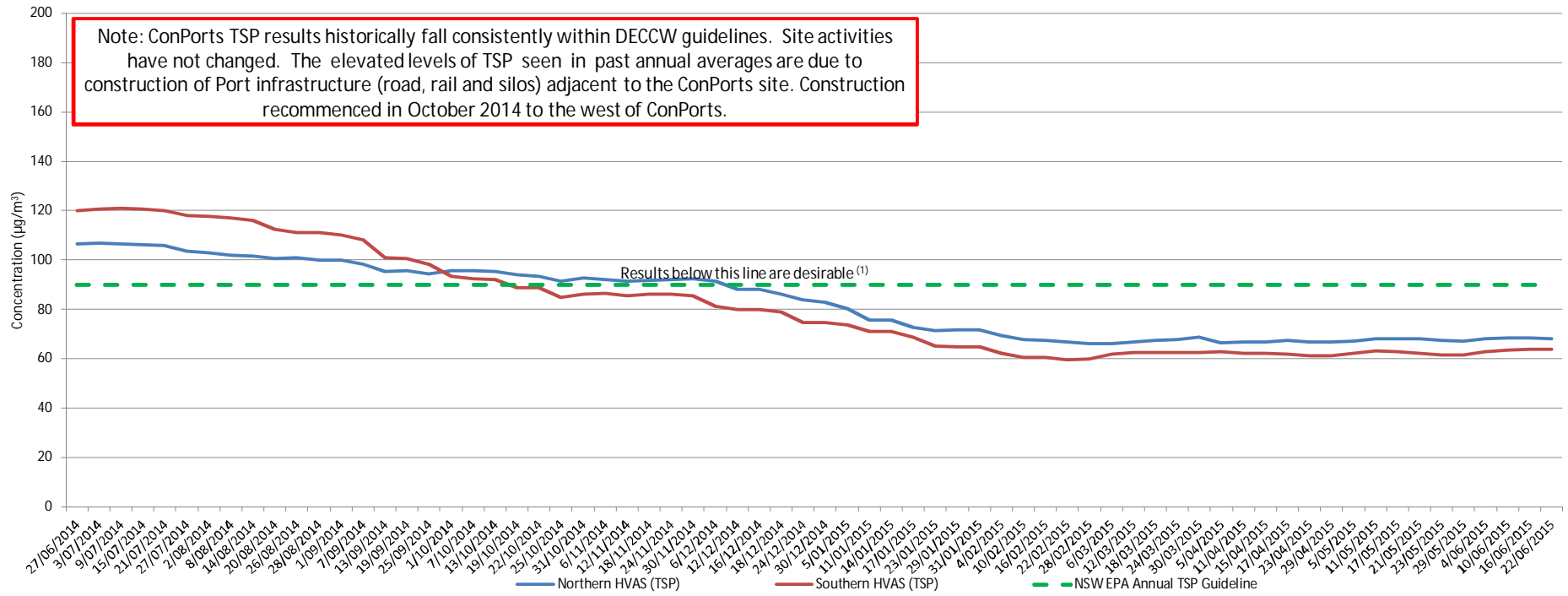
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

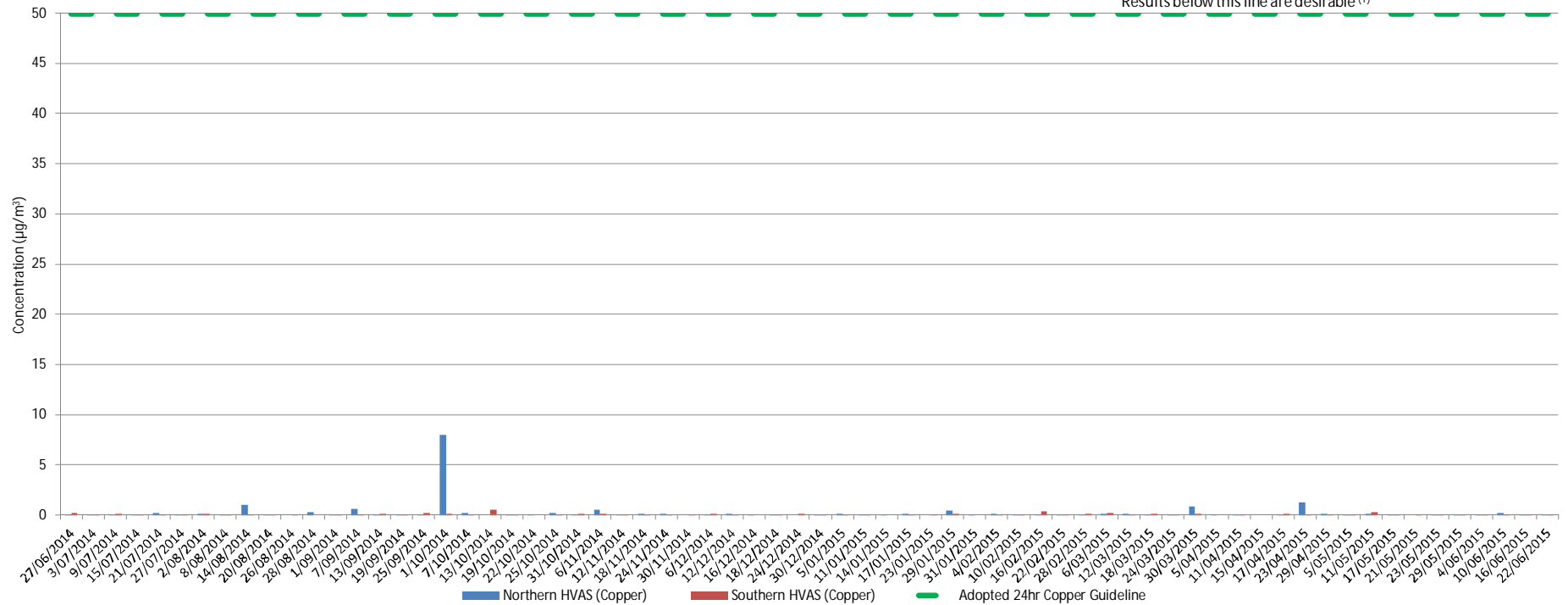
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	

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
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	
27/07/2014	26.0	0.047	0.031	0.08	23.9	0.039	0.024	0.089	

ConPorts Pty Ltd - 24 Hour Copper

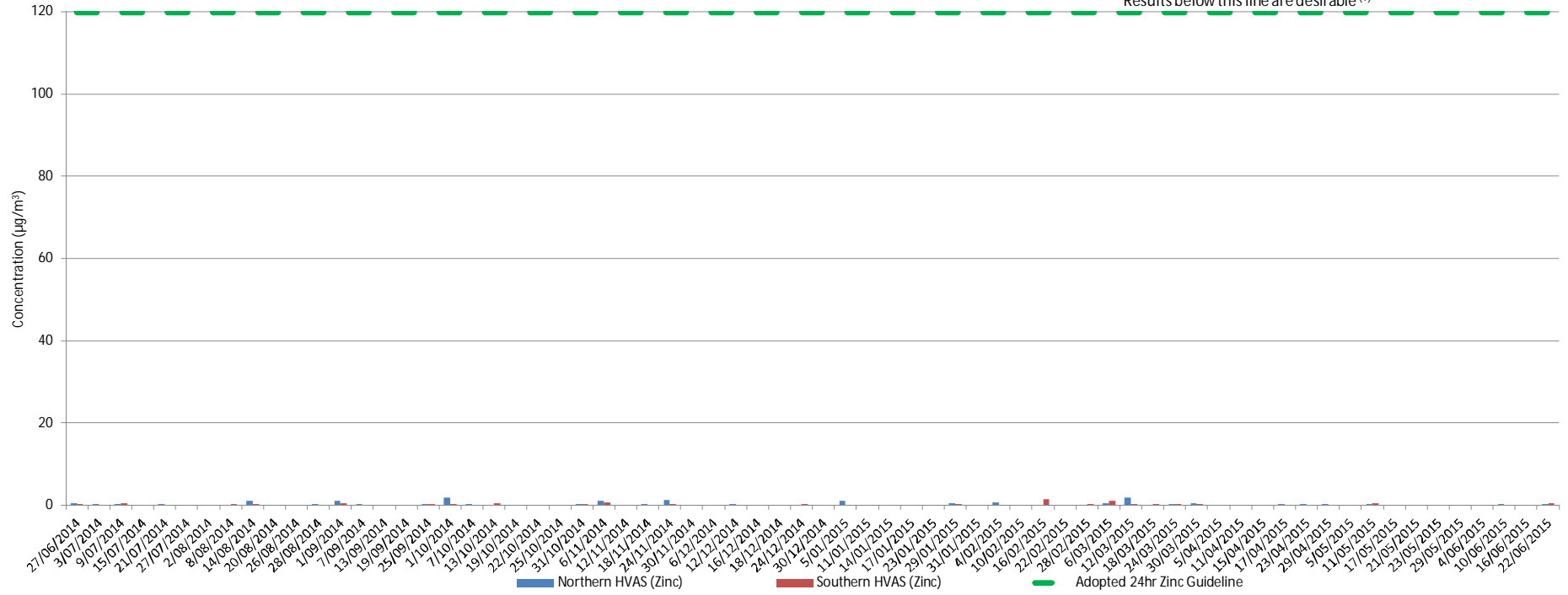
Results below this line are desirable ⁽¹⁾



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

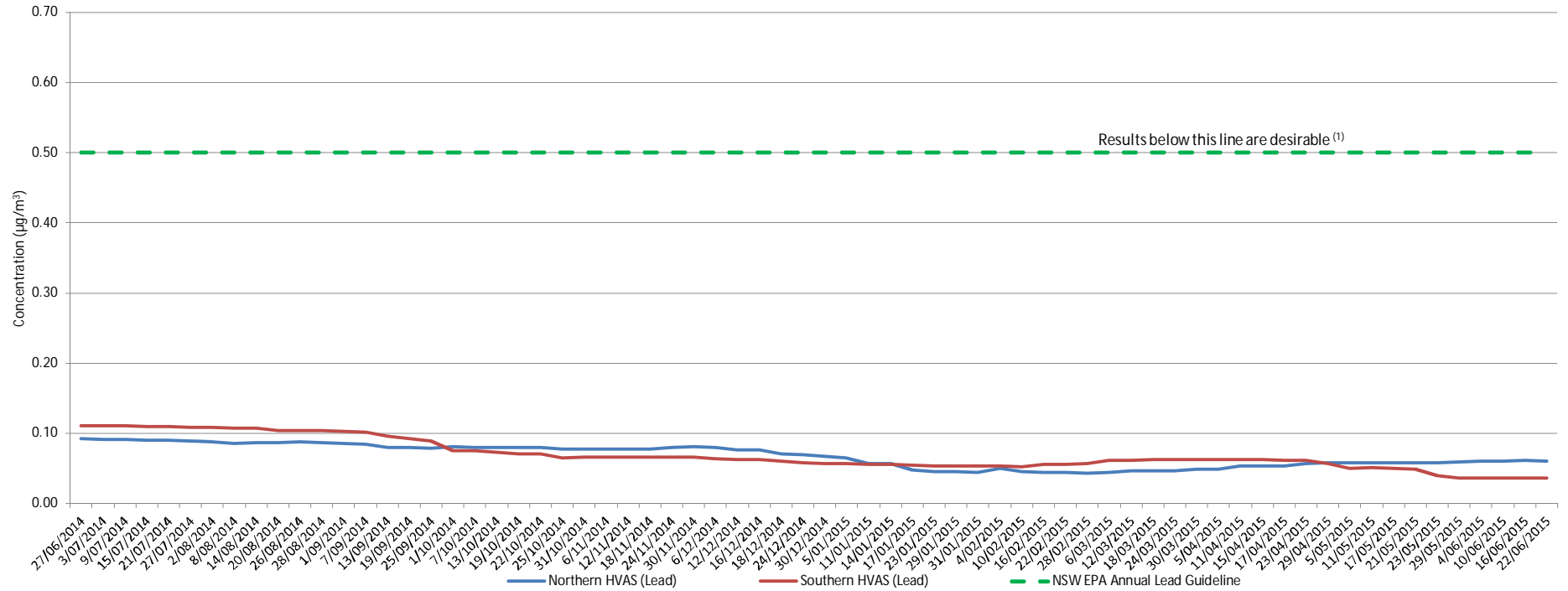
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



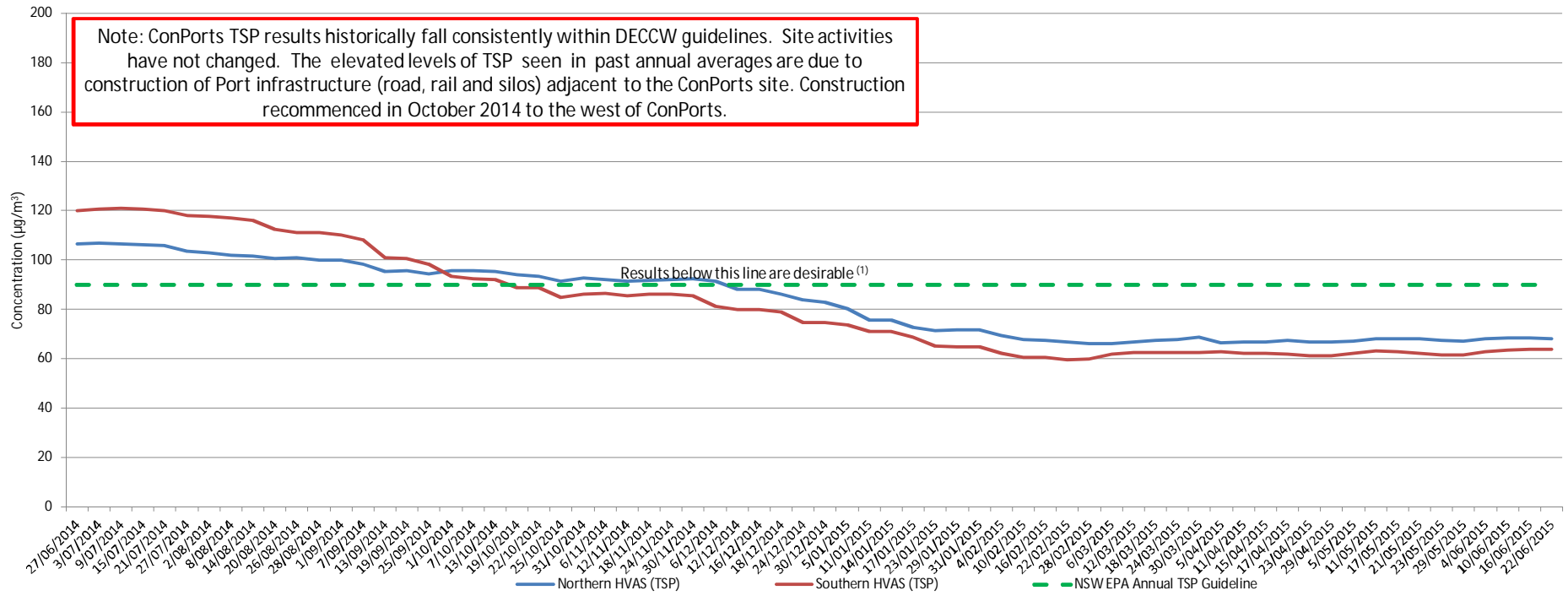
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

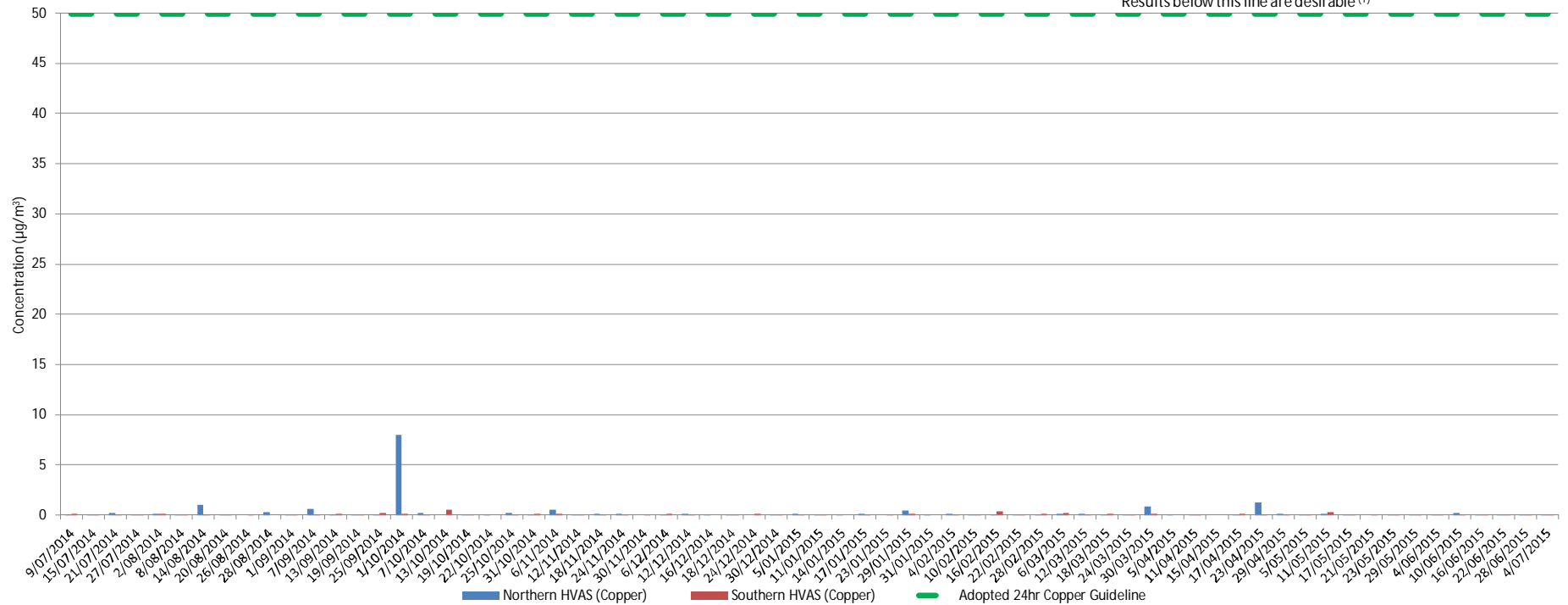
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North 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
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	
2/08/2014	52.2	0.138	0.015	0.12	57.6	0.164	0.016	0.189	

ConPorts Pty Ltd - 24 Hour Copper

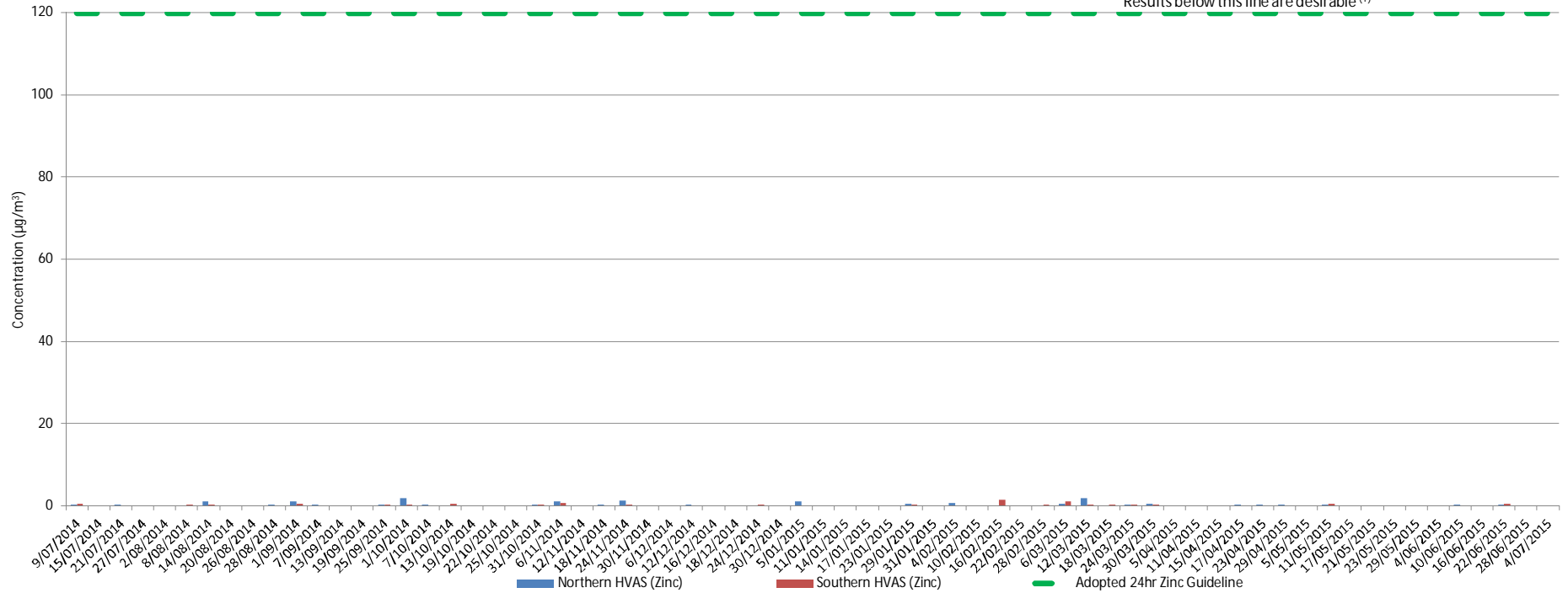
Results below this line are desirable ⁽¹⁾



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

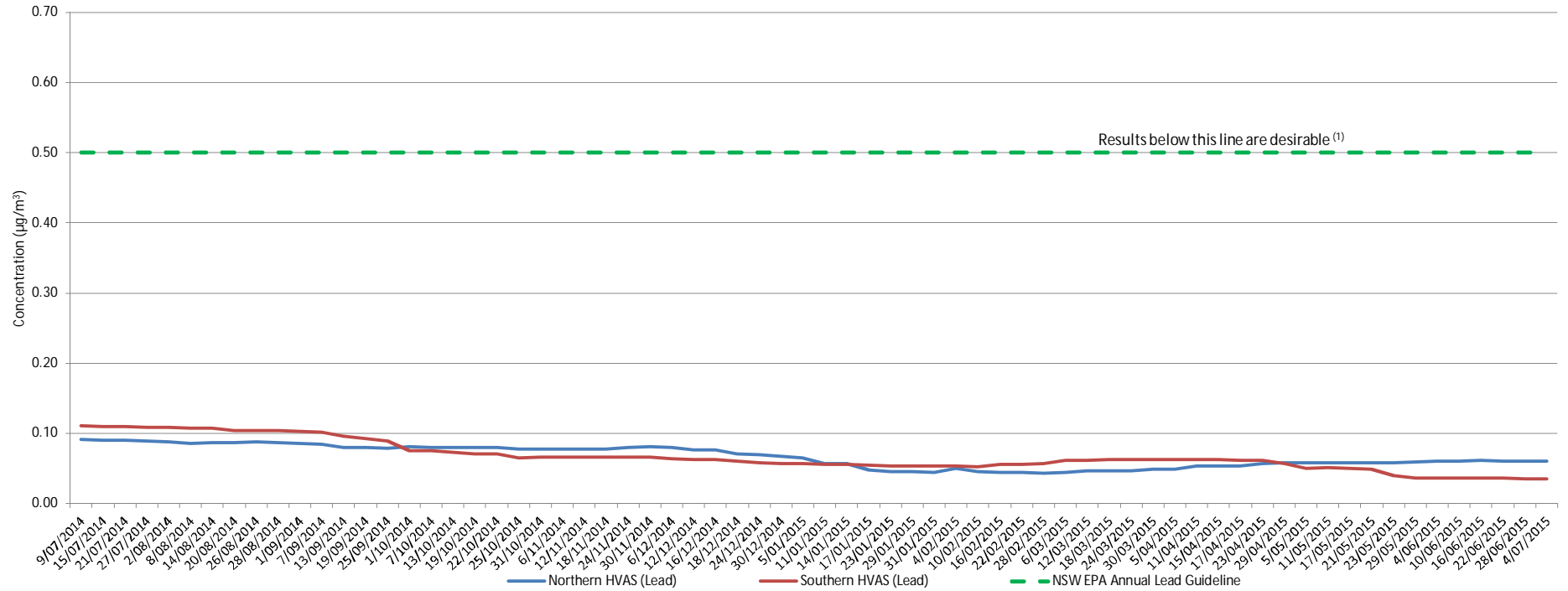
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



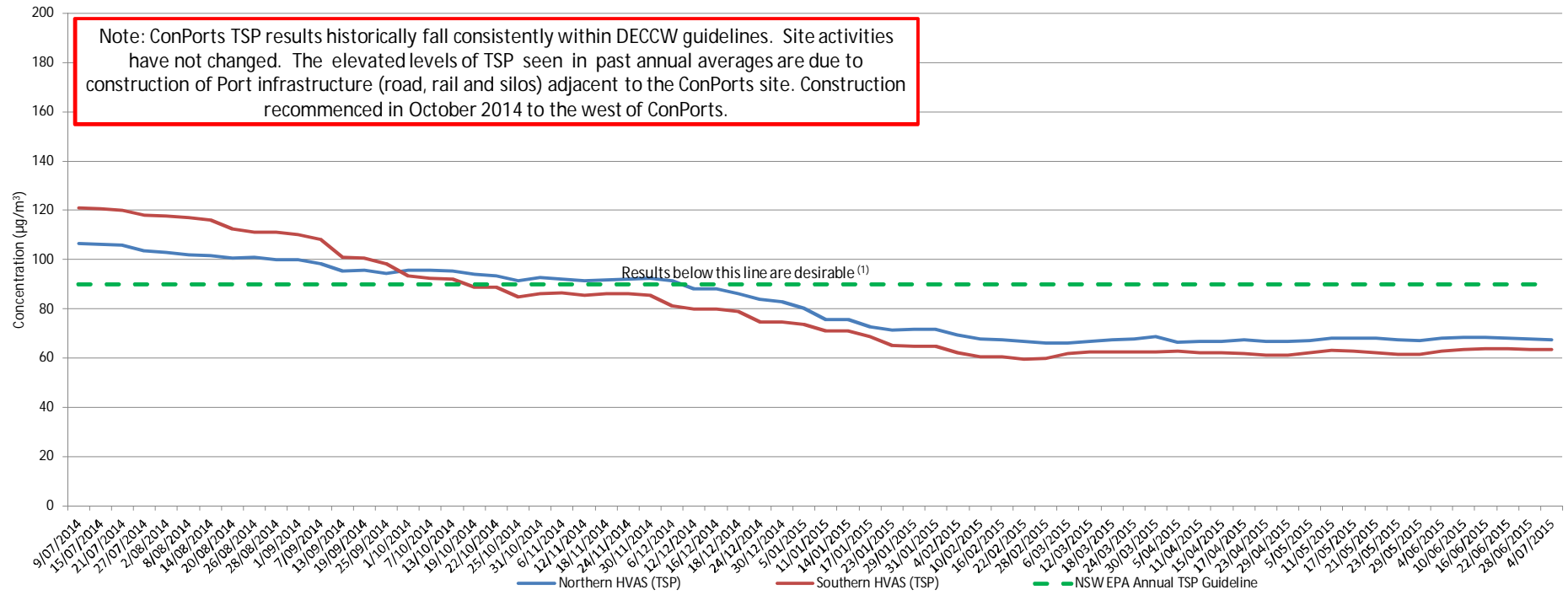
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

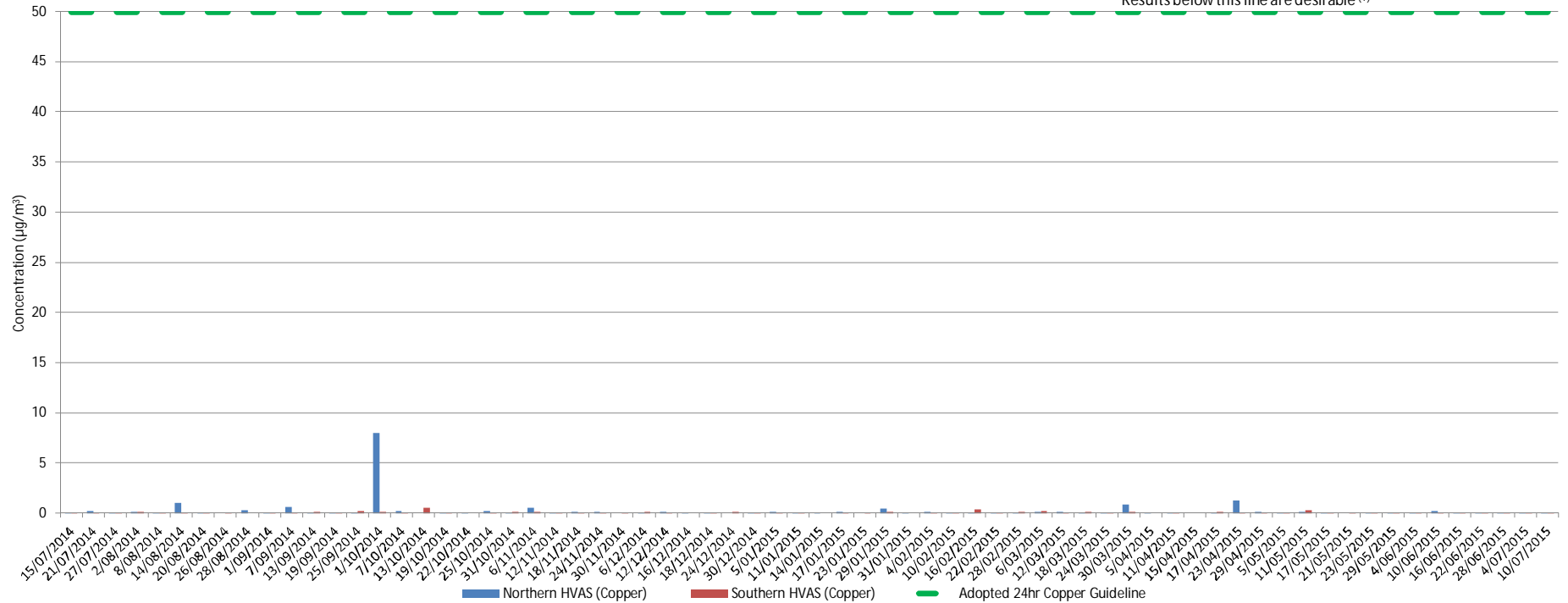
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	DNR	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	

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
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222	
8/08/2014	62.7	0.047	0.026	0.16	54.4	0.050	0.028	0.231	

ConPorts Pty Ltd - 24 Hour Copper

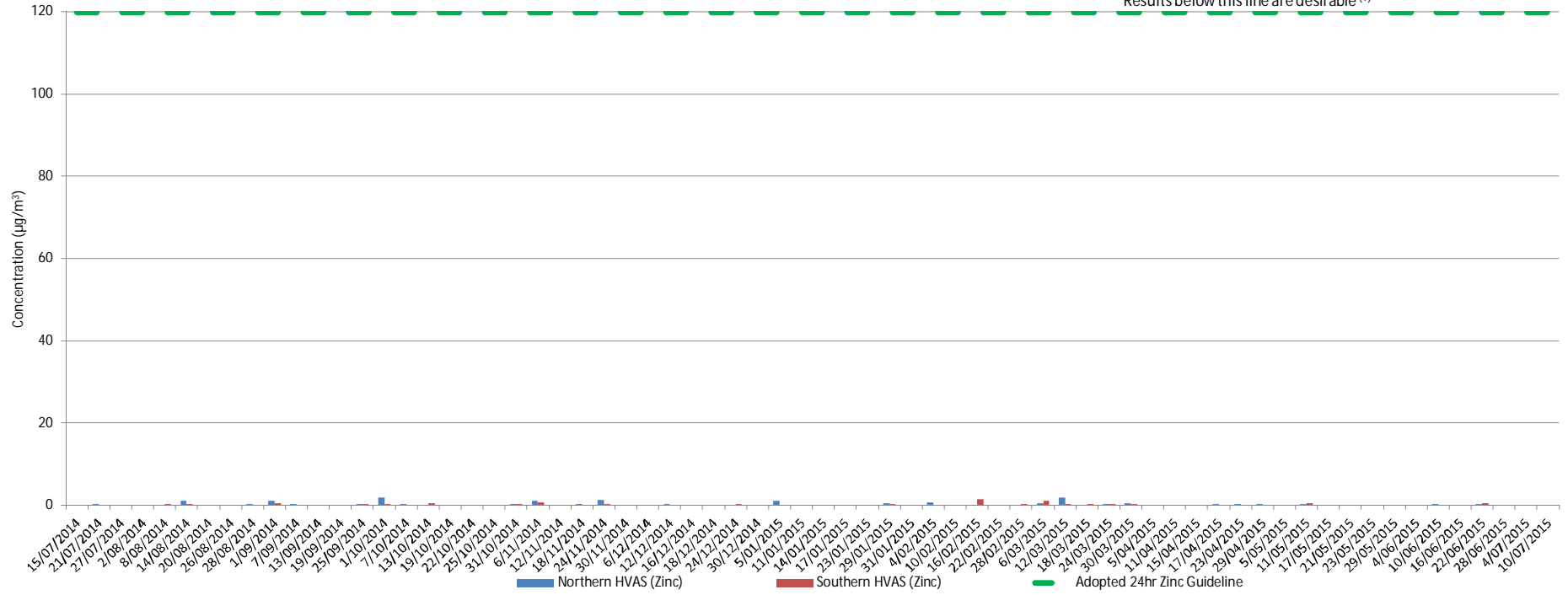
Results below this line are desirable ⁽¹⁾



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

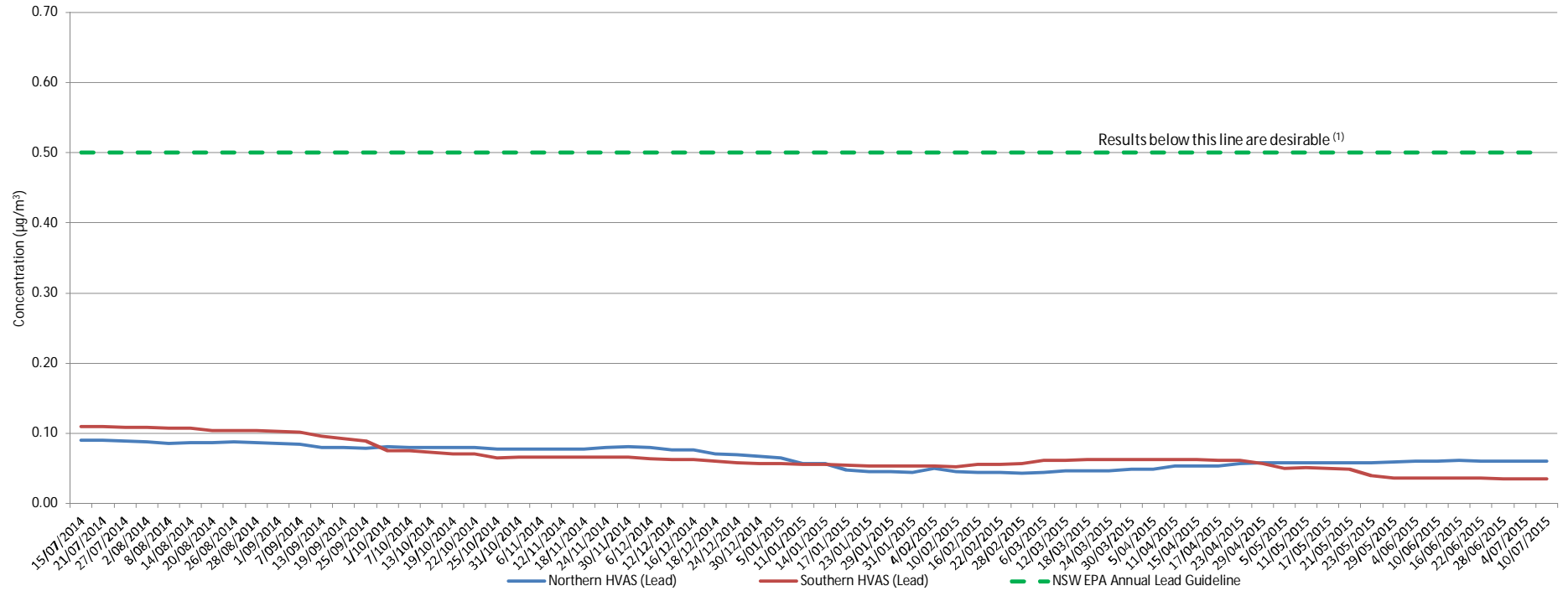
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



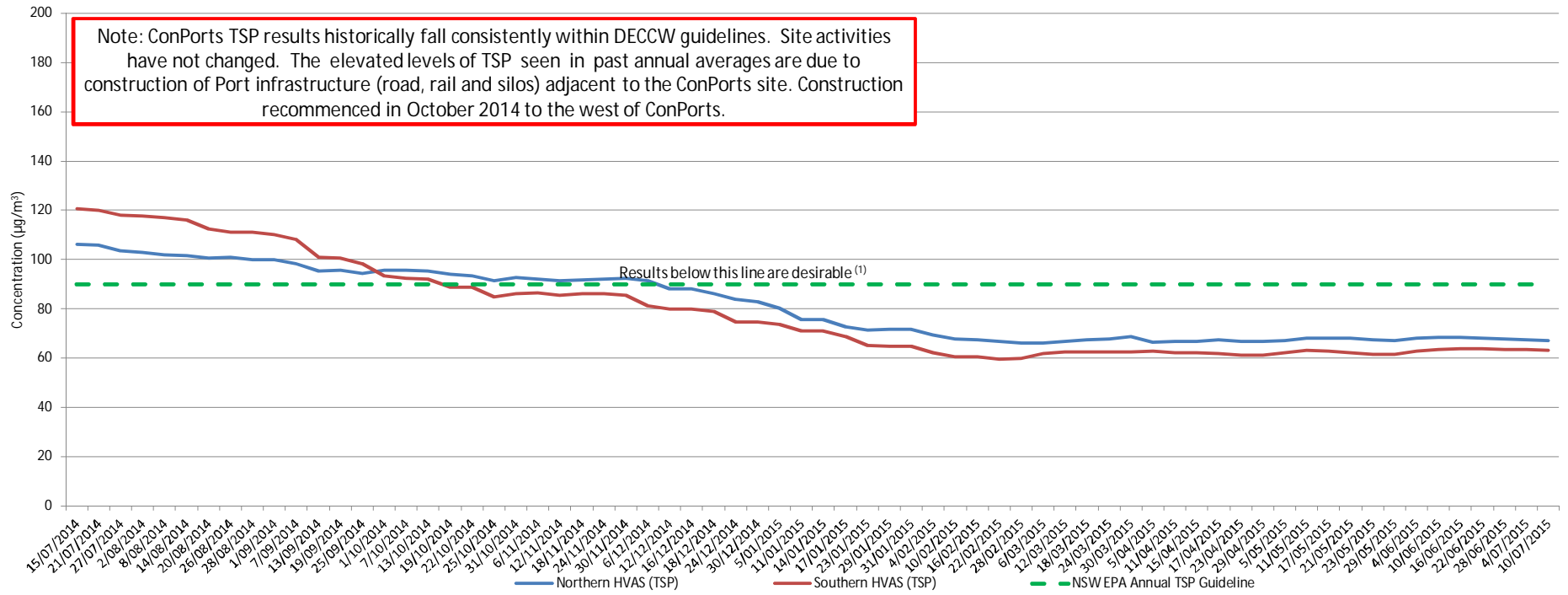
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

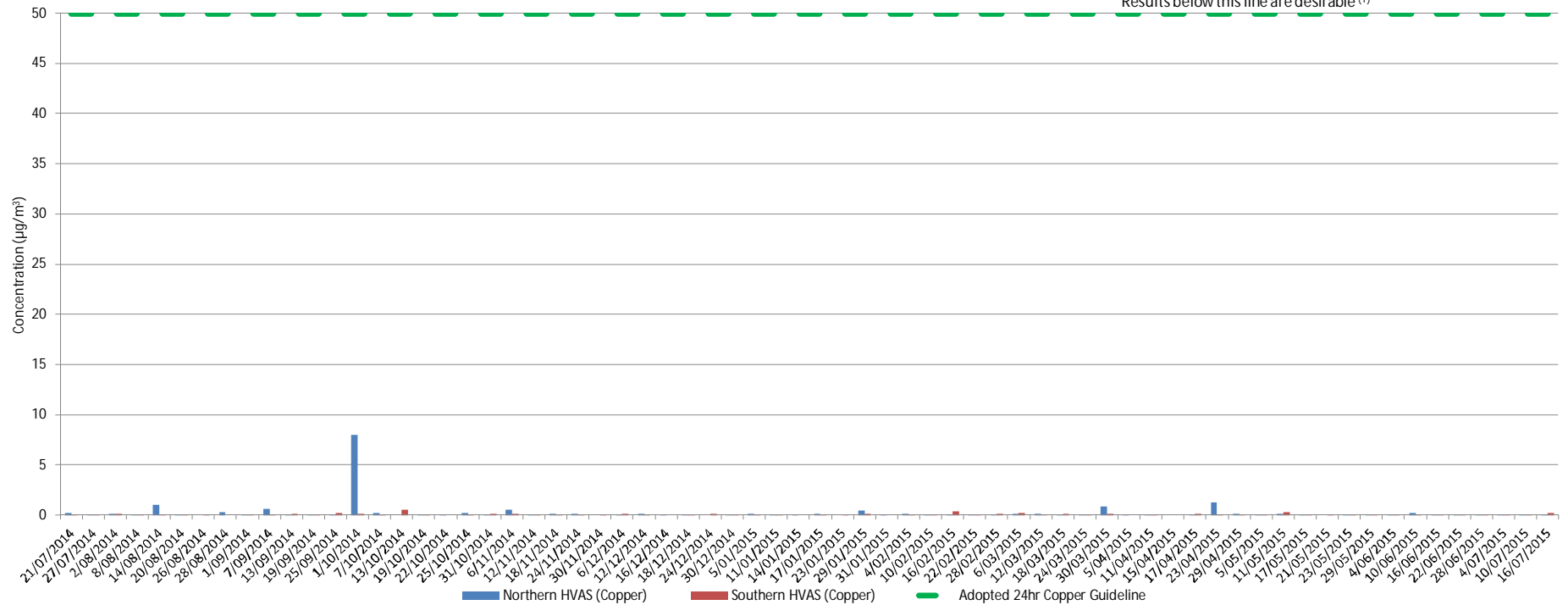
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.

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

HVAS Run Date	North HVAS				South HVAS			South HVAS		Data Comments
	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc		
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day	
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232		
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200		
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110		
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724		
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323		
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095		
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.	
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045		
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run	
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159		
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214		
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252		
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110		
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092		
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038		
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408		
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.	
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.	
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038		
14/08/2014	51.1	1.040	0.085	1.03	28.9	0.080	0.022	0.222		

ConPorts Pty Ltd - 24 Hour Copper

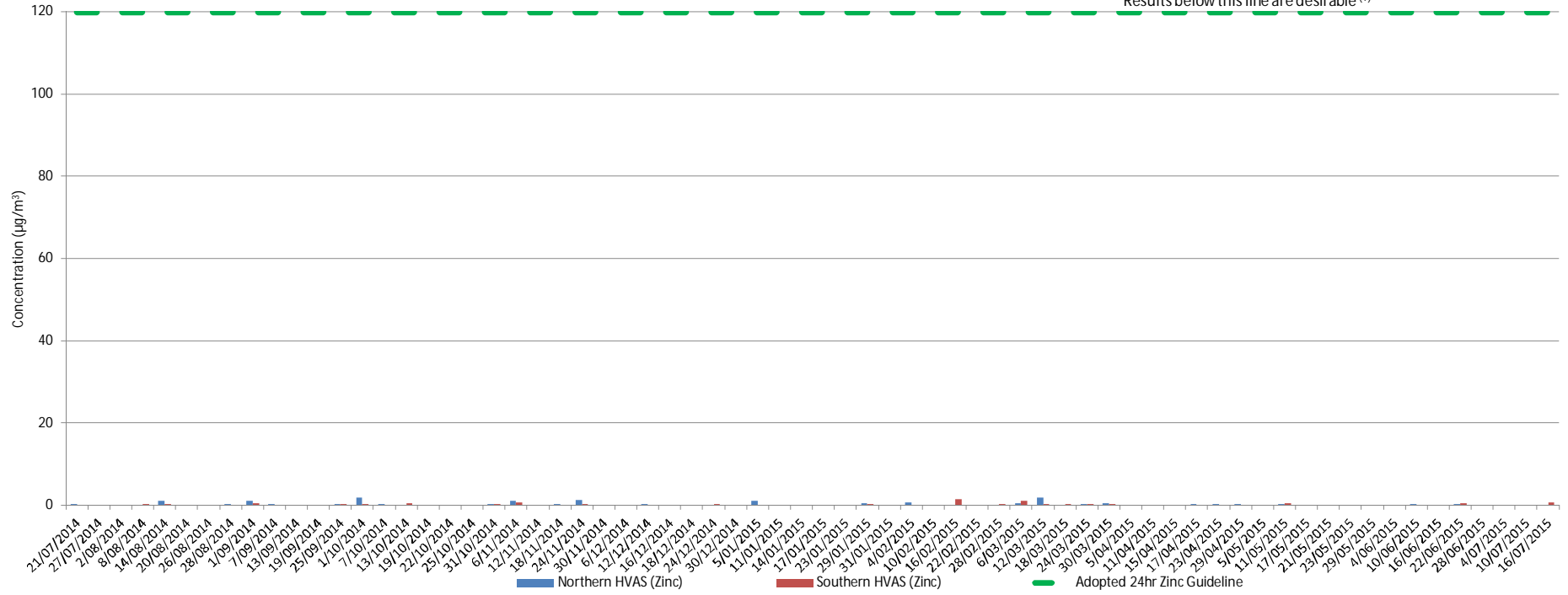
Results below this line are desirable ⁽¹⁾



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

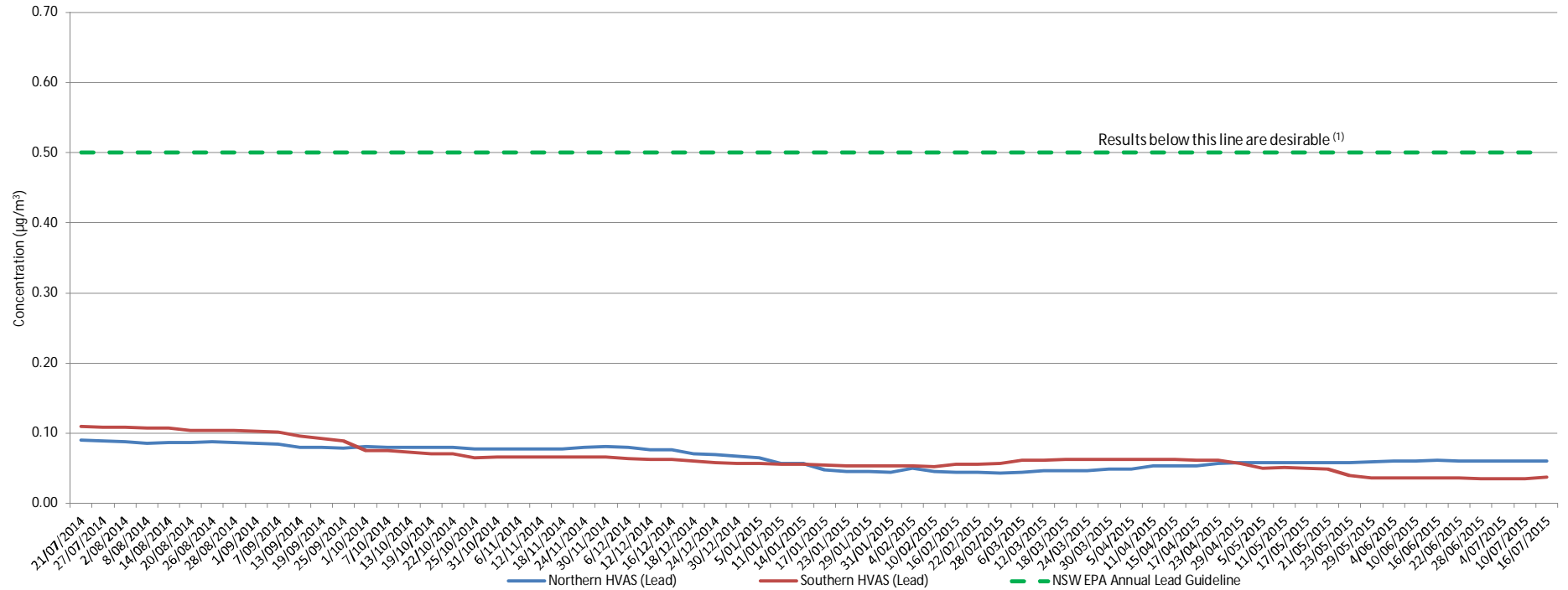
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



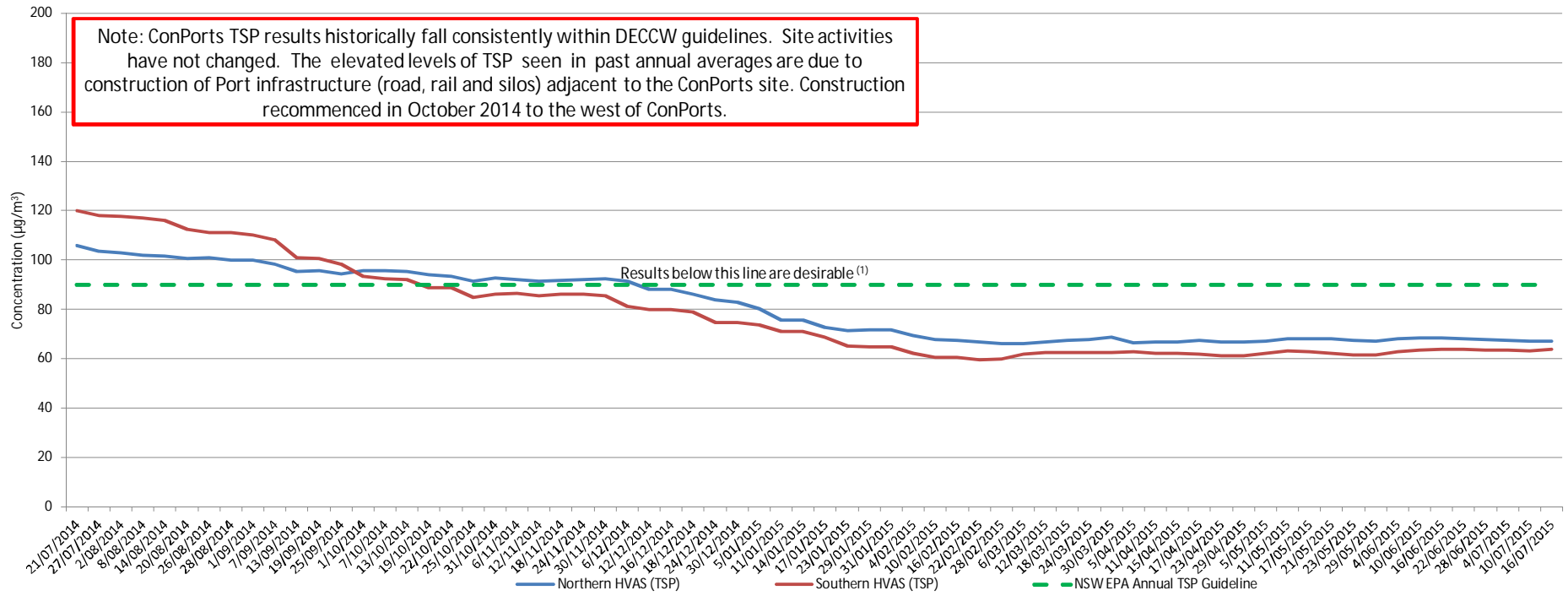
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

