Drain Outlet Monitoring

Licence Holder: Metal Manufactures Limited
Gloucester Boulevarde, Port Kembla NSW 2505
EPL Number: 6158
Click here to link to Licence 6158

Results of ongoing drain monitoring are provided below.

The sample locations "Drain 3 Outlet" and "Street Outlet" are indicated in the image to the right

The Street Outlet sampling point is fed from the roadway and paths on Gloucester Boulevarde, with no feed from the MM Kembla site.

Sample			Drain 3 Outlet	Street Outlet
Date Sampled			10/05/2022	10/05/2022
Type of sample	Units	PQL	Water	Water
Dichlorodifluoromethane	µg/L	10	<10	<10
Chloromethane	µg/L	10	<10	<10
Vinyl Chloride	µg/L	10	<10	<10
Bromomethane	µg/L	10	<10	<10
Chloroethane	µg/L	10	<10	<10
Trichlorofluoromethane	µg/L	10	<10	<10
1,1-Dichloroethene	µg/L	1	<1	<1
Trans-1,2-dichloroethene	µg/L	1	<1	<1
1,1-dichloroethane	µg/L	1	<1	<1
Cis-1,2-dichloroethene	µg/L	1	<1	<1
Bromochloromethane	µg/L	1	<1	<1
Chloroform	µg/L	1	<1	<1
2,2-dichloropropane	µg/L	1	<1	<1
1,2-dichloroethane	µg/L	1	<1	<1
1,1,1-trichloroethane	µg/L	1	<1	<1
1,1-dichloropropene	µg/L	1	<1	<1
Cyclohexane	µg/L	1	<1	<1
Carbon tetrachloride	µg/L	1	<1	<1
Benzene	µg/L	1	<1	<1

Sample			Drain 3 Outlet	Street Outlet
Date Sampled			10/05/2022	10/05/2022
Type of sample	Units	PQL	Water	Water
Dibromomethane	µg/L	1	<1	<1
1,2-dichloropropane	µg/L	1	<1	<1
Trichloroethene	µg/L	1	<1	<1
Bromodichloromethane	µg/L	1	<1	<1
trans-1,3-dichloropropene	µg/L	1	<1	<1
cis-1,3-dichloropropene	µg/L	1	<1	<1
1,1,2-trichloroethane	µg/L	1	<1	<1
Toluene	µg/L	1	<1	<1
1,3-dichloropropane	µg/L	1	<1	<1
Dibromochloromethane	µg/L	1	<1	<1
1,2-dibromoethane	µg/L	1	<1	<1
Tetrachloroethene	µg/L	1	<1	<1
1,1,1,2-tetrachloroethane	µg/L	1	<1	<1
Chlorobenzene	µg/L	1	<1	<1
Ethylbenzene	µg/L	1	<1	<1
Bromoform	µg/L	1	<1	<1
m+p-xylene	µg/L	2	<2	<2
Styrene	µg/L	1	<1	<1
1,1,2,2-tetrachloroethane	µg/L	1	<1	<1
o-xylene	µg/L	1	<1	<1
1,2,3-trichloropropane	µg/L	1	<1	<1
Isopropylbenzene	µg/L	1	<1	<1
Bromobenzene	µg/L	1	<1	<1
n-propyl benzene	µg/L	1	<1	<1
2-chlorotoluene	µg/L	1	<1	<1
4-chlorotoluene	µg/L	1	<1	<1
1,3,5-trimethyl benzene	µg/L	1	<1	<1
Tert-butyl benzene	µg/L	1	<1	<1
1,2,4-trimethyl benzene	µg/L	1	<1	<1
1,3-dichlorobenzene	µg/L	1	<1	<1
Sec-butyl benzene	µg/L	1	<1	<1
1,4-dichlorobenzene	µg/L	1	<1	<1
4-isopropyl toluene	µg/L	1	<1	<1
1,2-dichlorobenzene	µg/L	1	<1	<1
n-butyl benzene	µg/L	1	<1	<1

Sample			Drain 3 Outlet	Street Outlet
Date Sampled			10/05/2022	10/05/2022
Type of sample	Units	PQL	Water	Water
1,2-dibromo-3-chloropropane	µg/L	1	<1	<1
1,2,4-trichlorobenzene	µg/L	1	<1	<1
Hexachlorobutadiene	µg/L	1	<1	<1
1,2,3-trichlorobenzene	µg/L	1	<1	<1
SurrogateDibromofluoromethane	%		99	99
Surrogate toluene-d8	%		97	97
Surrogate 4-BFB	%		103	103
TRH C6 - C9	µg/L	10	<10	<10
TRH C6 - C10	µg/L	10	<10	<10
TRH C6 - C10 lessBTEX (F1)	µg/L	10		
Benzene	µg/L	1		
Toluene	µg/L	1		
Ethylbenzene	µg/L	1		
m+p-xylene	µg/L	2		
o-xylene	µg/L	1		
Naphthalene	µg/L	1		
SurrogateDibromofluoromethane	%		99	99
Surrogate toluene-d8	%		97	97
Surrogate 4-BFB	%		103	103
TRH C10 - C14	µg/L	50	<50	50
TRH C15 - C28	µg/L	100	<100	210
TRH C29 - C36	µg/L	100	<100	240
Total +ve TRH (C10-C36)	µg/L	50	<50	500
TRH >C10 - C16	µg/L	50	<50	<50
TRH >C10 - C16less Naphthalene (F2)	µg/L	50	[NT]	[NT]
TRH >C16 - C34	µg/L	100	<100	400
TRH >C34 - C40	µg/L	100	<100	120
Total +ve TRH (>C10-C40)	µg/L	50	<50	520
Surrogate o-Terphenyl	%		69	75
Naphthalene	µg/L	1	<1	<1
Acenaphthylene	µg/L	1	<1	<1
Acenaphthene	µg/L	1	<1	<1
Fluorene	µg/L	1	<1	<1
Phenanthrene	µg/L	1	<1	<1
Anthracene	µg/L	1	<1	<1

Sample			Drain 3 Outlet	Street Outlet
Date Sampled			10/05/2022	10/05/2022
Type of sample	Units	PQL	Water	Water
Fluoranthene	µg/L	1	<1	<1
Pyrene	µg/L	1	<1	<1
Benzo(a)anthracene	µg/L	1	<1	<1
Chrysene	µg/L	1	<1	<1
Benzo(b,j+k)fluoranthene	µg/L	2	<2	<2
Benzo(a)pyrene	µg/L	1	<1	<1
Indeno(1,2,3-c,d)pyrene	µg/L	1	<1	<1
Dibenzo(a,h)anthracene	µg/L	1	<1	<1
Benzo(g,h,i)perylene	µg/L	1	<1	<1
Benzo(a)pyrene TEQ	µg/L	5	<5	<5
Total +vePAH's	µg/L	1	NIL (+)VE	NIL (+)VE
Surrogate p-Terphenyl-d14	%		79	73
pH	pH Units		7.7	7.9
Electrical Conductivity	µS/cm	1	560	470