

EPA Licence No.: 505
Licensee: Industrial Galvanizers Corporation Pty Ltd
Premises: 312 Pacific Highway, Hexham, NSW 2322
Report No.: 819187-W/824036-W/20133

Date Monitoring Obtained: 12 September 2021

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
1	6 Monthly	pH	pH Units	N/A	7.0
	6 Monthly	Conductivity	µS	N/A	1200
	6 Monthly	Chloride	mg/L	N/A	40
	6 Monthly	Ammonia as N	mg/L	N/A	4.7
	6 Monthly	Total Kjedahl Nitrogen	mg/L	N/A	7.8
	6 Monthly	Chromium Hex. (Filt.)	mg/L	N/A	<0.005
	6 Monthly	Chromium (Total)	mg/L	N/A	0.002
	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	0.048
	6 Monthly	Zinc (Filtered)	mg/L	N/A	0.037
	6 Monthly	Faecol Coliforms	colony forming units per 100 millilitres	N/A	<100

Date Monitoring Obtained:

12 September 2021

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
2	6 Monthly	pH	pH Units	N/A	6.5
	6 Monthly	Conductivity	µS	N/A	0.86
	6 Monthly	Chloride	mg/L	N/A	330
	6 Monthly	Ammonia as N	mg/L	N/A	<0.01
	6 Monthly	Total Kjedahl Nitrogen	mg/L	N/A	0.6
	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	0.008
	6 Monthly	Zinc (Total)	mg/L	N/A	0.6
	6 Monthly	Zinc (Filtered)	mg/L	N/A	0.49
	6 Monthly	Faecol Coliforms	colony forming units per 100 millilitres	N/A	<10

Date Monitoring Obtained: 12 September 2021

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
3	6 Monthly	pH	pH Units	N/A	6.7
	6 Monthly	Conductivity	µS	N/A	3000
	6 Monthly	Chloride	mg/L	N/A	680
	6 Monthly	Ammonia as N	mg/L	N/A	2.2
	6 Monthly	Total Kjedahl Nitrogen	mg/L	N/A	7.4
	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	0.01
	6 Monthly	Zinc (Total)	mg/L	N/A	0.57
	6 Monthly	Zinc (Filtered)	mg/L	N/A	0.7
	6 Monthly	Faecol Coliforms	colony forming units per 100 millilitres	N/A	<100

Date Monitoring Obtained: 24 August 2021

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
4	Quarterly	pH	pH Units	N/A	6.0
	Quarterly	Conductivity	µS	N/A	250
	Quarterly	Chloride	mg/L	N/A	54
	Quarterly	Total Kledahl Nitrogen	mg/L	N/A	2.7
	Quarterly	Chromium Hex. (Filt.)	mg/L	N/A	<0.005
	Quarterly	Chromium (Total)	mg/L	N/A	0.002
	Quarterly	Lead (Total)	mg/L	N/A	<0.001
	Quarterly	Nickel (Total)	mg/L	N/A	0.008
	Quarterly	Zinc (Total)	mg/L	N/A	12
	Quarterly	Zinc (Filtered)	mg/L	N/A	12
	Quarterly	Total Suspended Solids	mg/L	N/A	2.6

Date Monitoring Obtained: 24 August 2021

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
5	Quarterly	pH	pH Units	N/A	6.1
	Quarterly	Conductivity	µS	N/A	130
	Quarterly	Chloride	mg/L	N/A	28
	Quarterly	Total Kledahl Nitrogen	mg/L	N/A	2.7
	Quarterly	Chromium Hex. (Filt.)	mg/L	N/A	<0.005
	Quarterly	Chromium (Total)	mg/L	N/A	0.002
	Quarterly	Lead (Total)	mg/L	N/A	<0.001
	Quarterly	Nickel (Total)	mg/L	N/A	0.009
	Quarterly	Zinc (Total)	mg/L	N/A	9.3
	Quarterly	Zinc (Filtered)	mg/L	N/A	10.0
	Quarterly	Total Suspended Solids	mg/L	N/A	2.8

Date Monitoring Obtained: 24 August 2021

EPA ID	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
6	Quarterly	pH	pH Units	N/A	7.1
	Quarterly	Conductivity	µS	N/A	100
	Quarterly	Chloride	mg/L	N/A	13
	Quarterly	Total Kledahl Nitrogen	mg/L	N/A	0.5
	Quarterly	Chromium Hex. (Filt.)	mg/L	N/A	<0.005
	Quarterly	Chromium (Total)	mg/L	N/A	0.007
	Quarterly	Lead (Total)	mg/L	N/A	<0.001
	Quarterly	Nickel (Total)	mg/L	N/A	0.002
	Quarterly	Zinc (Total)	mg/L	N/A	3.1
	Quarterly	Zinc (Filtered)	mg/L	N/A	3.1
	Quarterly	Total Suspended Solids	mg/L	N/A	9.2

Date Monitoring Obtained: 5 November 2021

EPA ID	Location Description	Required Frequency	Pollutant	Units	Licence Limit	Detected Values
7	Main Stack	6 Monthly	Total Solid Particles	mg/m ³	30	<2
		6 Monthly	Hydrogen Chloride	mg/m ³	5	0.044
		6 Monthly	Type 1 & 2 substances in aggregate	mg/m ³	1	≤0.032
		6 Monthly	Zinc & Zinc Compounds	mg/m ³	5	0.057
		6 Monthly	PM10	mg/m ³	2	<2
		6 Monthly	Velocity	m/s	16	18
		6 Monthly	Ammonia	mg/m ³	30	11 / 17