

Ring Main Dewatering and Foam Filling Record - to 16/02/2012 - Complete

Pipe fill run reference no.	Ring Main Chainage	Length (m)	Pipe diameter (mm)	Pipe run volume (m ³)	Start (VP/EP)	Finish (VP/EP)	Length filled (m)	Foam filled date	Comments
RM1	126	126	152.4	2.3	VP15	EP1	126	05/12/2011	Complete
RM2	270	144	152.4	2.6	EP1	VP13	144	05/12/2011	Complete
RM3	410	140	152.4	2.6	VP13	VP12	140	05/12/2011	Complete
RM4	576	166	152.4	3.0	VP12	VP12A	166	05/12/2012	Complete
RM5	751	175	152.4	3.2	VP12A	EP2	175	07/12/2011	Complete
RM6	904	153	152.4	2.8	EP2	VP11	153	07/12/2011	Complete
RM7	934	30	152.4	0.5	VP11	POL11	30	05/12/2011	Complete
RM8	1105	171	152.4	3.1	VP11	VP10	171	05/12/2011	Complete
RM9	1137	32	152.4	0.6	VP10	POL22	32	31/01/2012	Complete
RM10	1192	55	152.4	1.0	VP10B	POL22	55	31/01/2012	Complete
RM11	1198	6	152.4	0.1	VP10	VP10A	6	11/01/2012	Complete
RM12	1204	6	152.4	0.1	VP10A	VP10B	6	11/01/2012	Complete
RM13	1267	63	152.4	1.1	VP10B	VP10C	63	09/12/2011	Complete
RM14	1411	144	152.4	2.6	VP10C	EP34	144	09/12/2011	Complete
RM15	1521	110	152.4	2.0	EP34	VP19	110	09/12/2011	Complete
RM16	1743	222	152.4	4.0	VP10B	POL11	222	11/01/2012	Complete
RM17	1841	98	152.4	1.8	VP10C	POL10	98	07/12/2011	Complete
RM18	1899	58	152.4	1.1	VP10C	POL22	58	01/02/2012	Complete
RM19	2057	158	152.4	2.9	EP3A	EP3	158	13/12/2011	Complete
RM20	2181	124	152.4	2.3	EP3	POL9	124	07/12/2011	Complete
RM21	2334	153	152.4	2.8	VP10A	EP37	153	19/01/2012	Complete
RM22	2479	145	152.4	2.6	EP37	EP37A	145	19/01/2012	Complete
RM23	2659	180	203.4	5.8	VP19	EP4	180	19/01/2012	Complete
RM24	2671	12	152.4	0.2	VP19	VP19A	12	12/12/2011	Complete
RM25	2792	121	152.4	2.2	VP19A	EP5	121	09/12/2011	Complete
RM26	2879	87	152.4	1.6	EP5	EP5A	87	12/12/2011	Complete
RM27	3034	155	152.4	2.8	EP5A	EP6	155	12/12/2011	Complete
RM28	3201	167	152.4	3.0	EP6	VP6A	167	13/12/2011	Complete
RM29	3374	173	203.2	5.6	EP4	VP7B	173	19/01/2012	Complete
RM30	3489	115	203.2	3.7	VP7B	EP7	115	19/01/2012	Complete
RM31	3627	138	203.2	4.5	EP7	EP42	138	19/01/2012	Complete
RM32	3777	150	203.2	4.9	EP42	EP41	150	19/01/2012	Complete
RM33	3890	113	152.4	2.1	VP6A	VP6B	113	19/01/2012	Complete
RM34	3907	17	152.4	0.3	VP6B	EP42	17	19/01/2012	Complete
RM35	4071	164	152.4	3.0	EP8	EP9	164	04/01/2011	Complete
RM36	4201	130	203.2	4.2	EP41	EP10	130	19/01/2012	Complete
RM37	4403	202	152.4	3.7	EP9	VP6C	202	04/01/2012	Complete
RM38	4408	5	152.4	0.1	VP6C	VP7A	5	04/01/2012	Complete
RM39	4567	159	152.4	2.9	VP7A	VP7	159	04/01/2012	Complete
RM40	4609	42	152.4	0.8	VP7	POL8	42	04/01/2012	Complete
RM41	4790	181	152.4	3.3	VP6C	VP25A	181	04/01/2012	Complete