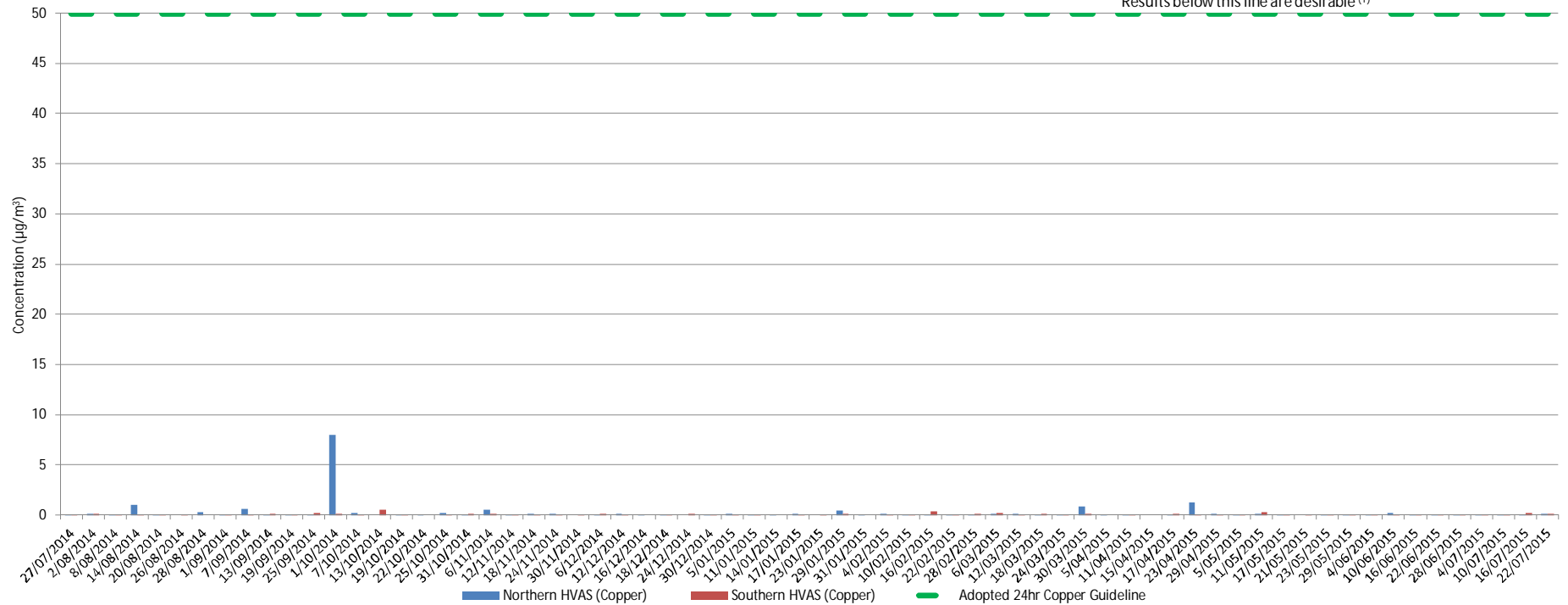
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	-	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	

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
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.
20/08/2014	37.4	0.029	<0.007	0.08	43.1	0.013	<0.007	0.038	

ConPorts Pty Ltd - 24 Hour Copper

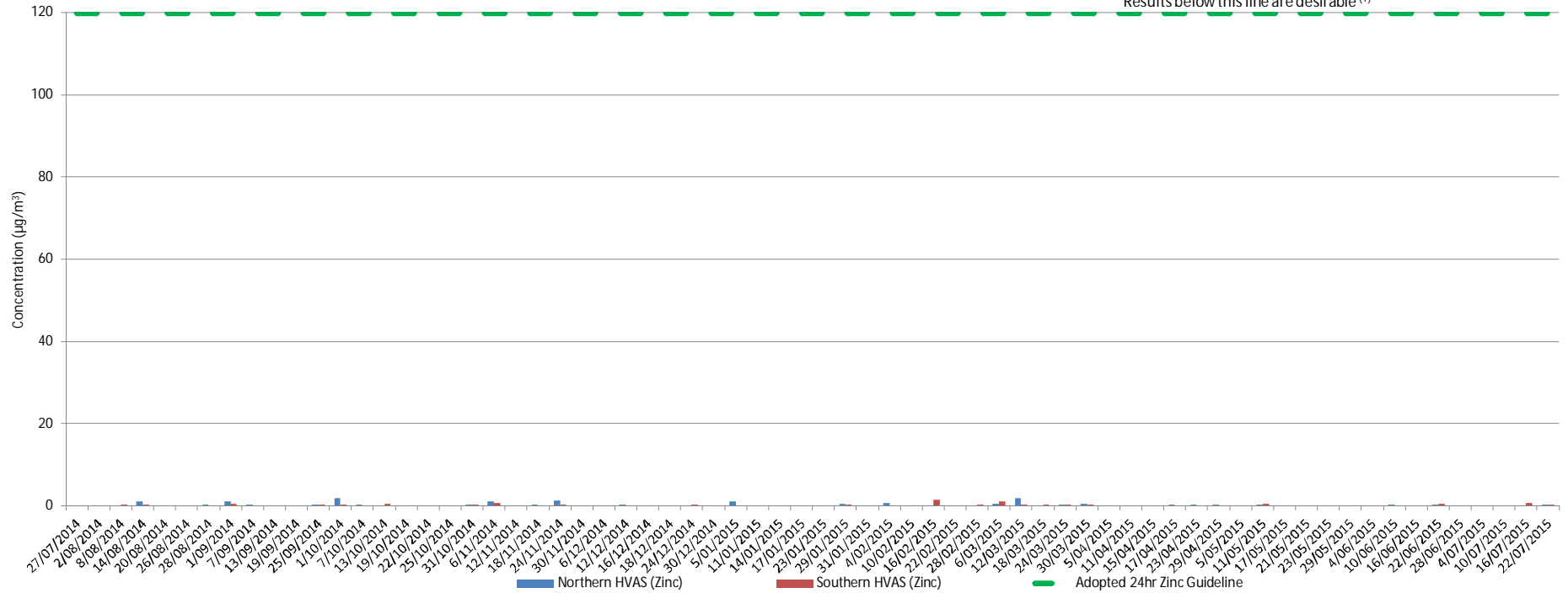
Results below this line are desirable ⁽¹⁾



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

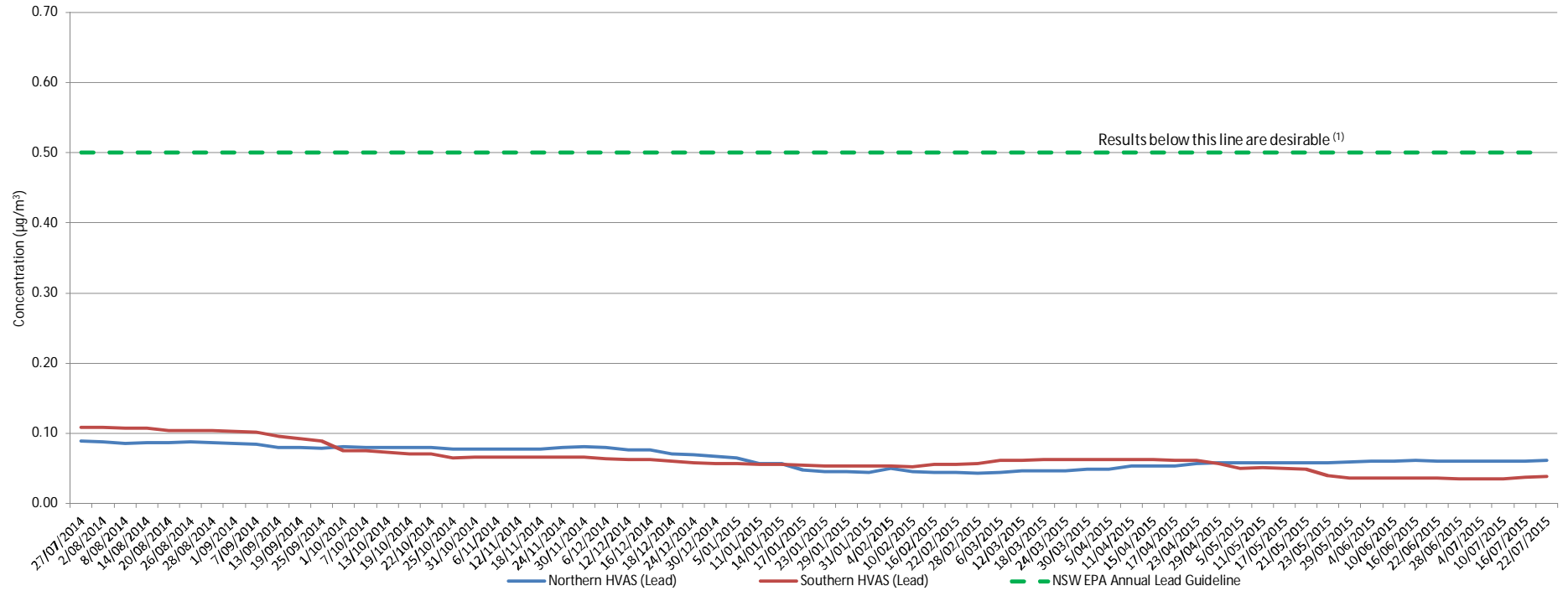
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



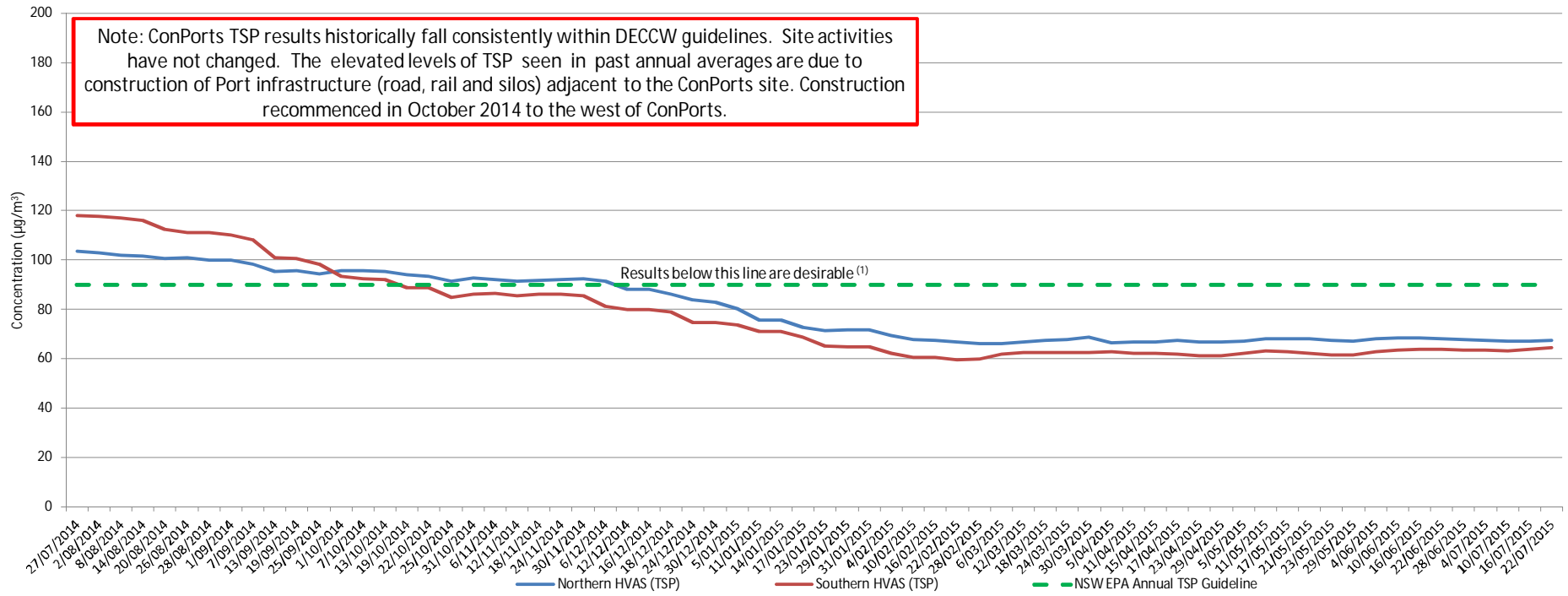
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

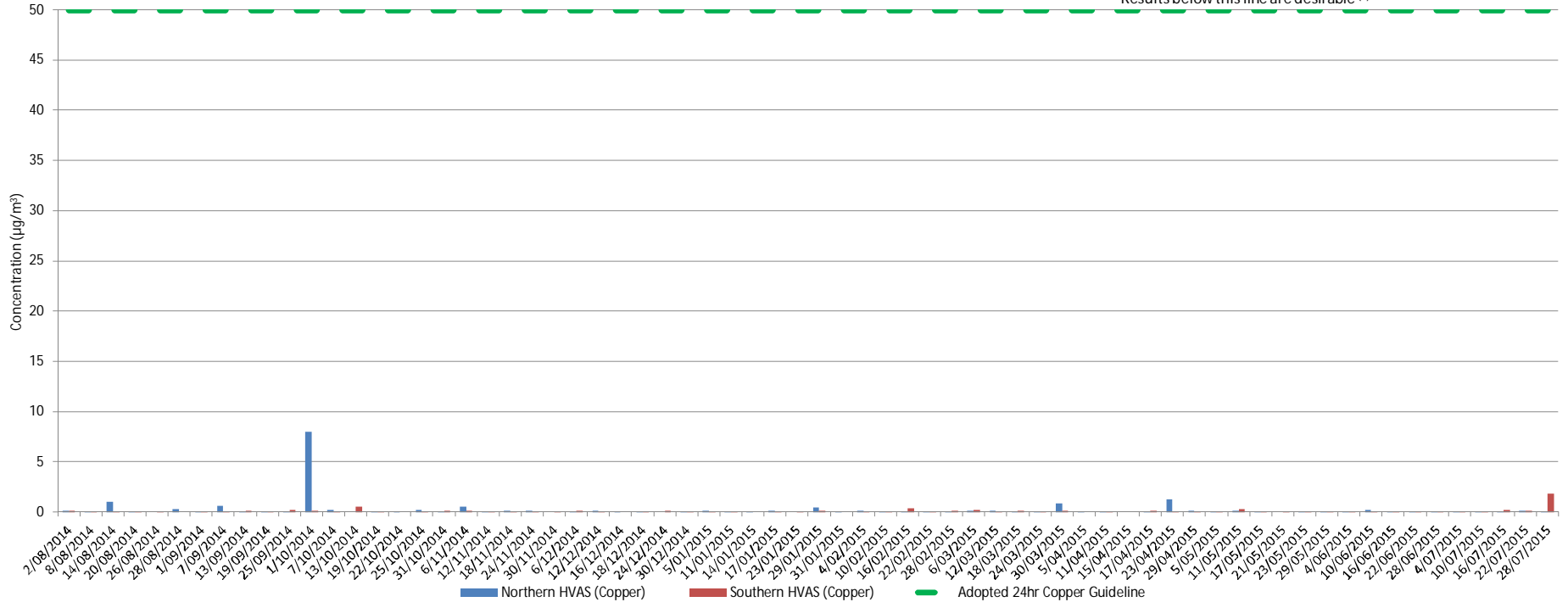
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	

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
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.
26/08/2014	DNR	DNR	DNR	DNR	47.7	0.011	<0.007	0.038	North sampler did not run due to no power to sampler.

ConPorts Pty Ltd - 24 Hour Copper

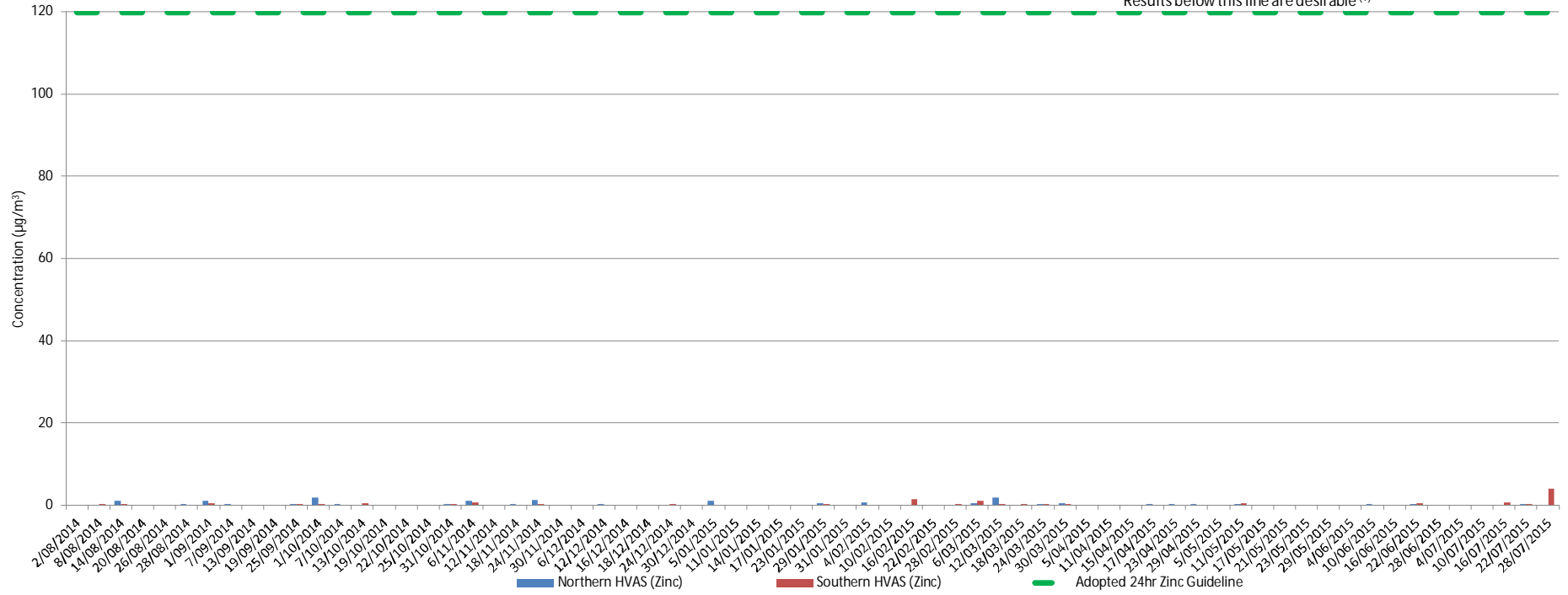
Results below this line are desirable ⁽¹⁾



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

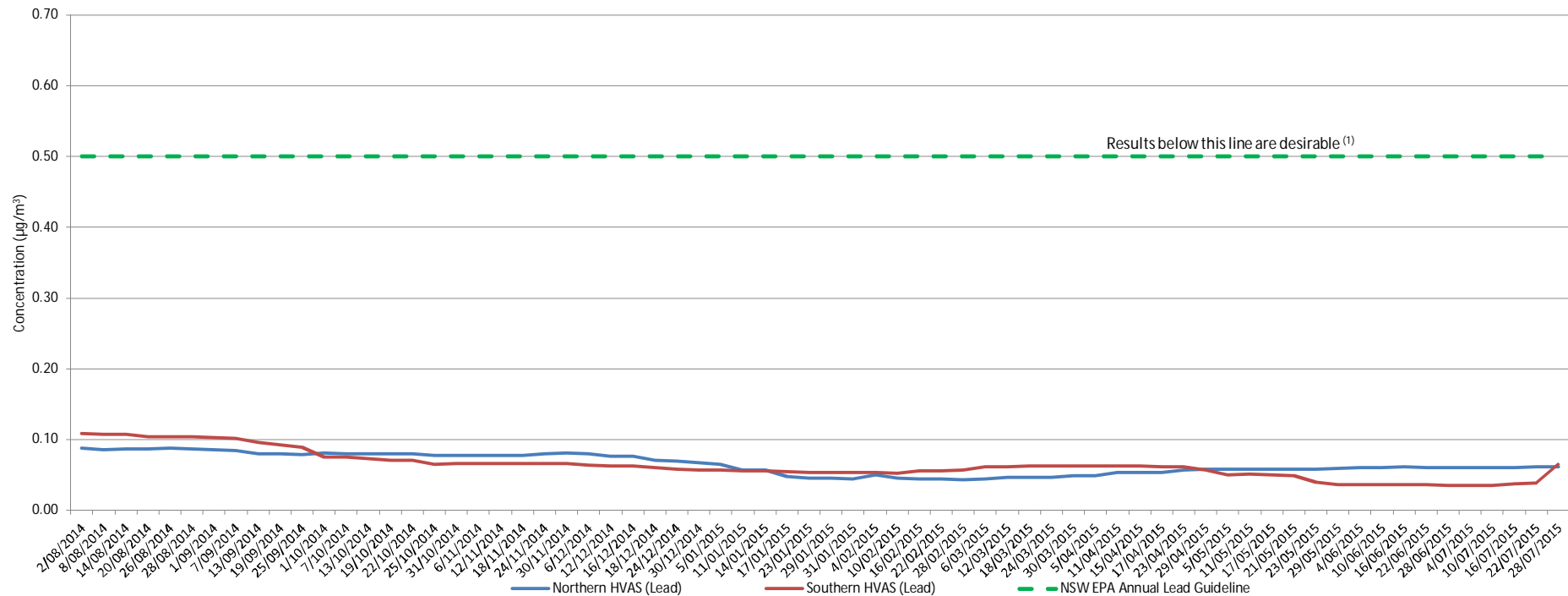
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



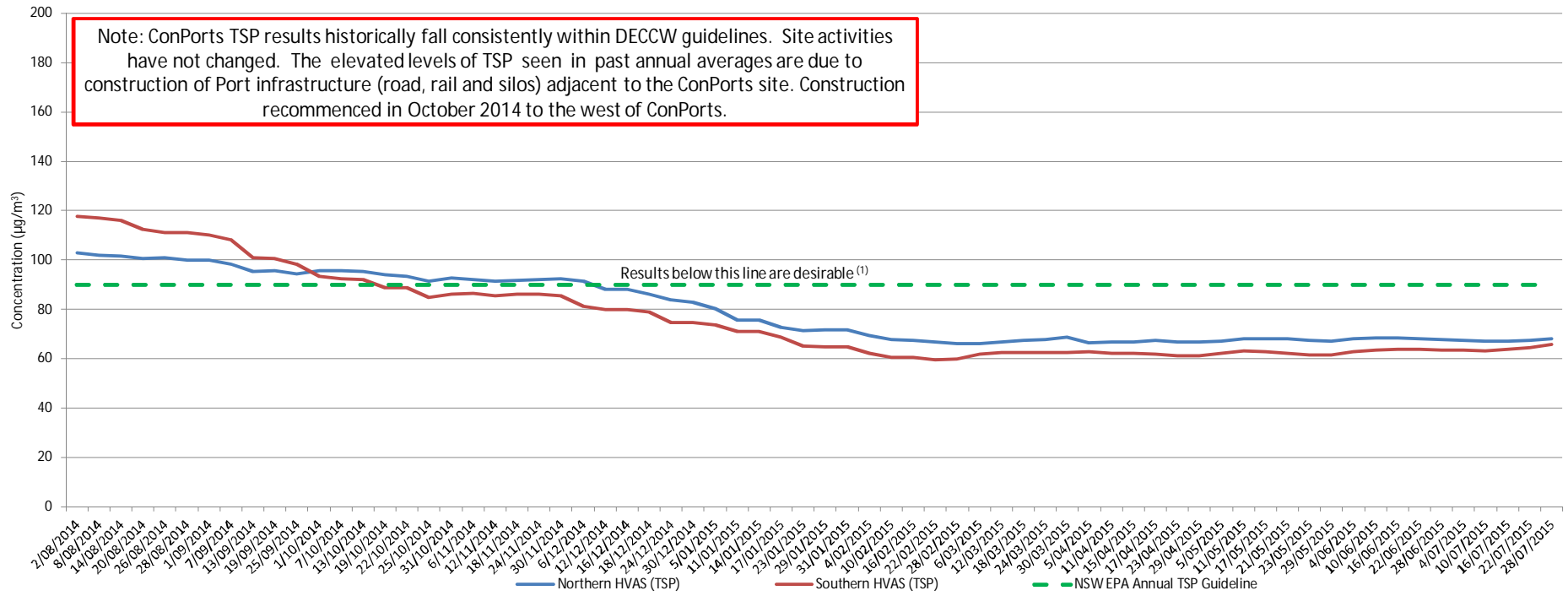
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

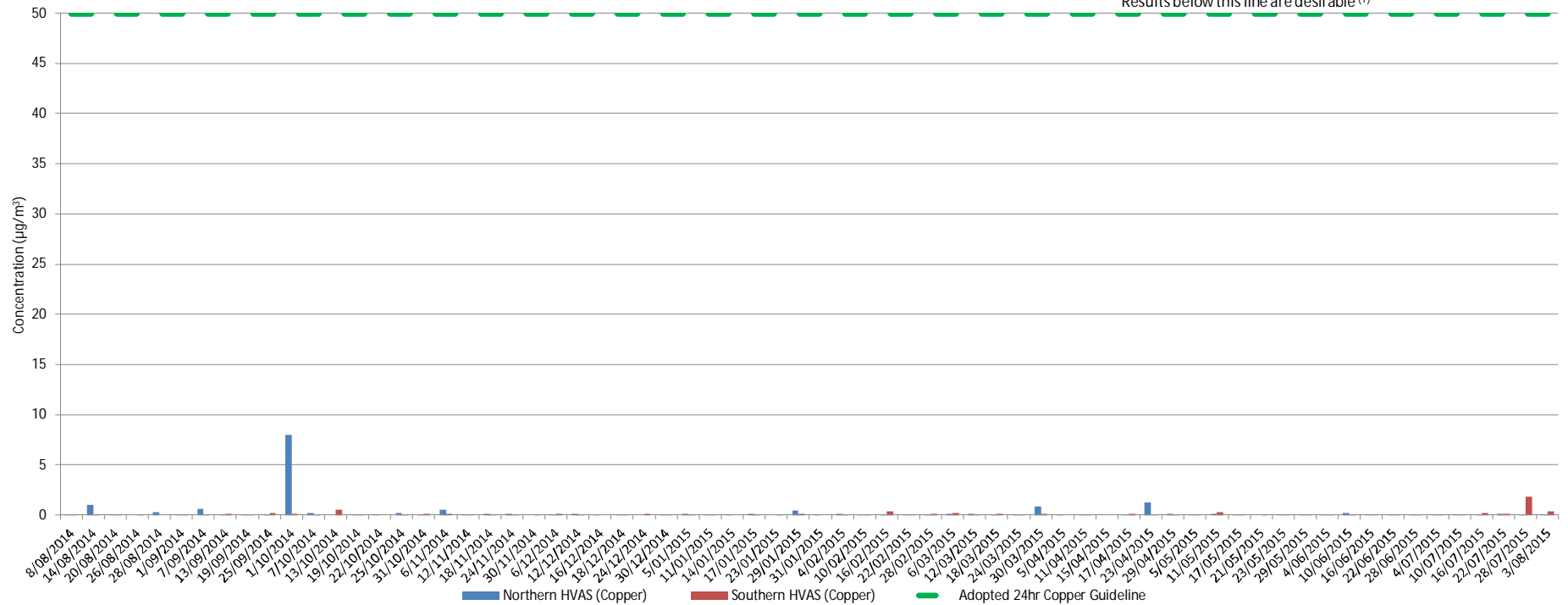
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	

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
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	
28/08/2014	44.7	0.260	0.022	0.21	-	-	-	-	Catch up sample at North location.

ConPorts Pty Ltd - 24 Hour Copper

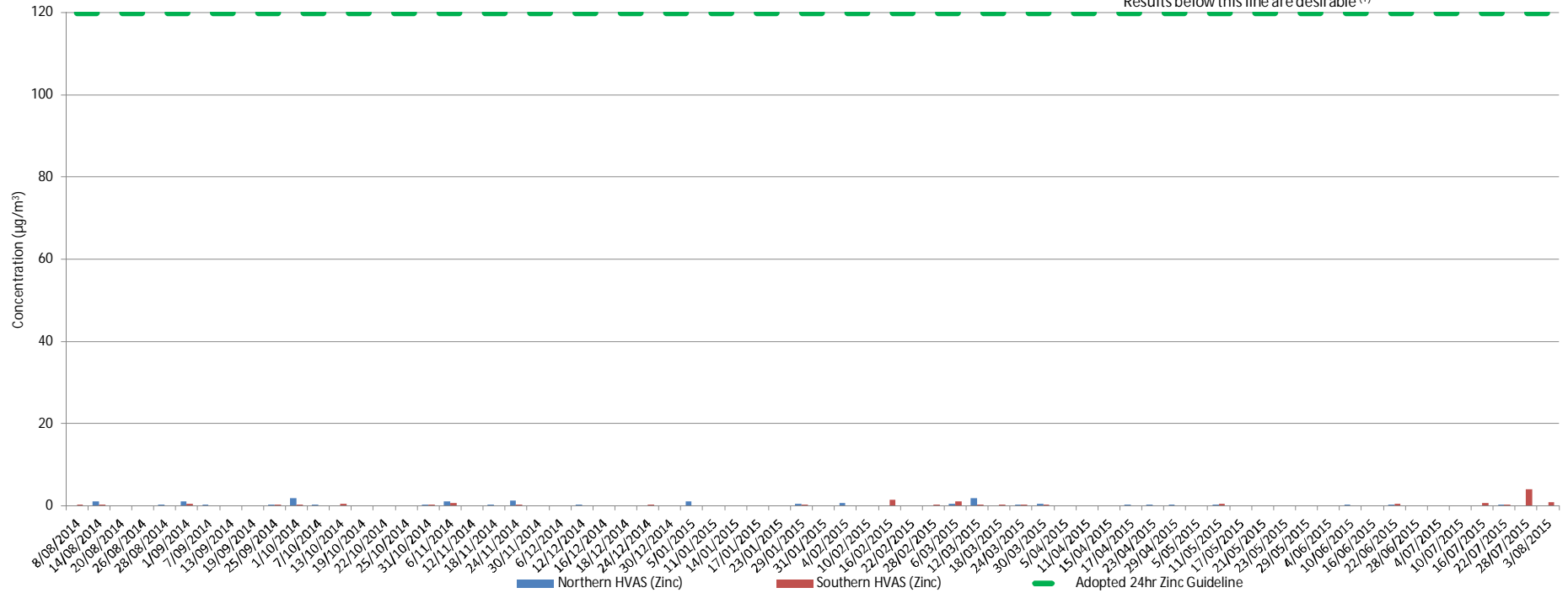
Results below this line are desirable ⁽¹⁾



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

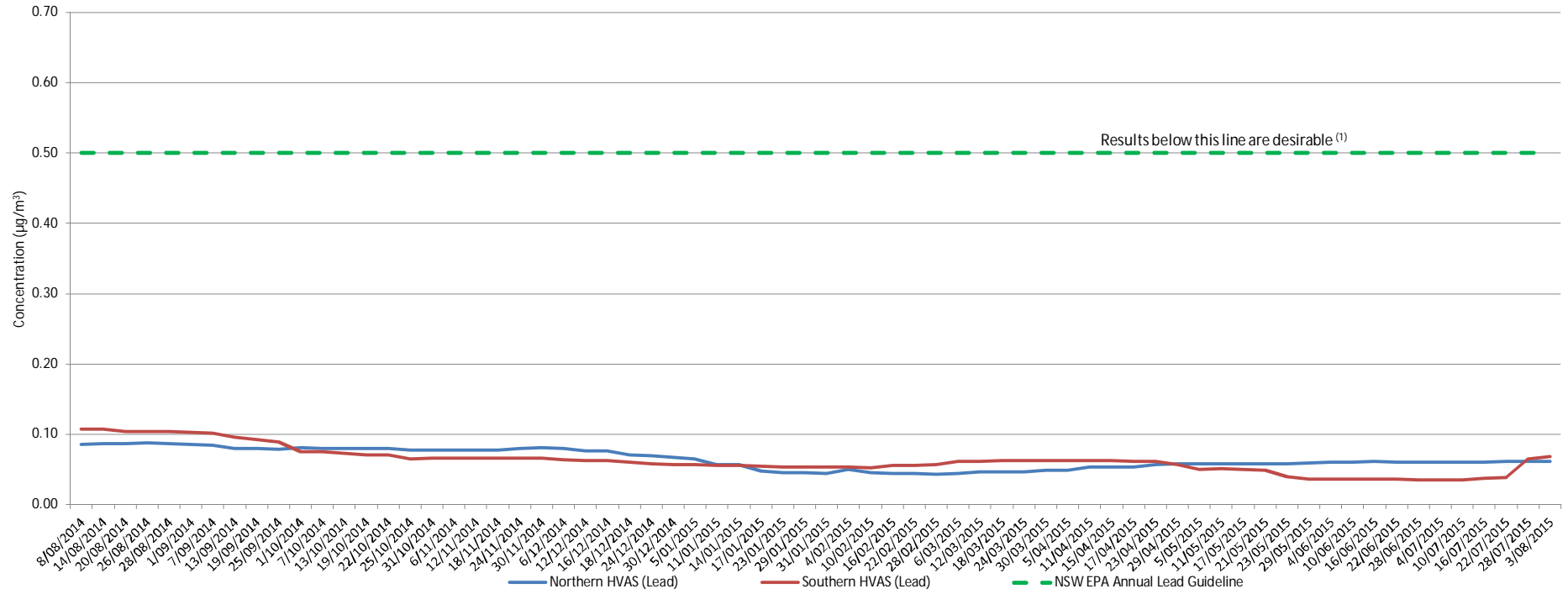
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



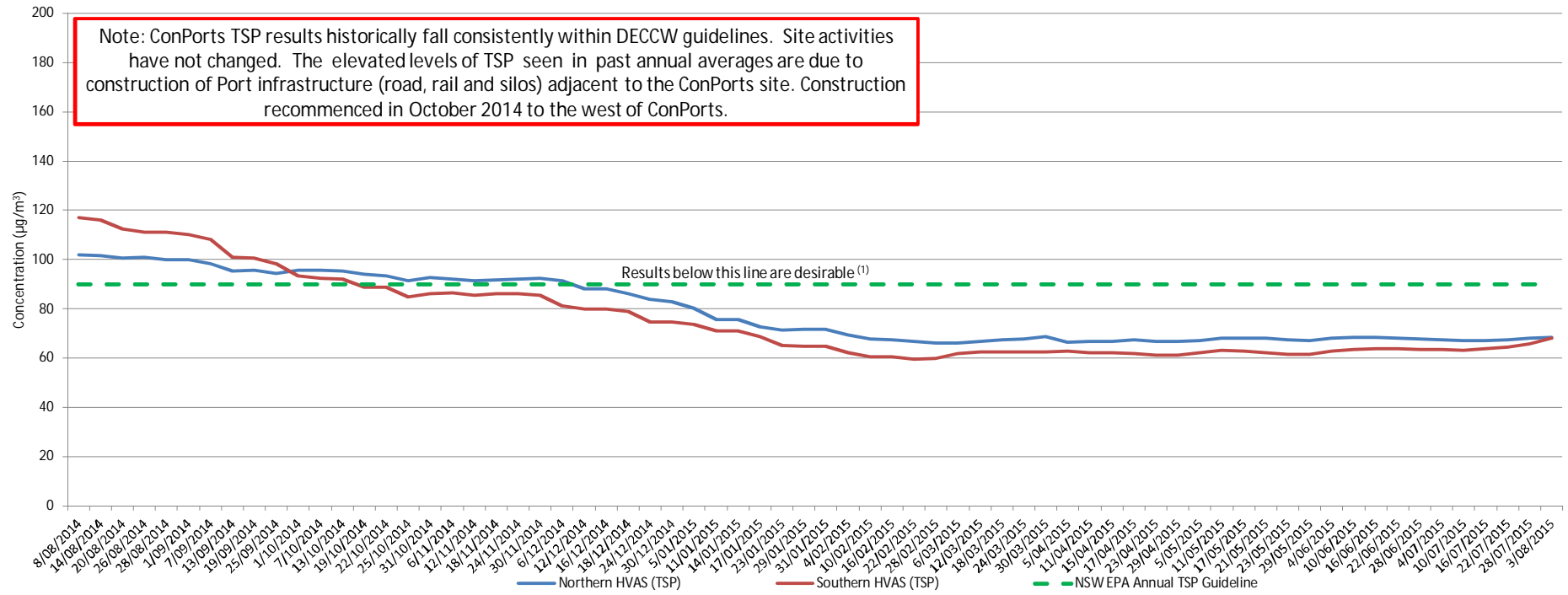
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

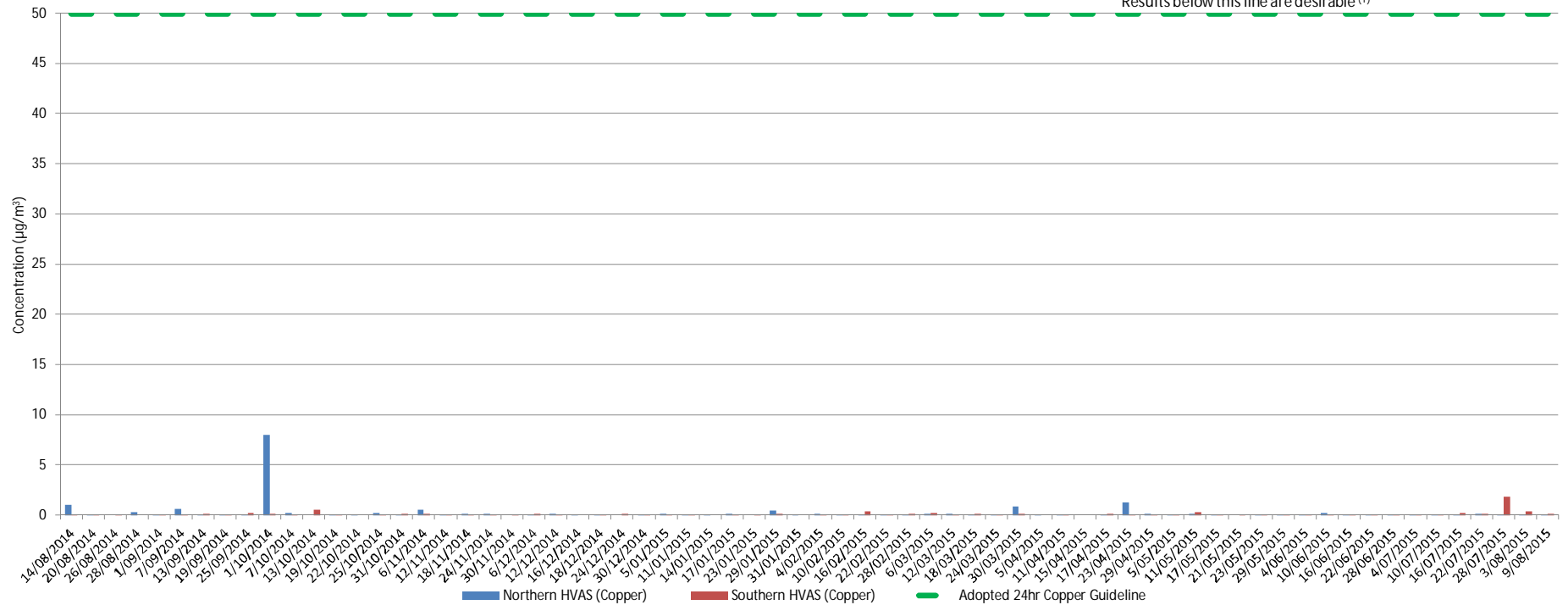
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North 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
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	
1/09/2014	86.2	0.052	0.058	1.00	85.6	0.063	0.039	0.408	

ConPorts Pty Ltd - 24 Hour Copper

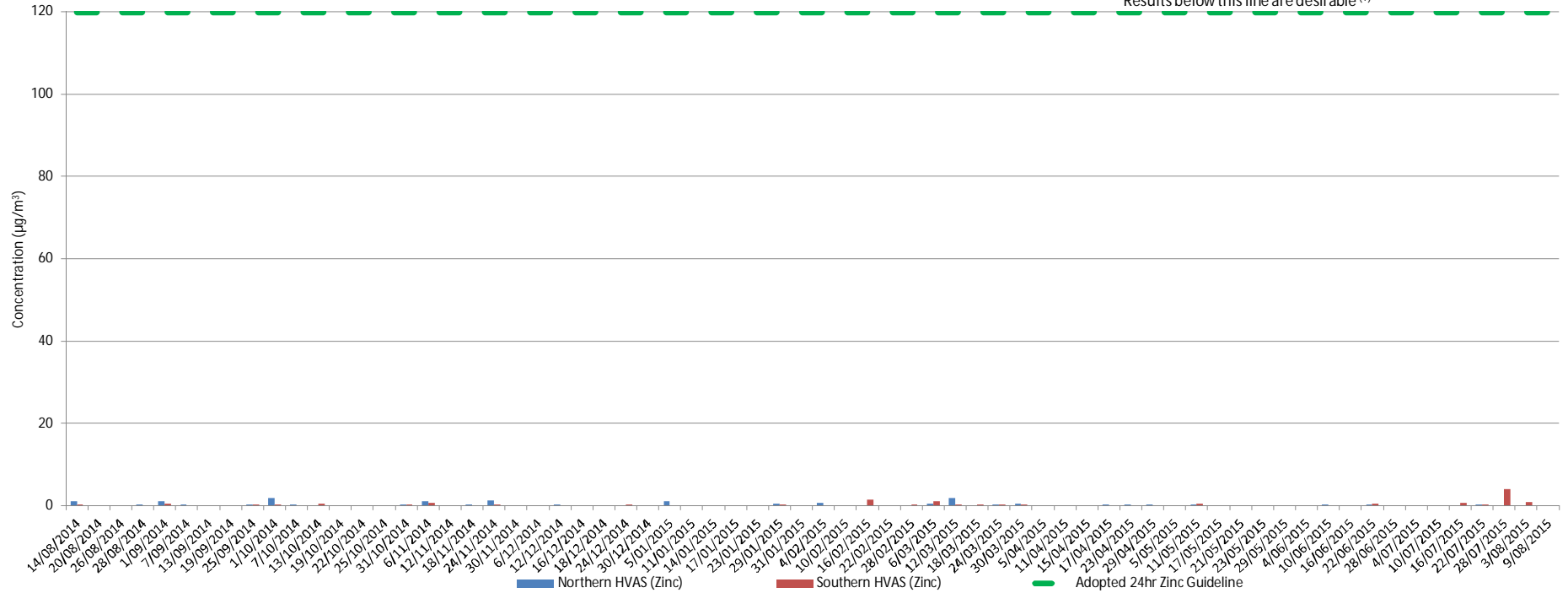
Results below this line are desirable ⁽¹⁾



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

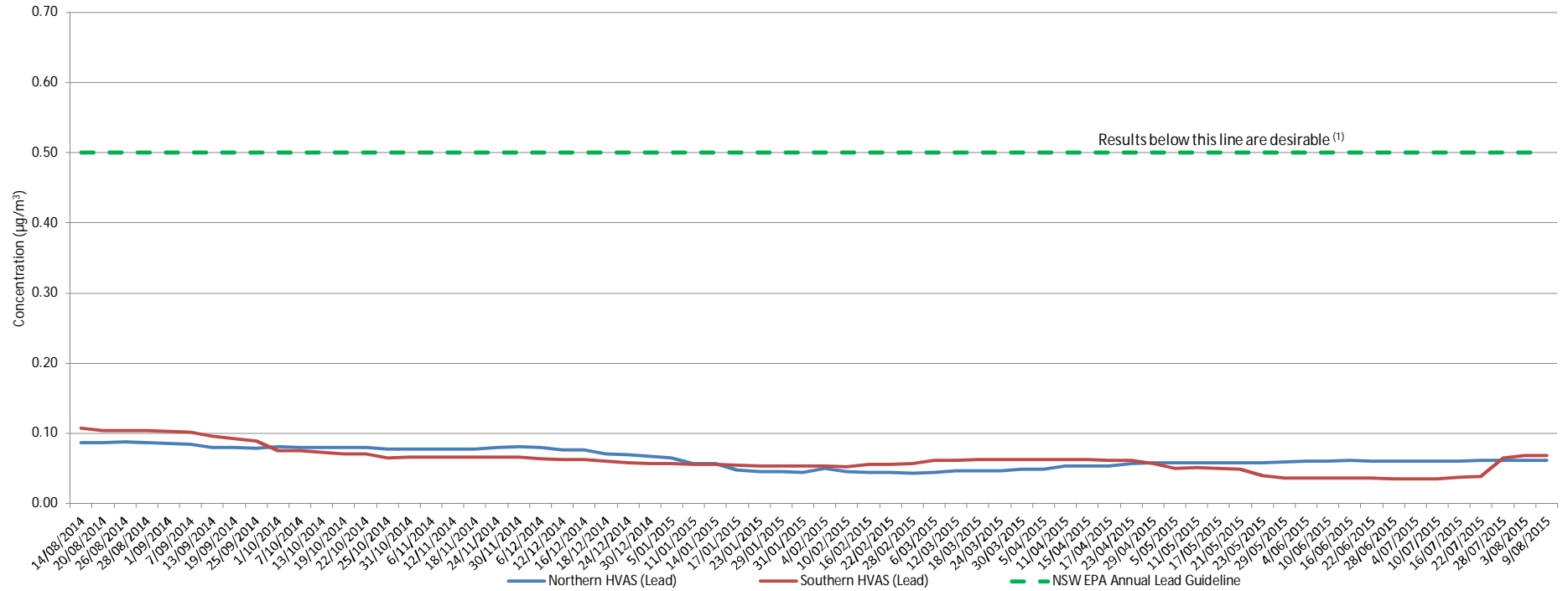
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



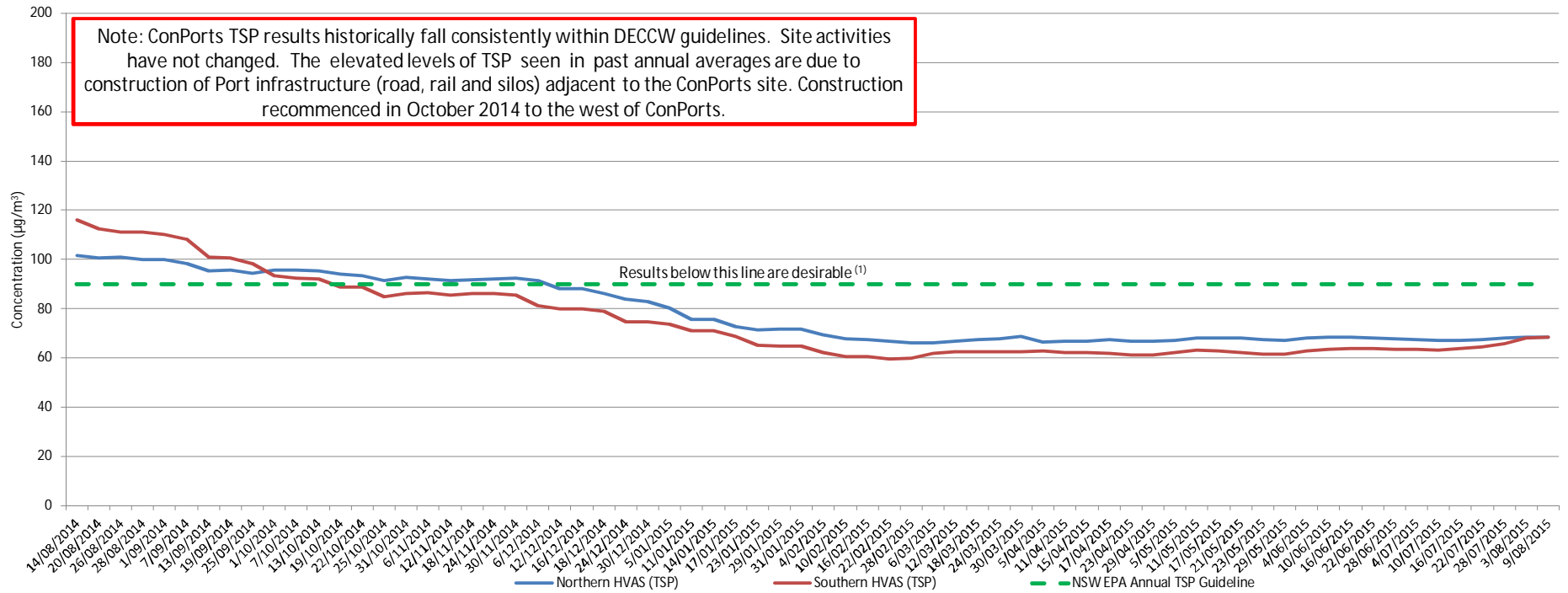
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

