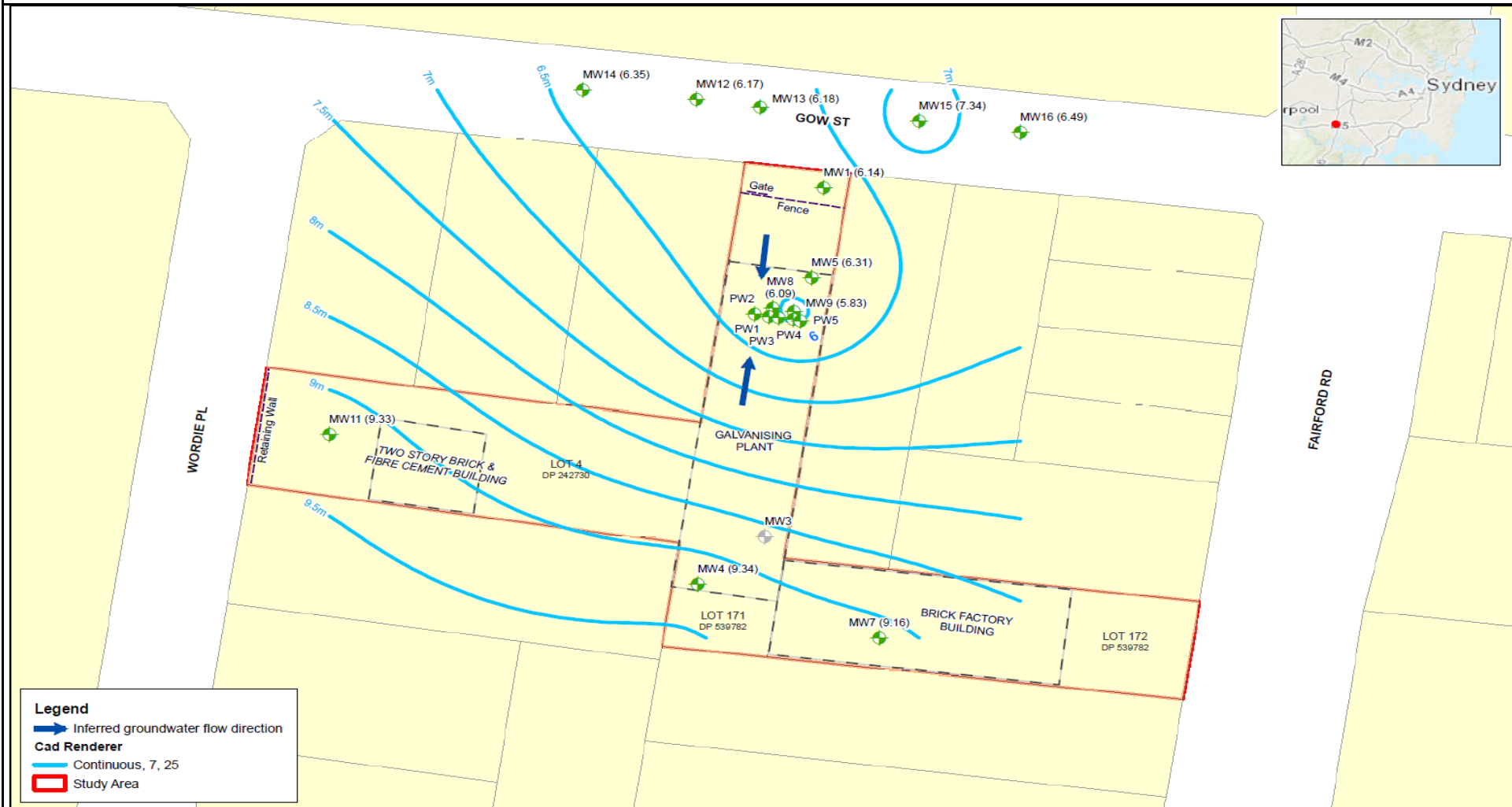
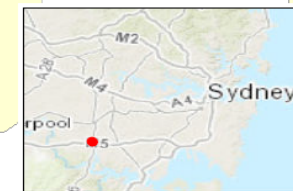


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 Groundwater Monitoring Frequency: Annual



Legend
 ➔ Inferred groundwater flow direction
 Cad Renderer
 Continuous, 7, 25
 Study Area

Map: PS111360_GIS_003_A1 Author: orfanosm
 Date: 25/10/2018 Approved by: M Watson
 Source: Land and Property Information NSW 2017. Map reproduced with permission of LPI. Copyright Universal Publishers Pty Ltd. 510 1006
 Coordinate system: GDA 1994 MGA Zone 56
 Scale ratio correct when printed at A4



Galvatech

Groundwater Monitoring September 2018
 Galvatech galvanising plant, 1 Wordie Place, Padstow, NSW
 Figure 3
 Groundwater Contour Plan

