

**EPA Licence No.:** 505  
**Licensee:** Industrial Galvanizers Corporation Pty Ltd  
**Premises:** 312 Pacific Highway, Hexham, NSW 2322  
**Report No.:** 924133-W/20133\_Oct22/R13299

**Date Monitoring Obtained:** 11 October 2022

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
1	6 Monthly	pH	pH Units	N/A	6.47
	6 Monthly	Conductivity	µS	N/A	2.186
	6 Monthly	Chloride	mg/L	N/A	100
	6 Monthly	Ammonia as N	mg/L	N/A	8.3
	6 Monthly	Total Kjedahl Nitrogen	mg/L	N/A	12
	6 Monthly	Chromium Hex. (Filt.)	mg/L	N/A	<0.005
	6 Monthly	Chromium (Total)	mg/L	N/A	<0.001
	6 Monthly	Lead (Filtered)	mg/L	N/A	<0.001
	6 Monthly	Nickel (Filtered)	mg/L	N/A	0.005
	6 Monthly	Zinc (Total)	mg/L	N/A	0.14
	6 Monthly	Zinc (Filtered)	mg/L	N/A	0.005
	6 Monthly	Faecol Coliforms	colony forming units per 100 millilitres	N/A	<18

Date Monitoring Obtained:

11 October 2022

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
2	6 Monthly	pH	pH Units	N/A	6.19
	6 Monthly	Conductivity	µS	N/A	0.681
	6 Monthly	Chloride	mg/L	N/A	110
	6 Monthly	Ammonia as N	mg/L	N/A	0.11
	6 Monthly	Total Kjedahl Nitrogen	mg/L	N/A	0.2
	6 Monthly	Chromium Hex. (Filt.)	mg/L	N/A	<0.005
	6 Monthly	Chromium (Total)	mg/L	N/A	<0.001
	6 Monthly	Lead (Filtered)	mg/L	N/A	<0.001
	6 Monthly	Nickel (Filtered)	mg/L	N/A	0.003
	6 Monthly	Zinc (Total)	mg/L	N/A	0.29
	6 Monthly	Zinc (Filtered)	mg/L	N/A	0.24
	6 Monthly	Faecol Coliforms	colony forming units per 100 millilitres	N/A	<1000

Date Monitoring Obtained: 11 October 2022

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
3	6 Monthly	pH	pH Units	N/A	6.48
	6 Monthly	Conductivity	µS	N/A	2.444
	6 Monthly	Chloride	mg/L	N/A	640
	6 Monthly	Ammonia as N	mg/L	N/A	3.8
	6 Monthly	Total Kjedahl Nitrogen	mg/L	N/A	10
	6 Monthly	Chromium Hex. (Filt.)	mg/L	N/A	<0.005
	6 Monthly	Chromium (Total)	mg/L	N/A	<0.001
	6 Monthly	Lead (Filtered)	mg/L	N/A	<0.001
	6 Monthly	Nickel (Filtered)	mg/L	N/A	0.007
	6 Monthly	Zinc (Total)	mg/L	N/A	1.4
	6 Monthly	Zinc (Filtered)	mg/L	N/A	0.48
	6 Monthly	Faecol Coliforms	colony forming units per 100 millilitres	N/A	<18

**Date Monitoring Obtained:** 26 October 2022

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
4	Quarterly	pH	pH Units	N/A	7.1
	Quarterly	Conductivity	µS	N/A	170
	Quarterly	Chloride	mg/L	N/A	100
	Quarterly	Total Kledahl Nitrogen	mg/L	N/A	0.9
	Quarterly	Chromium Hex. (Filt.)	mg/L	N/A	0.006
	Quarterly	Chromium (Total)	mg/L	N/A	<0.001
	Quarterly	Lead (Total)	mg/L	N/A	<0.001
	Quarterly	Nickel (Total)	mg/L	N/A	0.014
	Quarterly	Zinc (Total)	mg/L	N/A	17
	Quarterly	Zinc (Filtered)	mg/L	N/A	19
	Quarterly	Total Suspended Solids	mg/L	N/A	41

**Date Monitoring Obtained:** 26 October 2022

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
5	Quarterly	pH	pH Units	N/A	6.6
	Quarterly	Conductivity	µS	N/A	93
	Quarterly	Chloride	mg/L	N/A	57
	Quarterly	Total Kledahl Nitrogen	mg/L	N/A	1.2
	Quarterly	Chromium Hex. (Filt.)	mg/L	N/A	<0.005
	Quarterly	Chromium (Total)	mg/L	N/A	<0.001
	Quarterly	Lead (Total)	mg/L	N/A	<0.001
	Quarterly	Nickel (Total)	mg/L	N/A	0.012
	Quarterly	Zinc (Total)	mg/L	N/A	9.2
	Quarterly	Zinc (Filtered)	mg/L	N/A	9.1
	Quarterly	Total Suspended Solids	mg/L	N/A	<5

**Date Monitoring Obtained:** 26 October 2022

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
6	Quarterly	pH	pH Units	N/A	7.1
	Quarterly	Conductivity	µS	N/A	85
	Quarterly	Chloride	mg/L	N/A	37
	Quarterly	Total Kledahl Nitrogen	mg/L	N/A	2.1
	Quarterly	Chromium Hex. (Filt.)	mg/L	N/A	0.008
	Quarterly	Chromium (Total)	mg/L	N/A	0.011
	Quarterly	Lead (Total)	mg/L	N/A	<0.001
	Quarterly	Nickel (Total)	mg/L	N/A	0.006
	Quarterly	Zinc (Total)	mg/L	N/A	7.3
	Quarterly	Zinc (Filtered)	mg/L	N/A	7.0
	Quarterly	Total Suspended Solids	mg/L	N/A	5.6

**Date Monitoring Obtained:** 31 October 2022

EPA ID	Location Description	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
7	Main Stack	6 Monthly	Total Solid Particles	mg/m <sup>3</sup>	30	<2
		6 Monthly	Hydrogen Chloride	mg/m <sup>3</sup>	5	0.093
		6 Monthly	Type 1 & 2 substances in aggregate	mg/m <sup>3</sup>	1	≤0.022
		6 Monthly	Zinc & Zinc Compounds	mg/m <sup>3</sup>	5	0.044
		6 Monthly	PM10	mg/m <sup>3</sup>	2	<2
		6 Monthly	Velocity	m/s	16	18
		6 Monthly	Ammonia	mg/m <sup>3</sup>	30	7.2