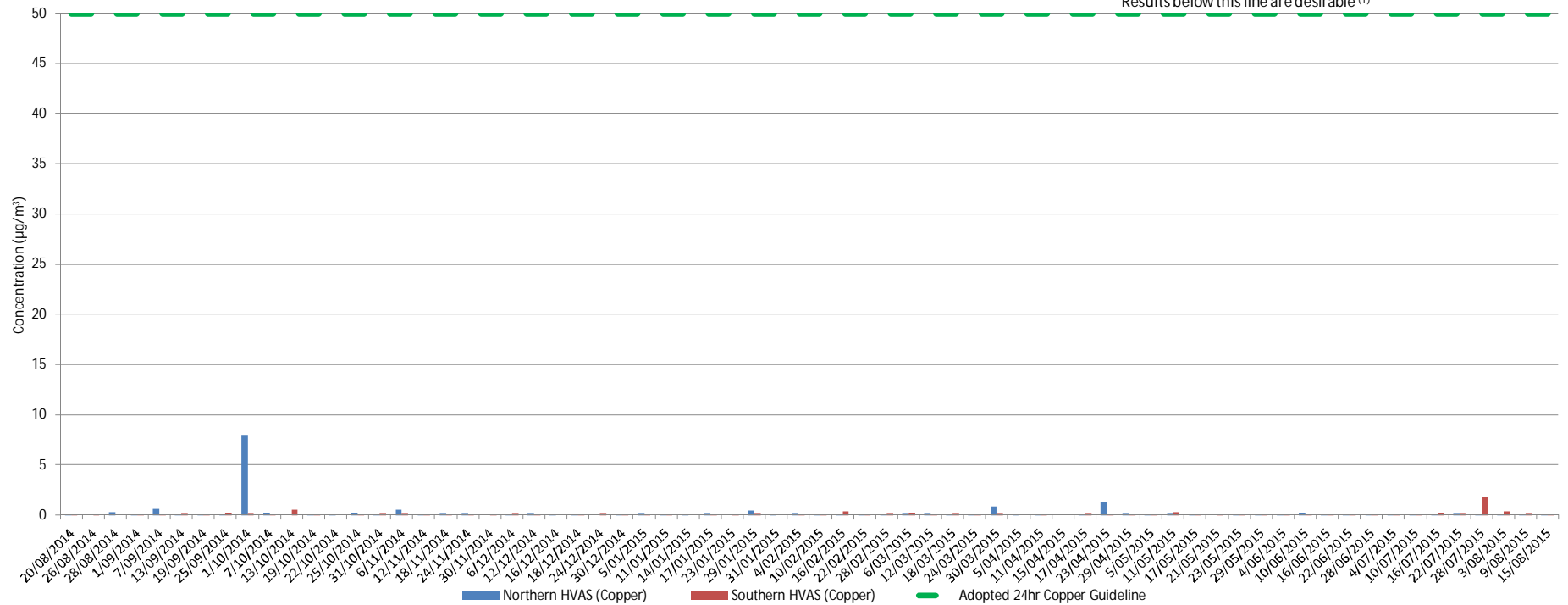
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	

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
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
13/09/2014	42.9	0.022	0.012	0.07	43.8	0.112	0.015	0.092	
7/09/2014	37.4	0.588	0.040	0.35	37.9	0.024	<0.007	0.038	

ConPorts Pty Ltd - 24 Hour Copper

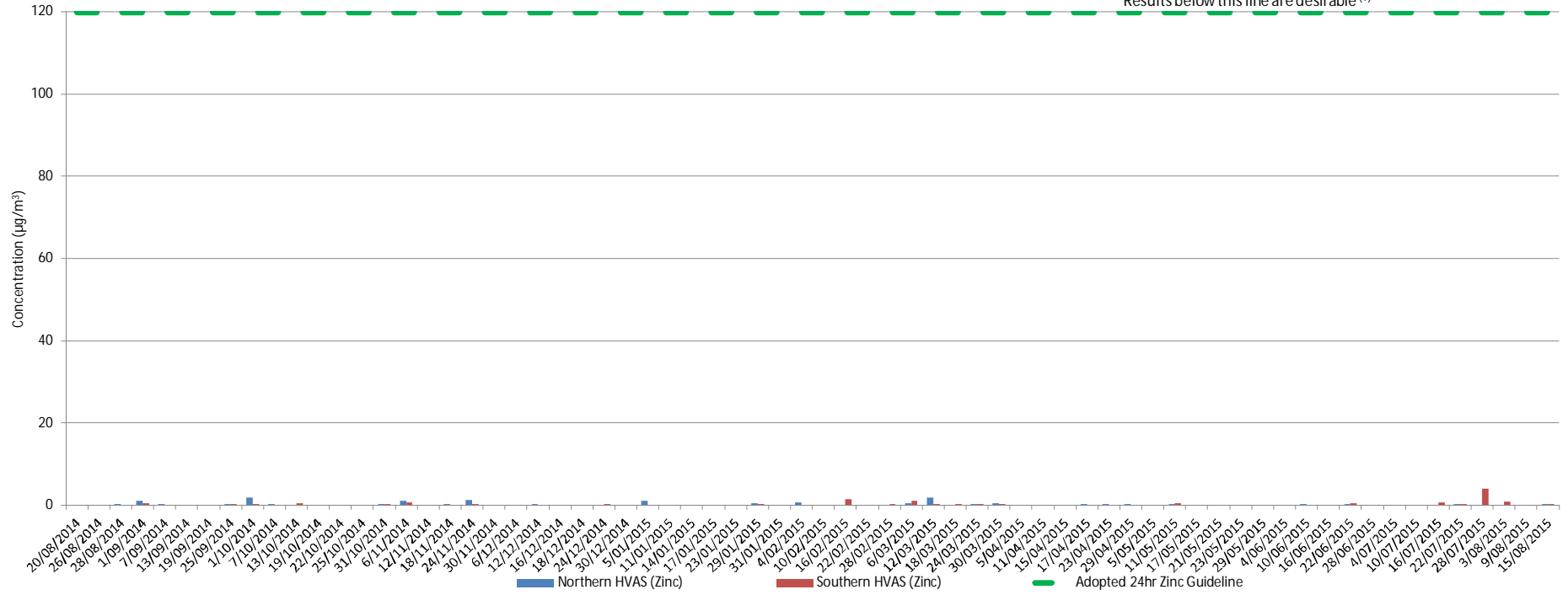
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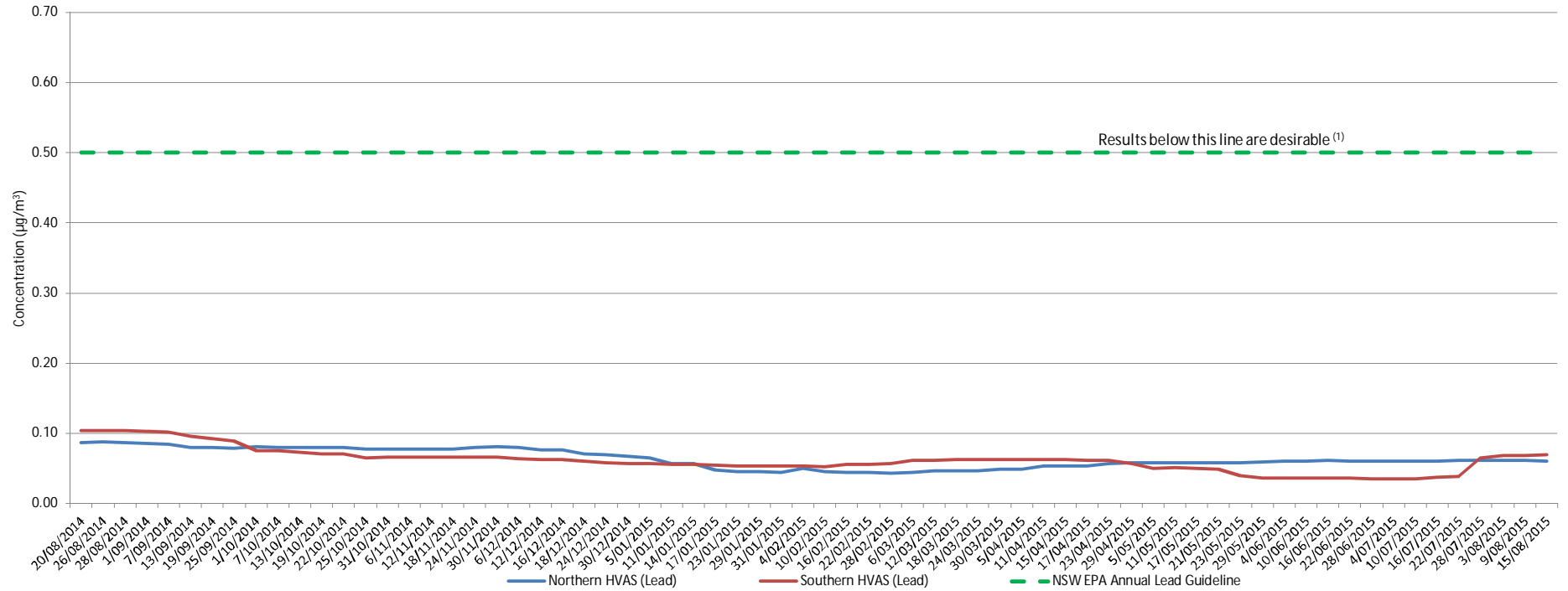
ConPorts Pty Ltd - 24 Hour Zinc

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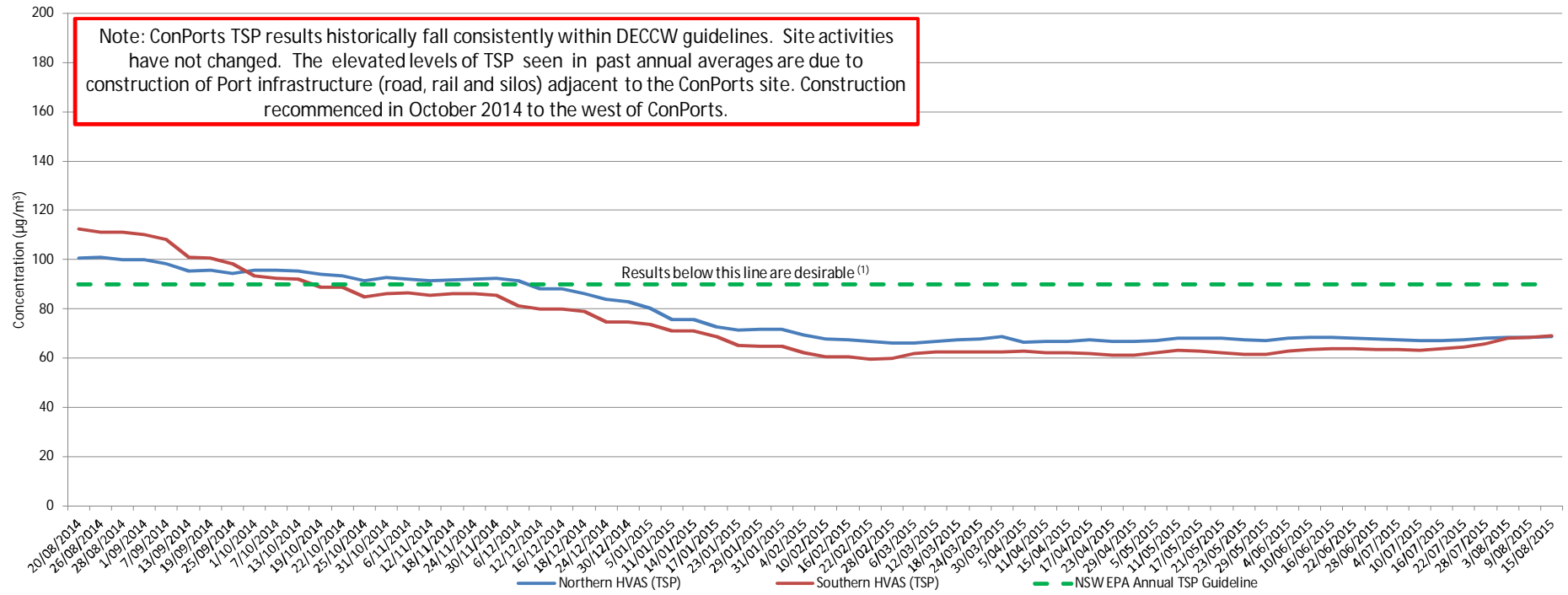
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(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

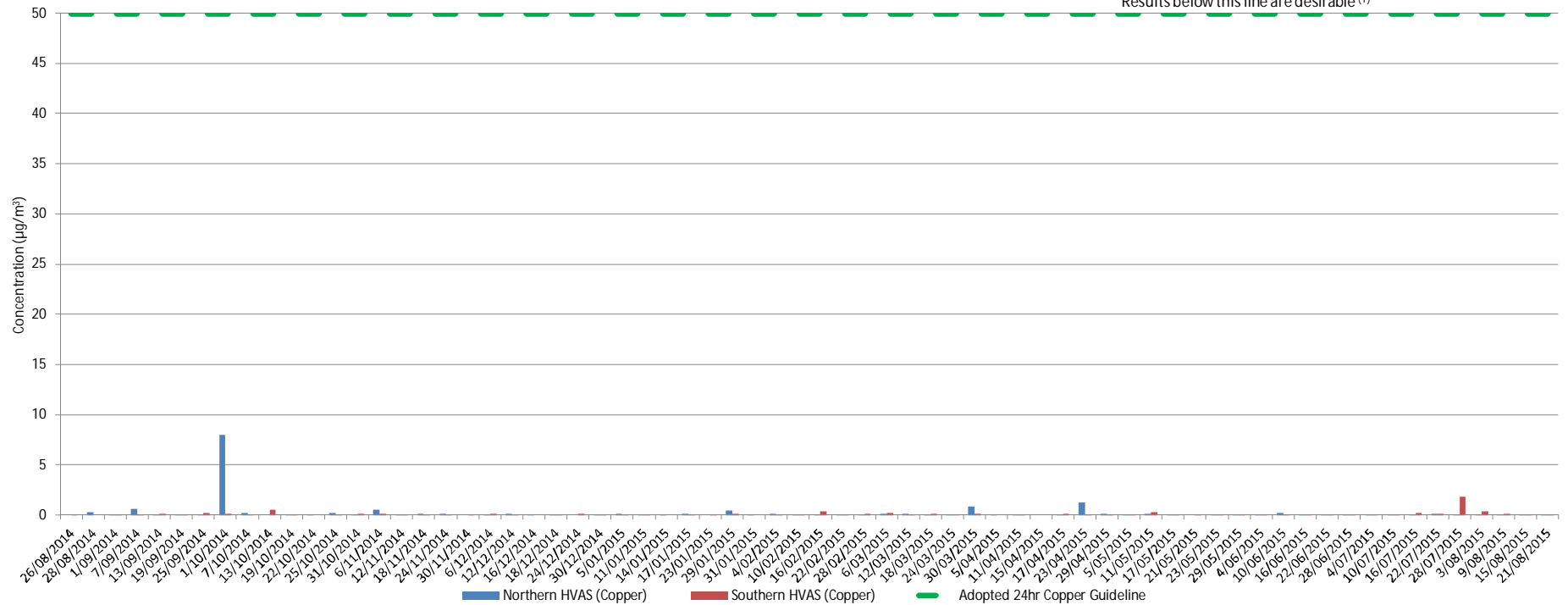
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.

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
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	
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ConPorts Pty Ltd - 24 Hour Copper

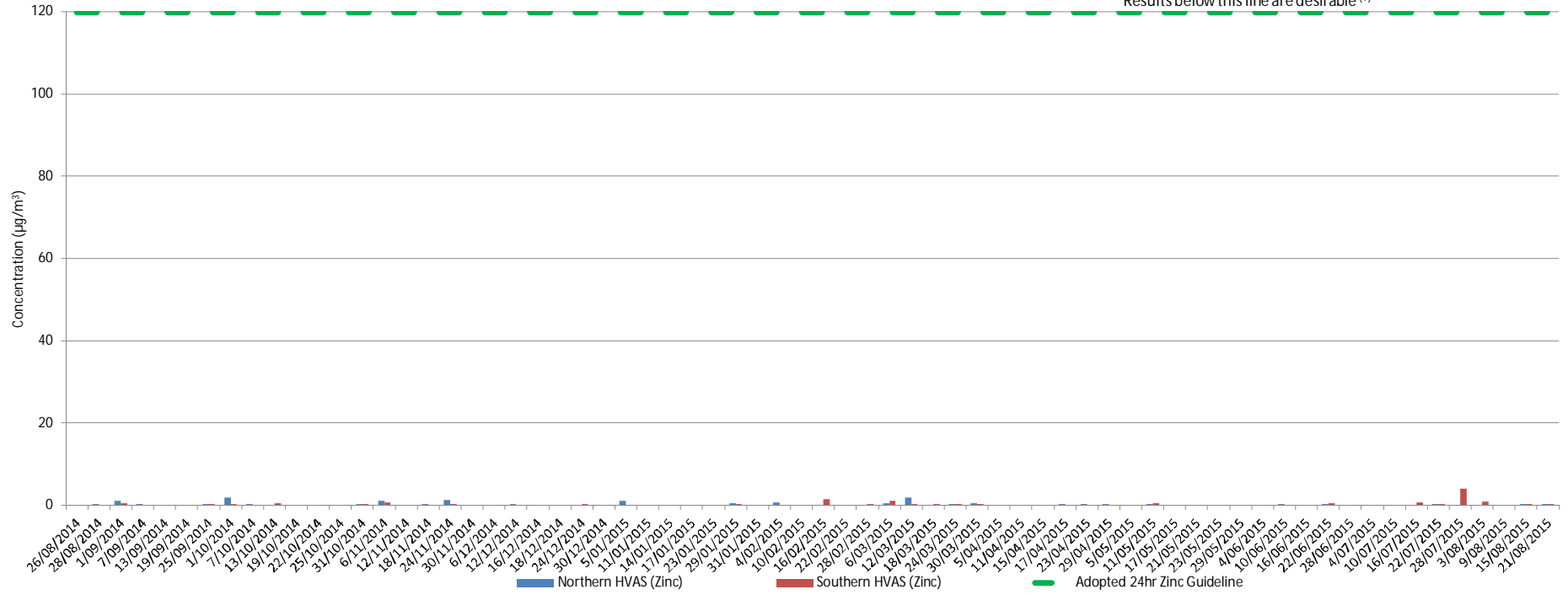
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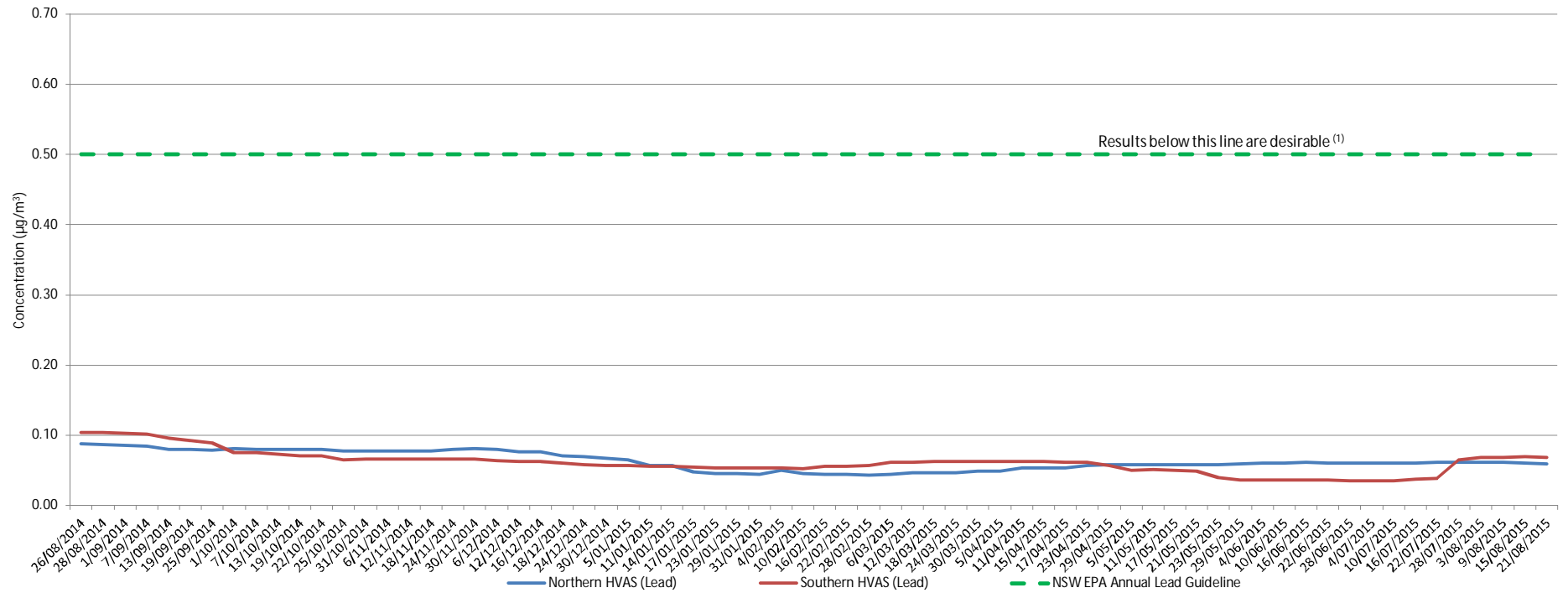
ConPorts Pty Ltd - 24 Hour Zinc

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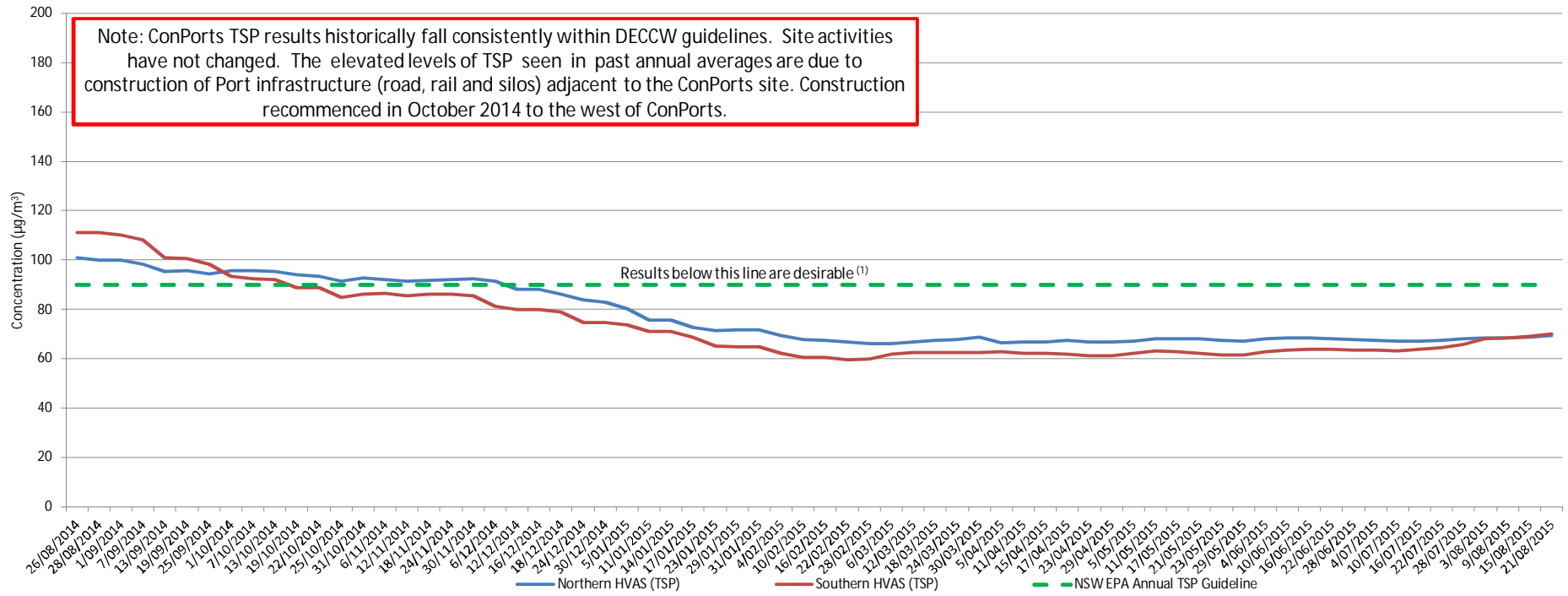
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



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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

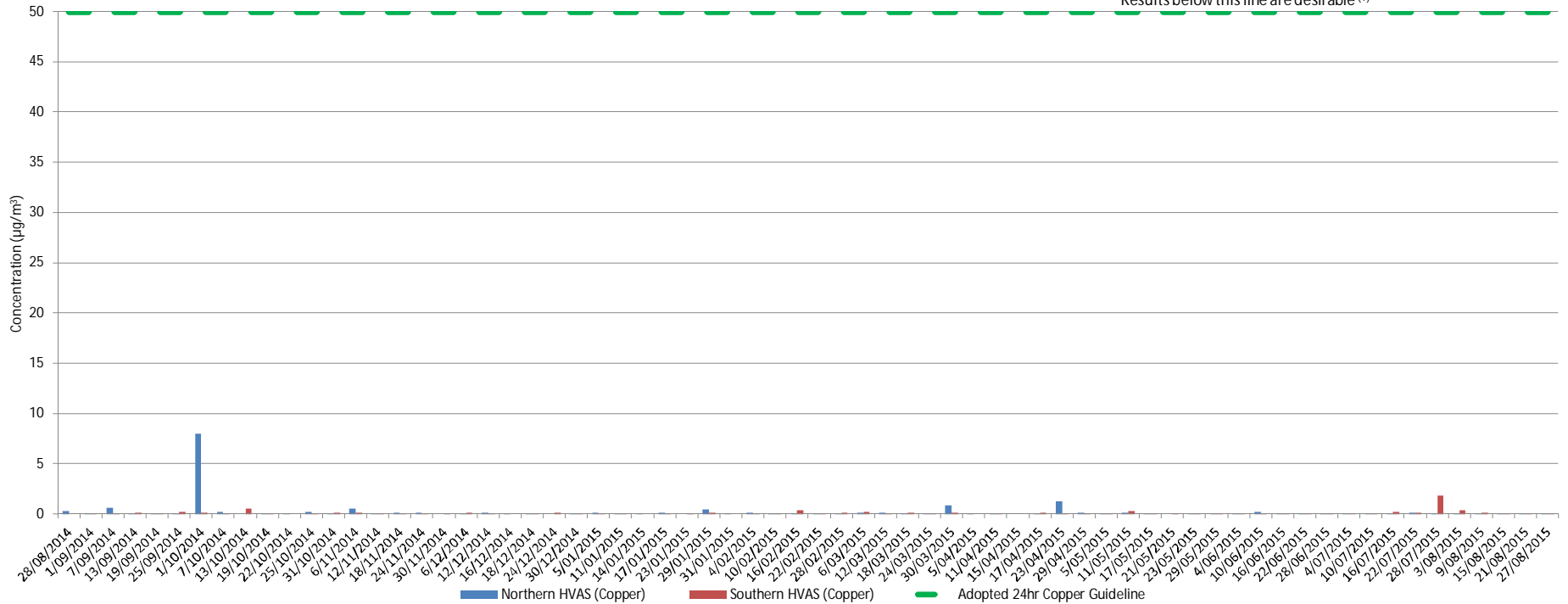
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22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	

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
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	
19/09/2014	71.5	0.072	0.020	0.19	48.7	0.054	0.015	0.110	

ConPorts Pty Ltd - 24 Hour Copper

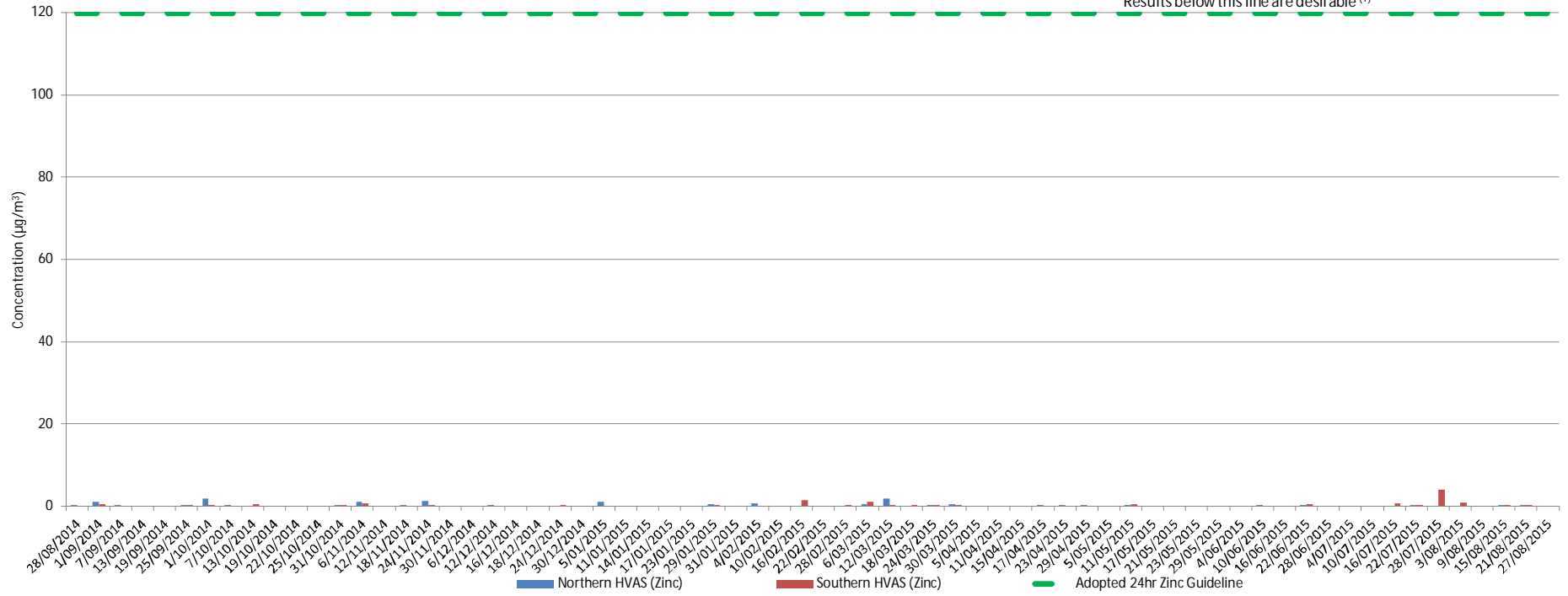
Results below this line are desirable ⁽¹⁾



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

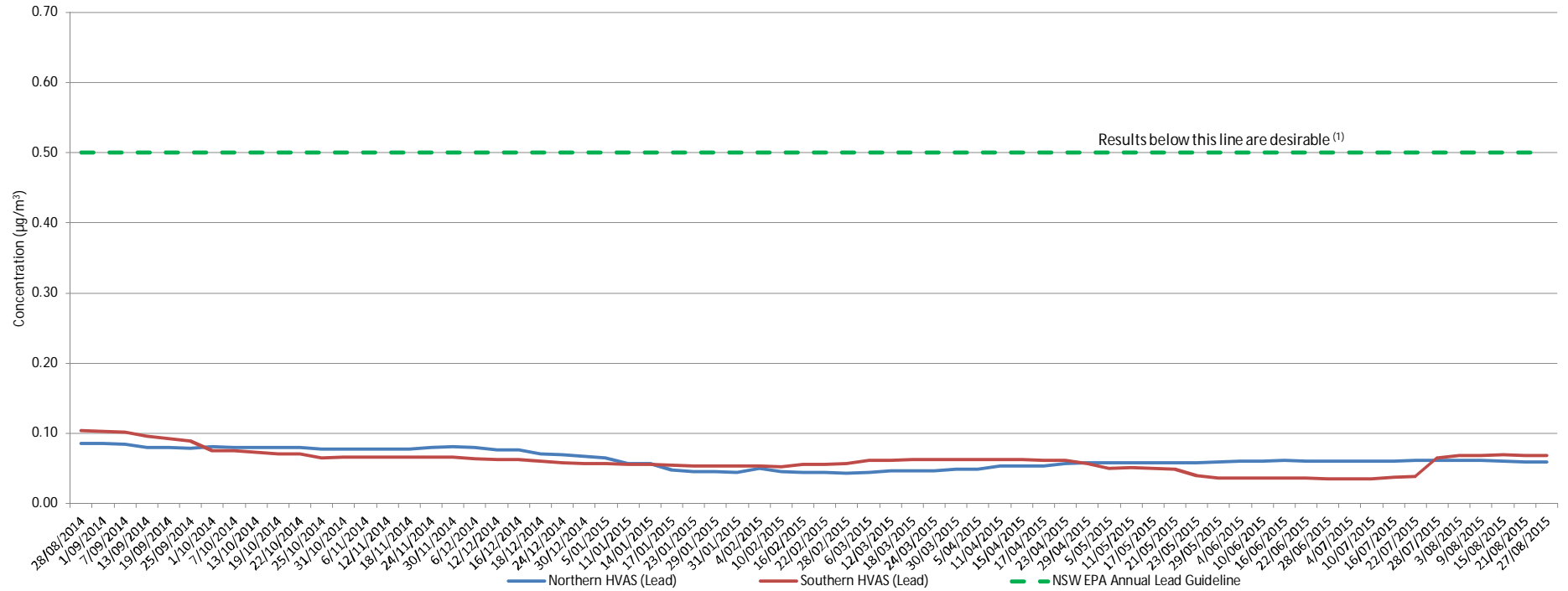
ConPorts Pty Ltd - 24 Hour Zinc

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

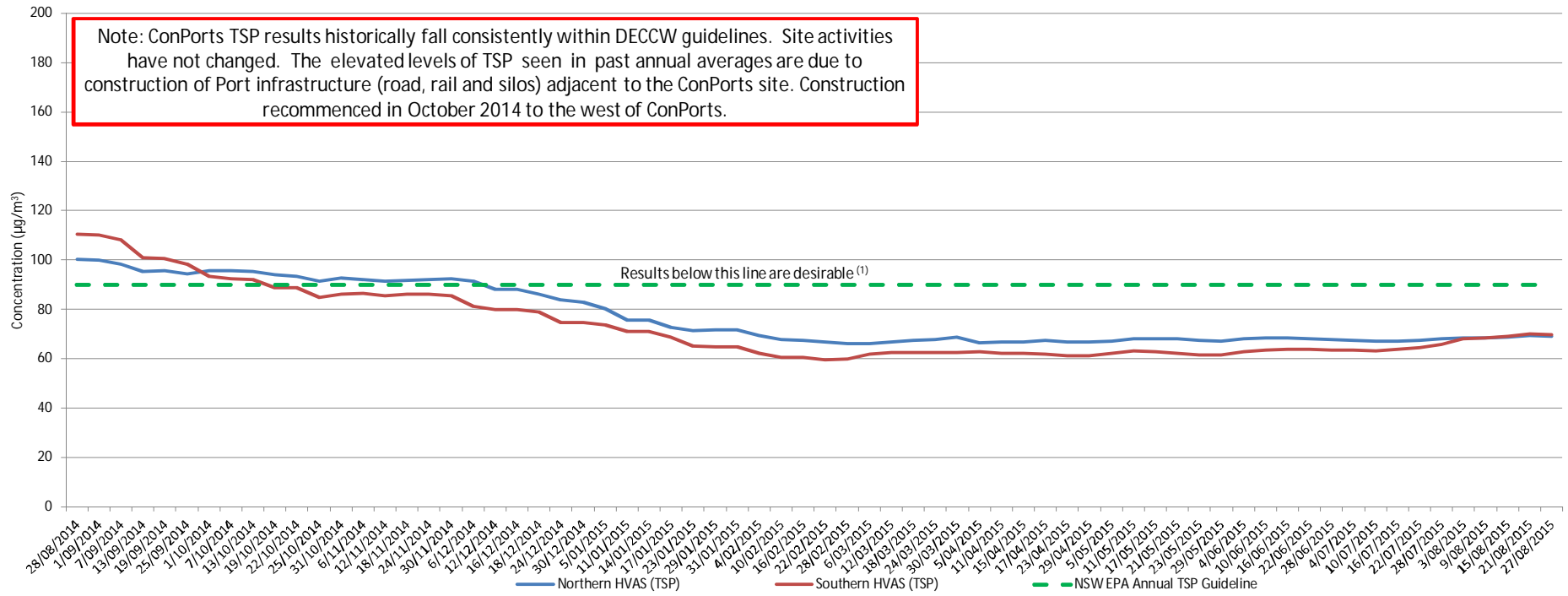
ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽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

Note: ConPorts TSP results historically fall consistently within DECCW guidelines. Site activities have not changed. The elevated levels of TSP seen in past annual averages are due to construction of Port infrastructure (road, rail and silos) adjacent to the ConPorts site. Construction recommenced in October 2014 to the west of ConPorts.



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

ConPorts Pty - Air Monitoring HVAS Results

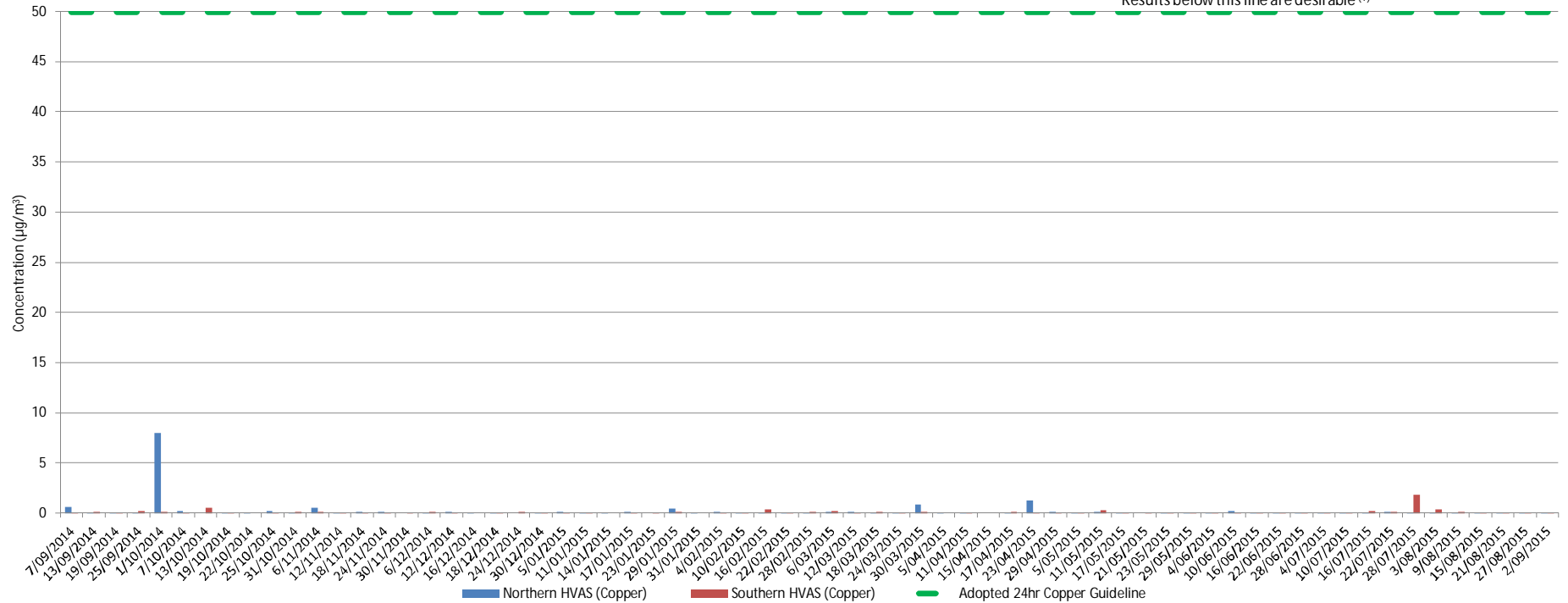
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North 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
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	
25/09/2014	56.9	0.053	0.025	0.25	61.8	0.212	0.032	0.252	

ConPorts Pty Ltd - 24 Hour Copper

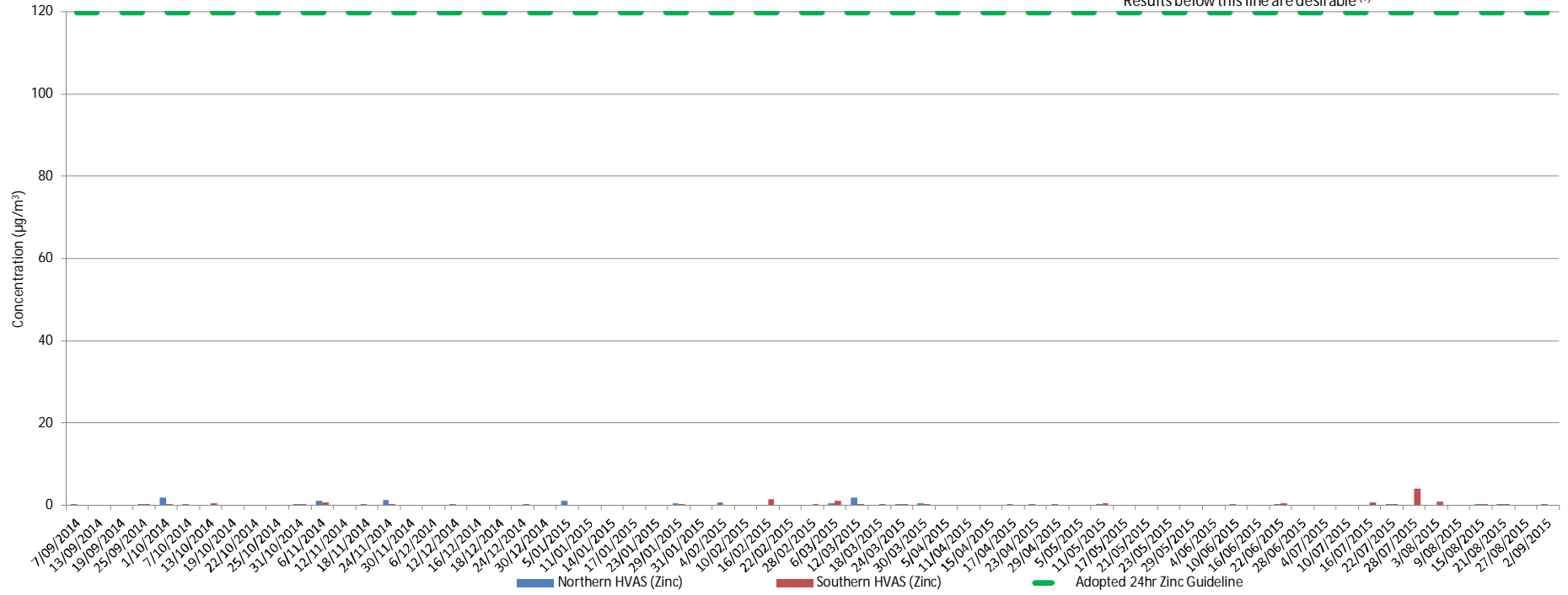
Results below this line are desirable ⁽¹⁾



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

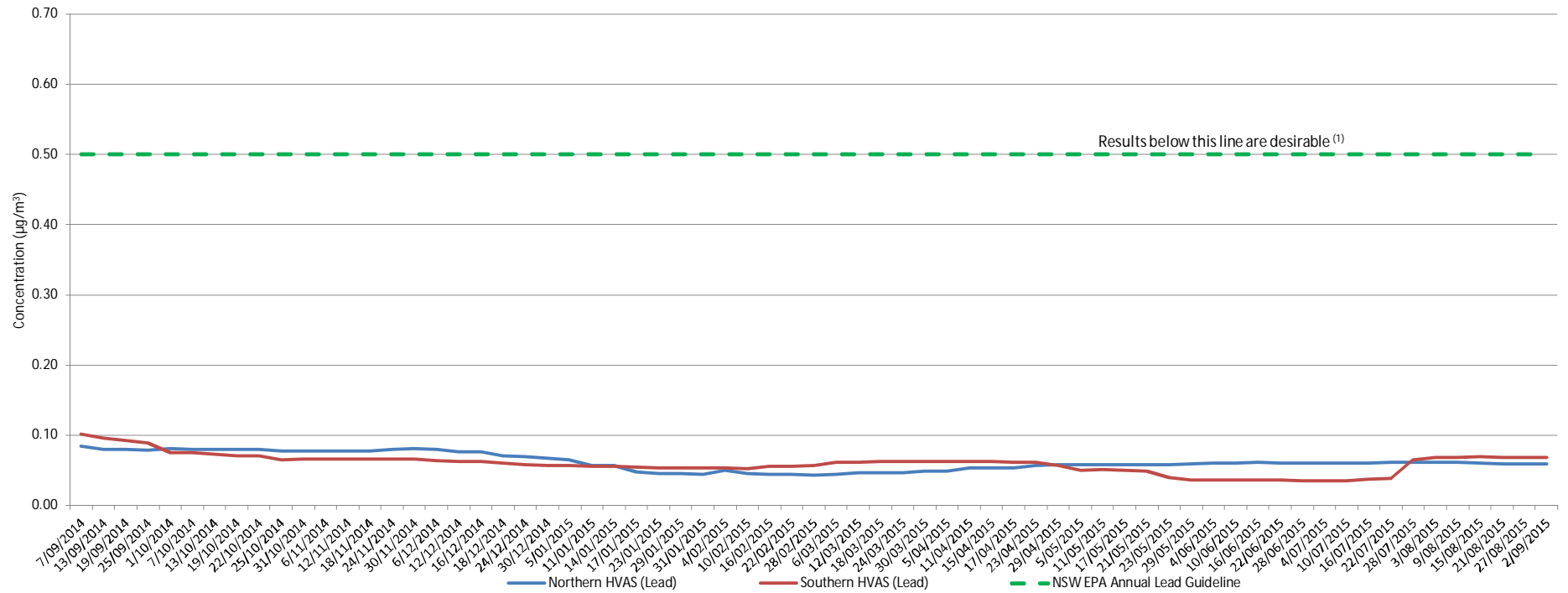
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



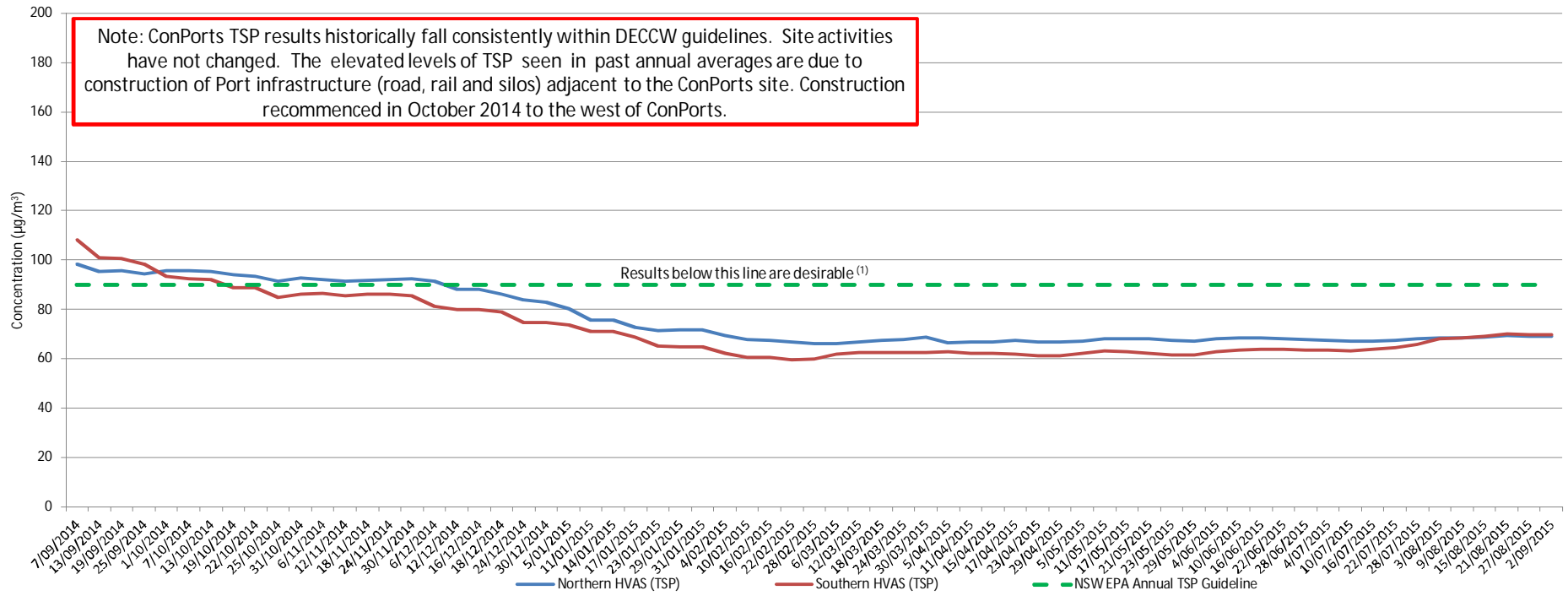
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	

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
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	
1/10/2014	197.0	7.960	0.194	1.80	90.2	0.158	0.024	0.214	

ConPorts Pty - Water Quality Monitoring Results

EPL Monitoring Point 3 (STW3)

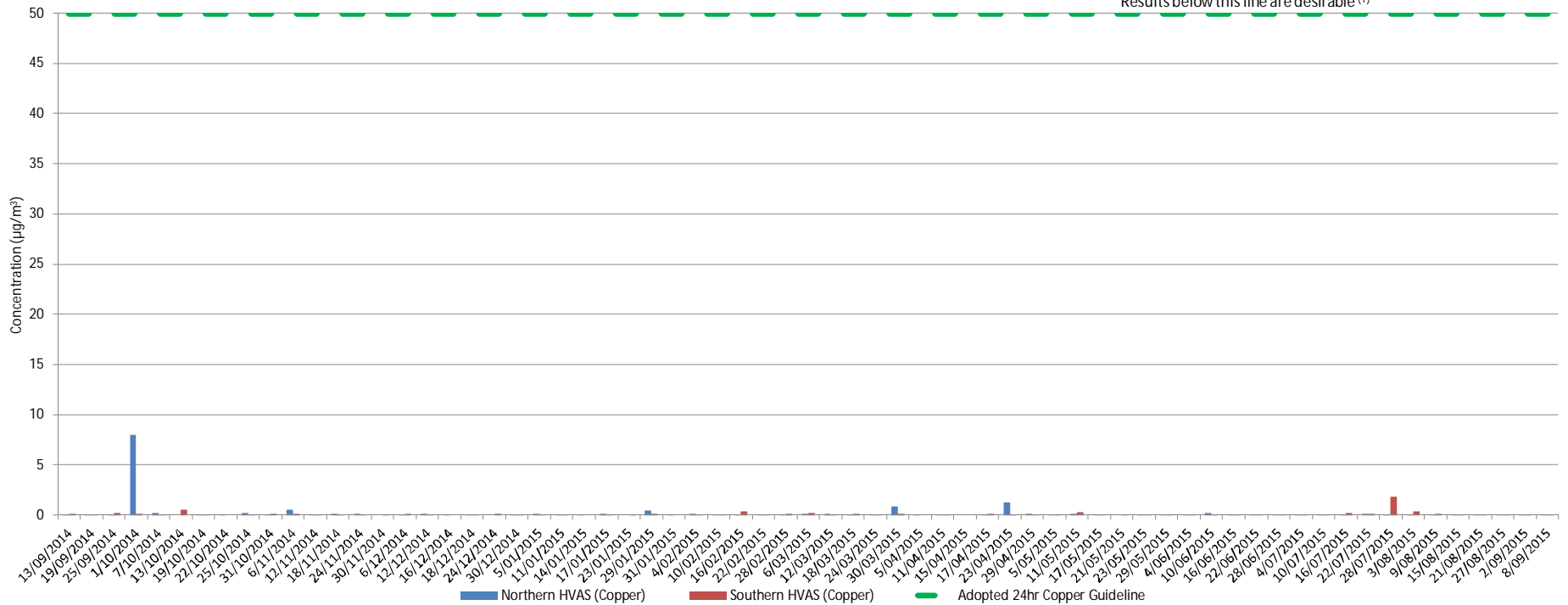
Sampling Date	pH	Total Suspended Solids (mg/L)	Dissolved Cu (mg/L)	Total Cu (mg/L)	Dissolved Pb (mg/L)	Total Pb (mg/L)	Dissolved Zn (mg/L)	Total Zn (mg/L)	Data Comments
24/08/2015	6.5	17.0	0.275	0.428	0.256	0.721	18.2	16.9	