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 Groundwater Monitoring Frequency: Annual

	2014				2015				2016				2017				2018			
Sampling Date	28/09/2014				27/09/2015				25/09/2016				24/09/2017				23/09/2018			
Obtained Date	7/11/2014				12/11/2015				18/10/2016				20/10/2017				29/10/2018			
Published Date	14/03/2014				4/12/2015				28/10/2016				25/10/2017				13/11/2018			
Well	pH	Pb (mg/L)	Zn (mg/L)	NH ₃ (mg/L)	pH	Pb (mg/L)	Zn (mg/L)	NH ₃ (mg/L)	pH	Pb (mg/L)	Zn (mg/L)	NH ₃ (mg/L)	pH	Pb (mg/L)	Zn (mg/L)	NH ₃ (mg/L)	pH	Pb (mg/L)	Zn (mg/L)	NH ₃ (mg/L)
MW1	5.3	nd	11	0.2	5.3	nd	2.4	0.015	5.2	0.002	1.4	0.09	7.1	nd	1.5	5.2	3.4	nd	2.4	0.096
MW4	6.4	nd	0.4	5.6	6.4	0.003	3.1	3.7	7.3	0.016	4.8	5.7	5.9	0.01	23	2.6	6.7	0.002	41	31
MW5	4.6	0.089	1700	26	3.2	0.1	1200	19	3.4	0.073	1200	13	2.6	0.9	1200	27	2.6	0.78	1100	30
MW7	4.5	0.009	0.78	0.038	5.5	0.002	7.7	nd	4.6	0.004	1	0.051	4.6	0.01	1.6	0.1	4.7	0.005	4.1	0.098
MW8	4.6	0.19	370	20	3.4	0.19	230	8.8	3.2	0.24	470	11	3.9	0.093	350	12	5.2	0.039	360	20
MW9	2.7	0.83	2700	370	2.7	0.91	2300	420	3.8	0.32	1200	120	5.6	1.4	2700	330	4.0	0.83	2400	360
MW11	4.4	0.005	0.75	1.1	5.0	0.007	0.93	0.55	5.7	0.001	1.5	0.23	4.6	0.007	1.2	0.44	4.4	0.005	1.4	0.49
MW12	5.3	0.002	68	1	5.2	0.009	6.7	0.15	5.6	nd	62	2.2	5.1	0.002	41	1.9	5.5	0.001	38	5.7
MW13	5.2	0.004	49	2.8	4.8	0.032	31	0.67	Well Damaged - No Sample				4.1	0.005	32	1.4	5.5	0.001	24	1.9
MW14	5.6	nd	1.9	0.22	5.6	0.004	1.5	0.13	5.9	nd	1.9	0.16	5.8	nd	1.3	0.22	5.9	nd	1.3	0.18
MW15	Well Dry - No Sample				Well Dry - No Sample				Well Damaged - No Sample				4.2	0.003	1.5	0.23	4.9	nd	0.29	0.099
MW16	5.0	0.12	1.7	0.074	5.0	nd	0.29	0.049	5.3	nd	0.14	0.12	4.9	0.001	0.3	0.12	5.7	nd	0.49	0.098
PW1	5.8	0.043	52	3.8	6.1	0.001	43	3.6	2.7	0.005	62	5.3	5.9	0.002	55	4.3	6.3	nd	29	2.7
PW2	4.3	0.072	330	44	5.6	0.018	250	34	5.3	0.05	300	36	3.8	0.024	220	35	5.5	0.004	64	8.8
PW3	4.7	0.079	560	110	5.2	0.036	520	94	4.7	0.095	540	86	5.1	0.057	630	100	-	0.017	160	28
PW4	2.8	0.034	540	110	Insufficient volume to sample				4.4	0.11	560	110	4.7	0.008	580	96	4.4	0.004	19	2.6
PW5	Insufficient volume to sample				Insufficient volume to sample				3.0	0.76	680	70	Insufficient volume to sample				3.3	0.18	52	12
AAC*	-	0.01 ^A	0.072 ^B	2.57 ^C	-	0.01 ^A	0.072 ^B	2.57 ^C	-	0.01 ^A	0.072 ^B	2.57 ^C	-	0.01 ^A	0.072 ^B	2.57 ^C	-	0.01 ^A	0.072 ^B	2.57 ^C

Notes

- * - Adopted Assessment Criteria
- A - NHMRC/ARMCANZ (1996) Australian Drinking Water Guidelines
- B - ANZECC/ARMCANZ (2000) Australian and New Zealand Guidelines for Fresh and Marine Water Quality - Trigger value for freshwater, 95% level of protection
- C - ANZECC/ARMCANZ (2000) Australian and New Zealand Guidelines for Fresh and Marine Water Quality - Trigger value for freshwater, 95% level of protection, assumed pH of 6.0
- nd - Not detected above laboratory Practicval Quantification Limits