RM42	4833	43	152.4	0.8	VP6C	POL6	43	11/01/2012	Complete
RM43	4976	143	152.4	2.6	VP25A	EP11	143	03/01/2012	Complete
RM44	5114	138	152.4	2.5	EP11	VP5	138	03/01/2012	Complete
RM45	5233	119	152.4	2.2	VP5	POL5	119	11/01/2012	Complete
RM46	5386	153	152.4	2.8	VP5	VP5A	153	03/12/2012	Complete
RM47	5547	161	152.4	2.9	VP5A	EP12	161	03/12/2012	Complete
RM48	5619	72	152.4	1.3	EP12	EP13	72	03/01/2012	Complete
RM49	5778	159	152.4	2.9	EP13	EP15	159	22/12/2011	Complete
RM50	5937	159	152.4	2.9	EP15	EP16	159	22/12/2011	Complete
RM51	6041	104	152.4	1.9	EP16	EP17 B	104	22/12/2011	Complete
RM52	6181	140	152.4	2.6	EP17B	EP17C	140	22/12/2011	Complete

Pipe fill run reference no.	Ring Main Chainage	Length (m)	Pipe diameter (mm)	Pipe run volume (m ³)	Start (VP/EP)	Finish (VP/EP)	Length filled (m)	Foam filled date	Comments
RM53	6302	121	152.4	2.2	EP17C	VP2	121	20/12/2011	Complete
RM54	6354	52	152.4	0.9	VP2	VP3	52	19/01/2012	Complete
RM55	6442	88	152.4	1.6	VP1	POL21r	88	19/01/2012	Complete - POL21 riser
RM56	6780	338	152.4	6.2	VP3	VP3A	338	05/01/2012	Complete
RM57	6919	139	152.4	2.5	VP3A	VP4	139	05/01/2012	Complete
RM58	7086	167	152.4	3.0	VP4	EP31	167	05/01/2012	Complete
RM59	7189	103	152.4	1.9	EP31	POL3	103	05/01/2012	Complete
RM60	7270	81	152.4	1.5	VP2	VP1	81	21/12/2011	Complete
RM61	7362	92	152.4	1.7	VP3	POL21	92	01/02/2012	Complete
RM62	7377	15	152.4	0.3	VP2	POL21	15	01/02/2012	Complete
RM63	7668	291	152.4	5.3	VP1	EP18	291	21/12/2011	Complete
RM64	7818	150	152.4	2.7	Bldg 1403 site intake	EP35	150	25/12/2012	Complete
RM64	7968	150	152.4	2.7	EP35	EP34A	150	25/12/2012	Complete
RM65	8148	180	152.4	3.3	EP34A	EP34B	180	25/12/2012	Complete
RM66	8352	204	152.4	3.7	EP18	VP24	204	20/12/2011	Complete
RM67	8431	79	152.4	1.4	VP24	VP24A	79	20/12/2011	Complete
RM68	8538	107	152.4	2.0	VP24A	EP19	107	20/12/2011	Complete
RM69	8673	135	152.4	2.5	EP19	EP20	135	20/12/2011	Complete
RM70	8908	235	152.4	4.3	EP20	VP17A	235	20/12/2011	Complete
RM71	9069	161	152.4	2.9	VP17A	EP30	161	20/12/2011	Complete
RM72	9300	231	152.4	4.2	EP30	EP29	231	15/12/2011	Complete
RM73	9473	173	152.4	3.2	EP29	EP28	173	20/12/2012	Complete
RM74	9611	138	152.4	2.5	EP28	VP16	138	15/12/2011	Complete
RM75	9761	150	152.4	2.7	VP16	VP15	150	15/12/2011	Complete
RM76	9819	58	152.4	1.1	VP17A	VP17B	58	15/12/2011	Complete
RM77	10004	185	152.4	3.4	VP17B	EP21	185	15/12/2011	Complete
RM78	10163	159	152.4	2.9	EP21	VP21A	159	15/12/2011	Complete
RM79	10318	155	152.4	2.8	VP21A	EP22	155	15/12/2011	Complete
RM80	10463	145	152.4	2.6	EP22	VP20	145	15/12/2011	Complete
RM81	10597	134	152.4	2.4	VP20	VP23A	134	11/01/2012	Complete