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
24/08/2015	6.9	27.0	0.061	0.491	0.182	1.40	1.670	3.01	

ConPorts Pty Ltd - 24 Hour Copper

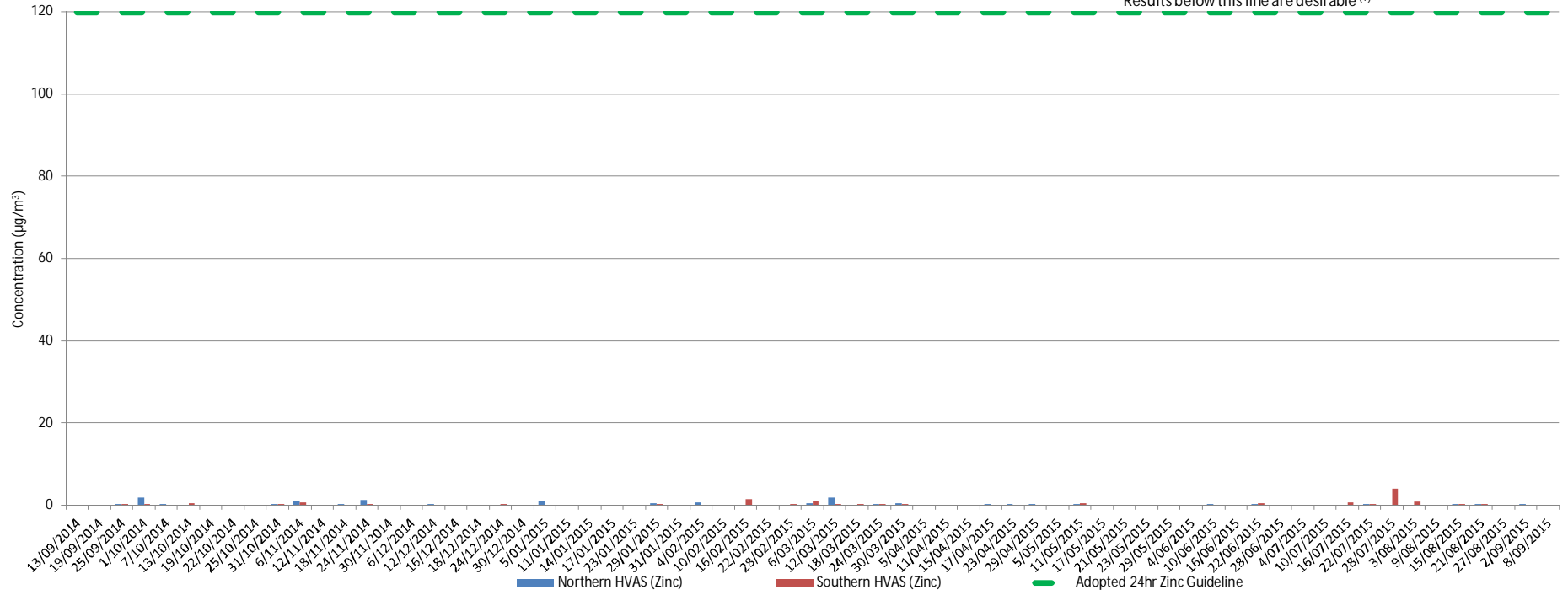
Results below this line are desirable ⁽¹⁾



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

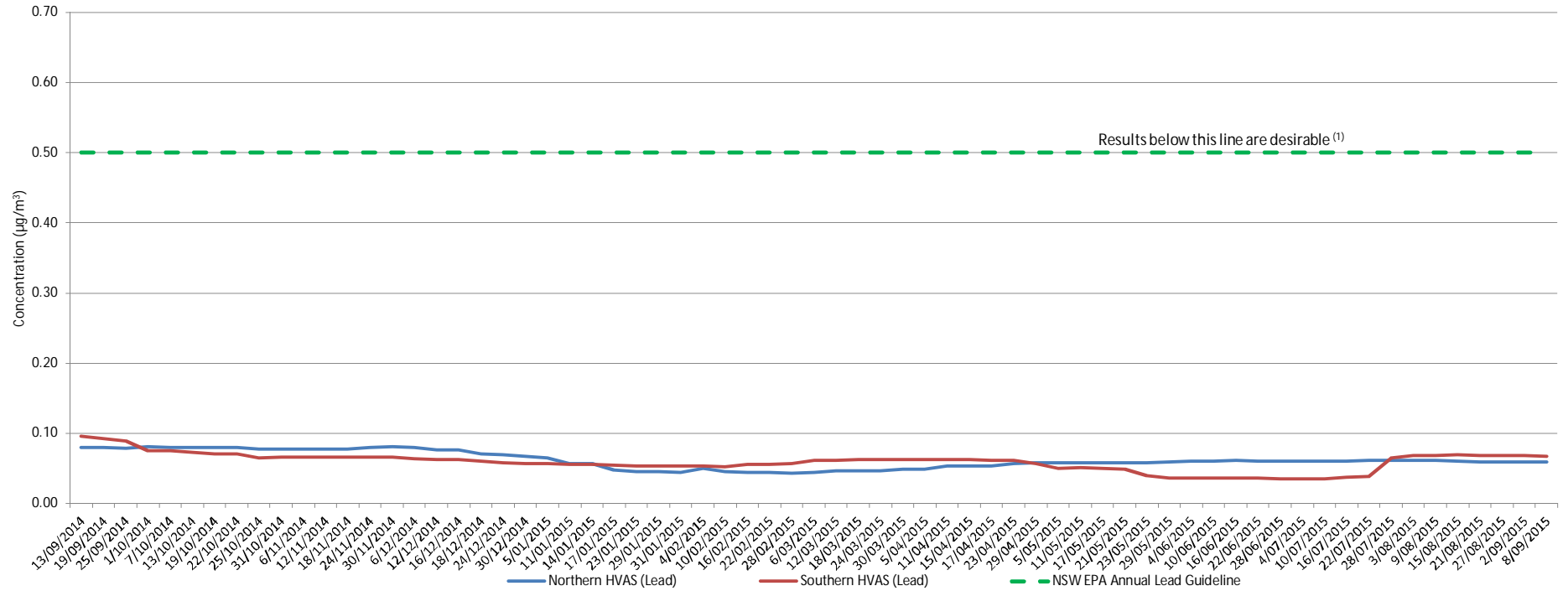
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



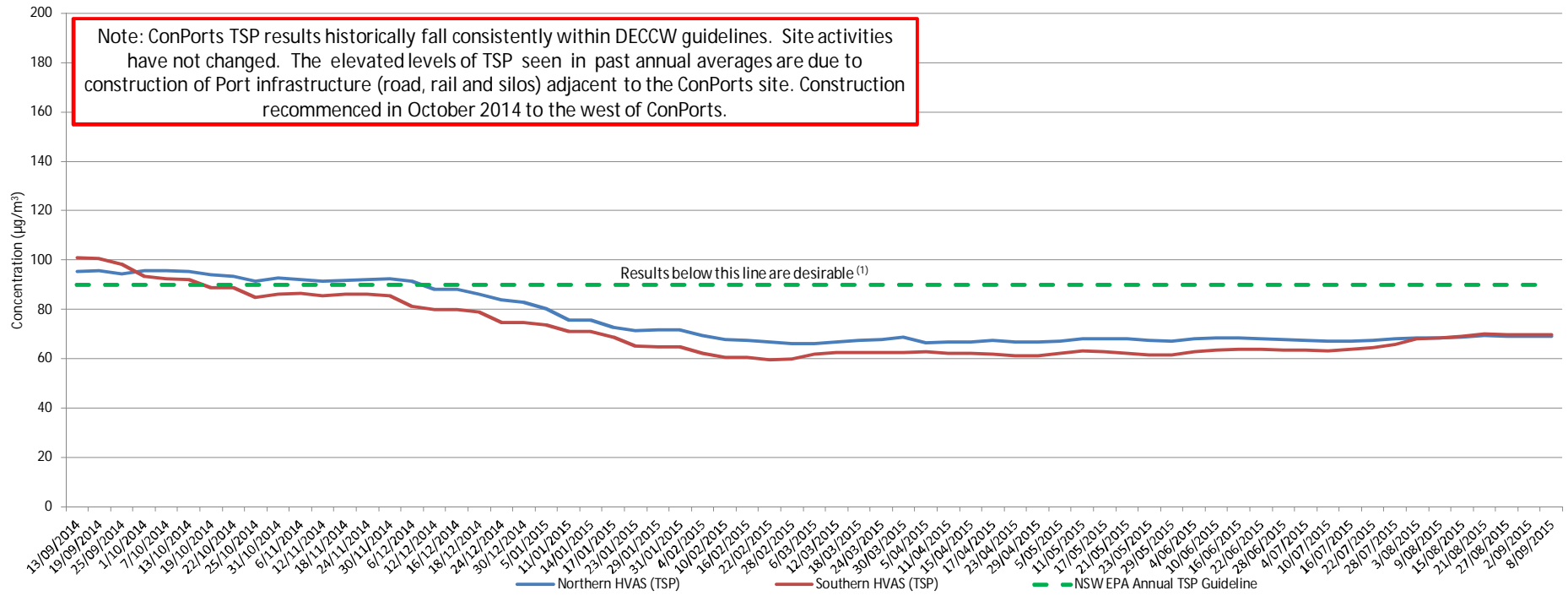
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

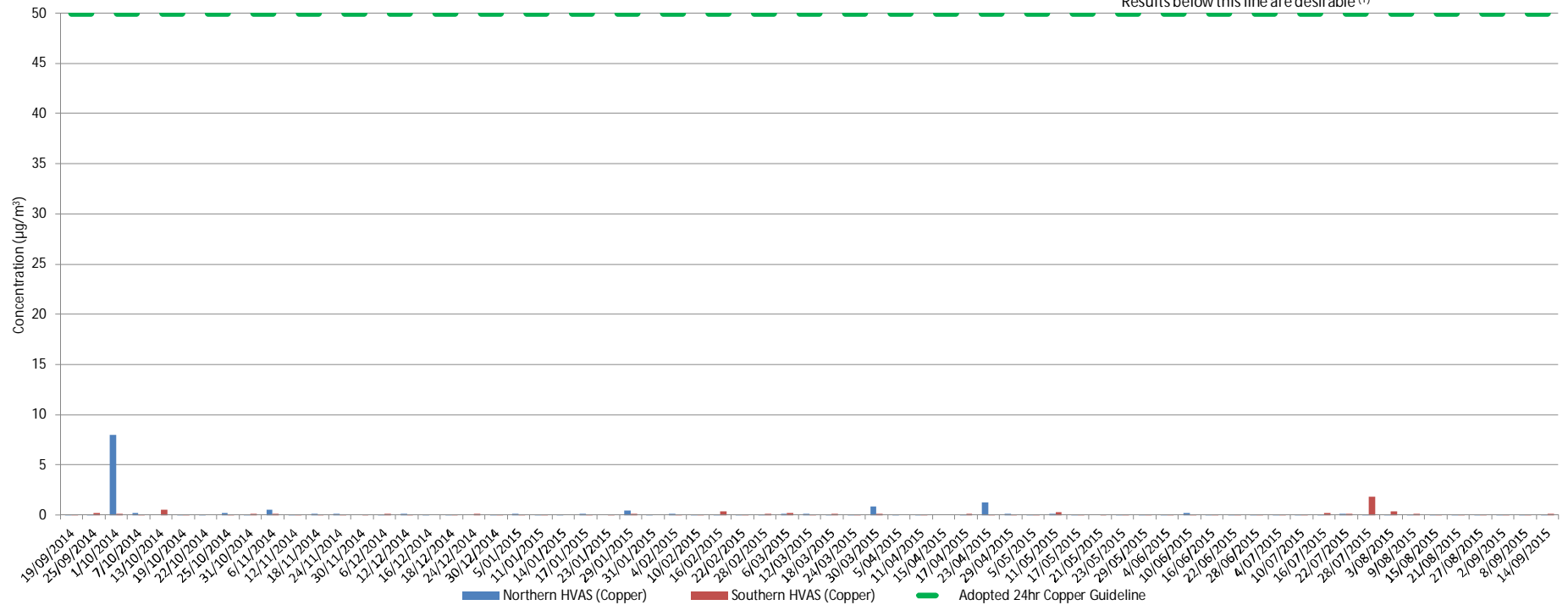
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	

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
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418	North sampler incomplete run
7/10/2014	99.5	0.209	0.023	0.23	121.0	0.081	0.025	0.159	

ConPorts Pty Ltd - 24 Hour Copper

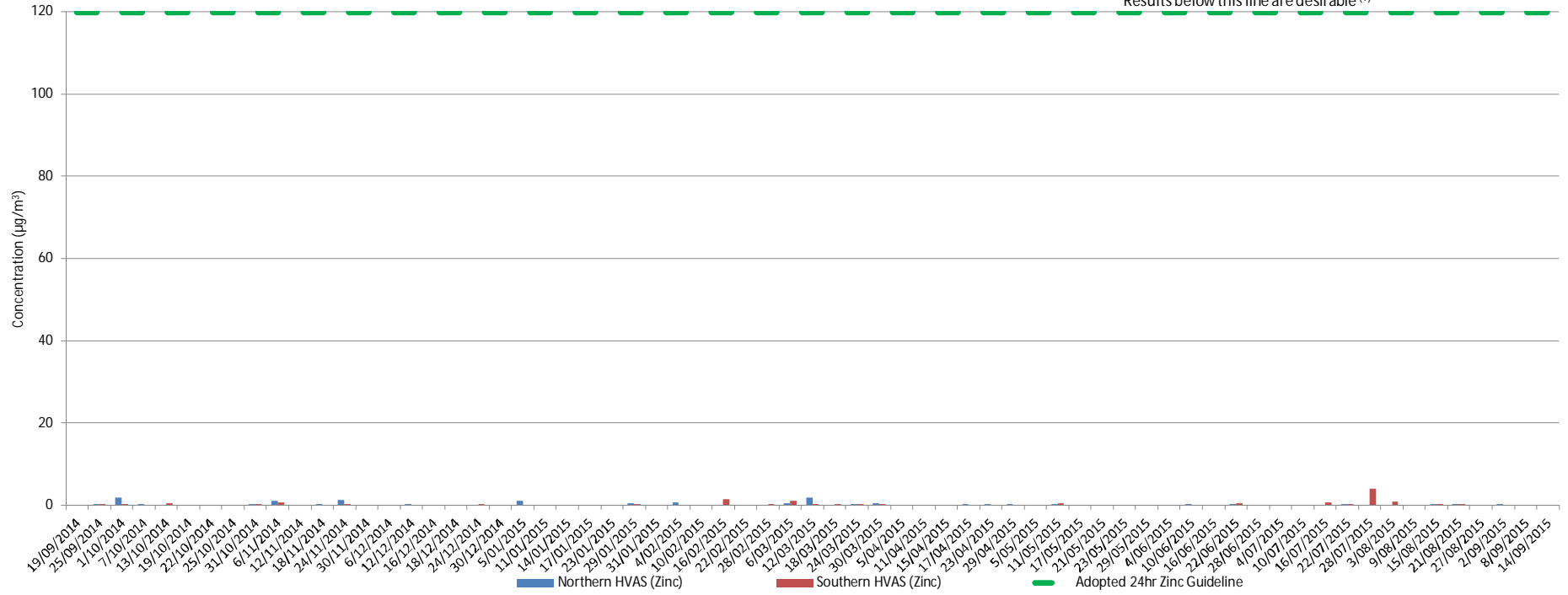
Results below this line are desirable ⁽¹⁾



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

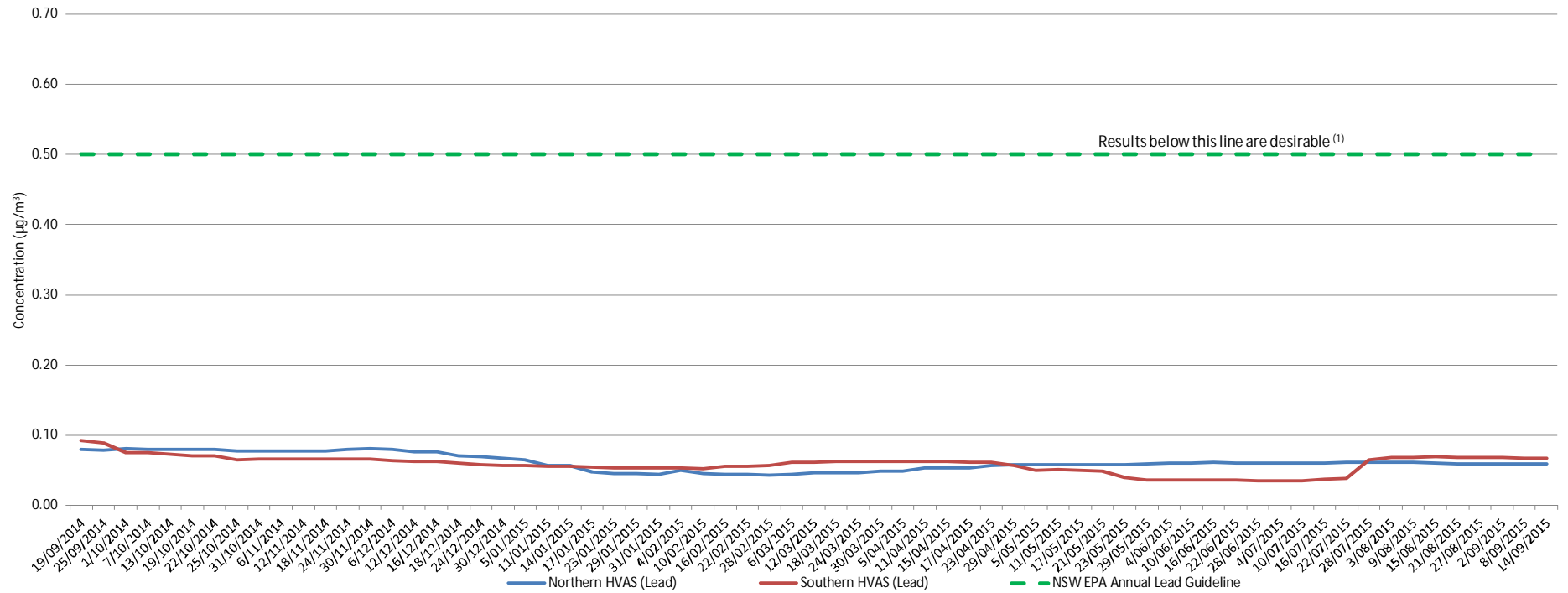
ConPorts Pty Ltd - 24 Hour Zinc

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

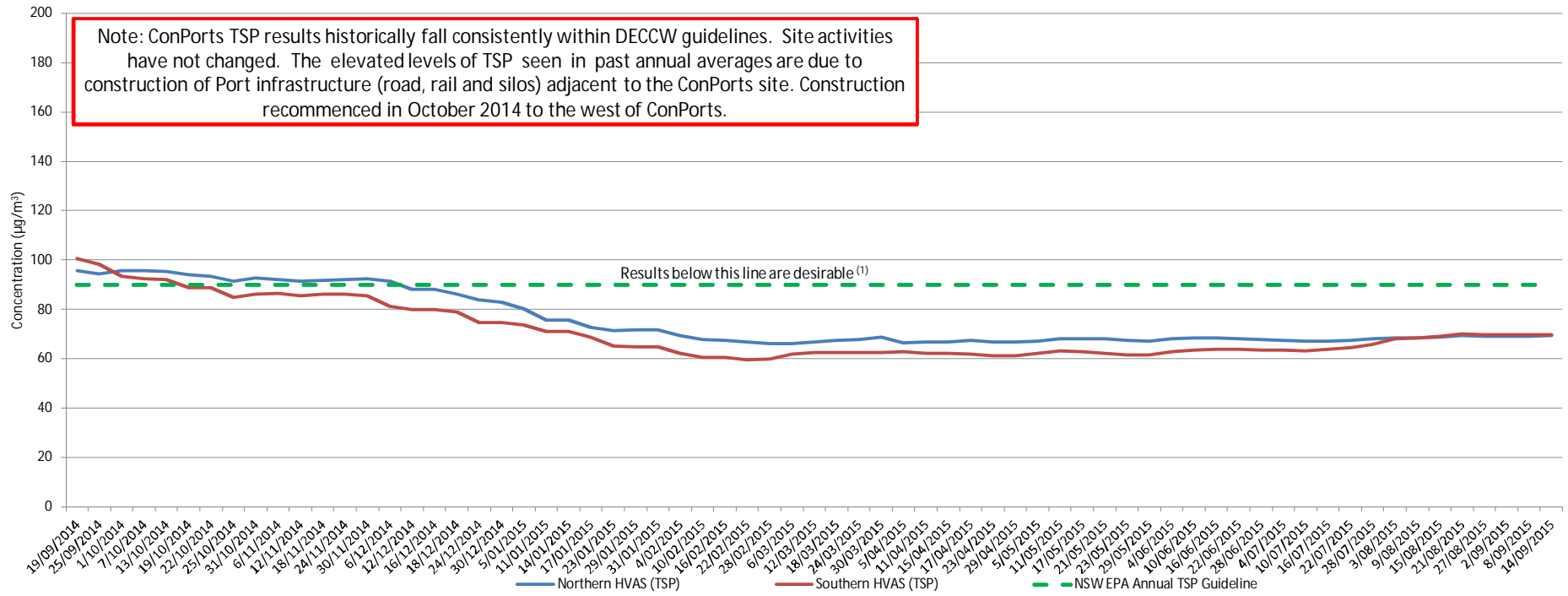
ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽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

Note: ConPorts TSP results historically fall consistently within DECCW guidelines. Site activities have not changed. The elevated levels of TSP seen in past annual averages are due to construction of Port infrastructure (road, rail and silos) adjacent to the ConPorts site. Construction recommenced in October 2014 to the west of ConPorts.



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

ConPorts Pty - Air Monitoring HVAS Results

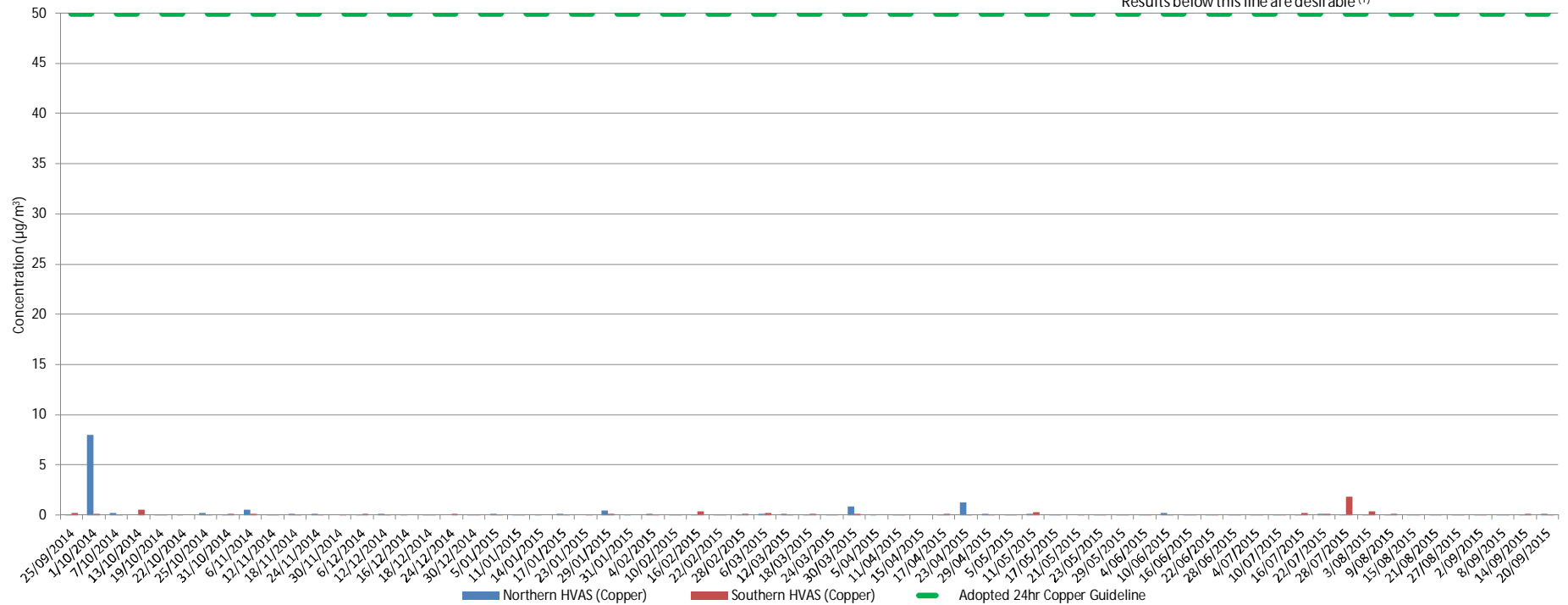
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	

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	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Zinc	Comments
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	DNR	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138		
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-		Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049		
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093		
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190		
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224		North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073		
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-		Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089		
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204		
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126		North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232		
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200		
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110		
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724		
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323		
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095		
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-		Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045		
13/10/2014	DNR	DNR	DNR	DNR	116.0	0.536	0.058	0.418		North sampler incomplete run

ConPorts Pty Ltd - 24 Hour Copper

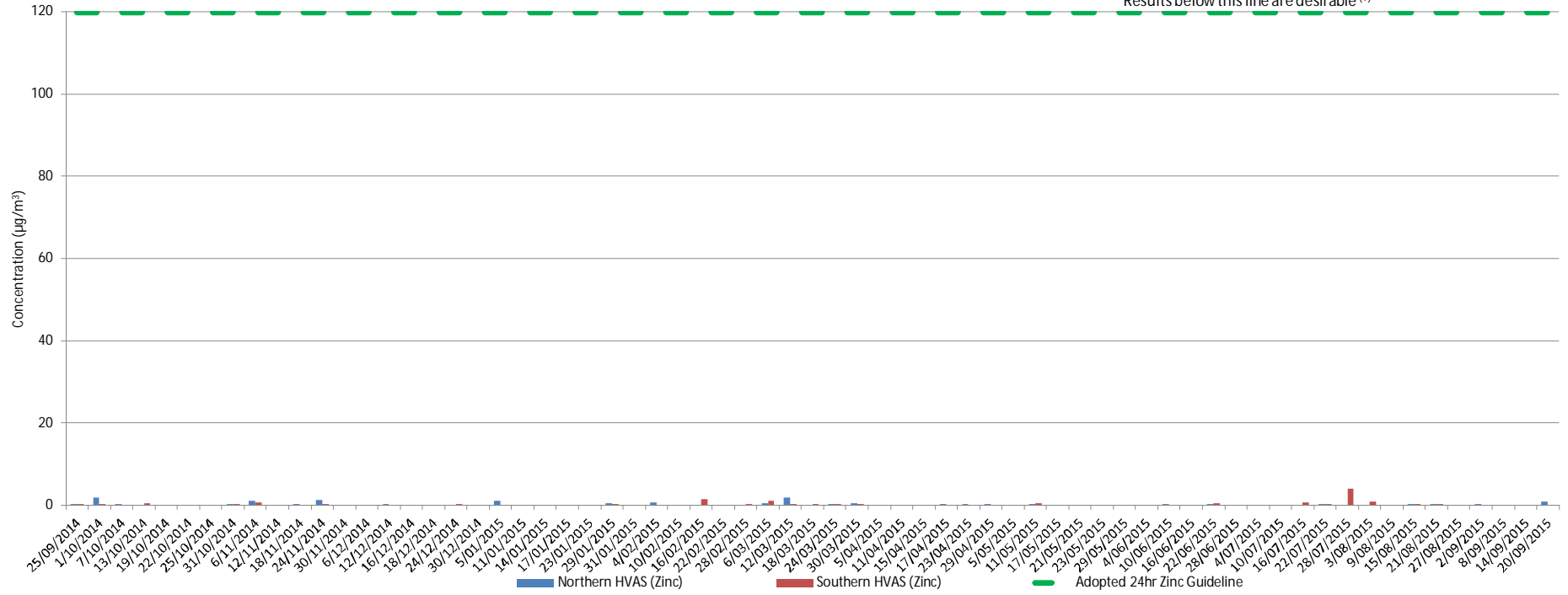
Results below this line are desirable ⁽¹⁾



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

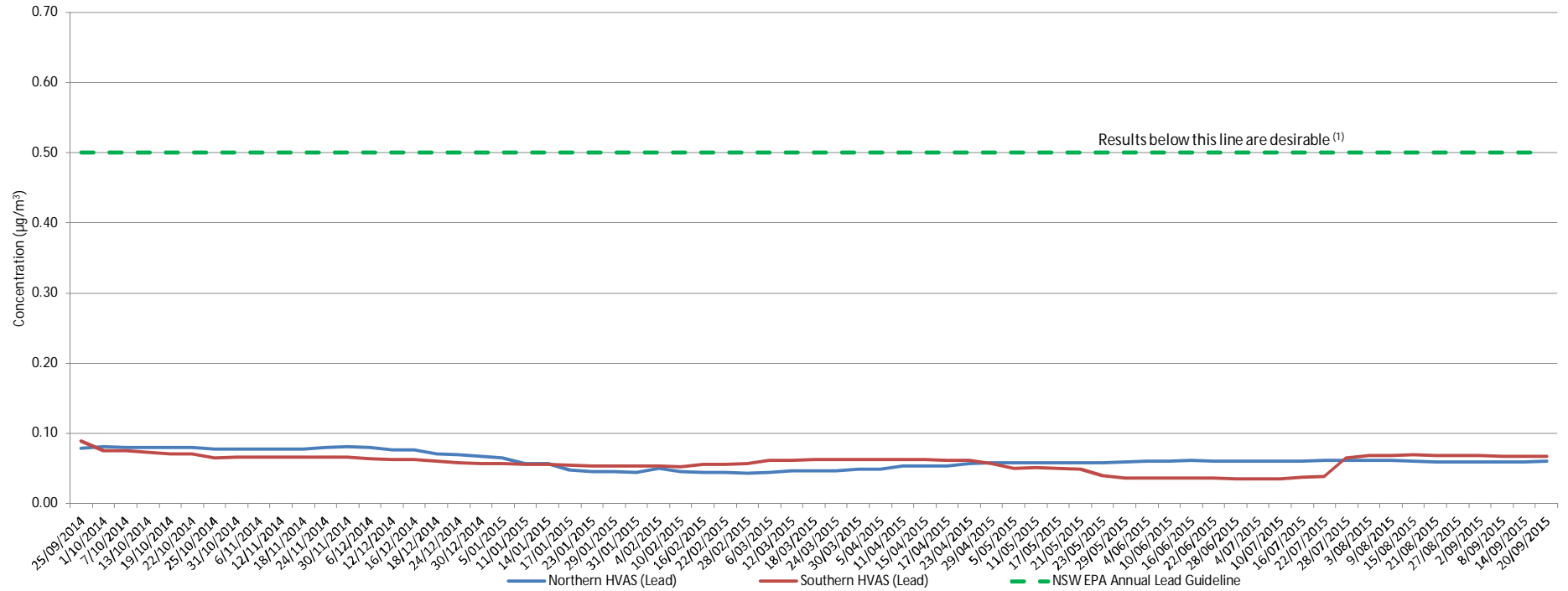
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



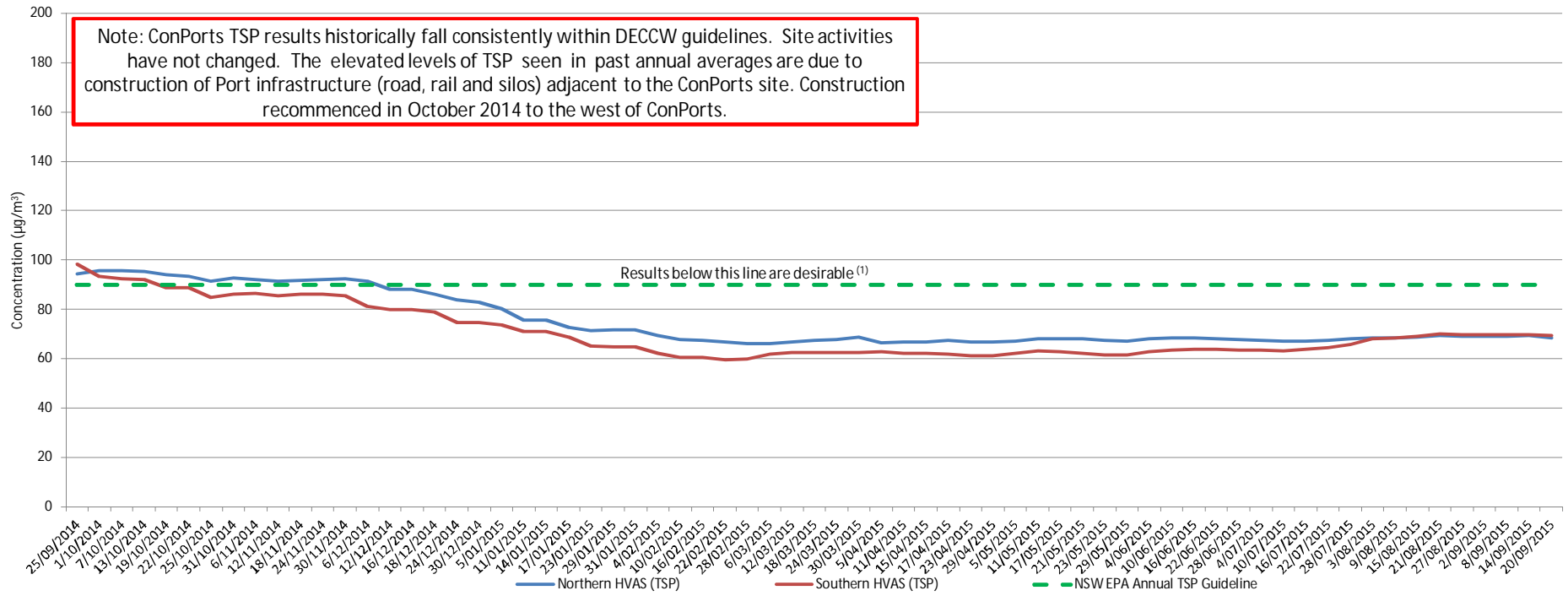
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽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

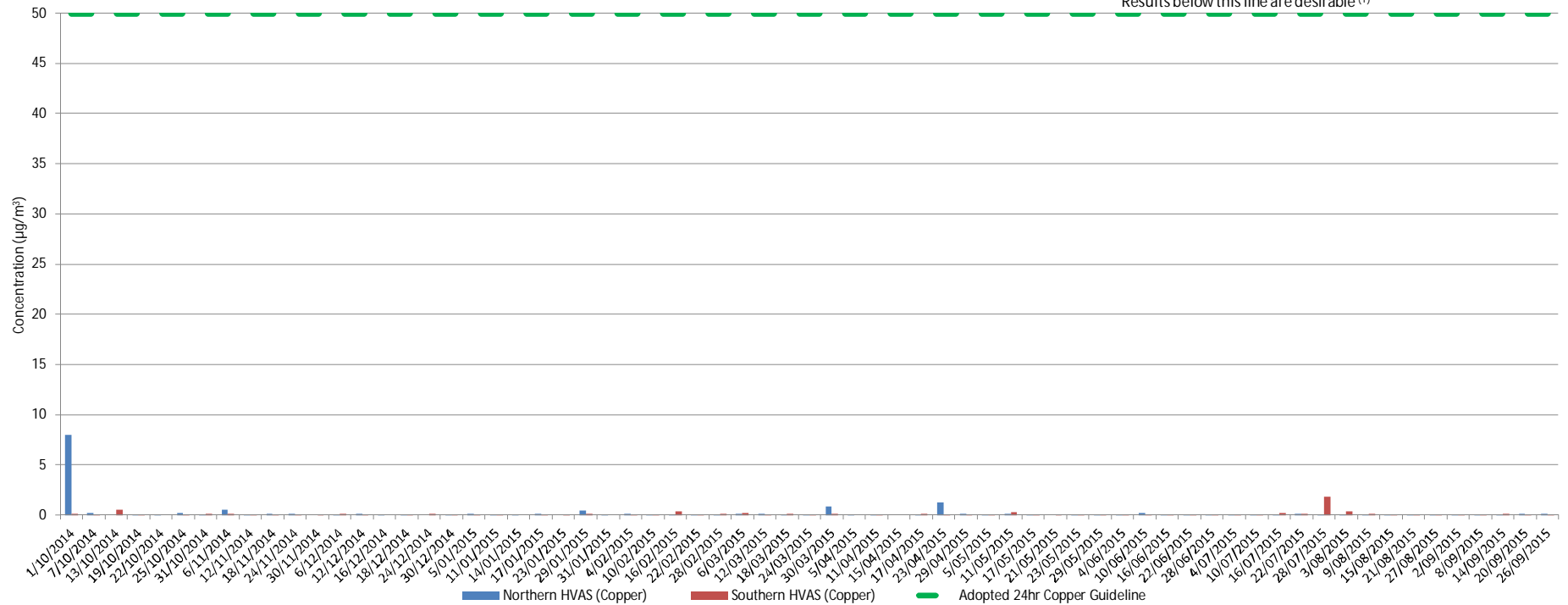
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
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4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	

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
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.
19/10/2014	47.9	0.020	0.018	0.19	54.5	0.025	0.009	0.045	

ConPorts Pty Ltd - 24 Hour Copper

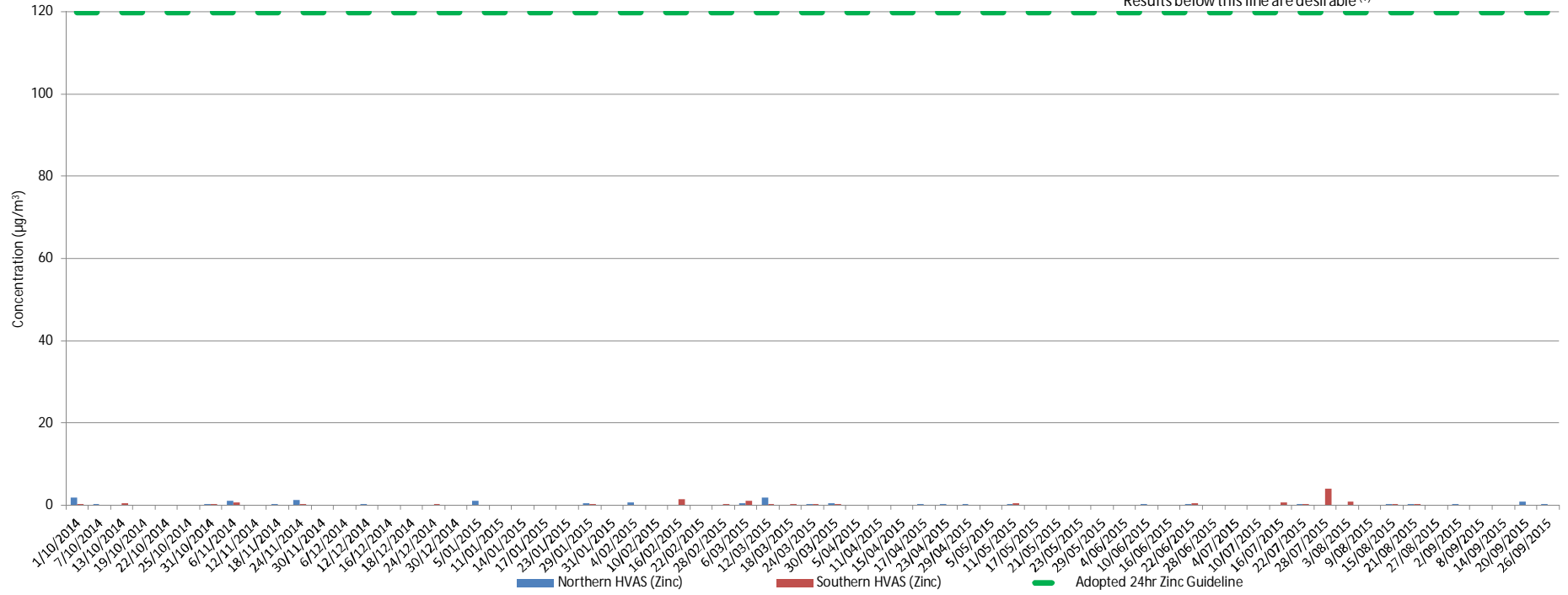
Results below this line are desirable ⁽¹⁾



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

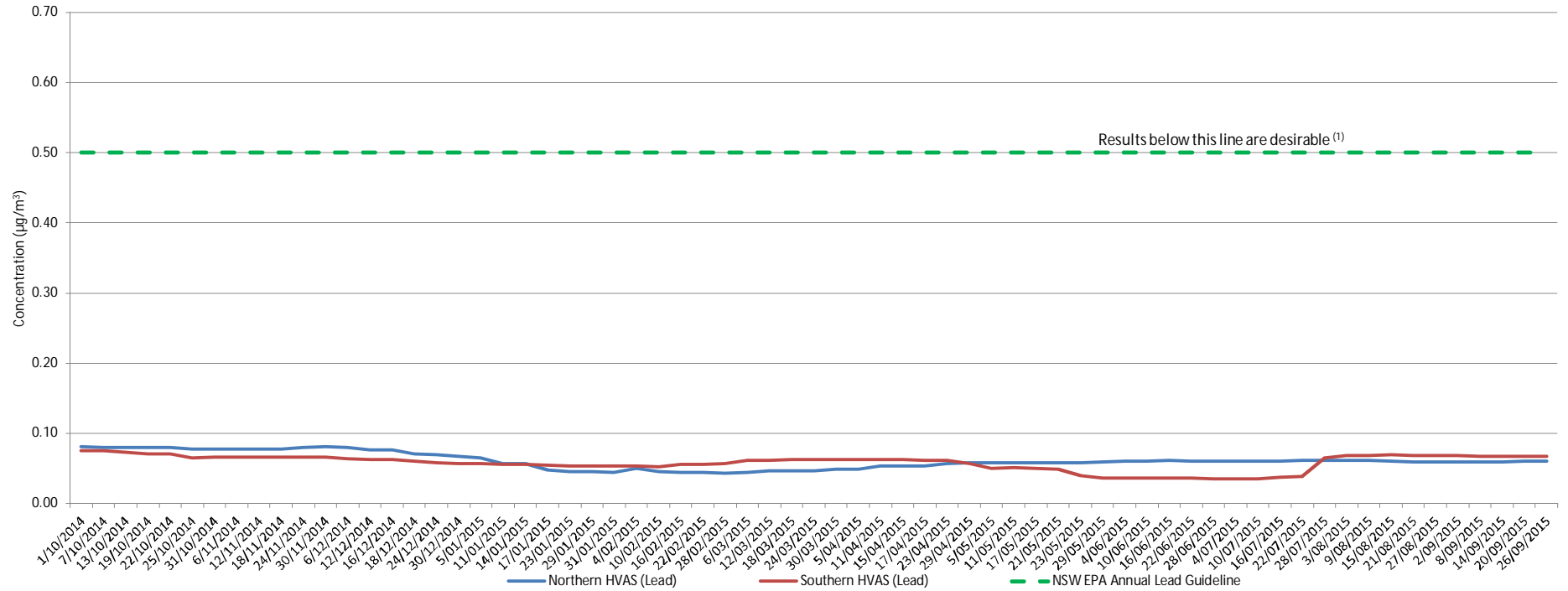
ConPorts Pty Ltd - 24 Hour Zinc

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

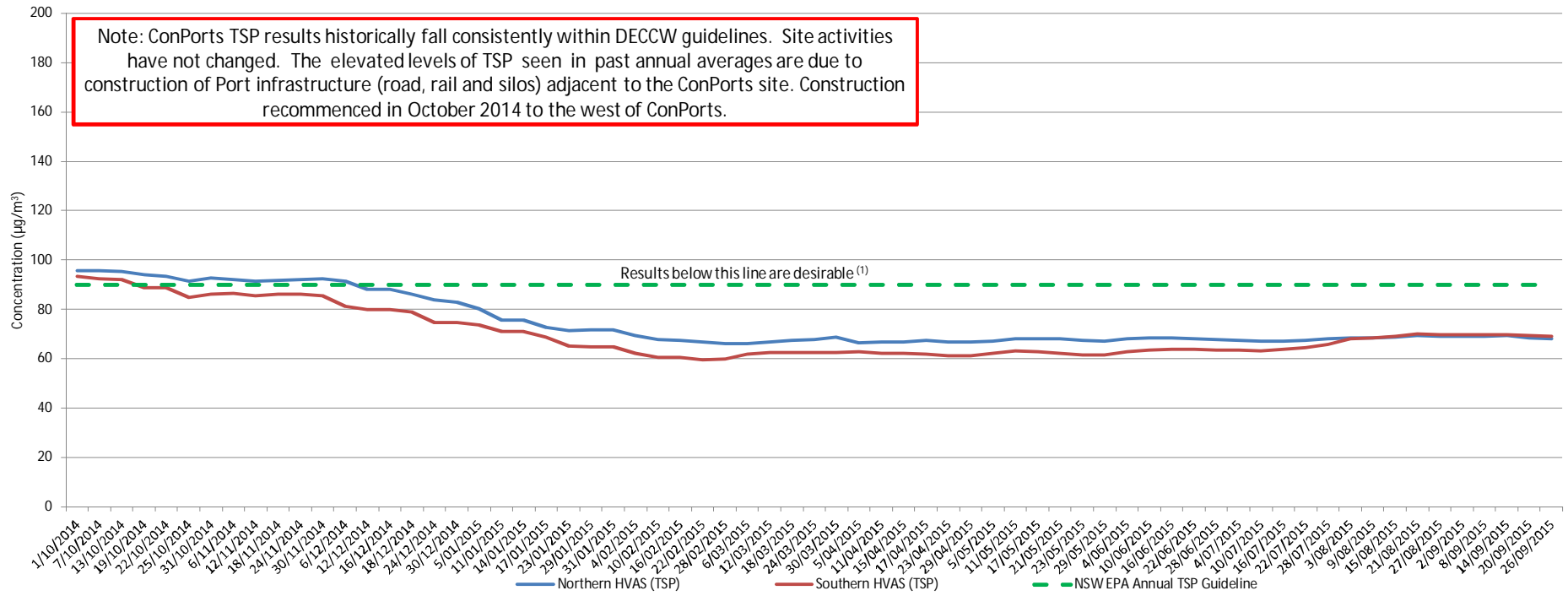
ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



⁽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

Note: ConPorts TSP results historically fall consistently within DECCW guidelines. Site activities have not changed. The elevated levels of TSP seen in past annual averages are due to construction of Port infrastructure (road, rail and silos) adjacent to the ConPorts site. Construction recommenced in October 2014 to the west of ConPorts.



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

ConPorts Pty - Air Monitoring HVAS Results

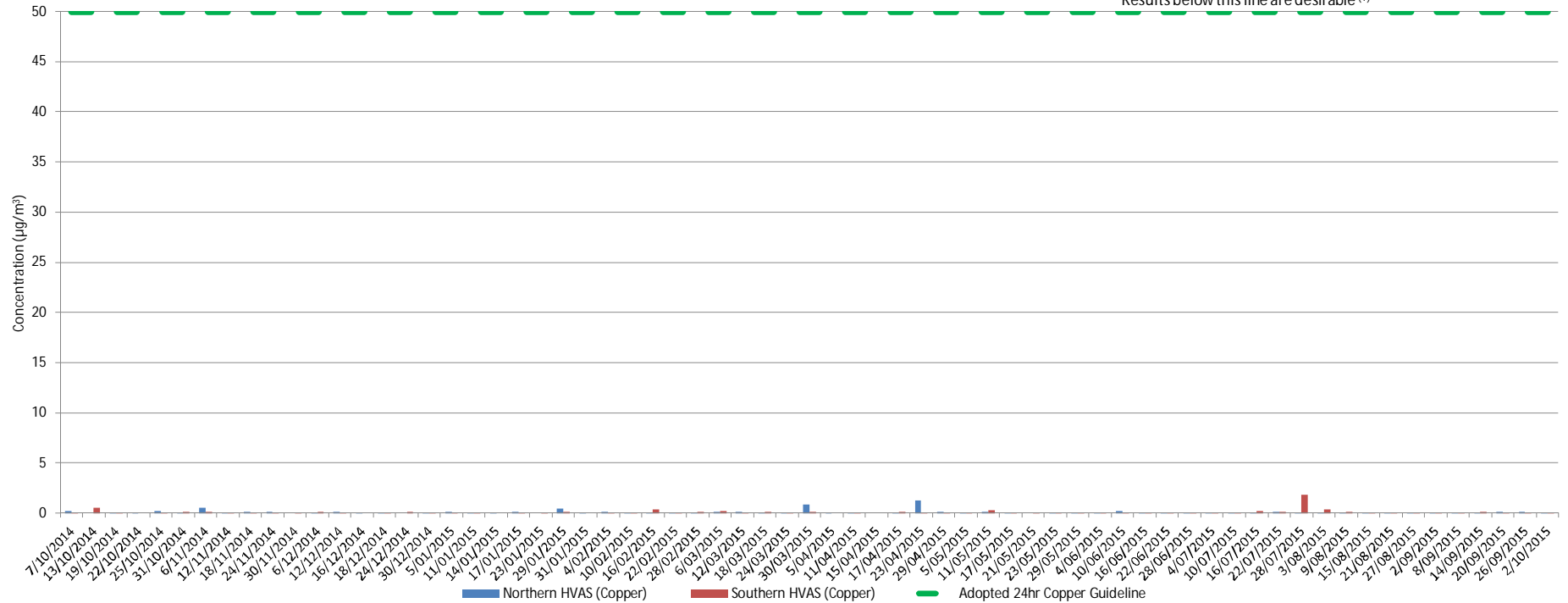
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	

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
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	
22/10/2014	46.8	0.008	<0.007	0.04	-	-	-	-	Catch up sample at North location.