RM82	10660	63	152.4	1.1	VP23A	VP23B	63	11/01/2012	Complete
RM83	10683	23	152.4	0.4	VP23B	POL13	23	11/01/2012	Complete
RM84	10866	183	152.4	3.3	VP20	EP23	183	13/12/2011	Complete
RM85	11048	182	152.4	3.3	EP23	VP20A	182	13/12/2011	Complete
RM86	11146	98	152.4	1.8	VP20A	EP25	98	13/12/2011	Complete
RM87	11303	157	152.4	2.9	EP25	EP26	157	12/12/2011	Complete
RM88	11433	130	152.4	2.4	EP26	EP27	130	12/12/2011	Complete
RM89	11553	120	152.4	2.2	EP27	VP19A	120	12/12/2011	Complete
RM90	11881	328	152.4	6.0	POL3 6" feed		328	20/01/2012	Complete
RM91	12197	316	101.6	2.6	POL3 4" return		316	20/01/2012	Complete
RM92	12537	340	152.4	6.2	POL10 6" feed		340	23/01/2012	Complete
RM93	12901	364	101.6	2.9	POL10 4" return		364	23/01/2012	Complete
RM94	12965	64	152.4	1.2	POL7 6" feed		64	23/01/2012	Complete
RM95	13049	84	101.6	0.7	POL7 4" return		84	23/01/2012	Complete
RM96	13277	228	152.4	4.2	POL8 6" feed		228	23/01/2012	Complete
RM97	13513	236	101.6	1.9	POL8 4" return		236	23/01/2012	Complete
No. of pipe runs		Total length of pipe (m)		Total pipe run volume (m³)			Total length filled (m)	No. of pipe runs filled	
98		13513		248.8			13513	98	
						Percentage complete	100%	100%	

Additional Ring Main runs identified from 1971 drawing

Pipe fill run reference no.	Ring Main Chainage	Length (m)	Pipe diameter (mm)	Pipe run volume (m ³)	Start (VP/EP)	Finish (VP/EP)	Length filled (m)	Foam filled date	Comments
RM105	13643	130	152.4	2.4	EP43	VP21B	130	11/01/2012	Complete
RM106	13887	244	152.4	4.4	VP21B	VP17	244	11/01/2012	Complete
RM107	13973	86	152.4	1.6	EP2B	POL14	86	06/02/2012	Complete
RM108	14126	153	152.4	2.8	VP12	POL15	153	05/01/2011	Complete
RM109	14203	77	152.4	1.4	VP16	POL17	77	11/01/2012	Complete
RM110	14323	120	152.4	2.2	EP19A	POL1	120	07/20/2012	Complete
RM111	14596	273	152.4	5.0	VP25A	POL20	273	16/02/2012	Complete
RM112	14611	15	152.4	0.3	VP23A	POL23A Pump house	15	07/02/2012	Complete
RM113	14731	120	152.4	2.2	POL23A Pump house 6"	POL23A Tank room	120	07/02/2012	Feed and return double run, combined length given - Complete
RM114	14791	60	76.2	0.3	POL23A Tank room 3"	POL23A Drain tank	60	07/02/2012	Double run, combined length given - Complete
RM115	14806	15	152.4	0.3	VP23B	POL23B Pump house	15	07/02/2012	Pipe run up to pump house intake flange - Complete
RM116	14966	160	152.4	2.9	POL23B Pump house 6"	POL23B	160	07/02/2012	Feed and return double run, combined length given - Complete
RM117	15046	80	76.2	0.4	POL23B Tank room 3"	POL23B Drain tank	80	07/02/2012	Feed and return double run, combined length given - Complete