ConPorts Pty Ltd - 24 Hour Copper

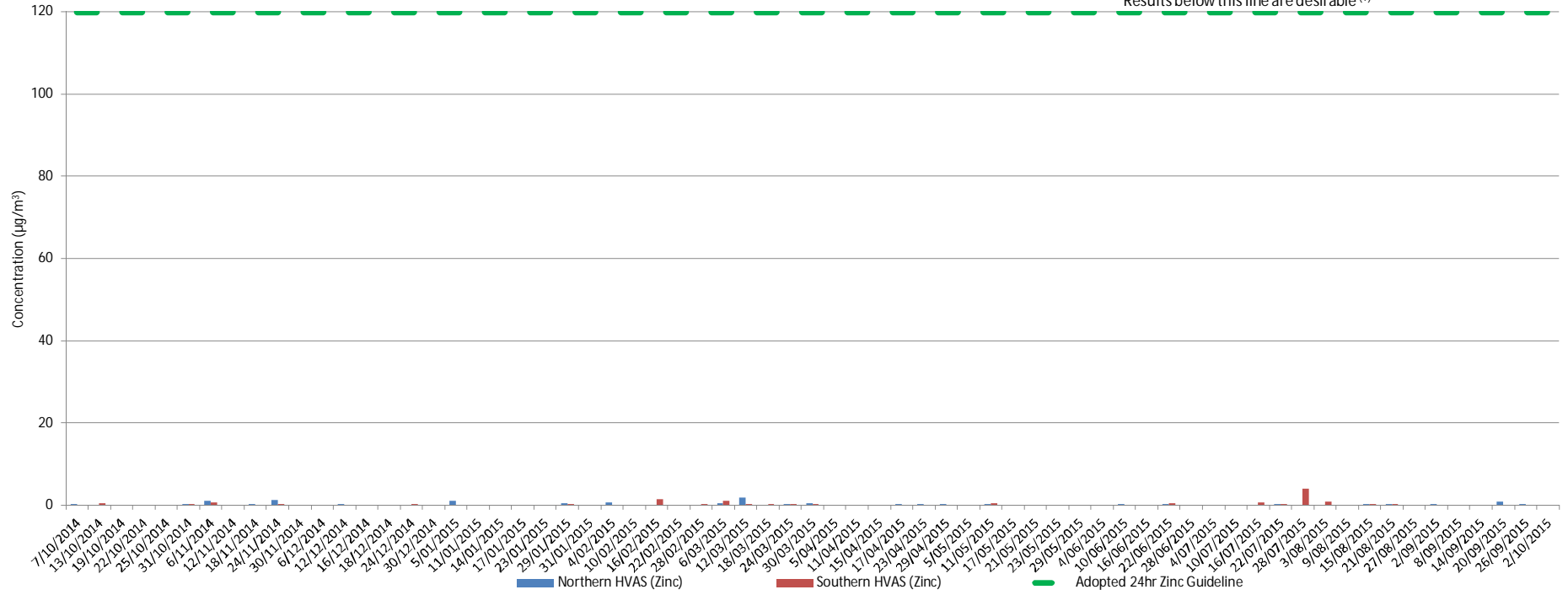
Results below this line are desirable ⁽¹⁾



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

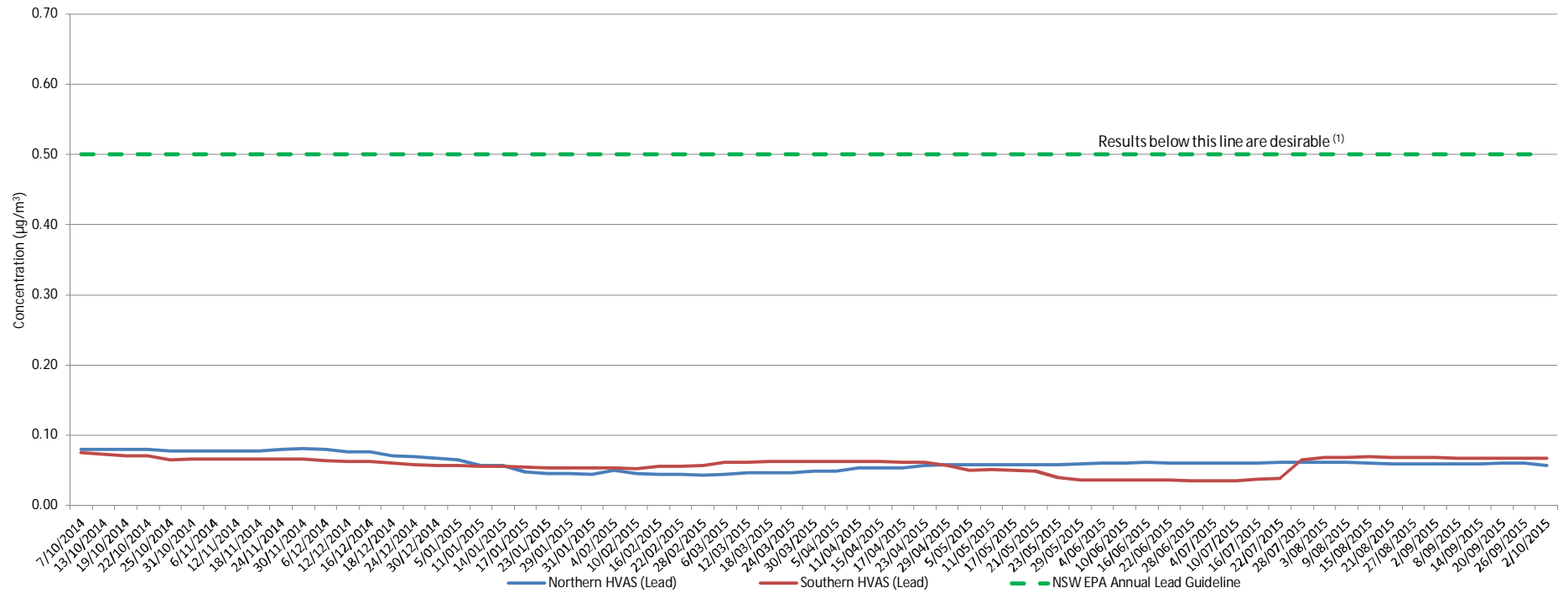
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



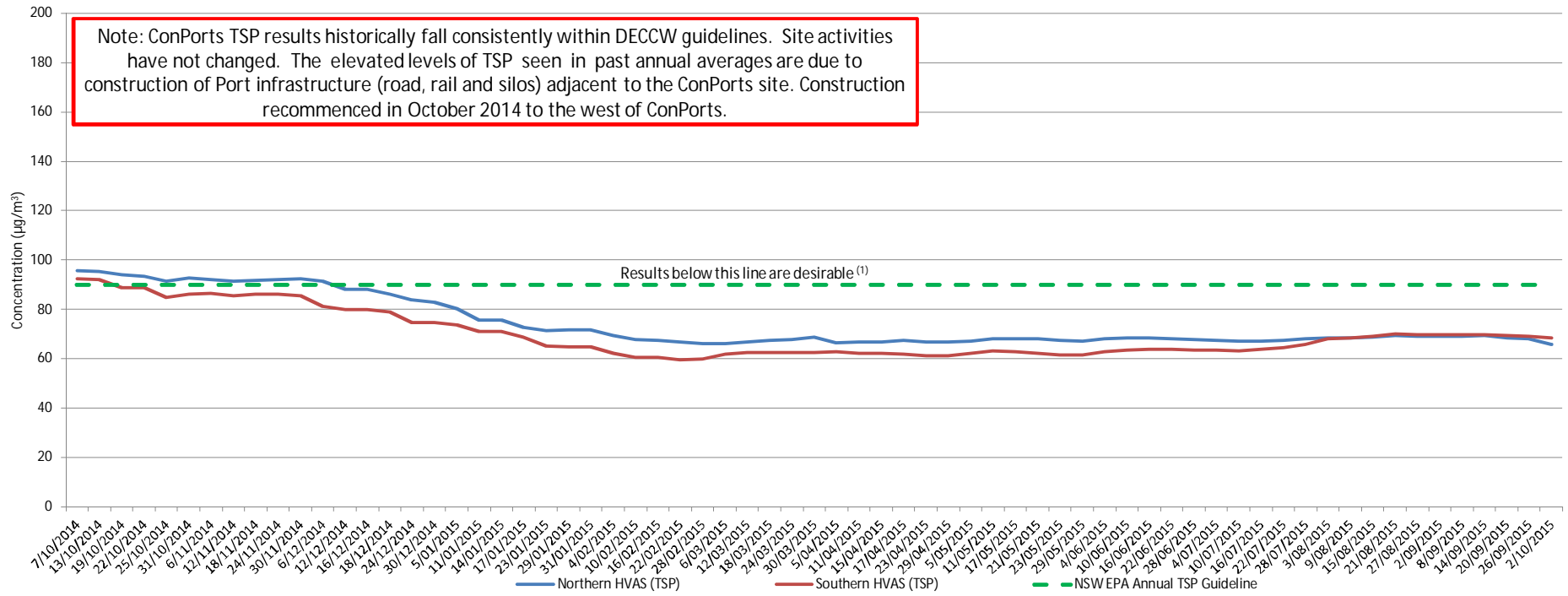
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	

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
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	
25/10/2014	68.1	0.241	0.014	0.16	64.0	0.040	0.007	0.095	

ConPorts Pty - Water Quality Monitoring Results

EPL Monitoring Point 3 (STW3)

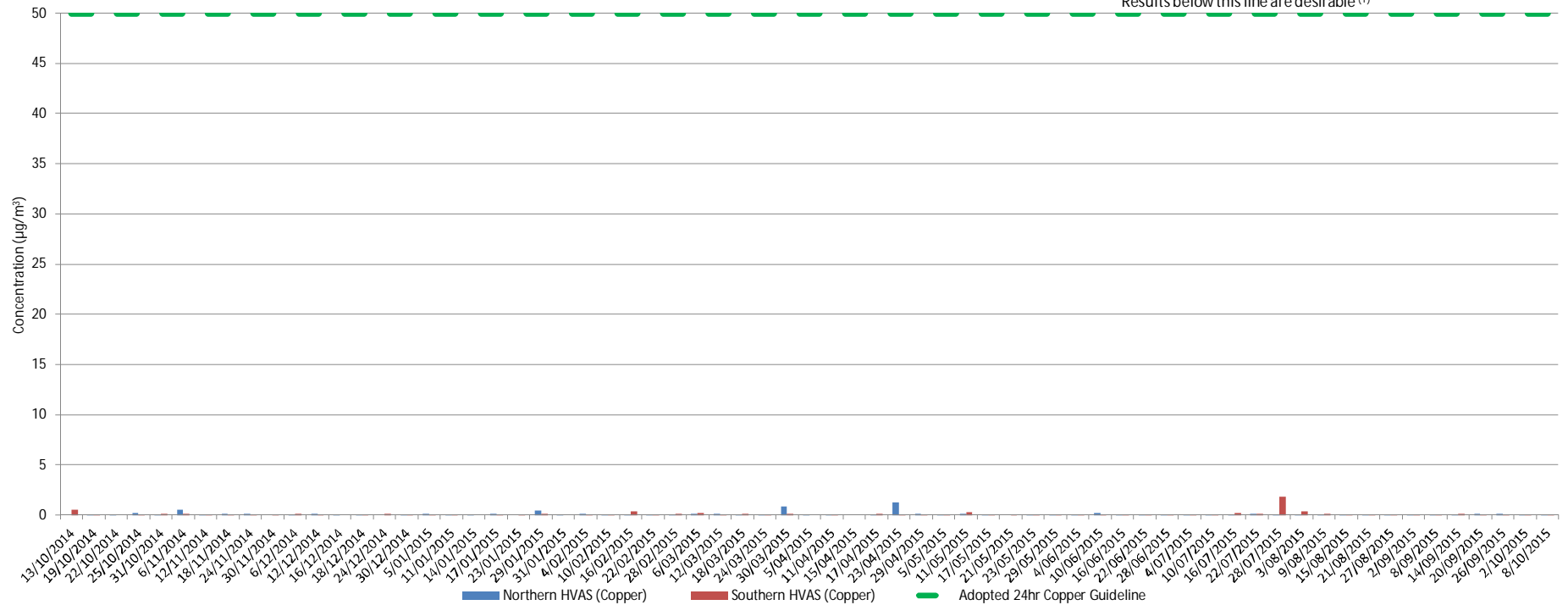
Sampling Date	pH	Total Suspended Solids (mg/L)	Dissolved Cu (mg/L)	Total Cu (mg/L)	Dissolved Pb (mg/L)	Total Pb (mg/L)	Dissolved Zn (mg/L)	Total Zn (mg/L)	Data Comments
4/09/2015	6.3	14.0	0.337	0.483	0.316	0.760	22.9	23.2	

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
4/09/2015	6.7	6.0	0.150	0.216	0.126	0.30	1.550	1.74	

ConPorts Pty Ltd - 24 Hour Copper

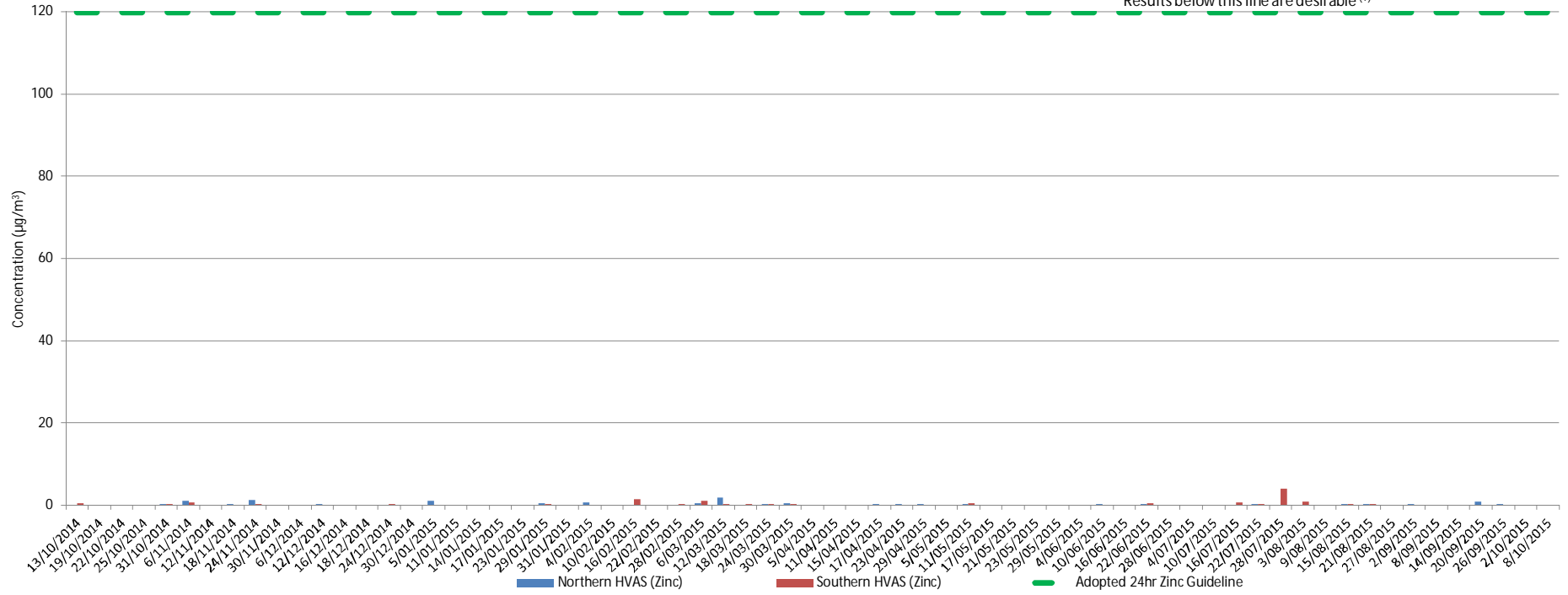
Results below this line are desirable ⁽¹⁾



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

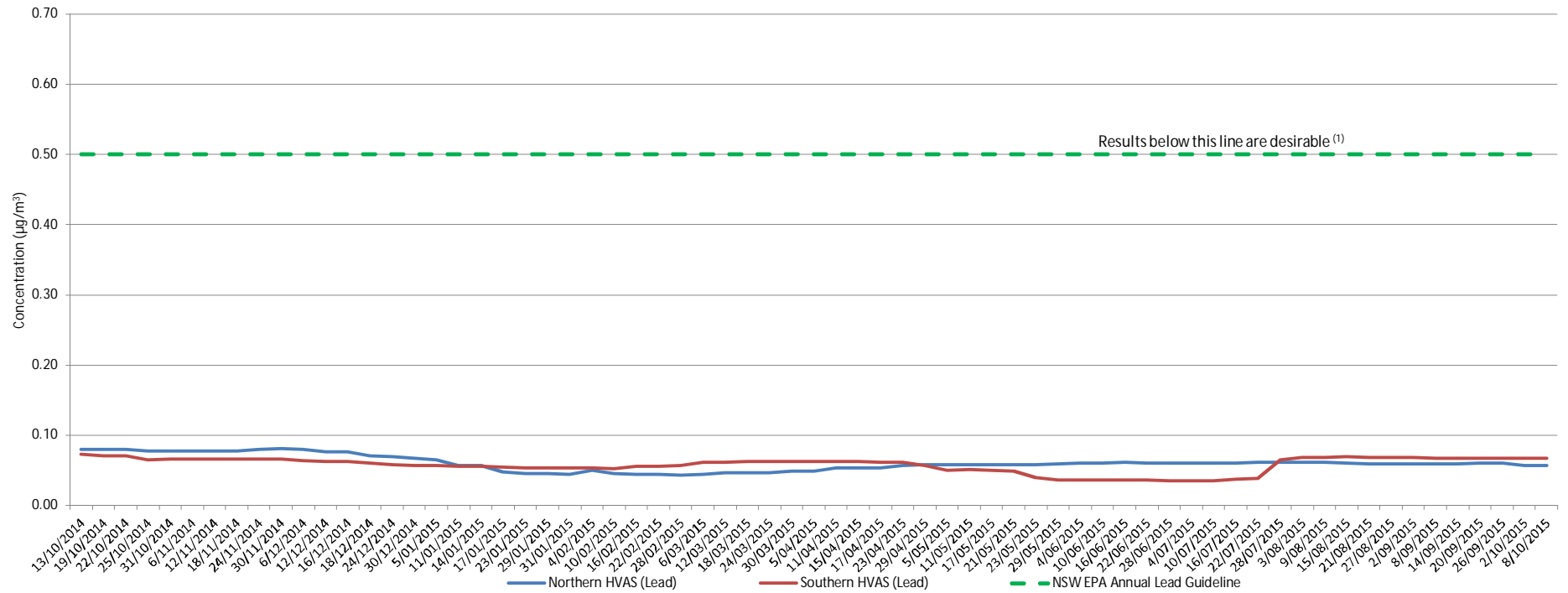
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



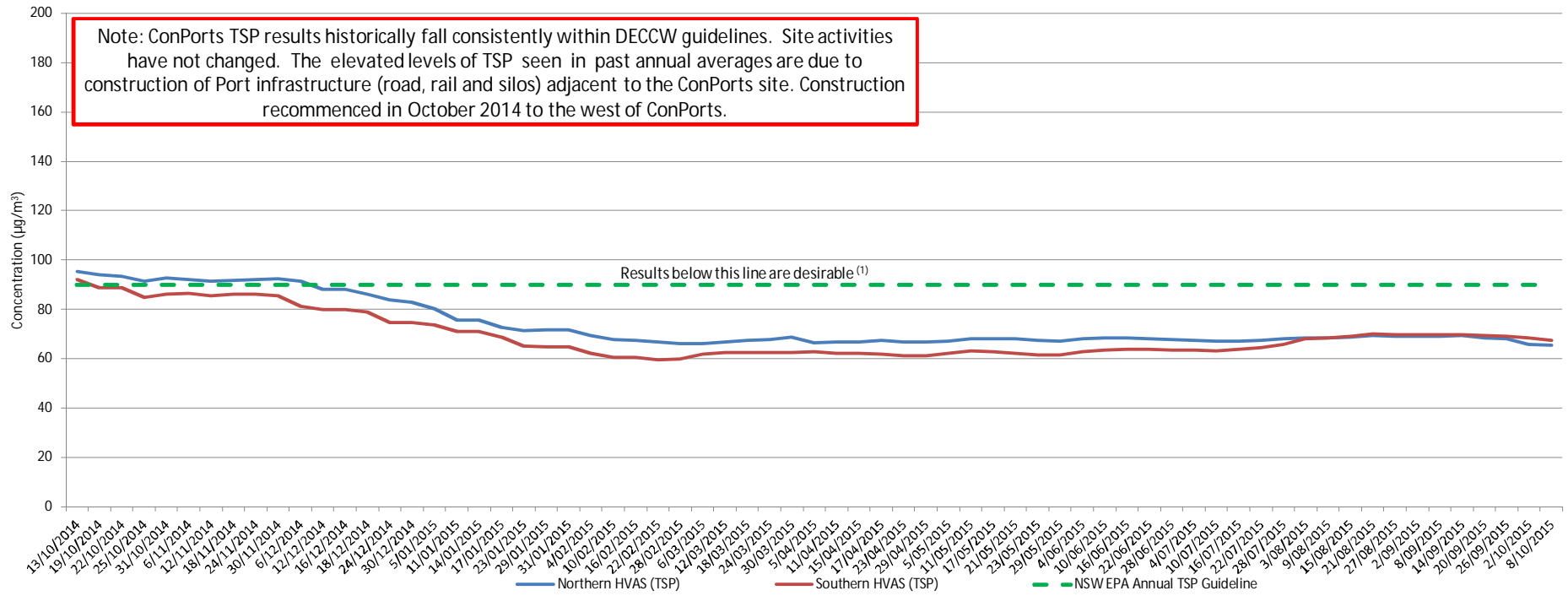
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

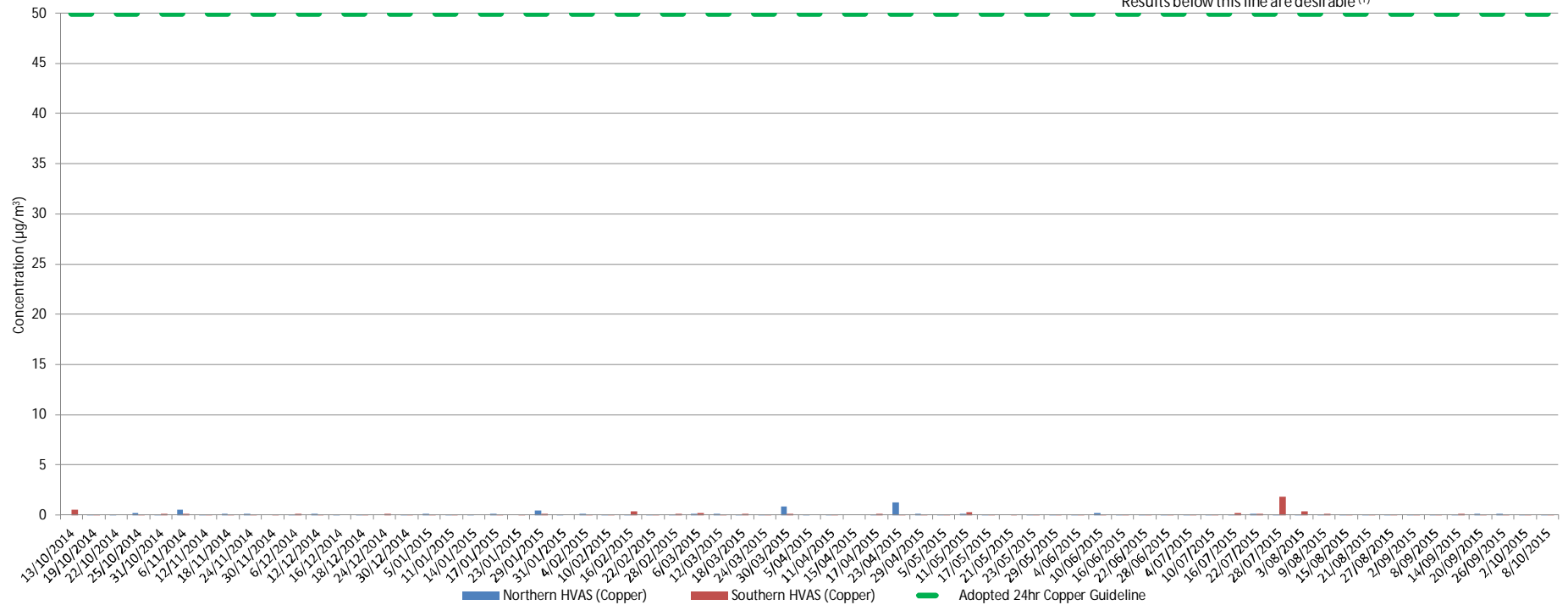
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	Catch up sample at South location
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	

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
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	
31/10/2014	132.0	0.085	0.043	0.27	135.0	0.160	0.050	0.323	

ConPorts Pty Ltd - 24 Hour Copper

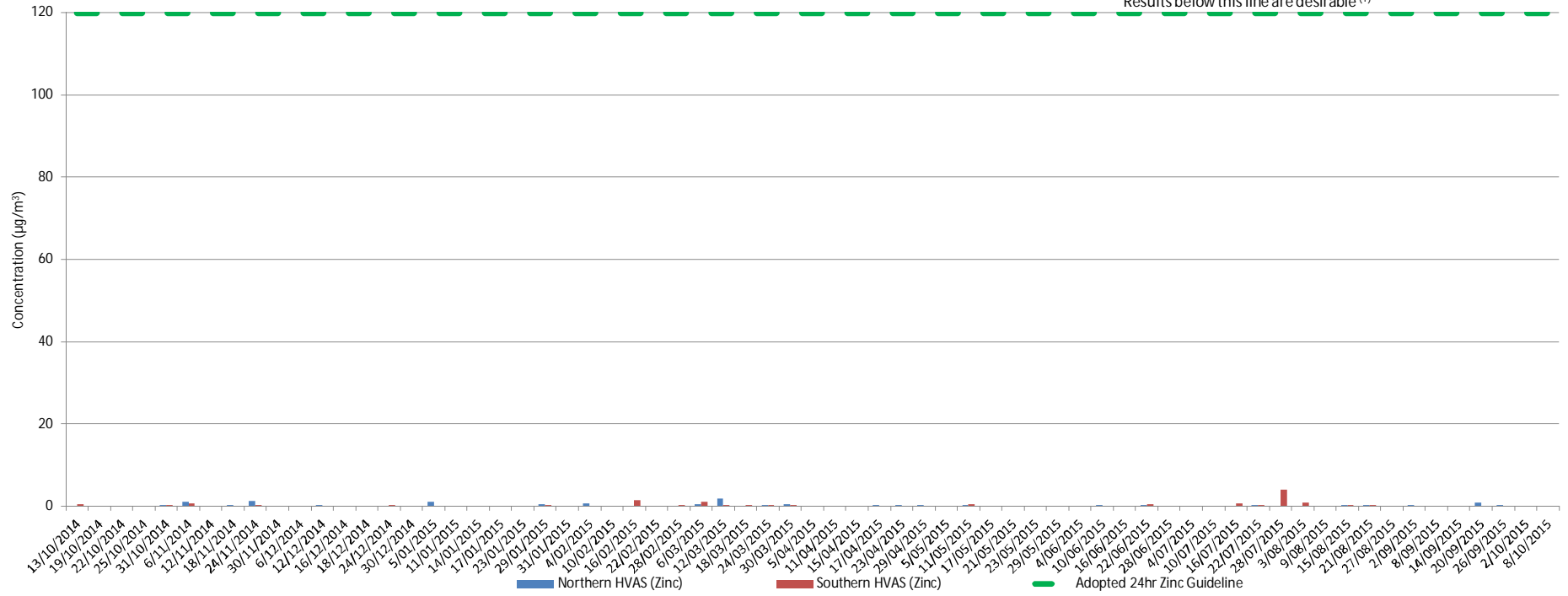
Results below this line are desirable ⁽¹⁾



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

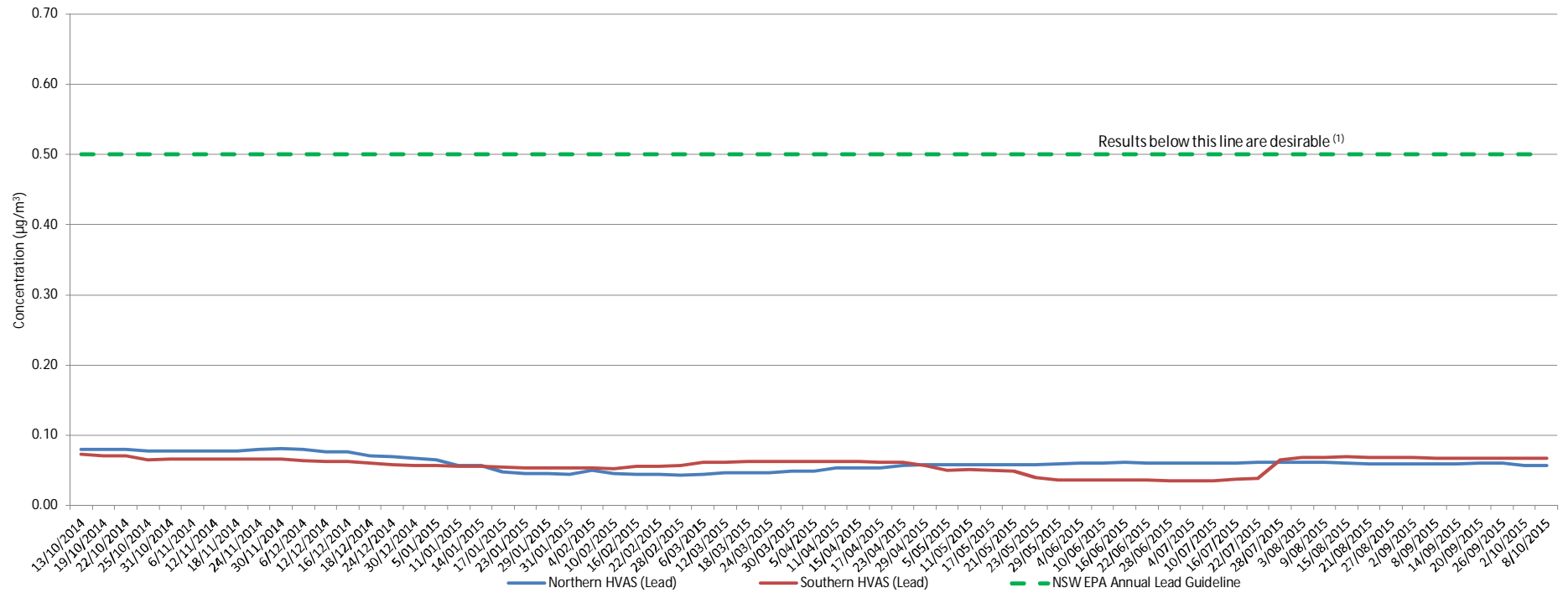
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



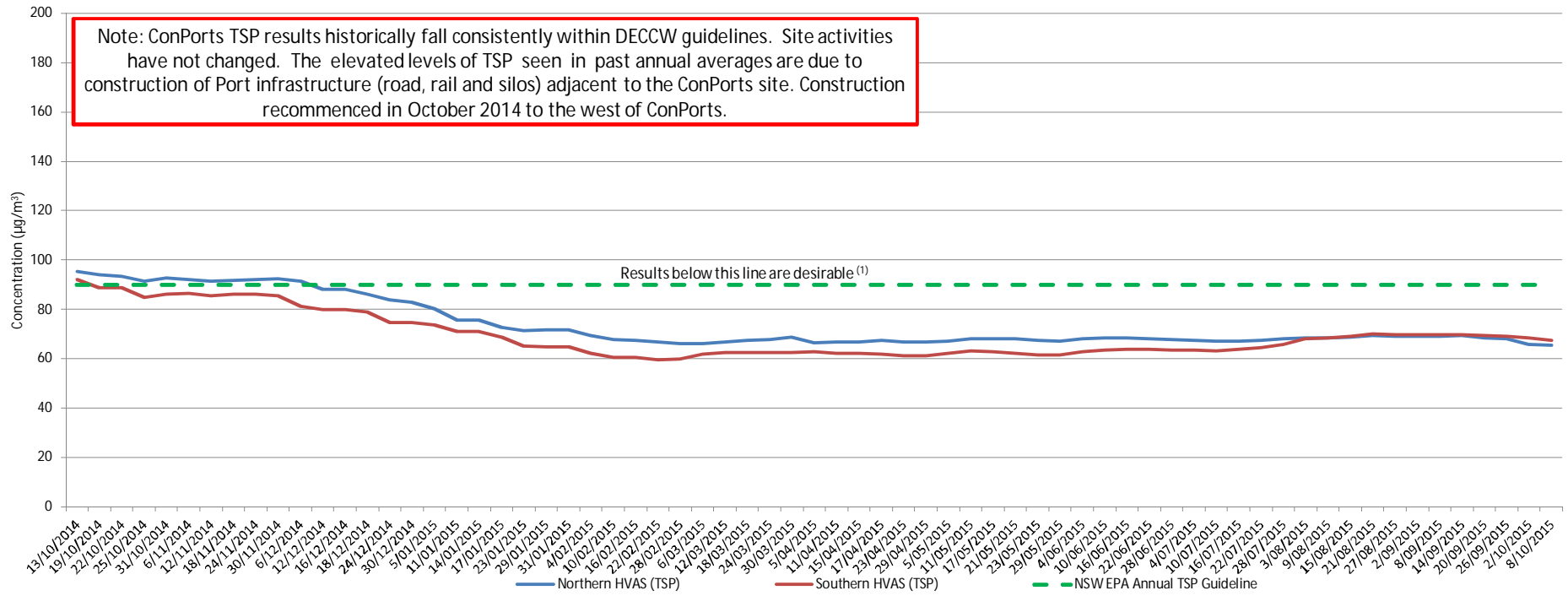
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

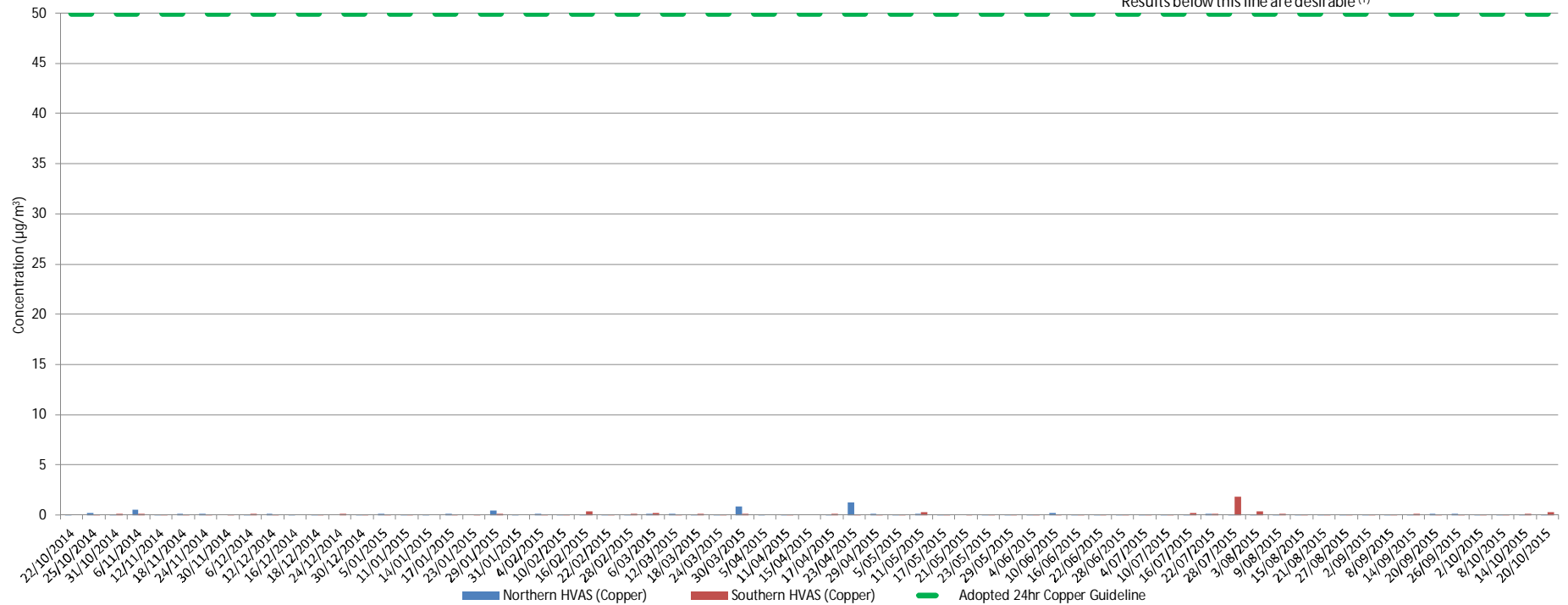
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	

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
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	
6/11/2014	71.7	0.522	0.100	1.07	80.8	0.098	0.057	0.724	

ConPorts Pty Ltd - 24 Hour Copper

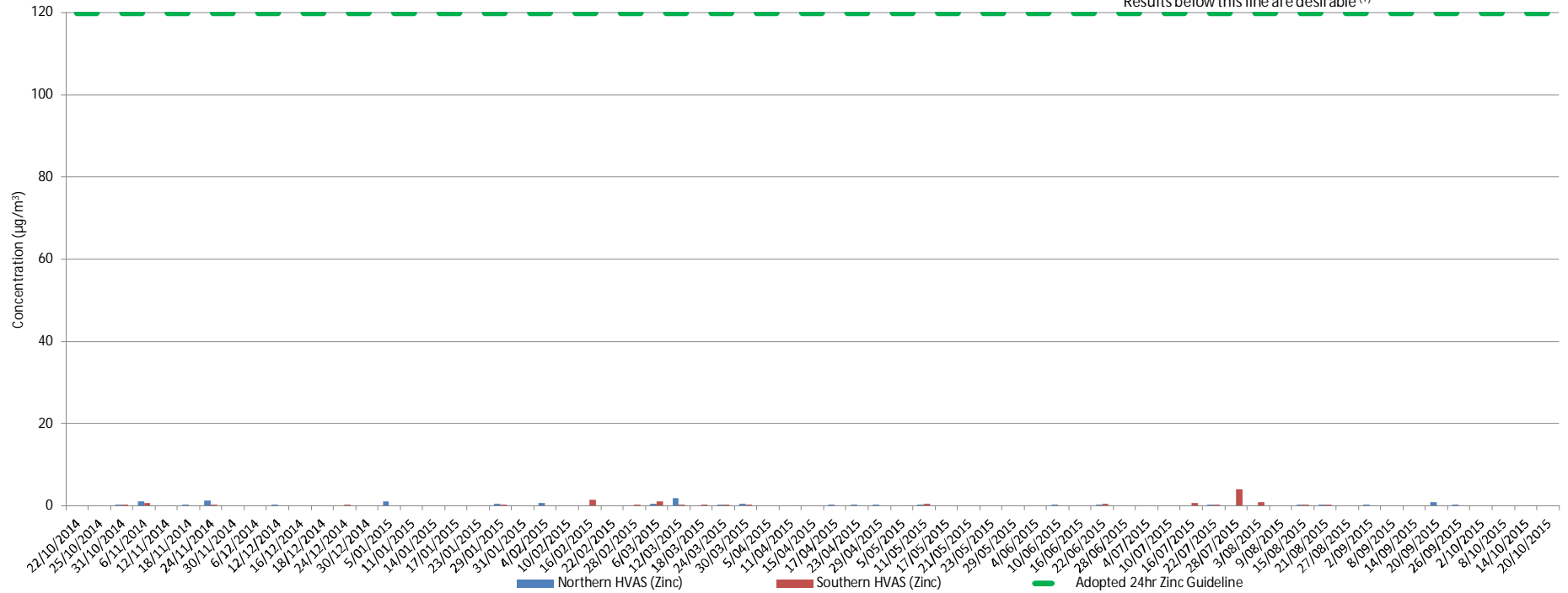
Results below this line are desirable ⁽¹⁾



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

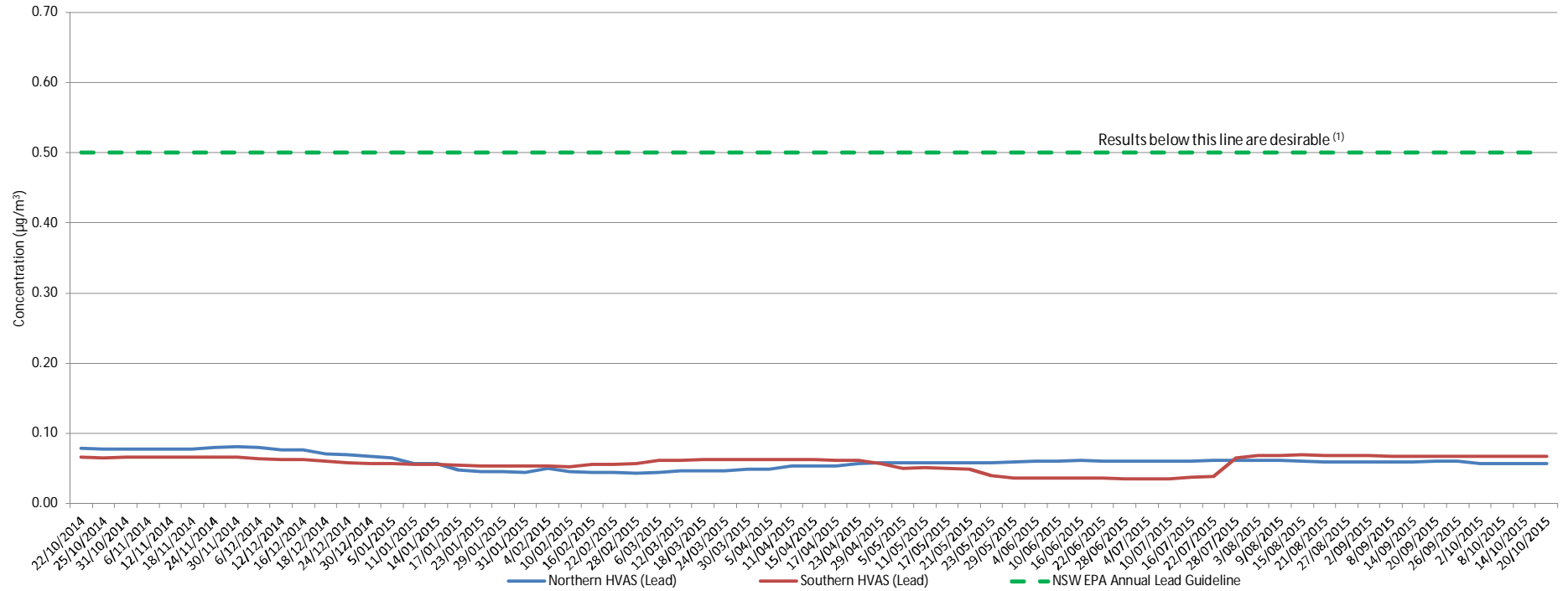
ConPorts Pty Ltd - 24 Hour Zinc

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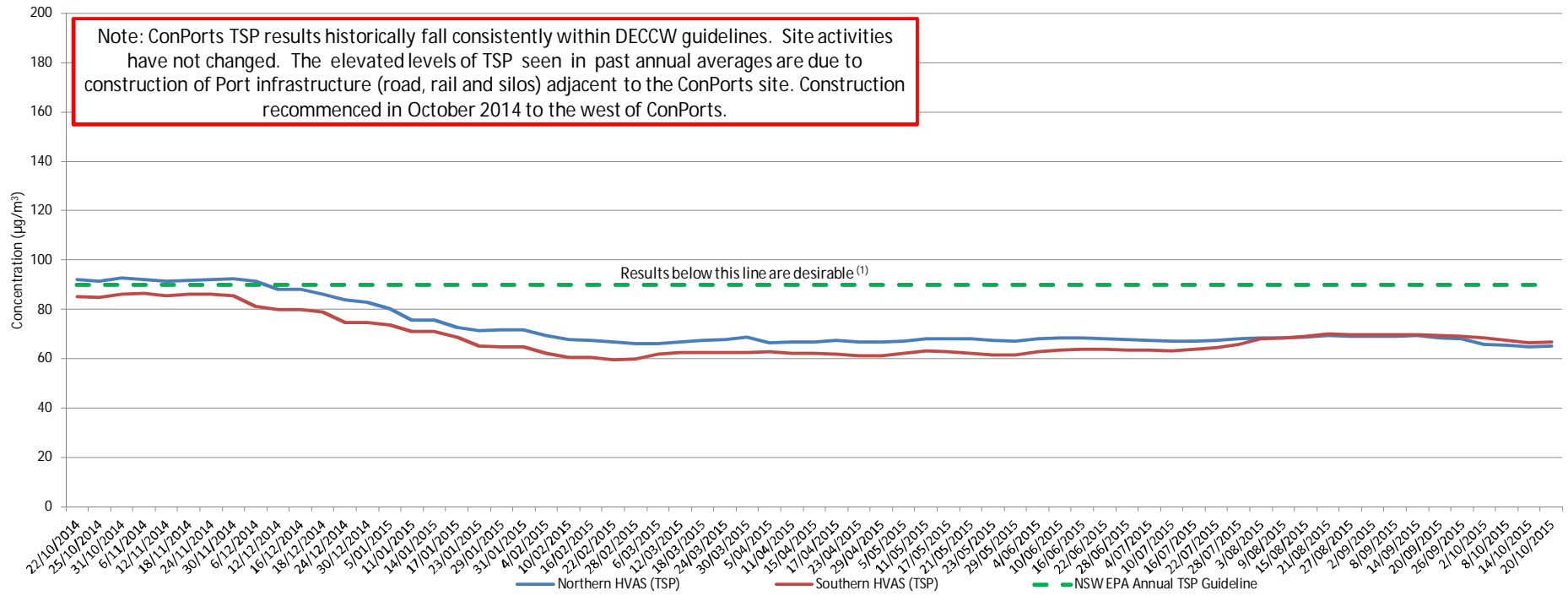
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

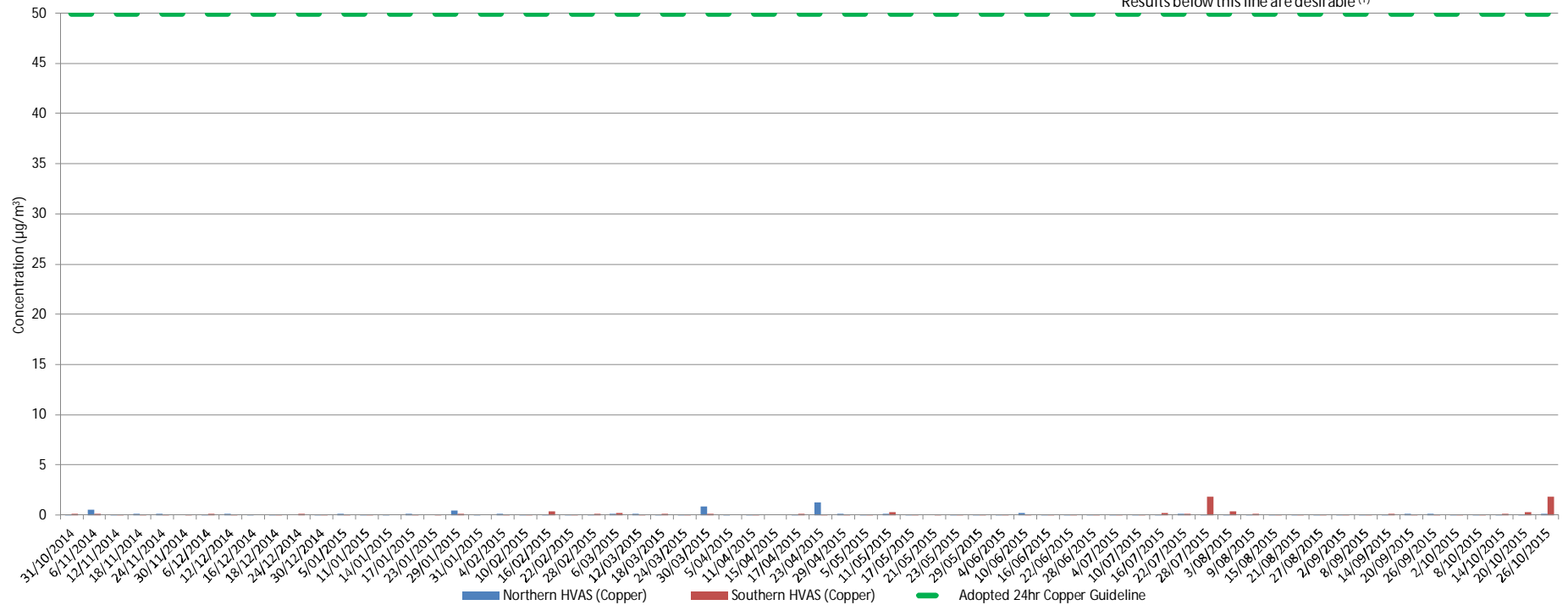
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	

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
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	
12/11/2014	27.6	0.058	0.014	0.10	27.7	0.039	0.020	0.110	

ConPorts Pty Ltd - 24 Hour Copper

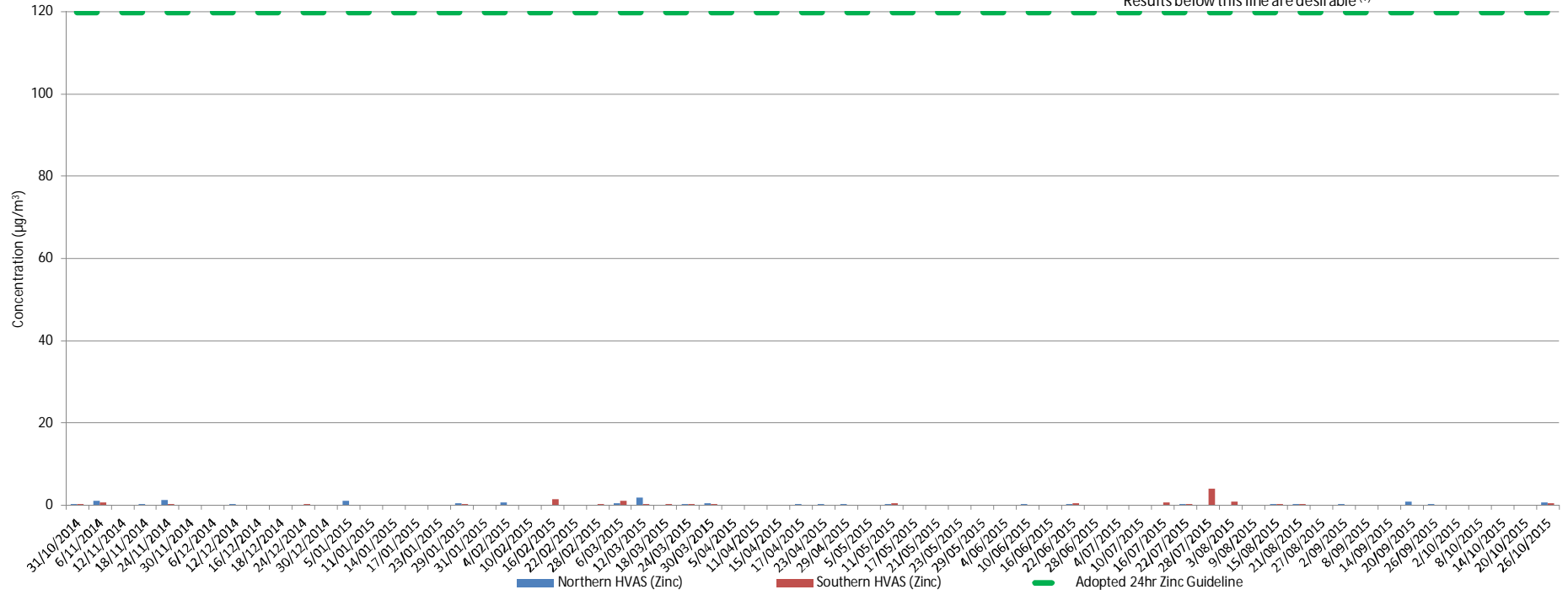
Results below this line are desirable ⁽¹⁾



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

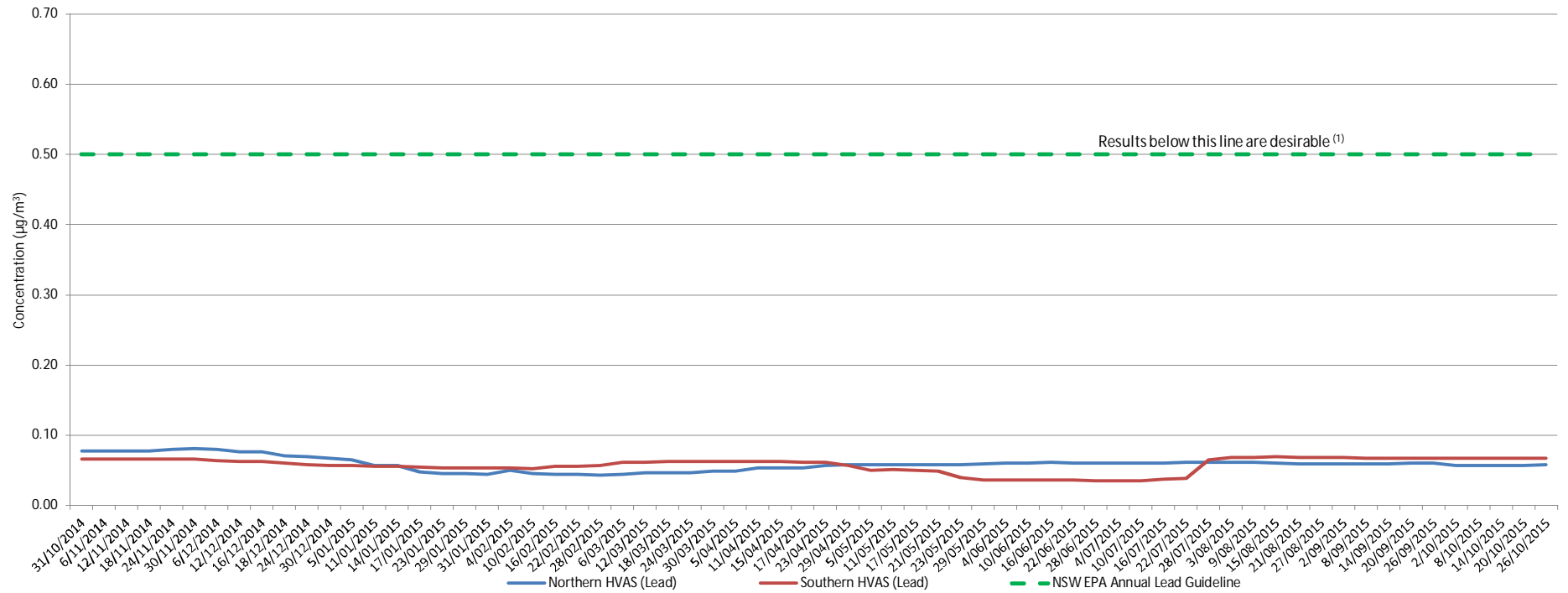
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



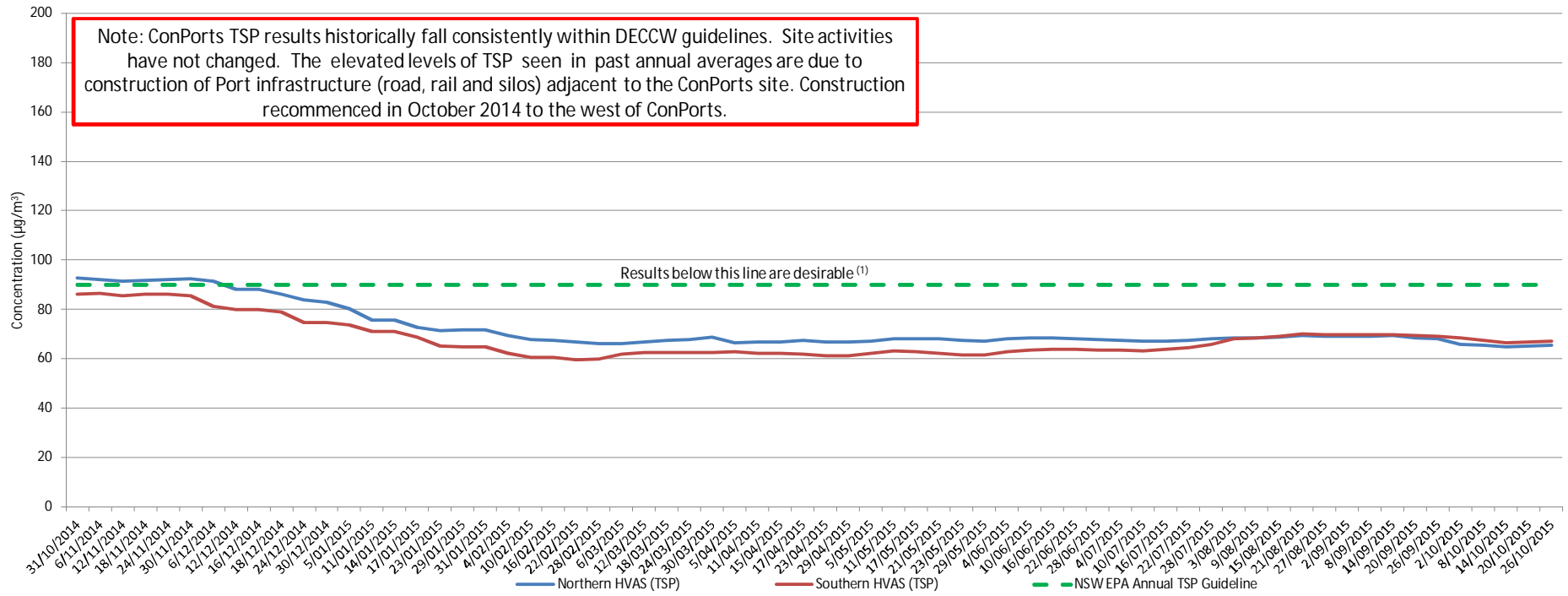
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

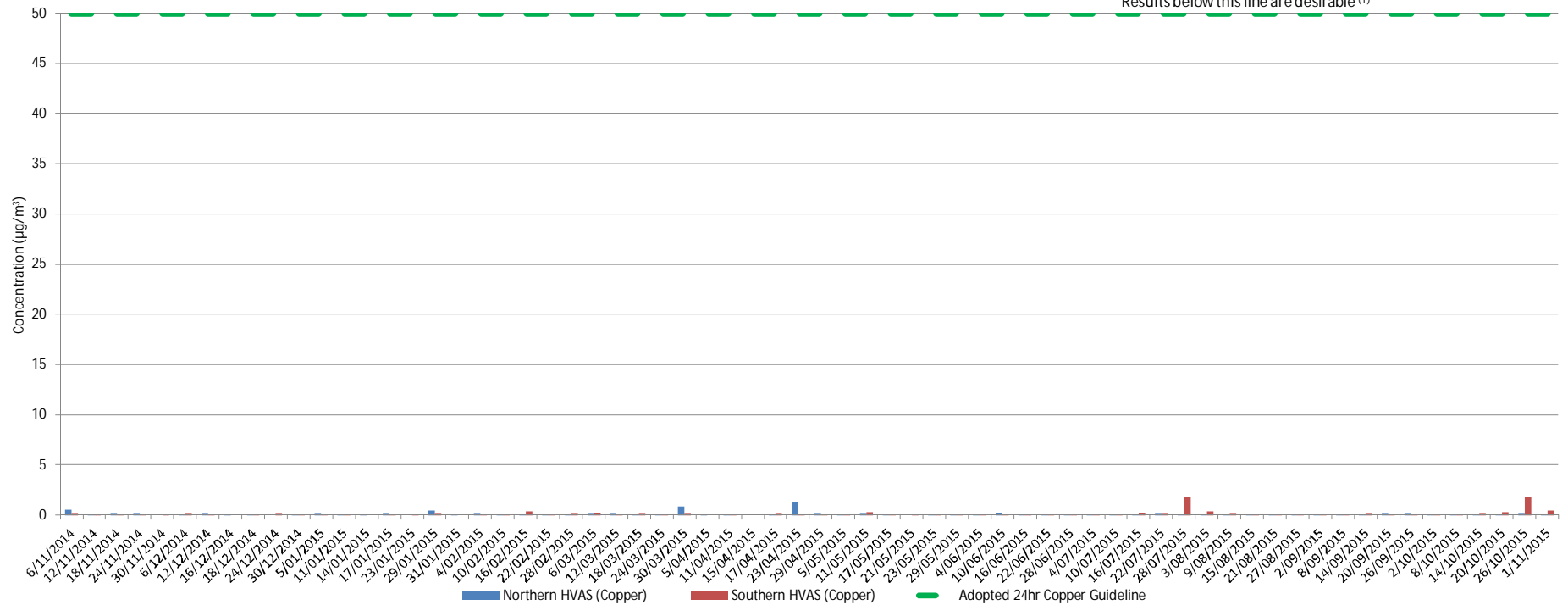
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	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
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	
18/11/2014	62.0	0.101	0.093	0.28	67.0	0.059	0.026	0.200	

ConPorts Pty Ltd - 24 Hour Copper

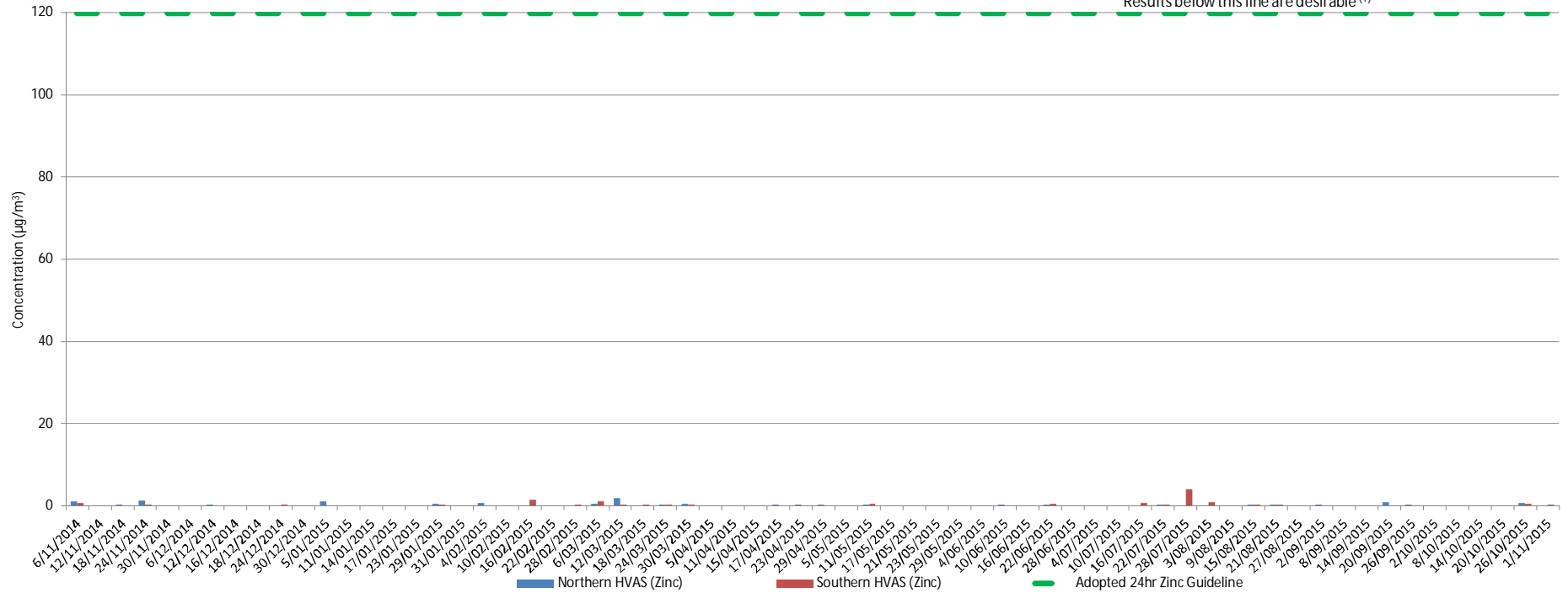
Results below this line are desirable ⁽¹⁾



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

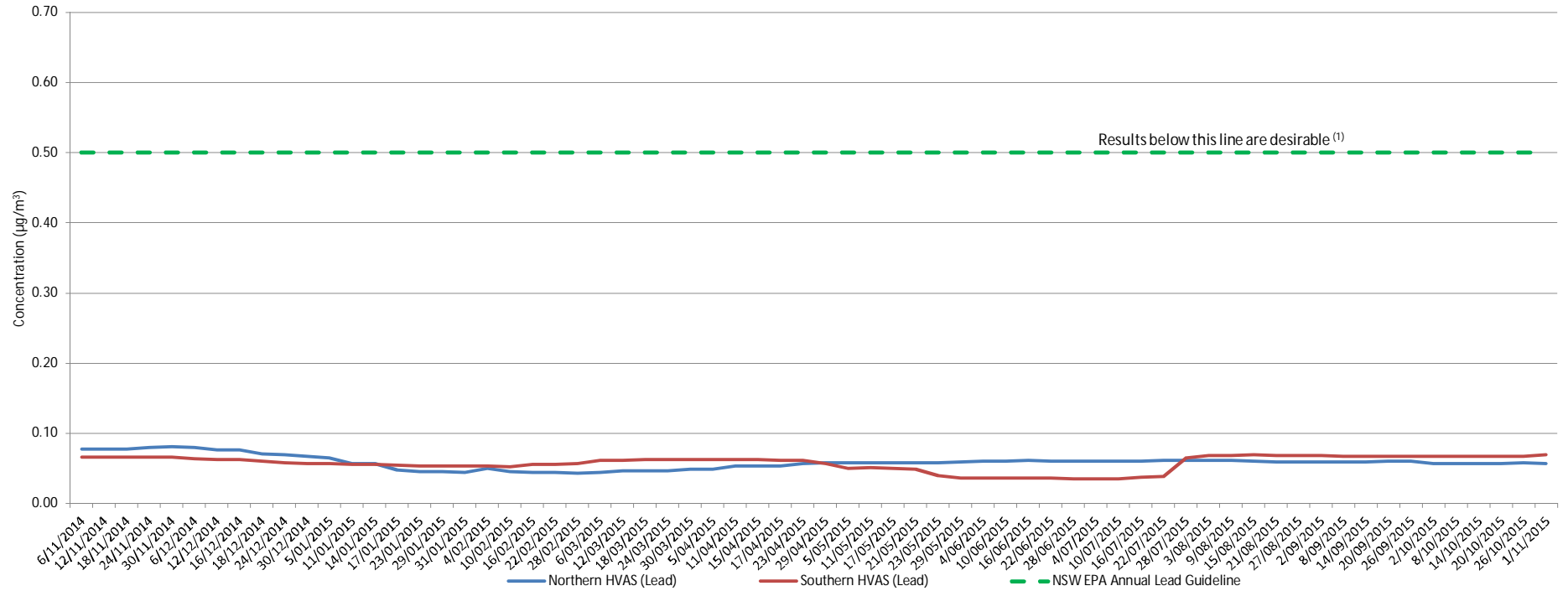
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



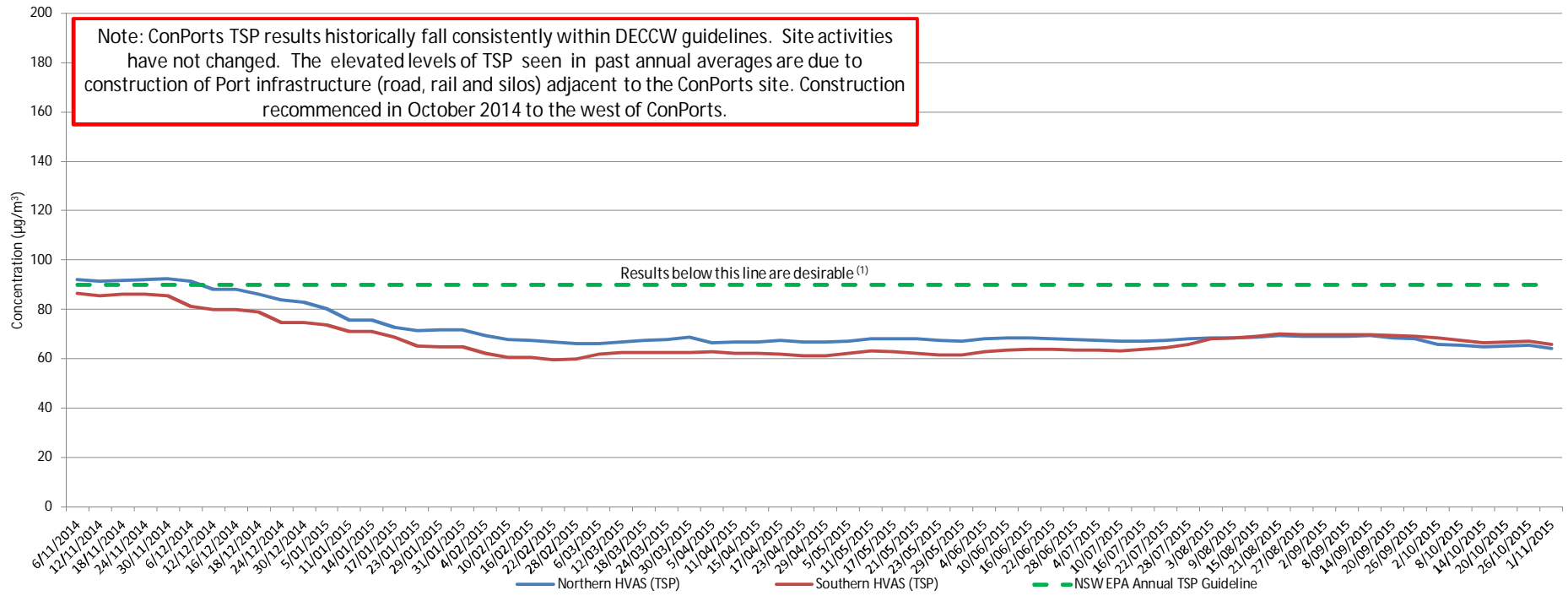
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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	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
1/11/2015	49.1	0.068	0.009	0.08	54.9	0.437	0.125	0.243	
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	Catch up sample at South location
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.

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
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	
24/11/2014	73.1	0.094	0.115	1.26	65.7	0.061	0.056	0.232	North sample contaminated prior to sampling day

ConPorts Pty - Water Quality Monitoring Results

EPL Monitoring Point 3 (STW3)

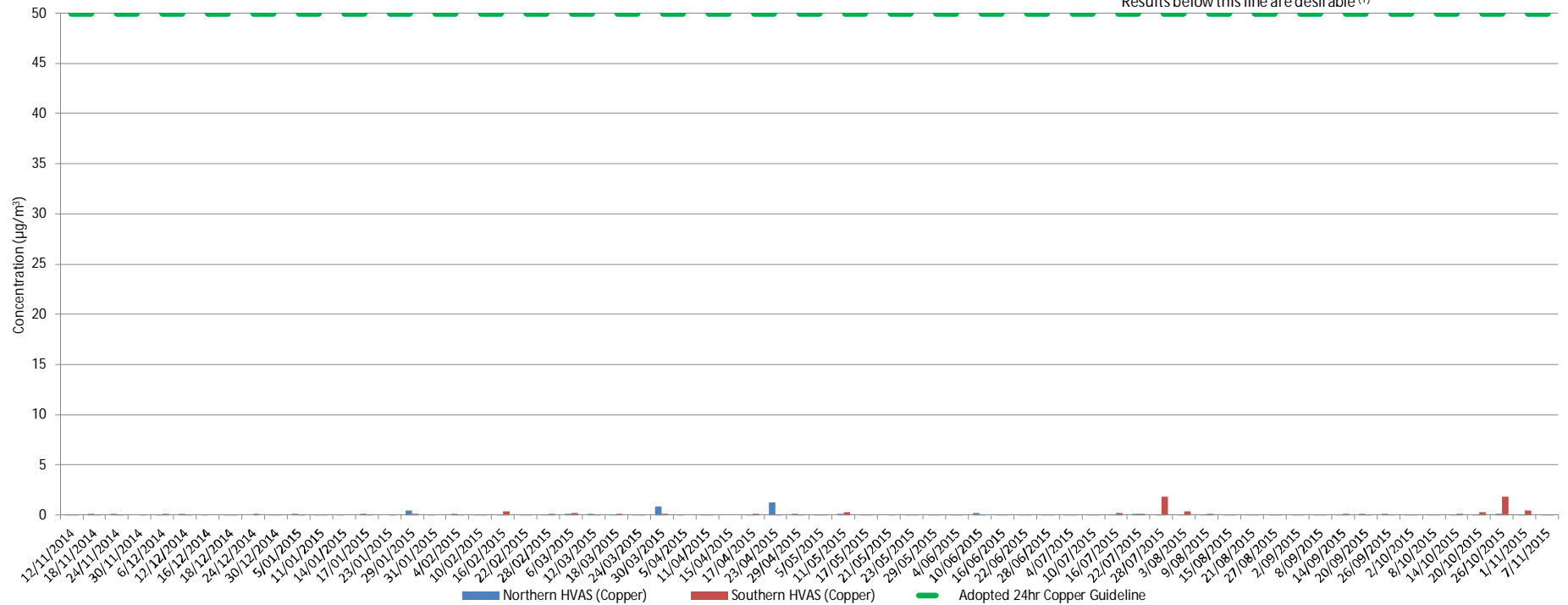
Sampling Date	pH	Total Suspended Solids (mg/L)	Dissolved Cu (mg/L)	Total Cu (mg/L)	Dissolved Pb (mg/L)	Total Pb (mg/L)	Dissolved Zn (mg/L)	Total Zn (mg/L)	Data Comments
22/10/2015	6.6	18.0	0.162	0.718	0.182	0.652	3.6	4.6	

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
22/10/2015	7.4	10.0	0.108	0.269	0.087	0.380	1.17	1.47	

ConPorts Pty Ltd - 24 Hour Copper

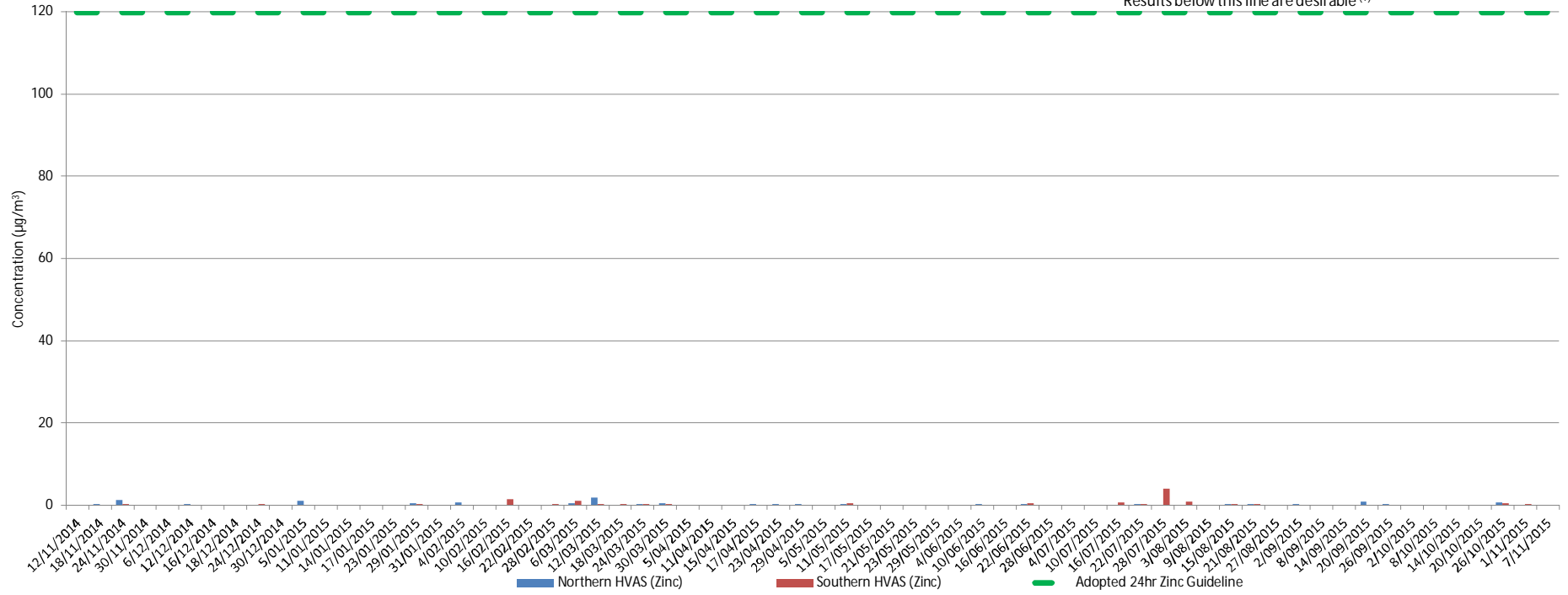
Results below this line are desirable ⁽¹⁾



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

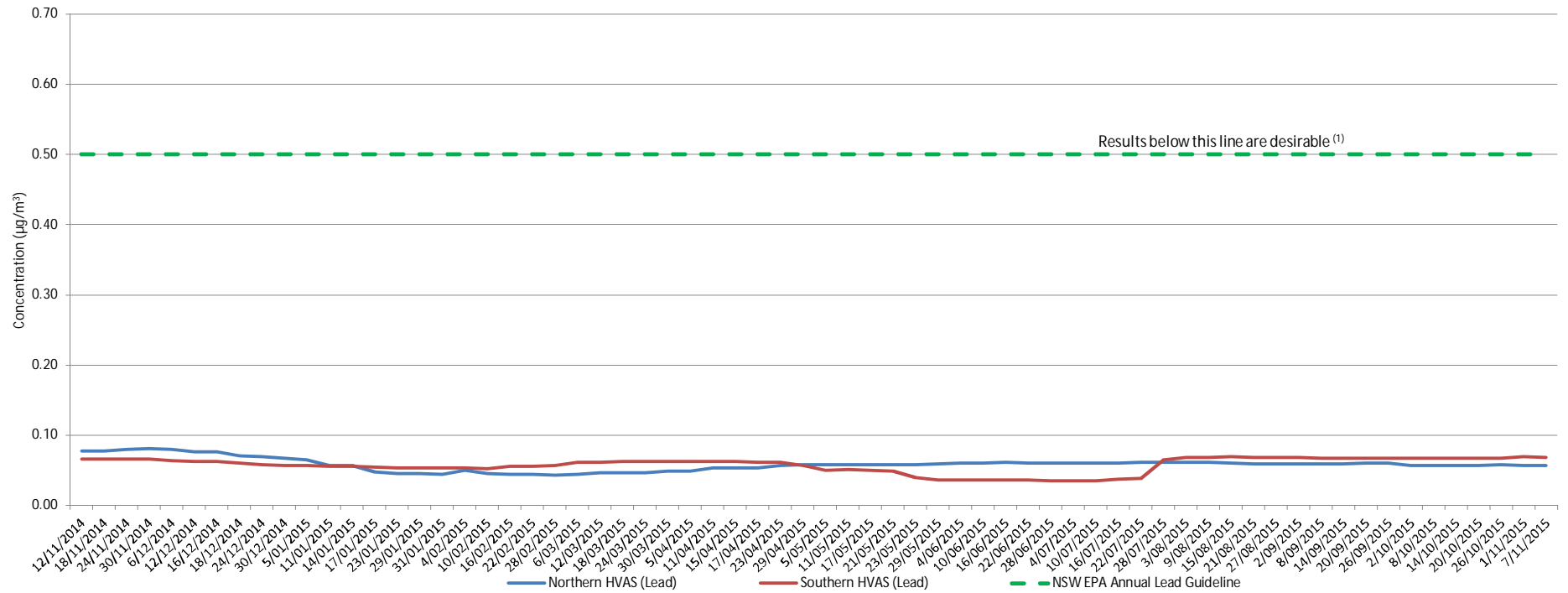
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



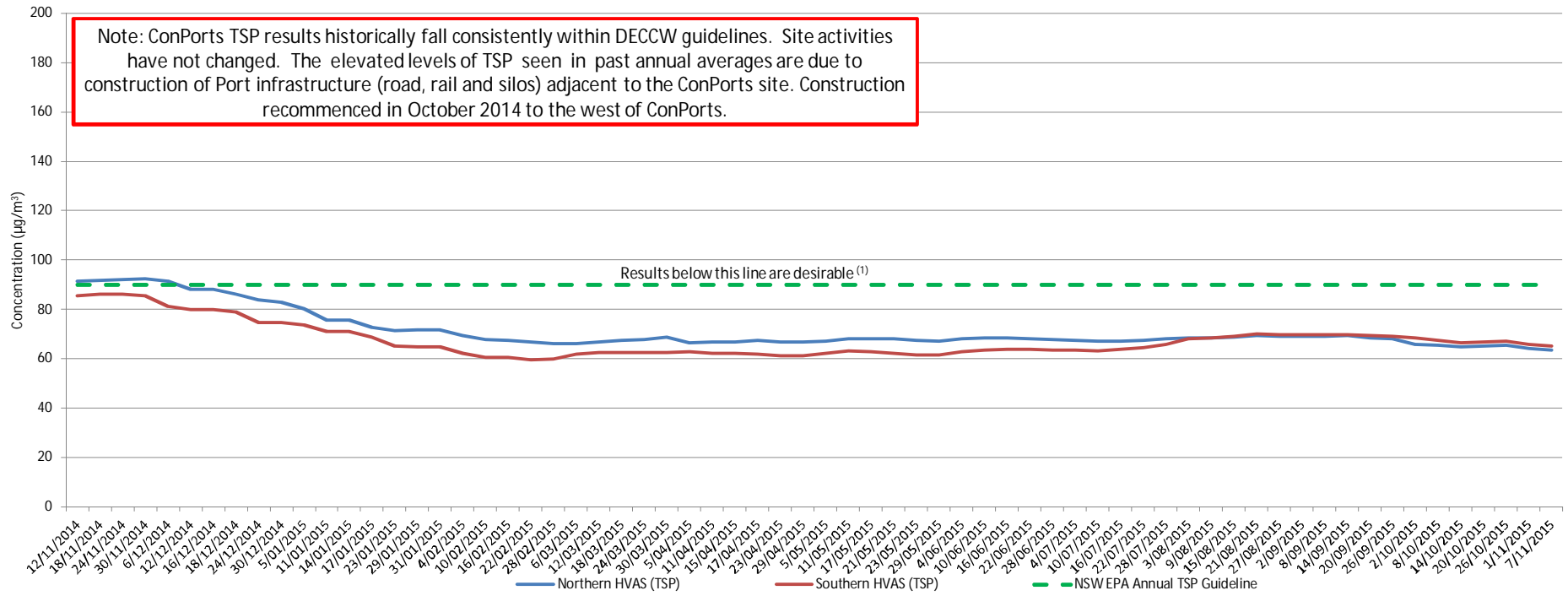
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

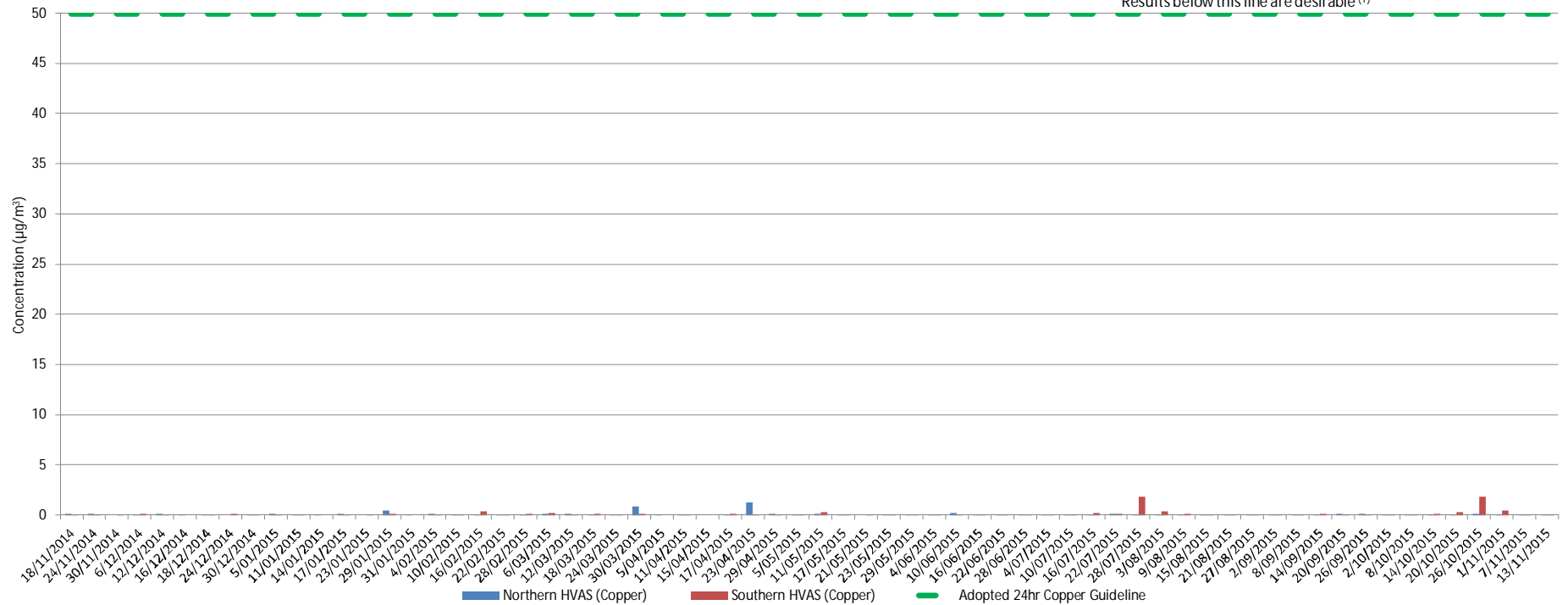
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
7/11/2015	38.1	0.015	<0.007	0.10	41.9	0.012	0.008	0.101	
1/11/2015	49.1	0.068	0.009	0.08	54.9	0.437	0.125	0.243	
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	

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
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	
30/11/2014	74.7	0.127	0.958	7.96	54.5	0.018	0.013	0.126	North sample contaminated prior to sampling day

ConPorts Pty Ltd - 24 Hour Copper

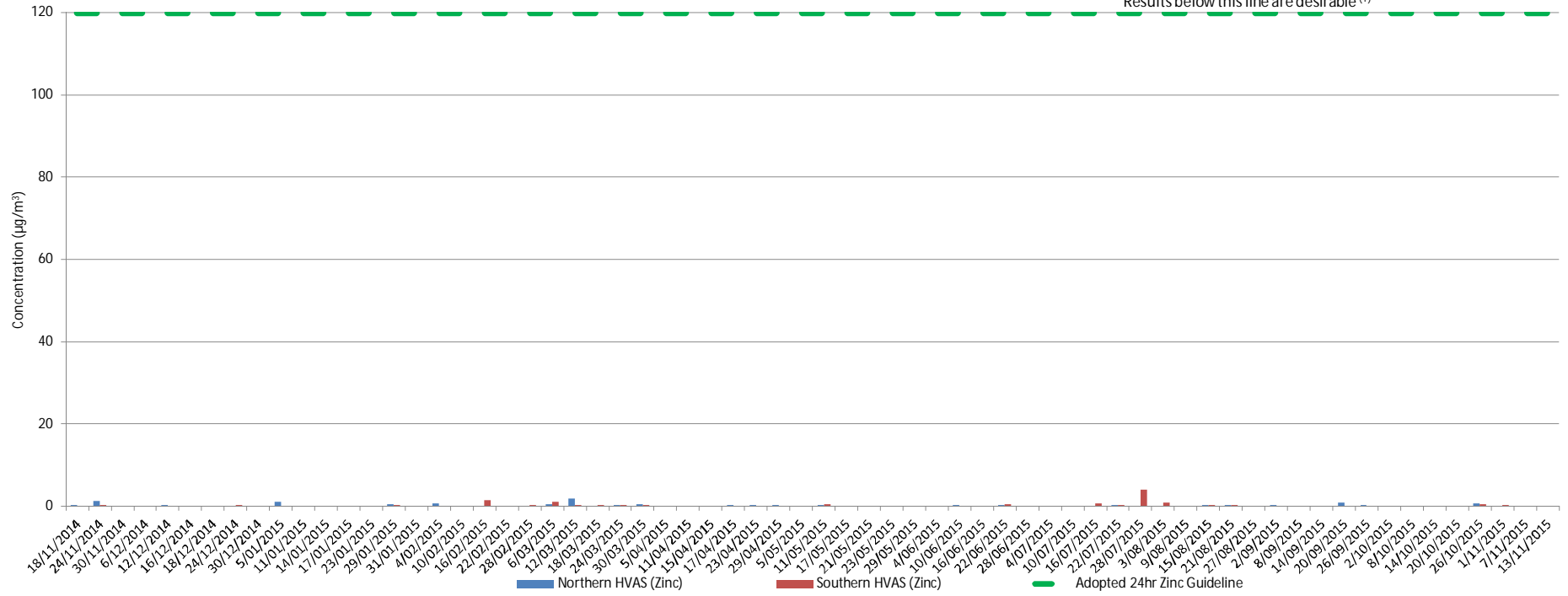
Results below this line are desirable ⁽¹⁾



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

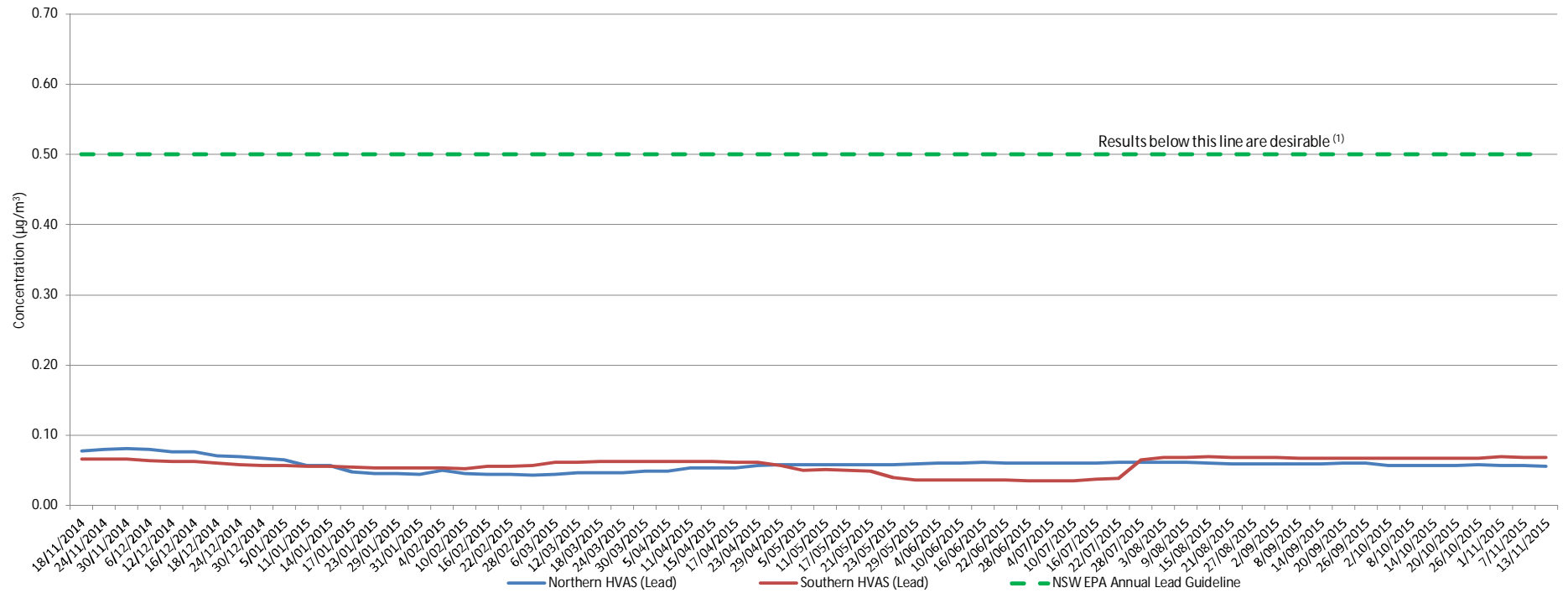
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



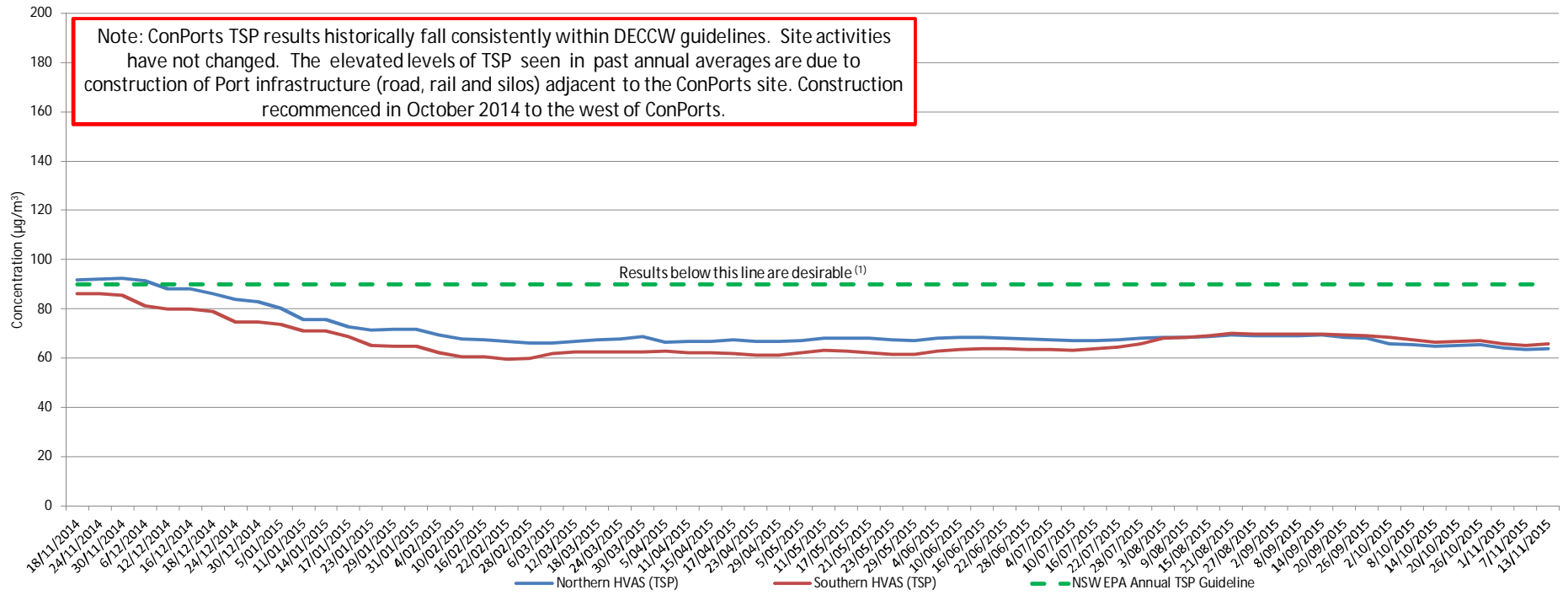
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

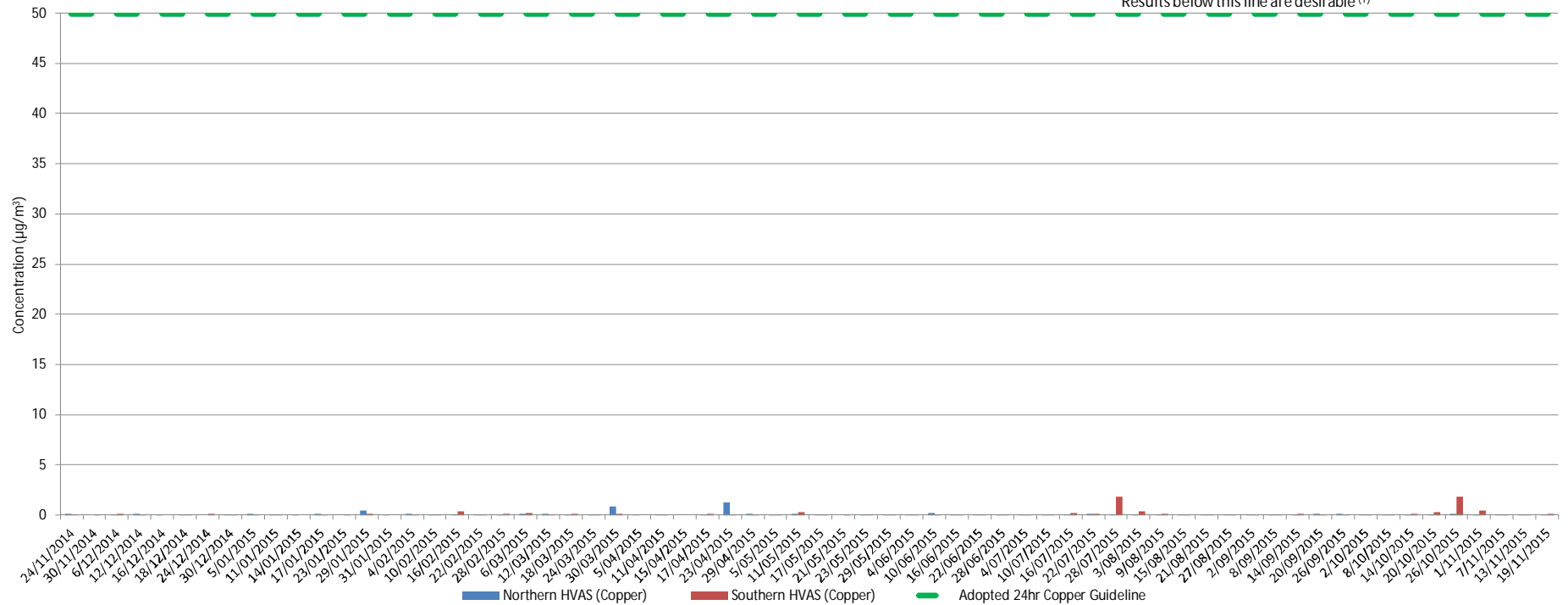
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
13/11/2015	50.1	0.030	0.013	0.18	56.6	0.042	0.016	0.147	
7/11/2015	38.1	0.015	<0.007	0.10	41.9	0.012	0.008	0.101	
1/11/2015	49.1	0.068	0.009	0.08	54.9	0.437	0.125	0.243	
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.

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
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	
6/12/2014	47.8	0.031	0.010	0.11	46.3	0.103	0.050	0.204	

ConPorts Pty Ltd - 24 Hour Copper

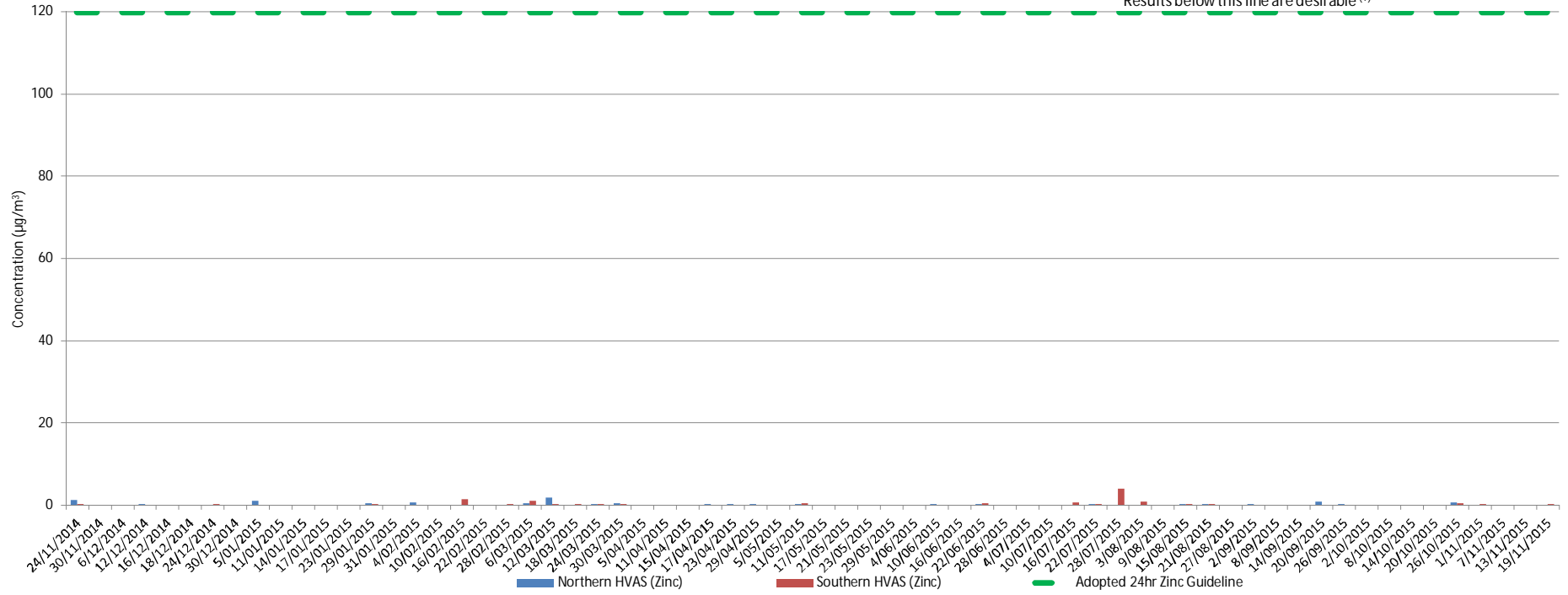
Results below this line are desirable ⁽¹⁾



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

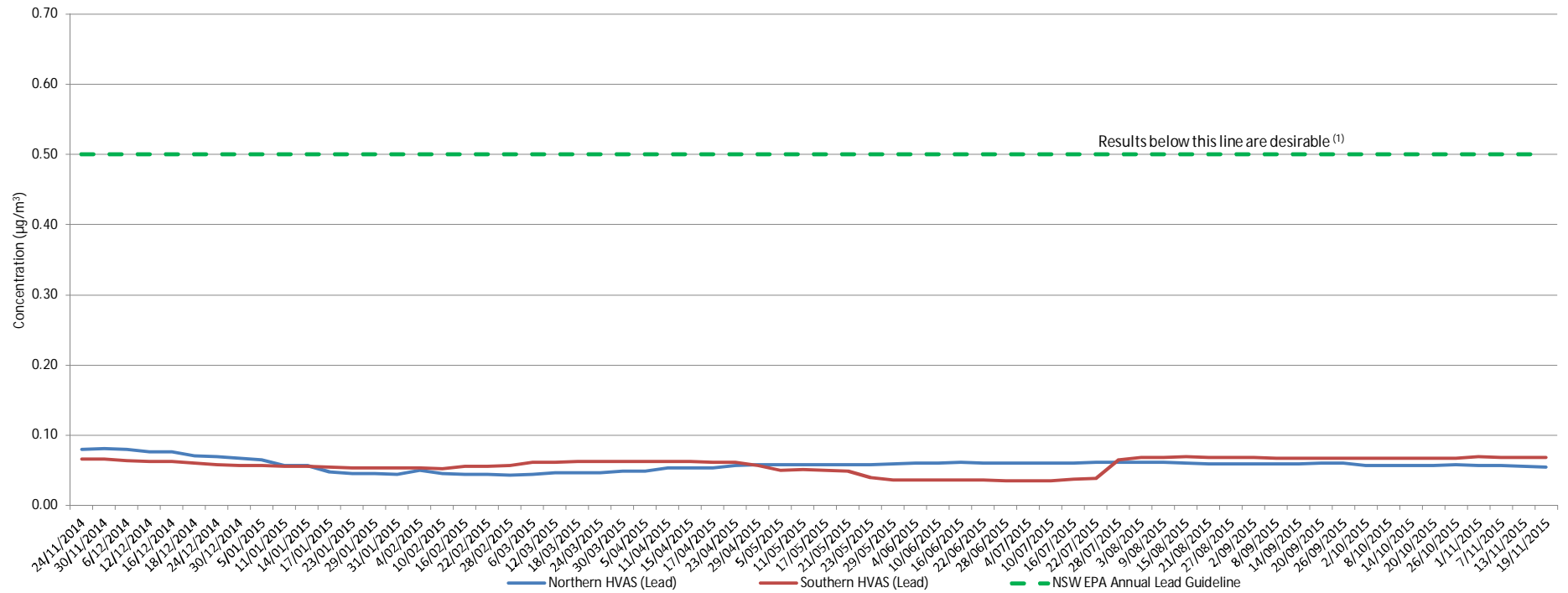
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



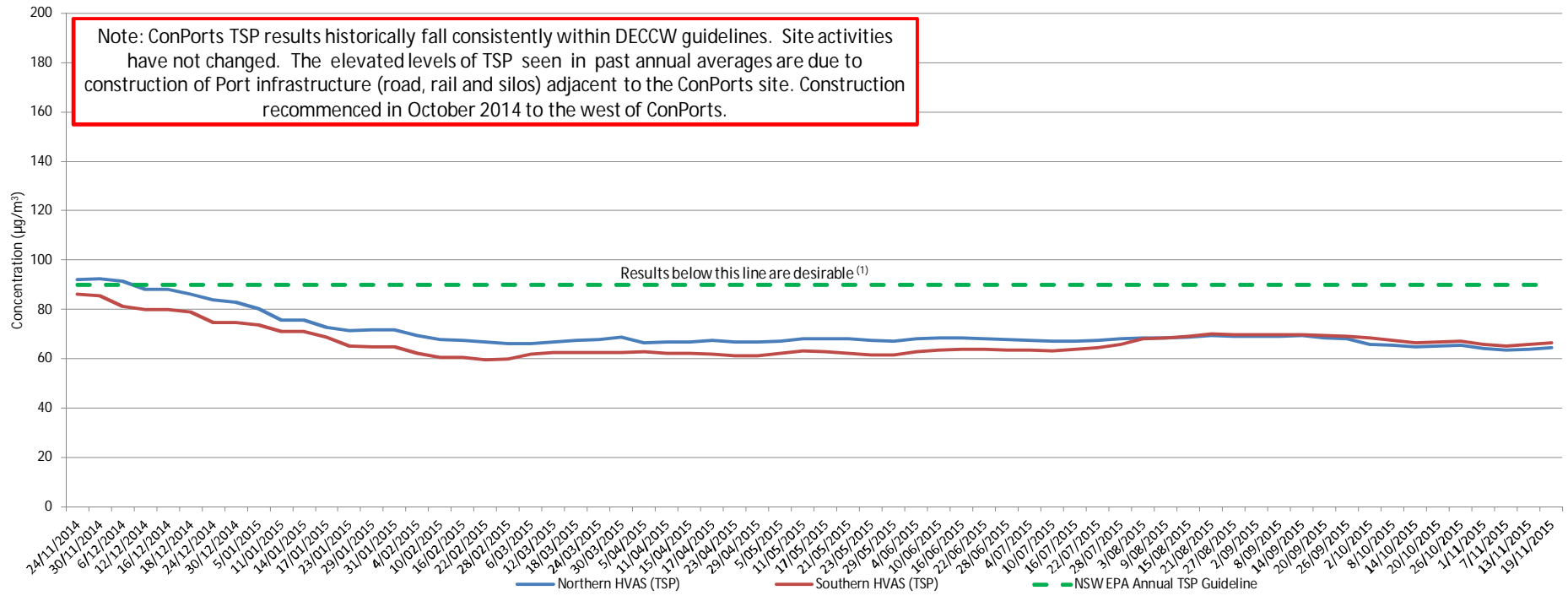
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

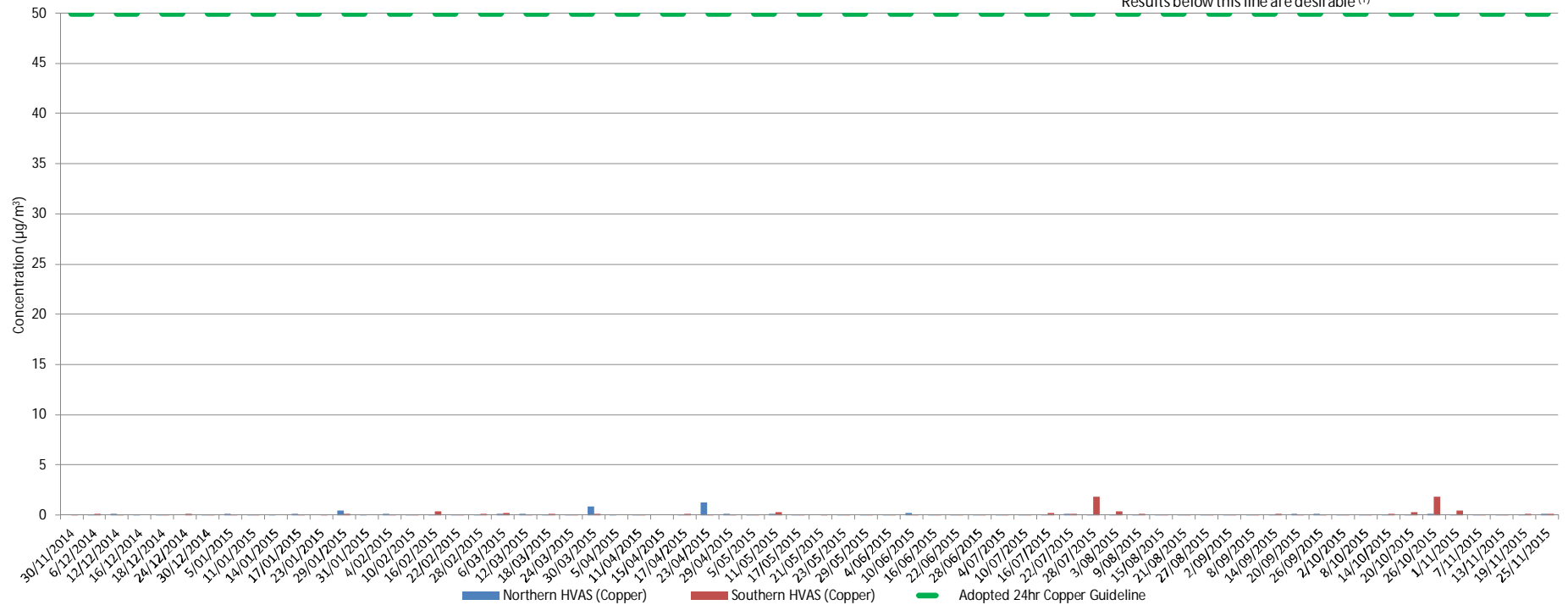
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
19/11/2015	102.0	0.021	0.013	0.17	106.0	0.104	0.038	0.348	
13/11/2015	50.1	0.030	0.013	0.18	56.6	0.042	0.016	0.147	
7/11/2015	38.1	0.015	<0.007	0.10	41.9	0.012	0.008	0.101	
1/11/2015	49.1	0.068	0.009	0.08	54.9	0.437	0.125	0.243	
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	

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
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.
12/12/2014	67.0	0.114	0.047	0.31	64.9	0.024	0.010	0.089	

ConPorts Pty Ltd - 24 Hour Copper

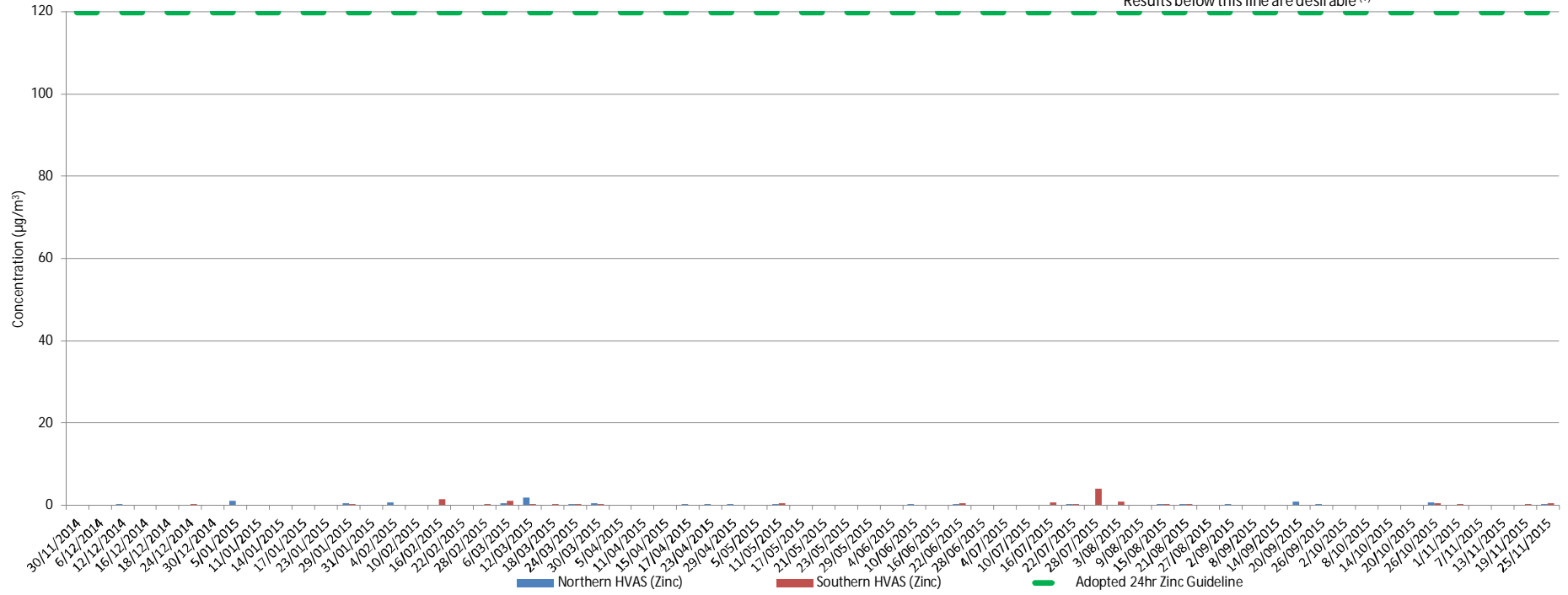
Results below this line are desirable ⁽¹⁾



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

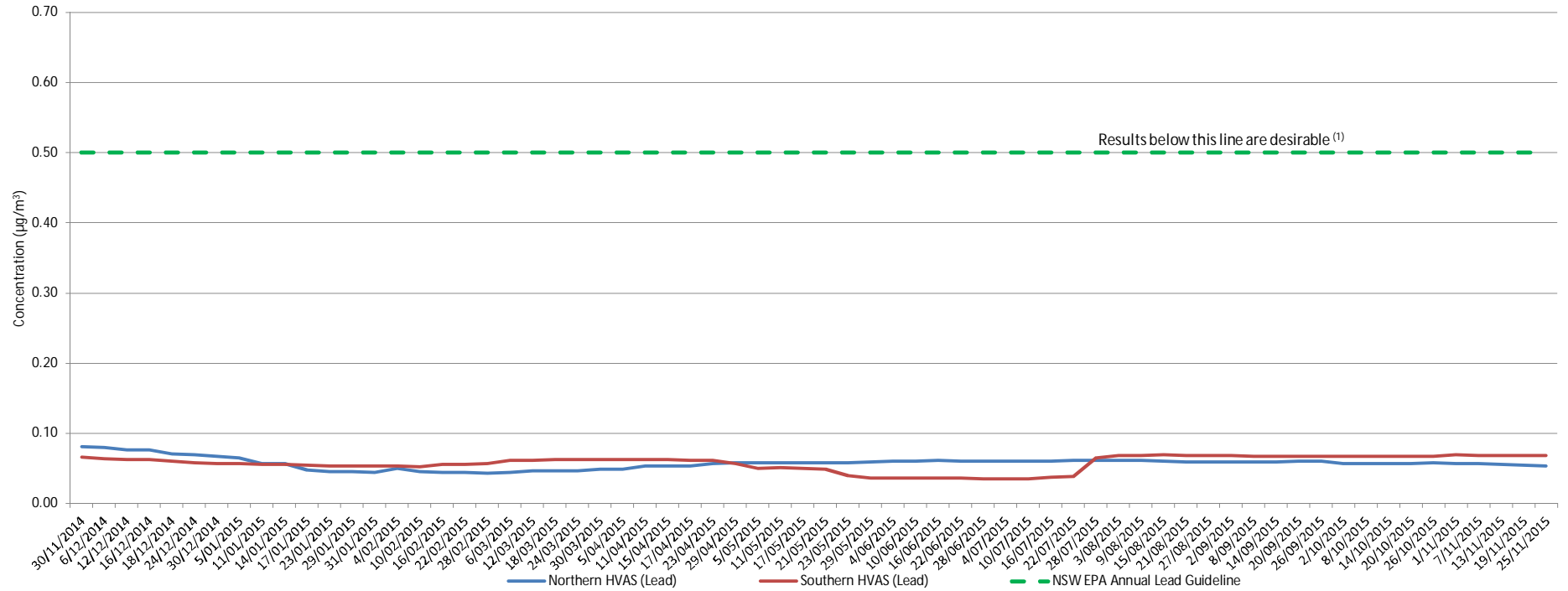
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



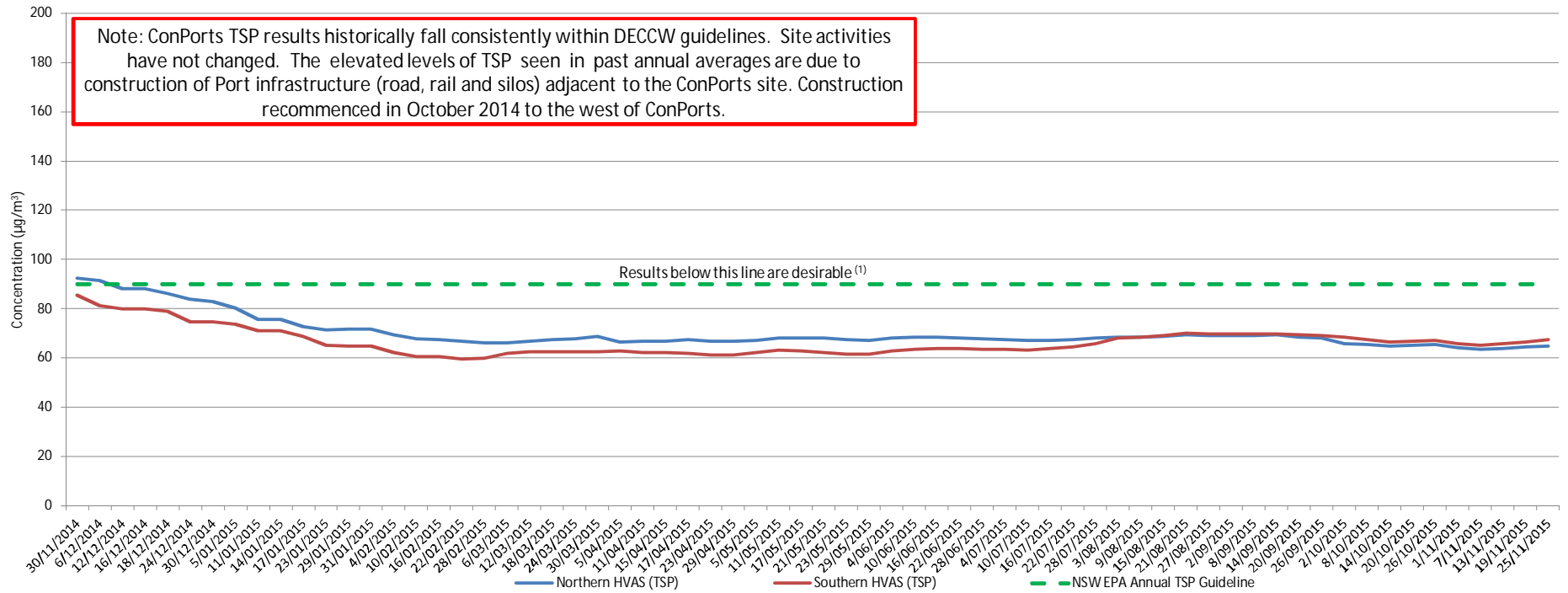
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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	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
25/11/2015	90.4	0.127	0.025	0.24	127.0	0.126	0.049	0.485	
19/11/2015	102.0	0.021	0.013	0.17	106.0	0.104	0.038	0.348	
13/11/2015	50.1	0.030	0.013	0.18	56.6	0.042	0.016	0.147	
7/11/2015	38.1	0.015	<0.007	0.10	41.9	0.012	0.008	0.101	
1/11/2015	49.1	0.068	0.009	0.08	54.9	0.437	0.125	0.243	
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	

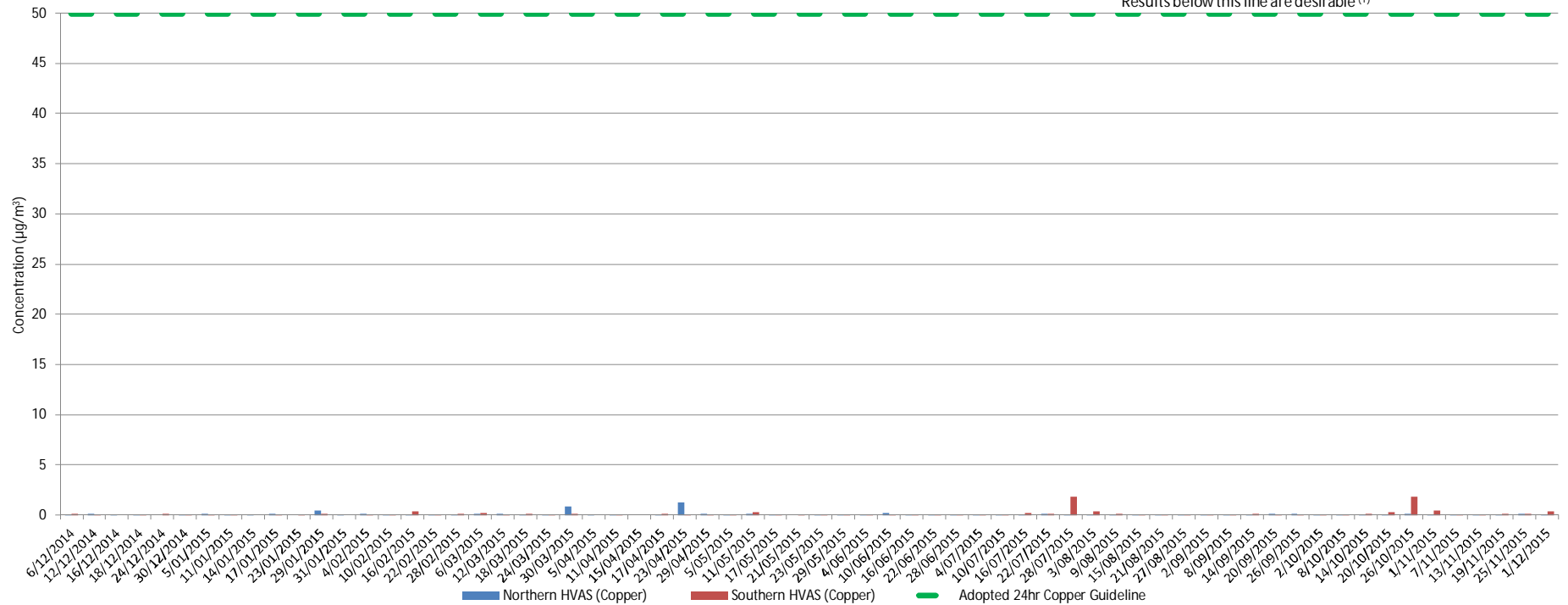
Catch up sample at South location

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
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	
16/12/2014	82.0	0.009	<0.007	0.04	-	-	-	-	Catch up sample at North location.

ConPorts Pty Ltd - 24 Hour Copper

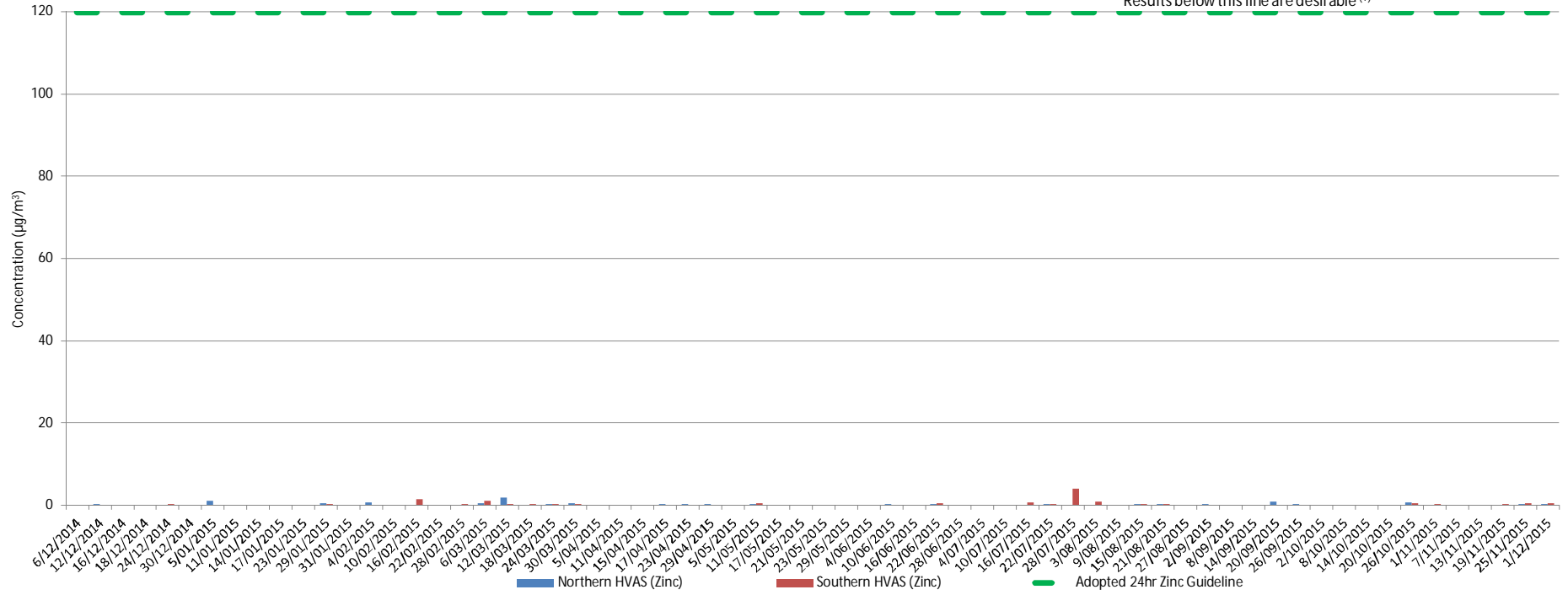
Results below this line are desirable ⁽¹⁾



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

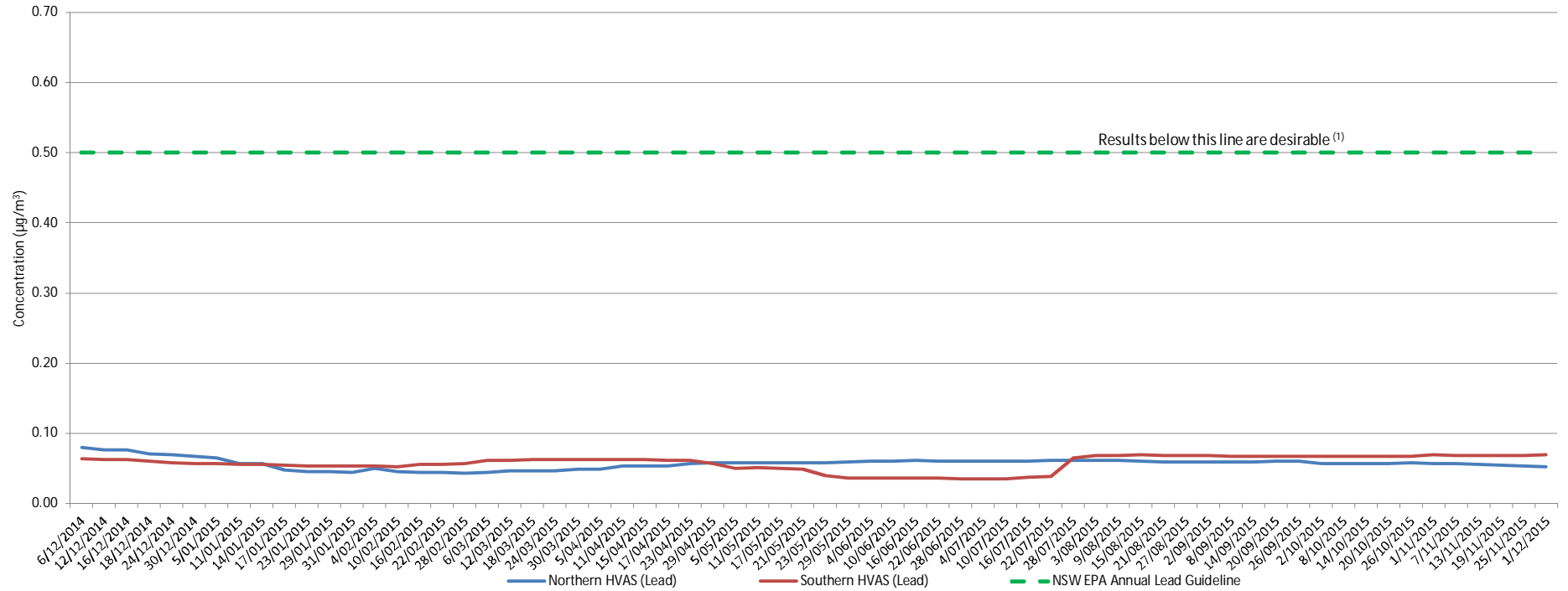
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



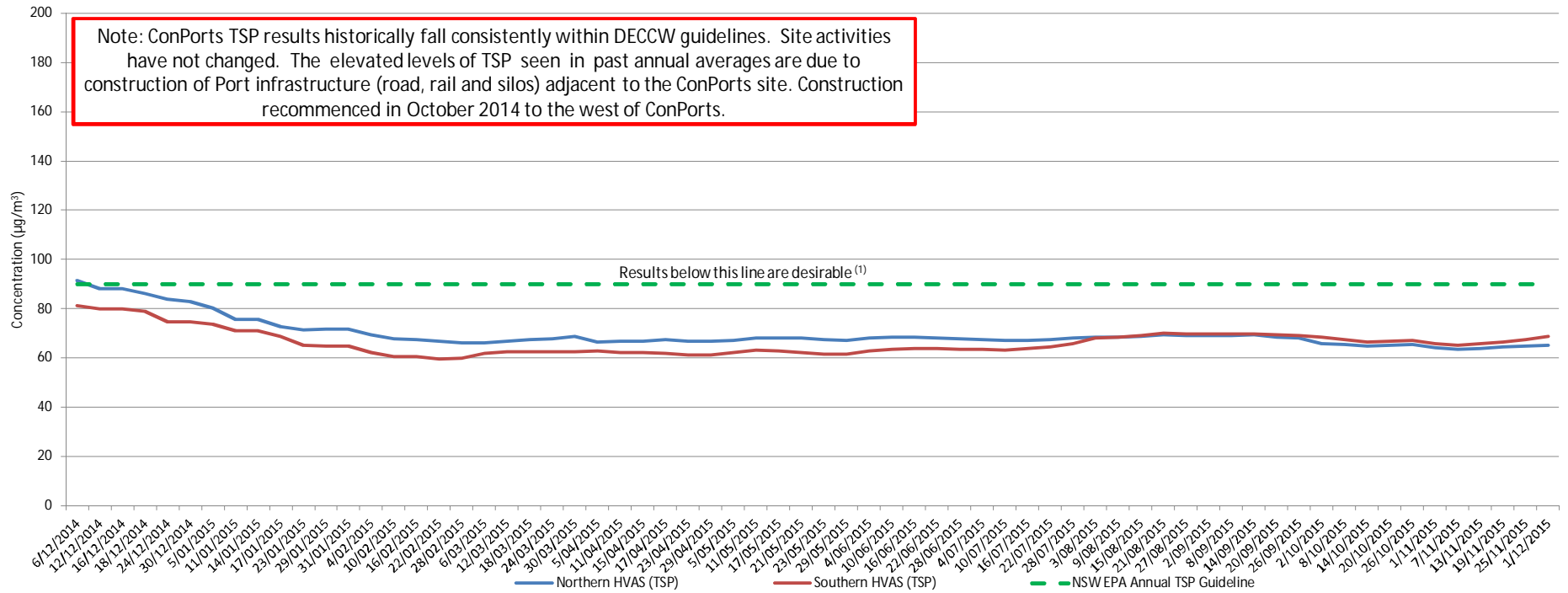
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

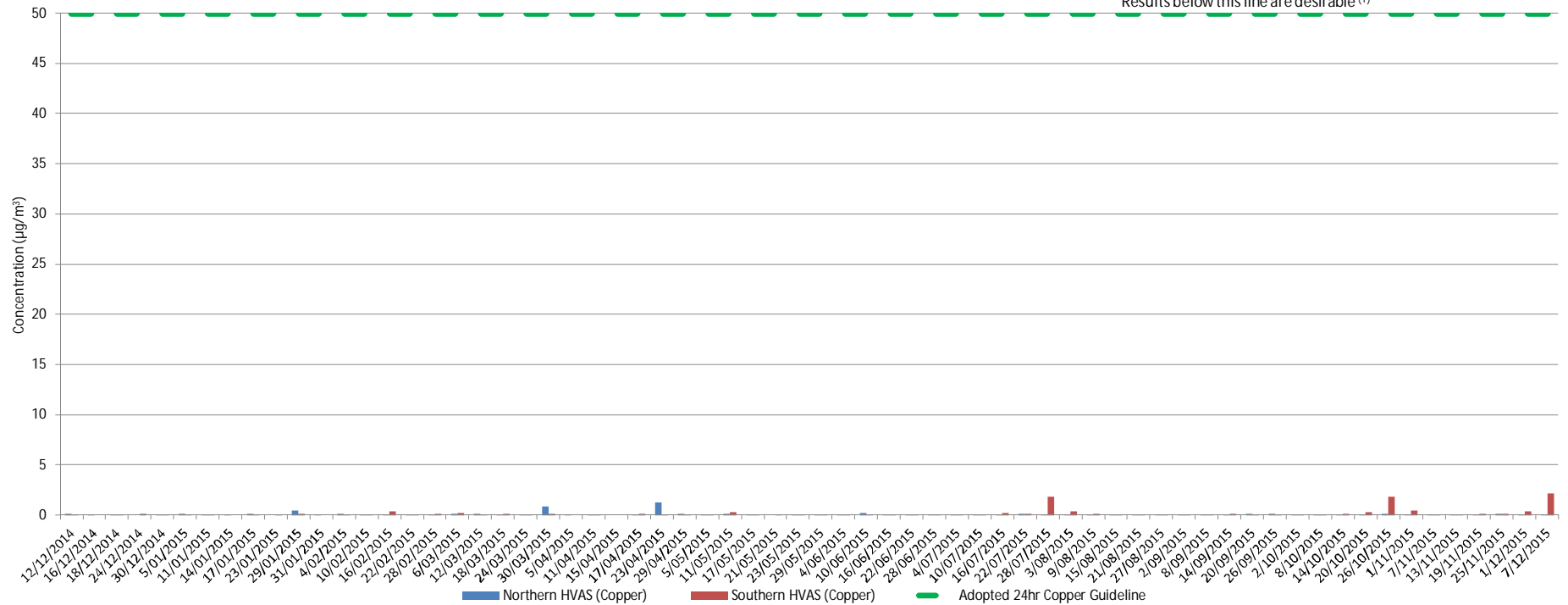
HVAS	North HVAS	North HVAS	North HVAS	North HVAS	South HVAS	South HVAS	South HVAS	South HVAS	Data
Run Date	TSP	Copper	Lead	Zinc	TSP	Copper	Lead	Zinc	Comments
1/12/2015	94.2	0.070	0.020	0.21	136.0	0.375	0.054	0.467	
25/11/2015	90.4	0.127	0.025	0.24	127.0	0.126	0.049	0.485	
19/11/2015	102.0	0.021	0.013	0.17	106.0	0.104	0.038	0.348	
13/11/2015	50.1	0.030	0.013	0.18	56.6	0.042	0.016	0.147	
7/11/2015	38.1	0.015	<0.007	0.10	41.9	0.012	0.008	0.101	
1/11/2015	49.1	0.068	0.009	0.08	54.9	0.437	0.125	0.243	
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	

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
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.
18/12/2014	90.6	0.016	<0.007	0.05	84.4	0.022	0.008	0.073	

ConPorts Pty Ltd - 24 Hour Copper

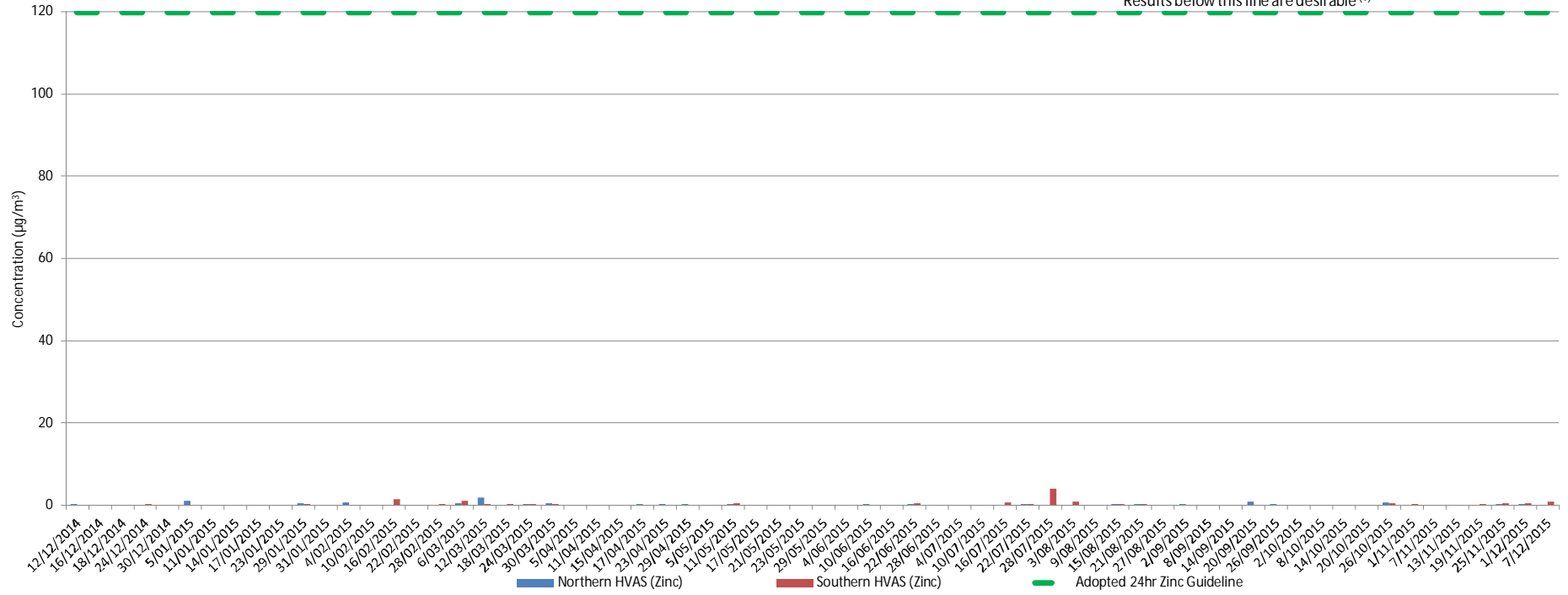
Results below this line are desirable ⁽¹⁾



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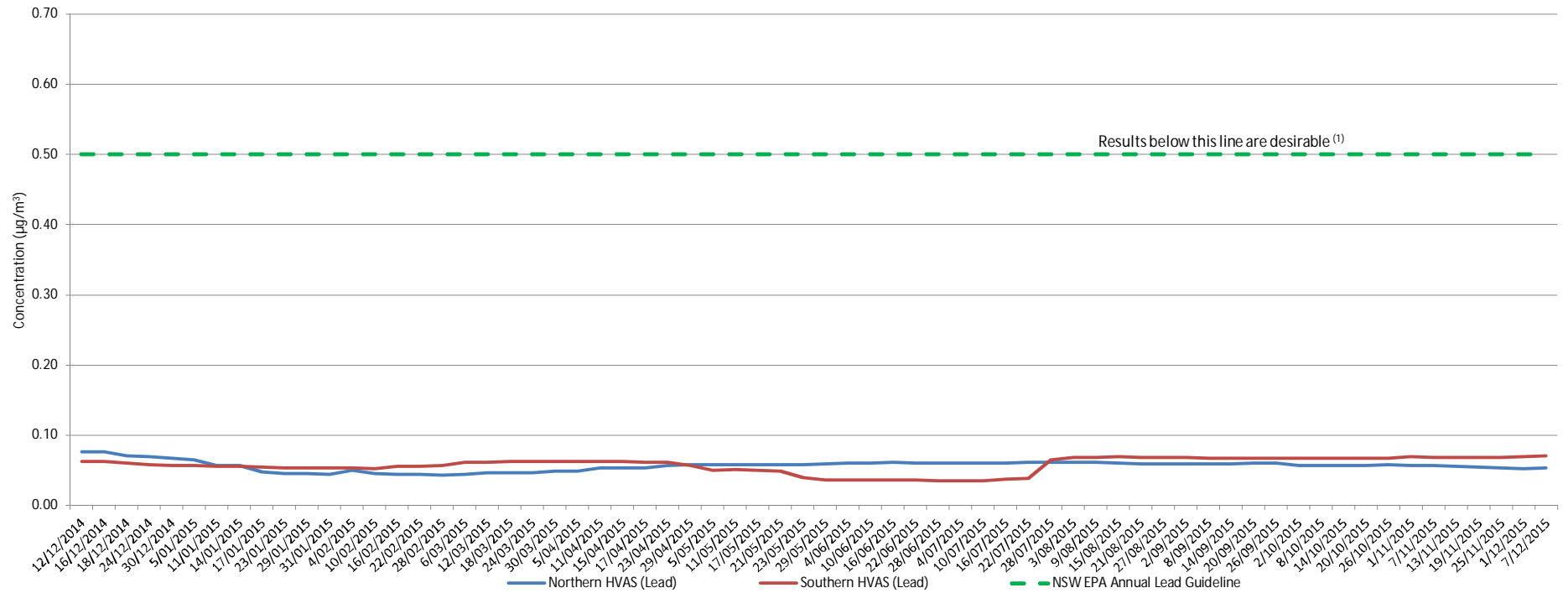
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



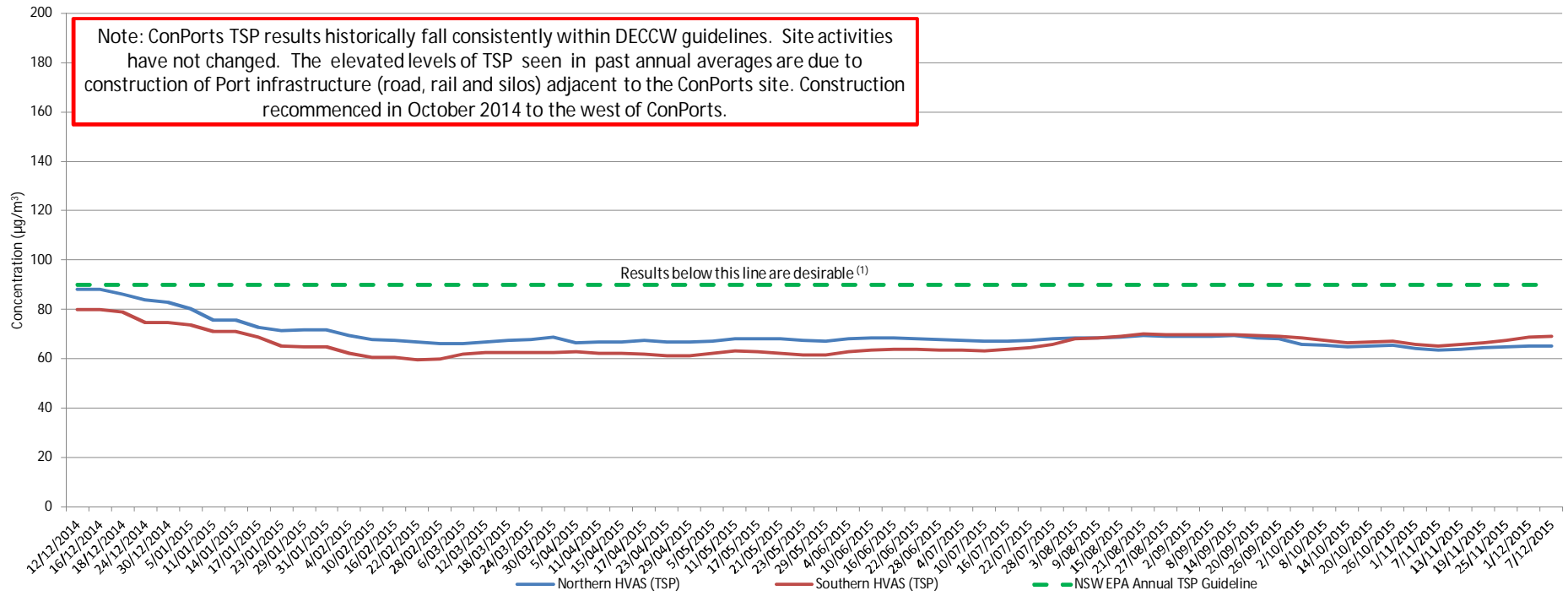
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

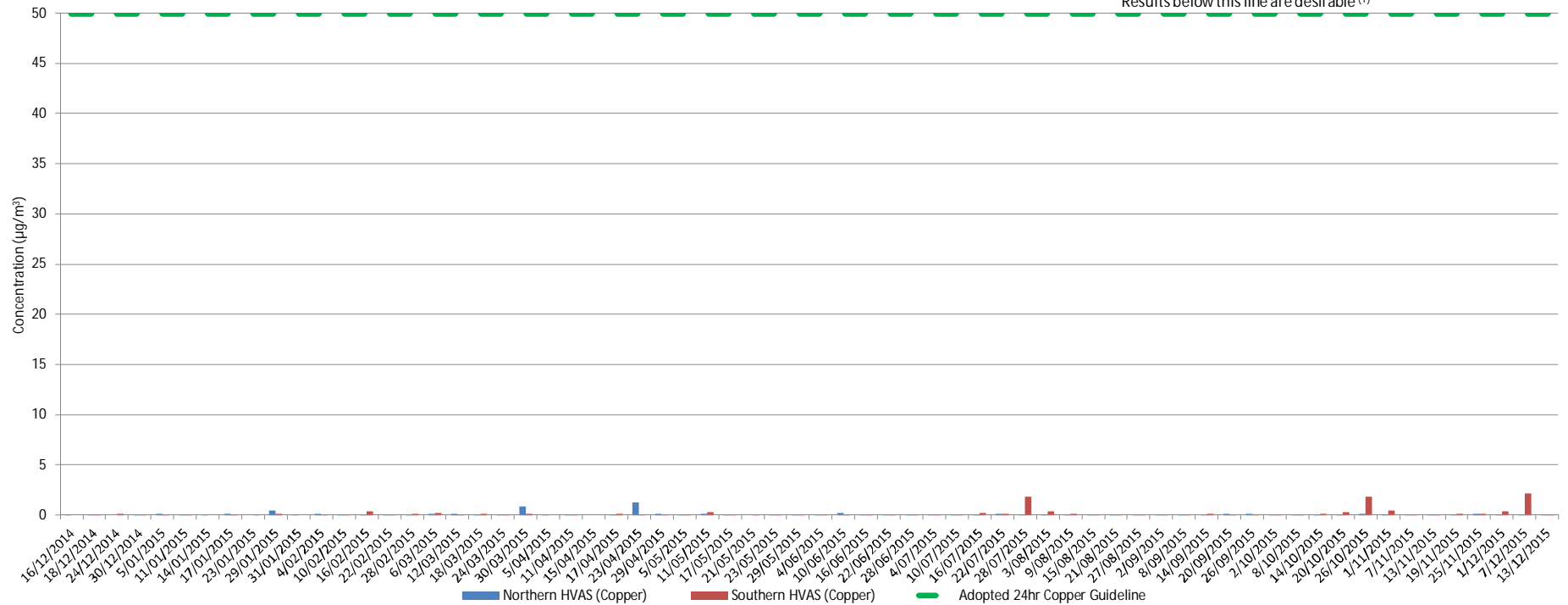
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
7/12/2015	32.6	0.012	<0.07	0.03	64.6	2.160	0.123	0.934	
1/12/2015	94.2	0.070	0.020	0.21	136.0	0.375	0.054	0.467	
25/11/2015	90.4	0.127	0.025	0.24	127.0	0.126	0.049	0.485	
19/11/2015	102.0	0.021	0.013	0.17	106.0	0.104	0.038	0.348	
13/11/2015	50.1	0.030	0.013	0.18	56.6	0.042	0.016	0.147	
7/11/2015	38.1	0.015	<0.007	0.10	41.9	0.012	0.008	0.101	
1/11/2015	49.1	0.068	0.009	0.08	54.9	0.437	0.125	0.243	
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	
5/05/2015	54.4	0.024	0.035	0.17	78.5	0.040	0.027	0.158	

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
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	
24/12/2014	DNR	DNR	DNR	DNR	83.0	0.116	0.056	0.224	North sampler failed to complete run. "Filter blockage" error.

ConPorts Pty Ltd - 24 Hour Copper

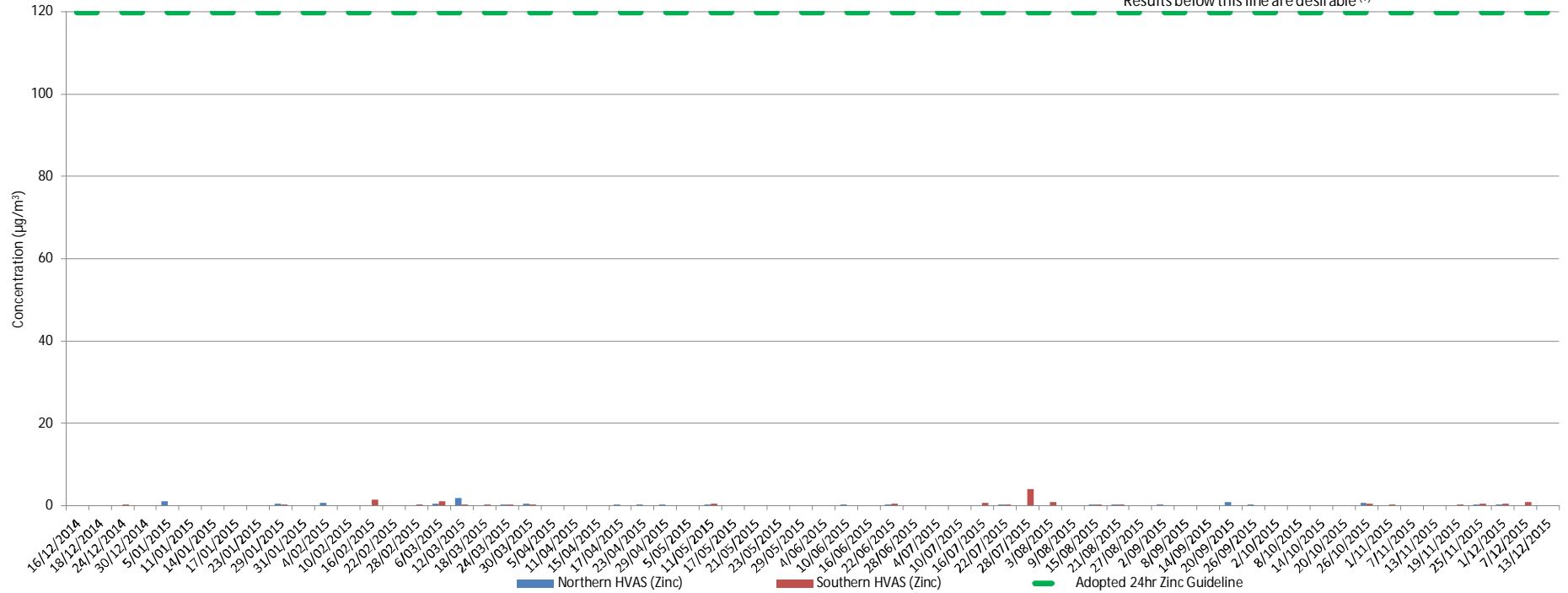
Results below this line are desirable ⁽¹⁾



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

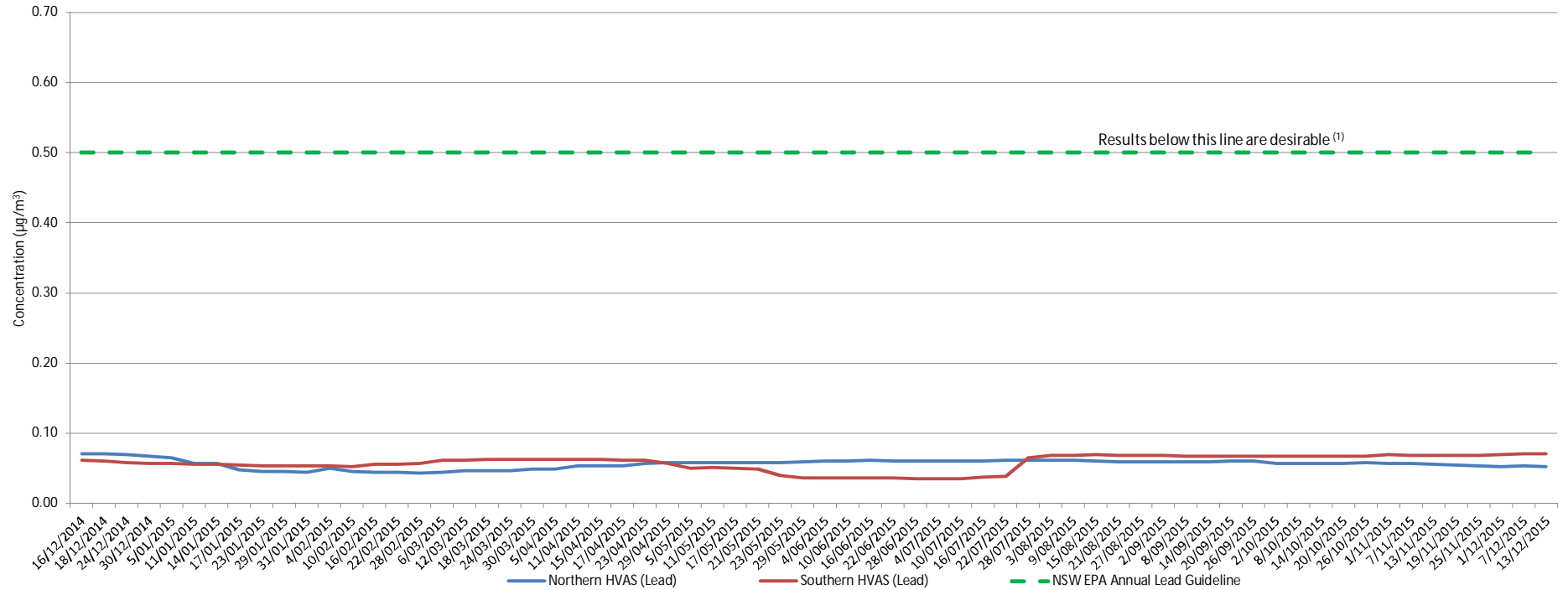
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



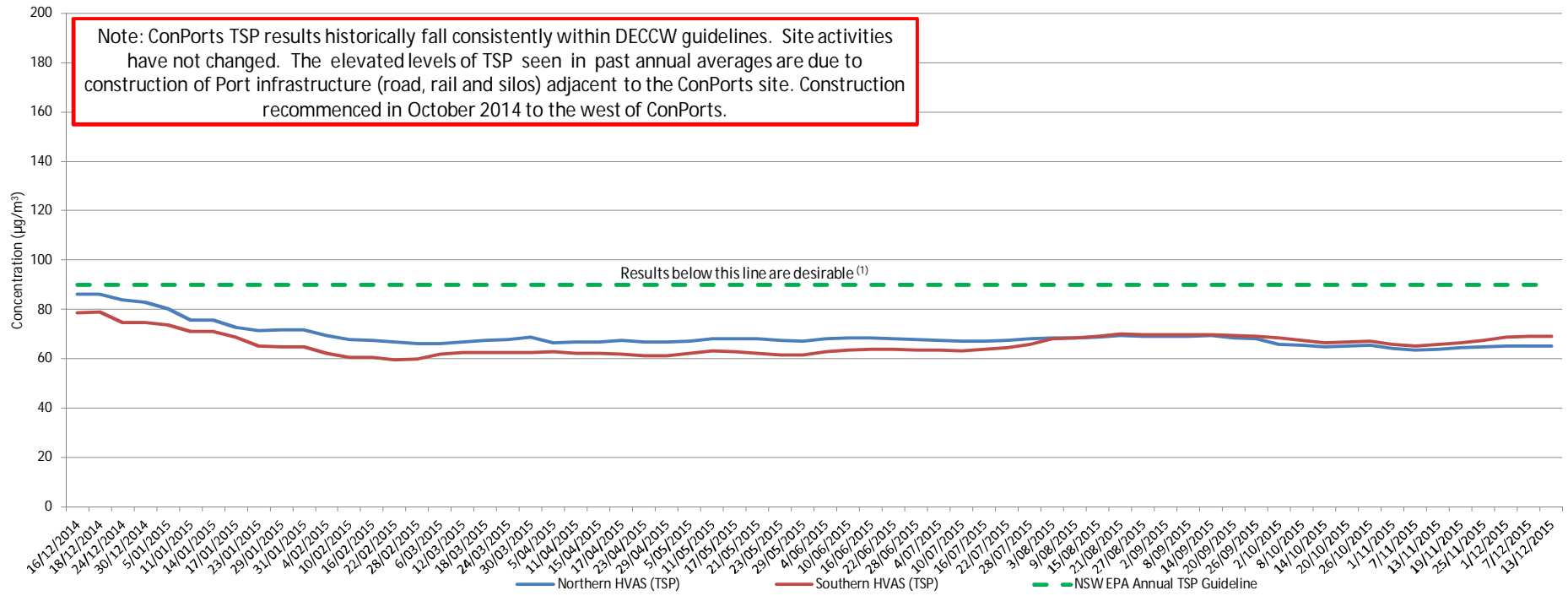
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

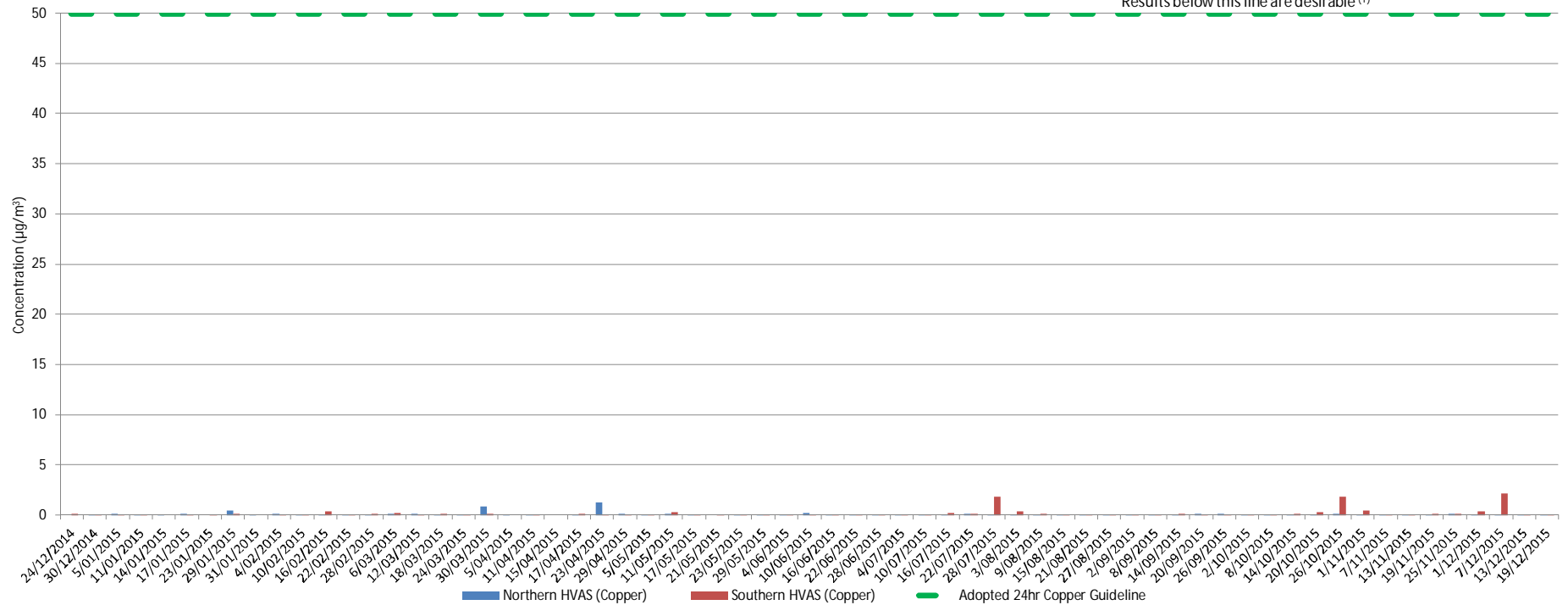
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
13/12/2015	80.5	0.040	0.011	0.14	71.6	0.065	0.017	0.145	
7/12/2015	32.6	0.012	<0.07	0.03	64.6	2.160	0.123	0.934	
1/12/2015	94.2	0.070	0.020	0.21	136.0	0.375	0.054	0.467	
25/11/2015	90.4	0.127	0.025	0.24	127.0	0.126	0.049	0.485	
19/11/2015	102.0	0.021	0.013	0.17	106.0	0.104	0.038	0.348	
13/11/2015	50.1	0.030	0.013	0.18	56.6	0.042	0.016	0.147	
7/11/2015	38.1	0.015	<0.007	0.10	41.9	0.012	0.008	0.101	
1/11/2015	49.1	0.068	0.009	0.08	54.9	0.437	0.125	0.243	
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	Catch up sample at South location
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	
11/05/2015	109.0	0.128	0.047	0.26	91.1	0.316	0.122	0.470	

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
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	
30/12/2014	106.0	0.023	0.008	0.10	95.2	0.020	0.012	0.190	

ConPorts Pty Ltd - 24 Hour Copper

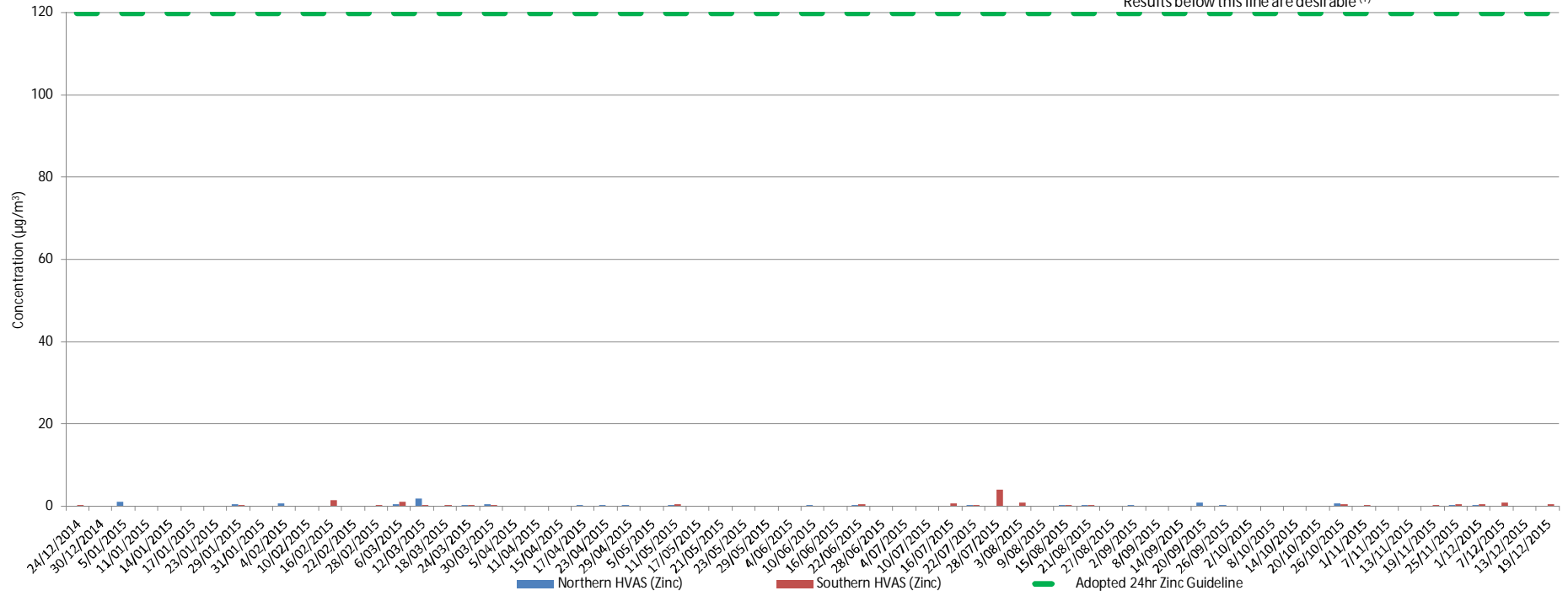
Results below this line are desirable ⁽¹⁾



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

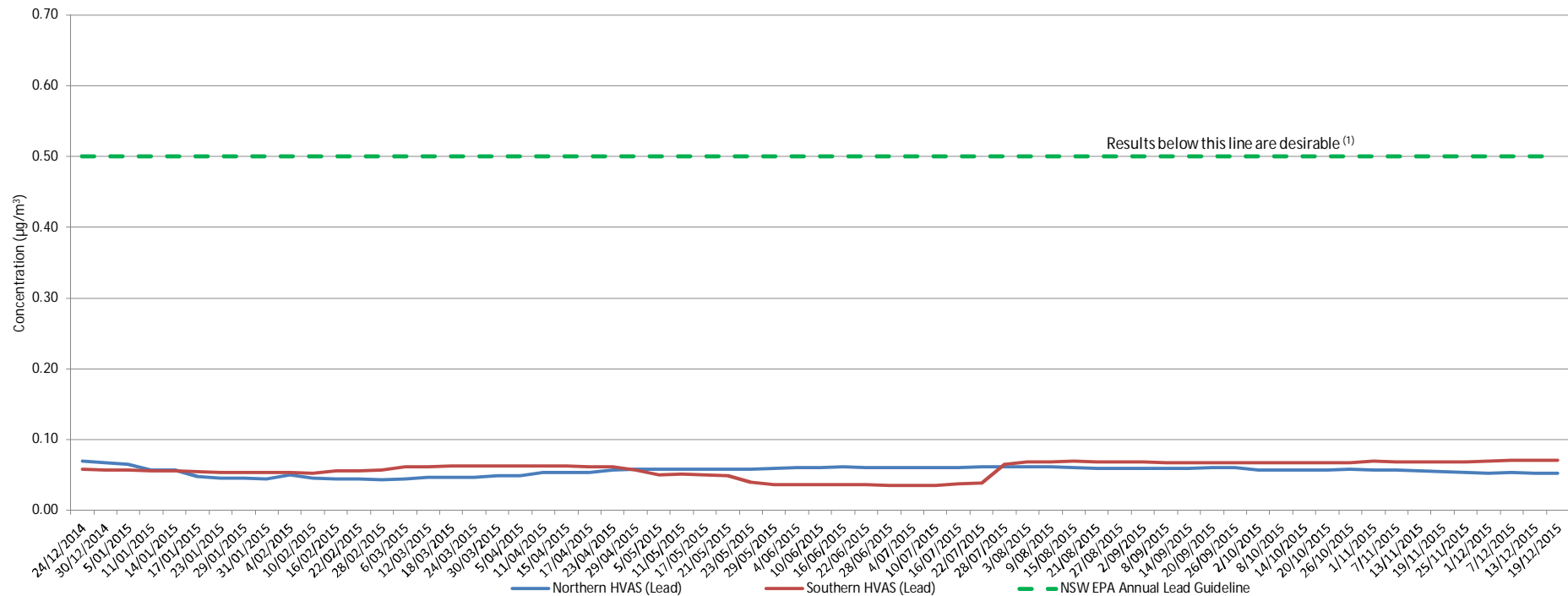
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



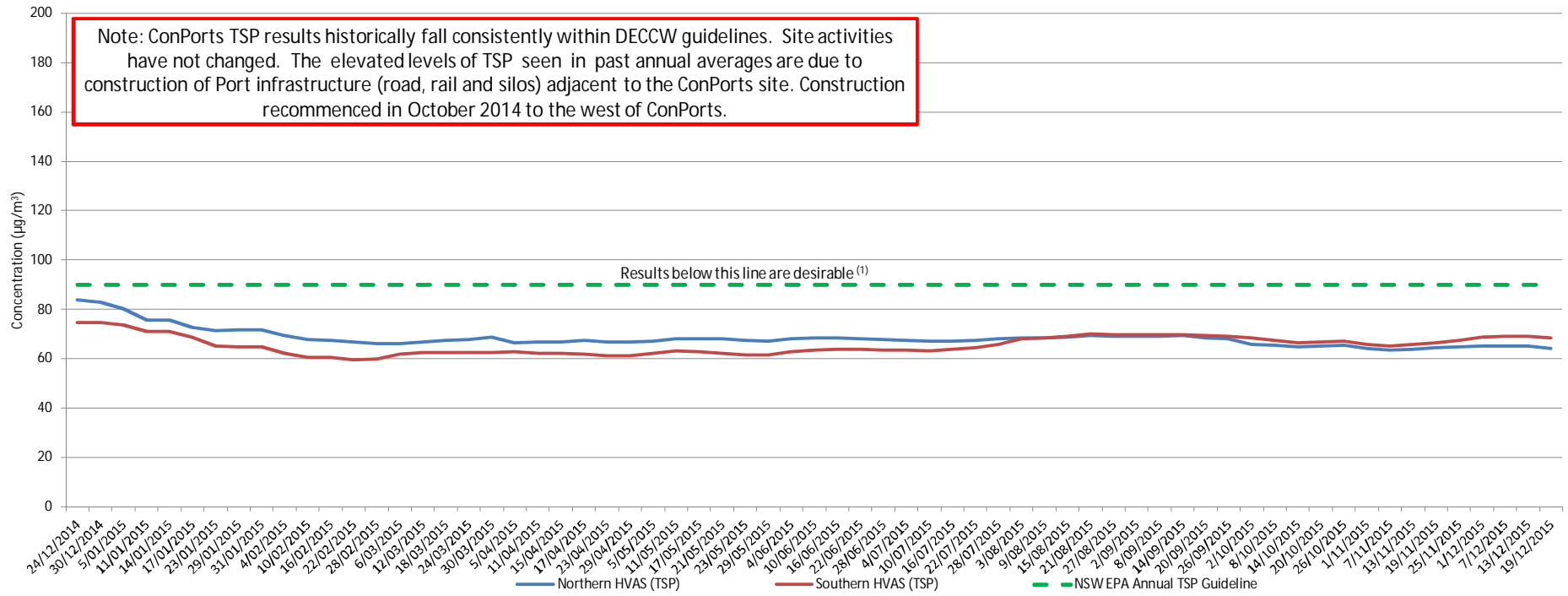
⁽¹⁾There is no available Australian guideline, adopted Ontario Ministry of Environment, Canada, ambient air criterion 24 hr Zinc guideline

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

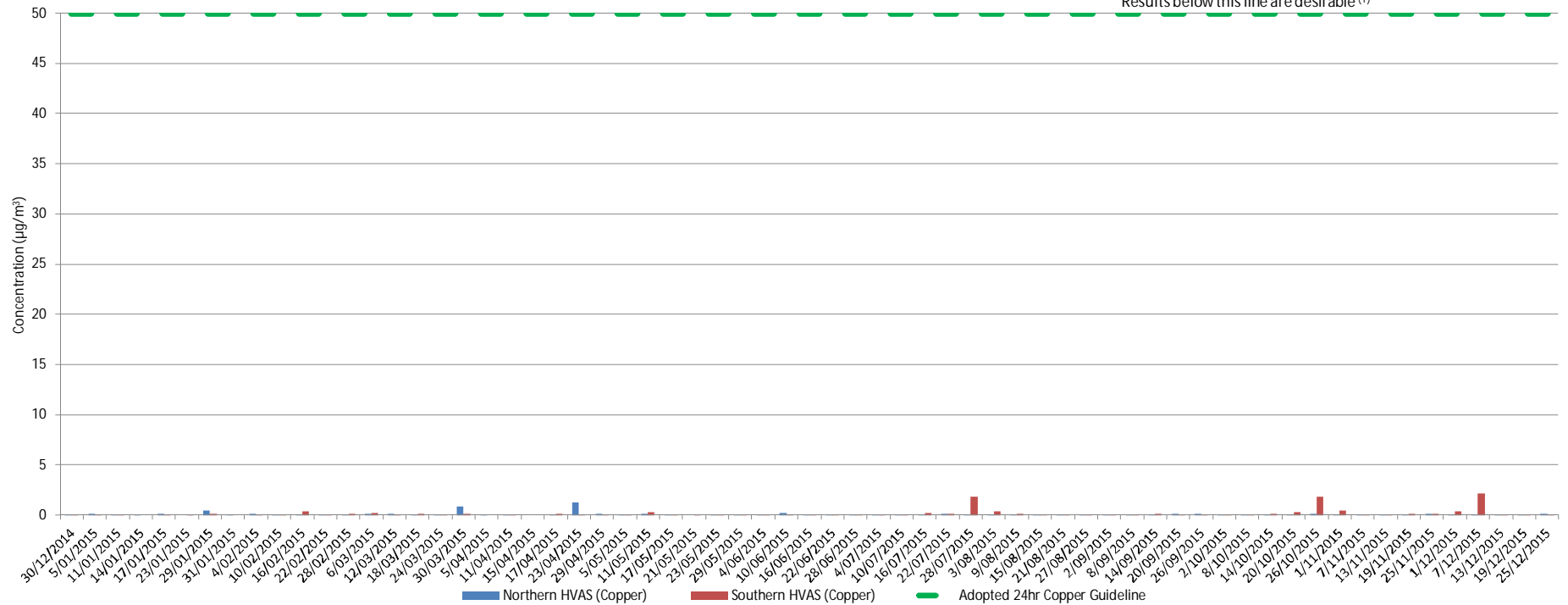
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
19/12/2015	44.9	0.012	<0.007	0.05	41.4	0.028	0.038	0.550	
13/12/2015	80.5	0.040	0.011	0.14	71.6	0.065	0.017	0.145	
7/12/2015	32.6	0.012	<0.07	0.03	64.6	2.160	0.123	0.934	
1/12/2015	94.2	0.070	0.020	0.21	136.0	0.375	0.054	0.467	
25/11/2015	90.4	0.127	0.025	0.24	127.0	0.126	0.049	0.485	
19/11/2015	102.0	0.021	0.013	0.17	106.0	0.104	0.038	0.348	
13/11/2015	50.1	0.030	0.013	0.18	56.6	0.042	0.016	0.147	
7/11/2015	38.1	0.015	<0.007	0.10	41.9	0.012	0.008	0.101	
1/11/2015	49.1	0.068	0.009	0.08	54.9	0.437	0.125	0.243	
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	
17/05/2015	39.2	0.043	0.022	0.15	31.6	0.032	0.015	0.080	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
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	
5/01/2015	58.5	0.144	0.082	1.06	49.3	0.021	0.008	0.093	

ConPorts Pty Ltd - 24 Hour Copper

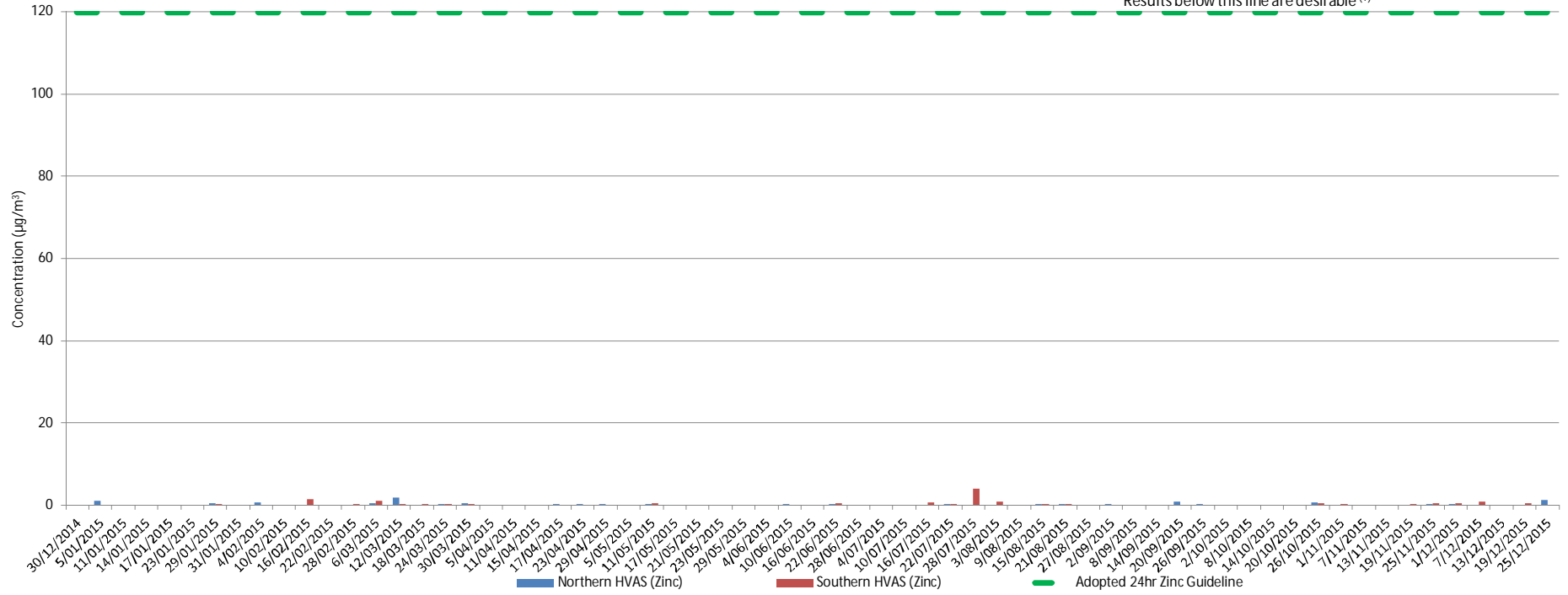
Results below this line are desirable ⁽¹⁾



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

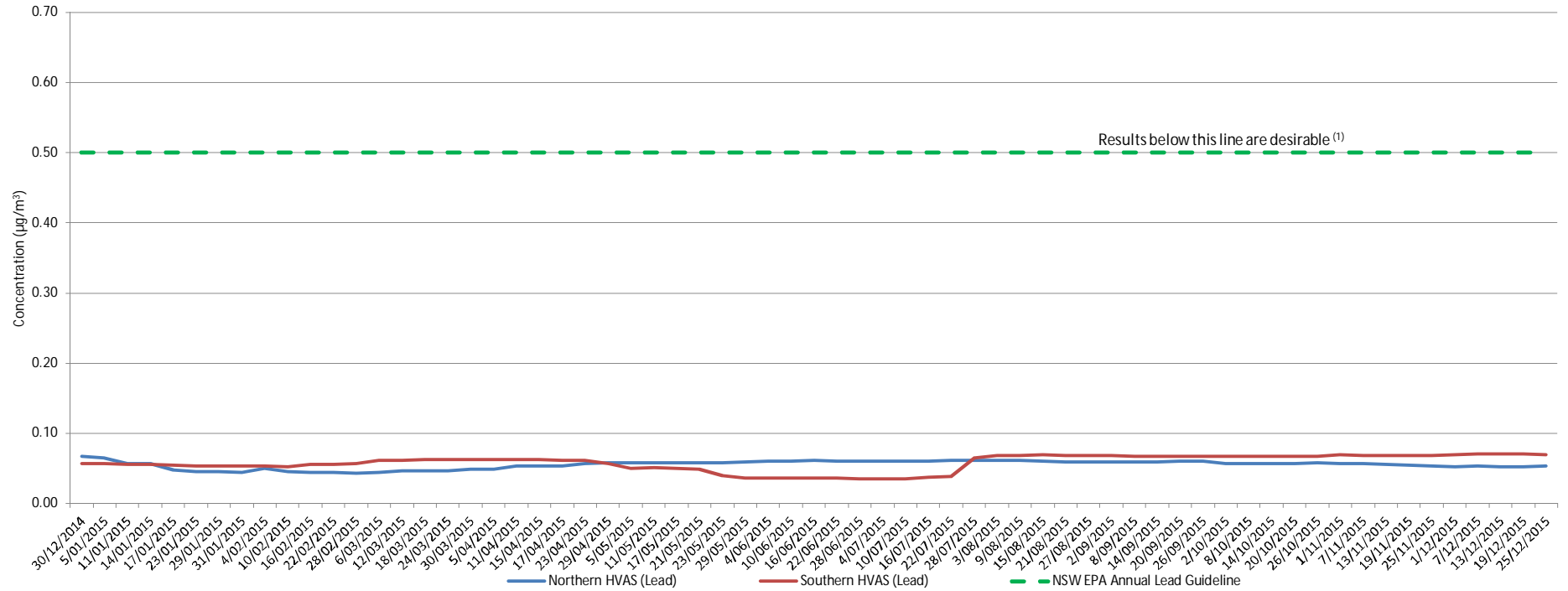
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



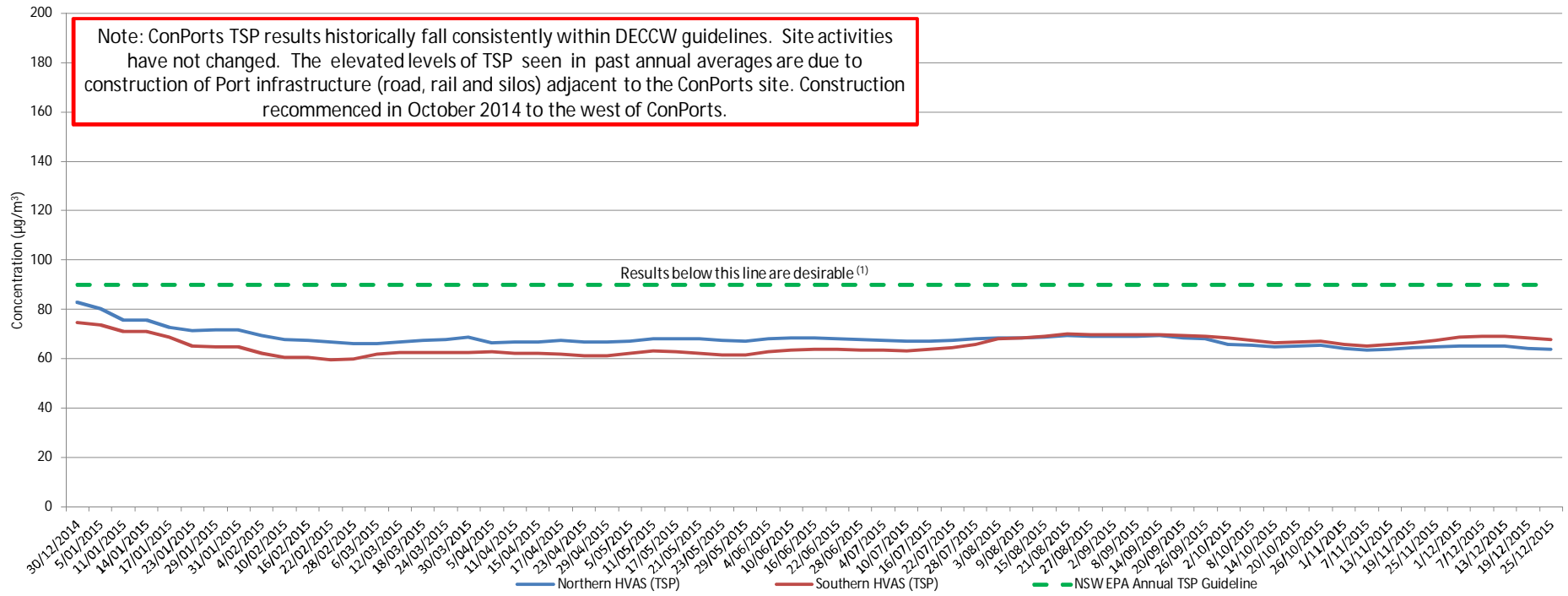
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



(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

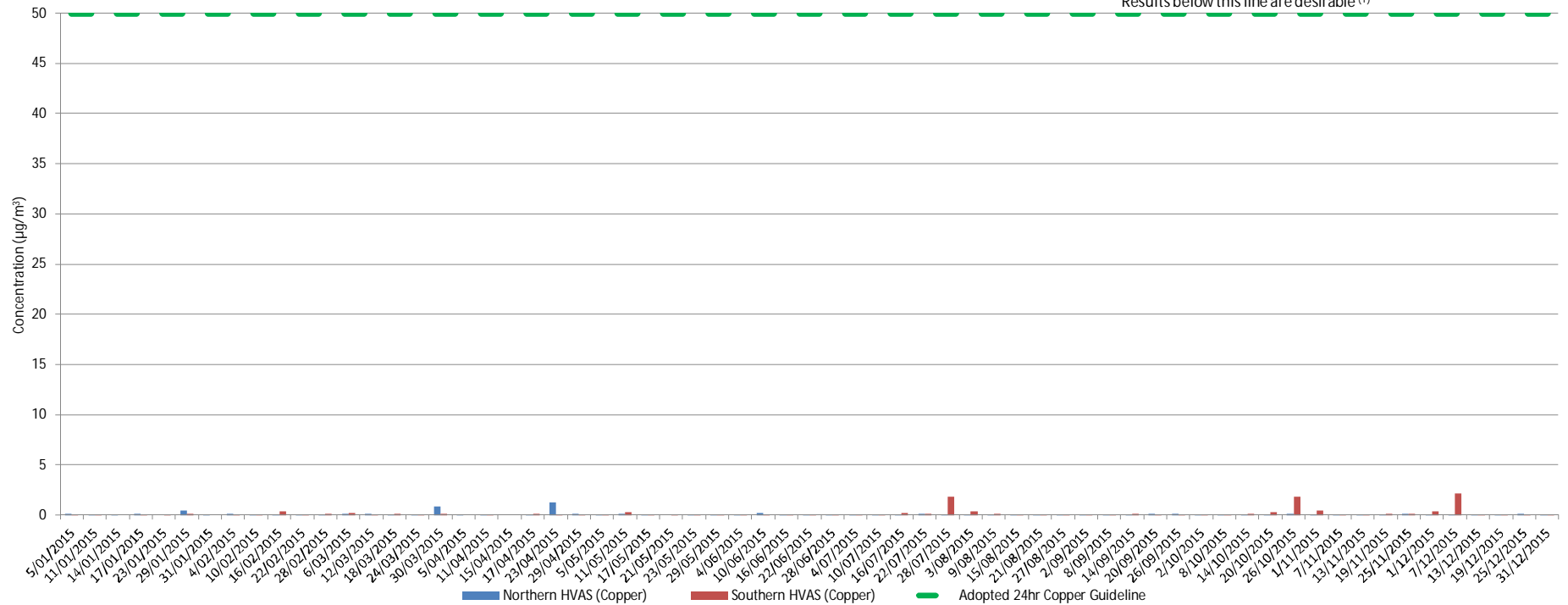
HVAS Run Date	North HVAS TSP	North HVAS Copper	North HVAS Lead	North HVAS Zinc	South HVAS TSP	South HVAS Copper	South HVAS Lead	South HVAS Zinc	Data Comments
25/12/2015	48.4	0.123	0.087	1.35	42.8	0.026	0.008	0.085	
19/12/2015	44.9	0.012	<0.007	0.05	41.4	0.028	0.038	0.550	
13/12/2015	80.5	0.040	0.011	0.14	71.6	0.065	0.017	0.145	
7/12/2015	32.6	0.012	<0.07	0.03	64.6	2.160	0.123	0.934	
1/12/2015	94.2	0.070	0.020	0.21	136.0	0.375	0.054	0.467	
25/11/2015	90.4	0.127	0.025	0.24	127.0	0.126	0.049	0.485	
19/11/2015	102.0	0.021	0.013	0.17	106.0	0.104	0.038	0.348	
13/11/2015	50.1	0.030	0.013	0.18	56.6	0.042	0.016	0.147	
7/11/2015	38.1	0.015	<0.007	0.10	41.9	0.012	0.008	0.101	
1/11/2015	49.1	0.068	0.009	0.08	54.9	0.437	0.125	0.243	
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
20/10/2015	60.3	0.009	0.013	0.07	62.1	0.299	0.031	0.170	
14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
2/09/2015	73.5	0.026	0.035	0.25	83.0	0.038	0.027	0.200	
27/08/2015	46.4	0.020	0.023	0.16	31.3	0.028	0.018	0.126	
21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
16/07/2015	62.7	0.023	0.022	0.16	103.0	0.228	0.154	0.739	
10/07/2015	64.0	0.019	0.025	0.15	66.8	0.029	0.029	0.163	
4/07/2015	81.5	0.023	0.028	0.15	72.9	0.029	0.026	0.127	
28/06/2015	41.9	0.015	0.020	0.07	36.8	0.012	0.018	0.046	
22/06/2015	48.3	0.024	0.015	0.35	64.8	0.024	0.025	0.554	
16/06/2015	30.0	0.006	<0.007	0.03	44.2	0.017	0.011	0.070	
10/06/2015	49.5	0.186	0.072	0.31	48.3	0.012	<0.007	0.043	
4/06/2015	96.4	0.027	0.018	0.18	105.0	0.032	0.027	0.144	
29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	
21/05/2015	-	-	-	-	33.7	0.018	0.010	0.086	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
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
11/04/2015	81.5	0.025	0.275	0.08	20.4	0.054	0.010	0.034	
5/04/2015	41.0	0.052	0.035	0.11	DNR	DNR	DNR	DNR	South sampler did not run - power issue.
30/03/2015	48.1	0.897	0.130	0.46	60.3	0.140	0.024	0.209	
24/03/2015	90.3	0.054	0.040	0.29	91.1	0.052	0.036	0.217	
18/03/2015	94.9	0.039	0.044	0.20	101.0	0.112	0.113	0.355	
12/03/2015	106.0	0.161	0.161	1.92	80.9	0.040	0.039	0.330	
6/03/2015	146.0	0.138	0.087	0.48	176.0	0.195	0.291	1.160	
28/02/2015	73.8	0.017	0.009	0.07	74.1	0.123	0.041	0.273	
22/02/2015	27.0	0.007	<0.007	0.03	27.8	0.010	<0.007	0.040	
16/02/2015	66.9	0.009	<0.007	0.05	66.3	0.353	0.160	1.560	
10/02/2015	38.0	0.014	<0.007	0.05	39.7	0.021	0.012	0.062	
4/02/2015	84.4	0.156	0.420	0.77	56.5	0.029	0.022	0.120	
31/01/2015	67.2	0.017	0.010	0.07	-	-	-	-	Catch up sample at North location.
29/01/2015	130.0	0.416	0.044	0.41	82.7	0.089	0.025	0.214	
23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.
11/01/2015	28.7	0.037	0.008	0.07	25.4	0.026	0.008	0.049	

ConPorts Pty Ltd - 24 Hour Copper

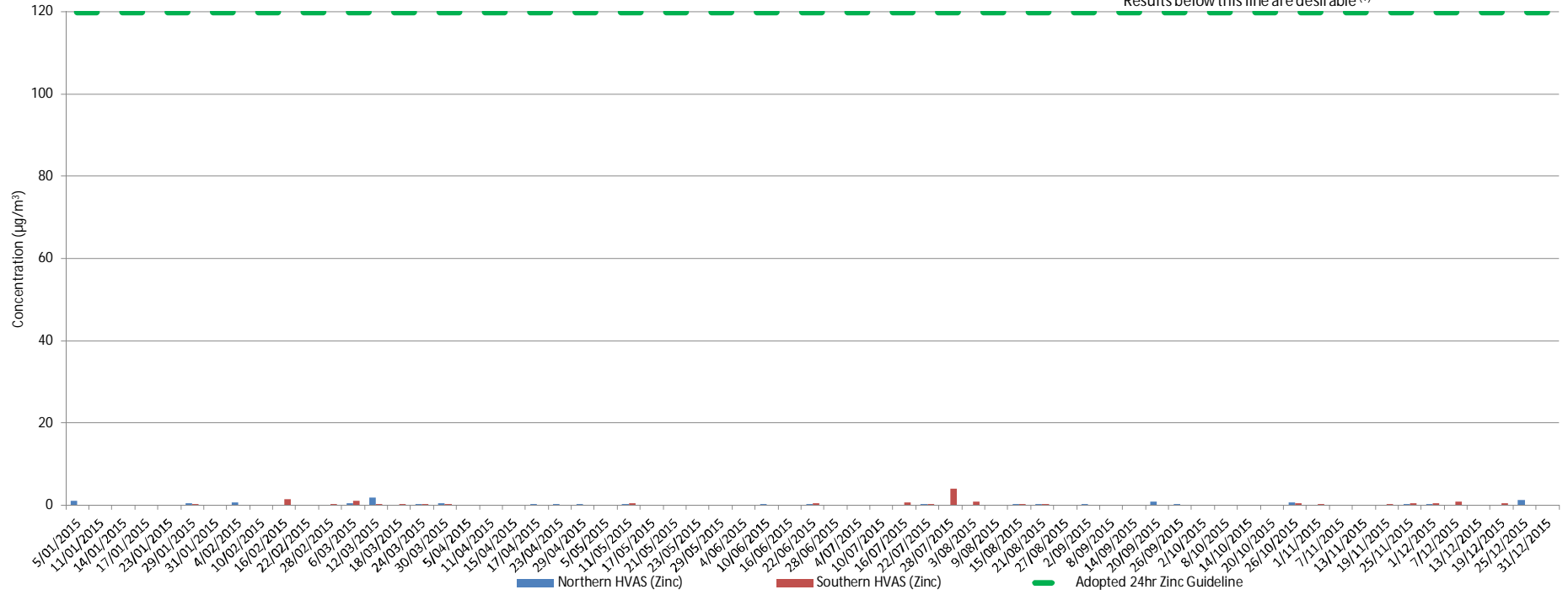
Results below this line are desirable ⁽¹⁾



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

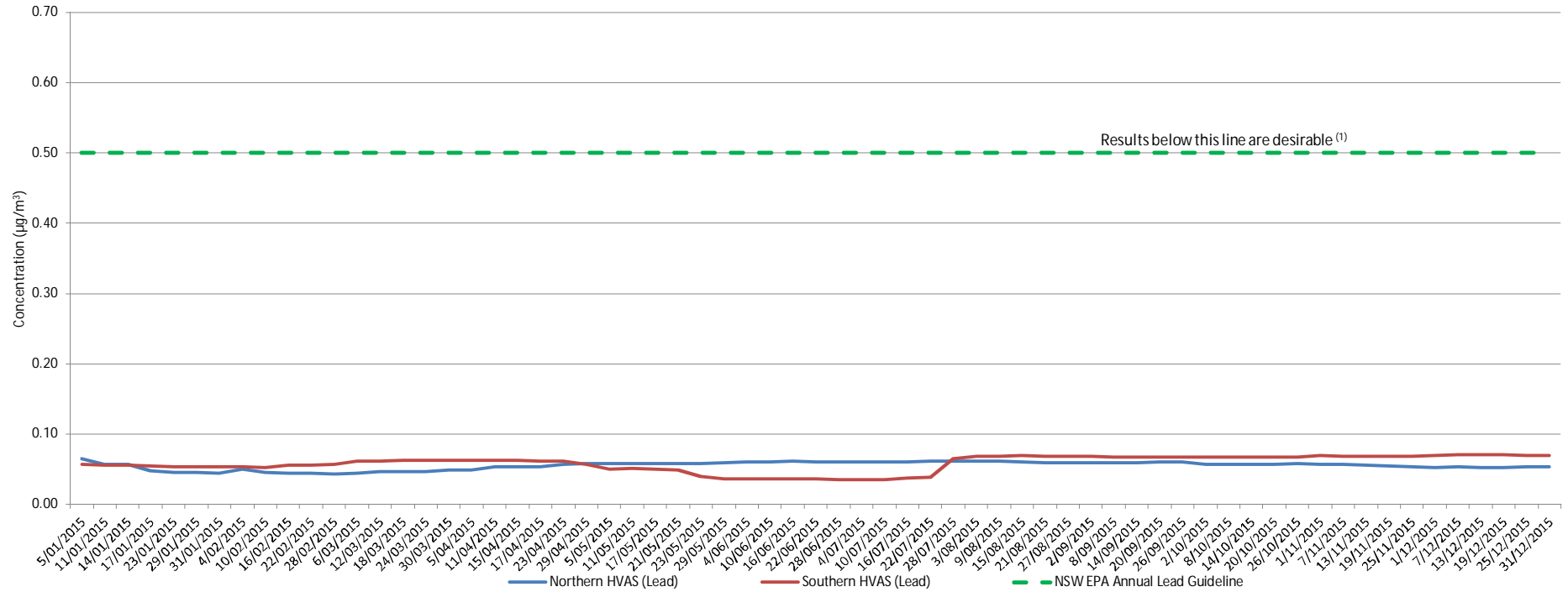
ConPorts Pty Ltd - 24 Hour Zinc

Results below this line are desirable ⁽¹⁾



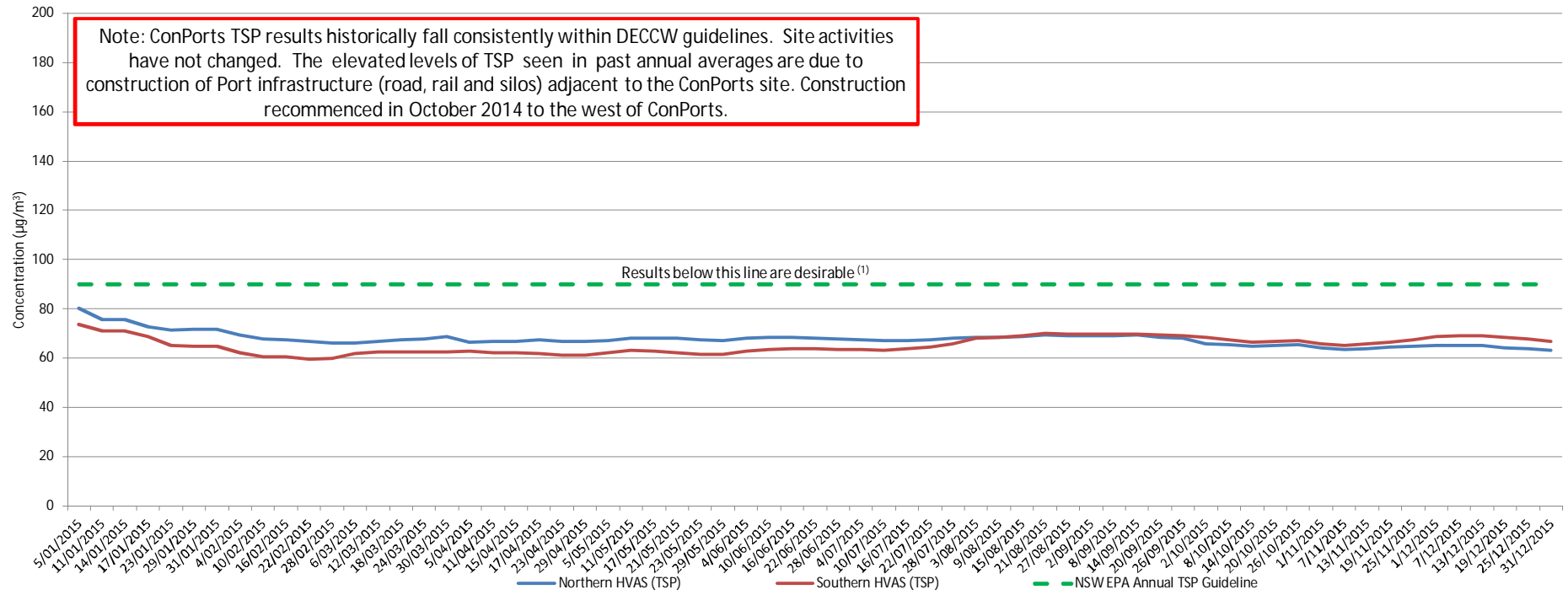
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ConPorts Pty Ltd - 24 Hr Lead - 12 Month Rolling Average



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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
31/12/2015	62.1	0.014	0.012	0.11	44.3	0.022	0.007	0.084	
25/12/2015	48.4	0.123	0.087	1.35	42.8	0.026	0.008	0.085	
19/12/2015	44.9	0.012	<0.007	0.05	41.4	0.028	0.038	0.550	
13/12/2015	80.5	0.040	0.011	0.14	71.6	0.065	0.017	0.145	
7/12/2015	32.6	0.012	<0.07	0.03	64.6	2.160	0.123	0.934	
1/12/2015	94.2	0.070	0.020	0.21	136.0	0.375	0.054	0.467	
25/11/2015	90.4	0.127	0.025	0.24	127.0	0.126	0.049	0.485	
19/11/2015	102.0	0.021	0.013	0.17	106.0	0.104	0.038	0.348	
13/11/2015	50.1	0.030	0.013	0.18	56.6	0.042	0.016	0.147	
7/11/2015	38.1	0.015	<0.007	0.10	41.9	0.012	0.008	0.101	
1/11/2015	49.1	0.068	0.009	0.08	54.9	0.437	0.125	0.243	
26/10/2015	69.4	0.162	0.051	0.75	92.9	1.870	0.042	0.454	
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14/10/2015	36.1	0.008	<0.007	0.02	58.8	0.110	0.030	0.144	
8/10/2015	71.0	0.050	0.017	0.16	67.8	0.038	0.012	0.100	
2/10/2015	57.2	0.077	0.014	0.16	59.2	0.027	0.010	0.086	
26/09/2015	32.3	0.148	0.045	0.38	34.3	0.017	<0.007	0.106	
20/09/2015	25.3	0.150	0.103	0.94	20.8	0.016	0.025	0.198	
14/09/2015	51.8	0.027	0.013	0.10	51.7	0.128	0.020	0.115	
8/09/2015	38.1	0.046	0.014	0.08	36.8	0.028	0.013	0.063	
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21/08/2015	72.9	0.015	0.022	0.29	108.0	0.079	0.055	0.298	
15/08/2015	66.0	0.038	0.026	0.22	70.1	0.075	0.049	0.257	
9/08/2015	58.7	0.032	0.021	0.15	65.2	0.090	0.045	0.190	
3/08/2015	79.0	0.042	0.033	0.18	190.0	0.366	0.234	0.884	
28/07/2015	63.4	0.037	0.034	0.20	106.0	1.820	1.490	3.990	
22/07/2015	67.6	0.105	0.049	0.24	81.4	0.128	0.045	0.295	
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29/05/2015	42.4	0.017	0.113	0.02	58.2	0.066	0.074	0.168	
23/05/2015	53.4	0.039	0.017	0.10	40.8	0.011	0.009	0.066	

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
29/04/2015	38.7	0.159	0.058	0.26	33.5	0.053	0.015	0.081	
23/04/2015	50.2	1.280	0.193	0.32	36.8	0.077	0.011	0.091	
17/04/2015	82.8	0.055	0.099	0.34	22.1	0.088	0.019	0.119	
15/04/2015	-	-	-	-	138.0	1.560	7.270	9.490	Catch up sample at the South location. See note in 15/4/15 data file.
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23/01/2015	DNR	DNR	DNR	DNR	67.7	0.019	0.012	0.062	North sampler failed to complete run. "Filter blockage" error.
17/01/2015	72.8	0.095	0.027	0.18	89.0	0.076	0.026	0.138	
14/01/2015	62.2	0.027	0.013	0.16	-	-	-	-	Catch up sample at North location.