RM118	15071	25	152.4	0.5	VP24	POL24 Pump House	25	01/02/2012	Complete
RM119	15215	144	152.4	2.6	POL24 Pump house 6"	POL24 tank room	144	01/02/2012	Feed and return double run, combined length given - Complete
RM120	15290	75	76.2	0.3	POL24 Tank room 3"	POL24 drain tank	75	07/02/2012	Complete
RM121	15378	88	152.4	1.6	VP25A	POL25 Pump house	88	13/02/2012	Complete
RM122	15530	152	152.4	2.8	POL25 Pump house 6"	POL25A	152	13/02/2012	Complete
RM123	15658	128	152.4	2.3	POL25 Pump house 6"	POL25B	128	13/02/2012	Complete
RM124	15758	100	76.2	0.5	POL25 Tank room 3"	EP50	100	13/02/2012	Complete
RM125	15858	100	76.2	0.5	POL25 Tank room 3"	EP51	100	13/02/2012	Complete
RM126	16098	240	152.4	4.4	POL1, 6" feed		240	07/02/2012	Complete
RM127	16338	240	101.6	1.9	POL1, 4" return		240	07/02/2012	Complete
RM128	16568	230	152.4	4.2	POL2, 6" feed		230	16/02/2012	Complete
RM129	16798	230	152.4	4.2	POL2, 6" return		230	16/02/2012	Complete
RM130	16963	165	152.4	3.0	POL5, 6" feed		165	31/01/2012	Complete
RM131	17128	165	101.6	1.3	POL5, 4" return		165	31/01/2012	Complete
RM132	17148	20	152.4	0.4	POL6, 6" feed		20	31/01/2012	Complete
RM133	17168	20	101.6	0.2	POL6, 4" return		20	31/01/2012	Complete
RM134	17368	200	152.4	3.6	POL9, 6" feed		200	31/01/2012	Complete
RM135	17583	215	101.6	1.7	POL9, 4" return		215	31/01/2012	Complete
RM136	17628	45	152.4	0.8	POL11, 6" feed		45	07/02/2012	Complete
RM137	17683	55	101.6	0.4	POL11, 4" return		55	07/02/2012	Complete
RM138	17743	60	152.4	1.1	POL12, 6" feed		60	16/02/2012	Original 1971 POL12 in QRA - Complete
RM139	17803	60	101.6	0.5	POL12, 4" return		60	16/02/2012	
RM140	18053	250	152.4	4.6	POL13, 6" feed		250	07/02/2012	Complete
RM141	18318	265	101.6	2.1	POL13, 4" return		265	07/02/2012	Complete
RM142	18378	60	152.4	1.1	POL14, 6" feed		60	06/02/2012	Complete
RM143	18423	45	101.6	0.4	POL14, 4" return		45	06/02/2012	Complete
RM144	18763	340	152.4	6.2	POL15, 6" feed		340	16/02/2012	Complete
RM145	19103	340	101.6	2.8	POL15, 4" return		340	16/02/2012	Complete
RM146	19138	35	152.4	0.6	POL16, 6" feed		35	31/01/2012	Complete
RM147	19163	25	101.6	0.2	POL16, 4" return		25	31/01/2012	Complete
RM148	19396	233	152.4	4.2	POL17 interior		233	31/01/2012	Complete
RM149	19552	156	152.4	2.8	POL 20 interior		156	16/02/2012	2No. Runs - Complete
RM150	19742	190	152.4	3.5	POL2 interior		190	13/02/2012	Complete
RM151	19967	225	152.4	4.1	North Paragon ring main section		225	16/02/2012	Complete
RM152	20117	150	152.4	2.7	POL4 fuel hydrant 6"		150	13/02/2012	Complete
RM153	20267	150	101.6	1.2	POL4 fuel hydrant 4"		150	13/02/2012	Complete
RM154	20622	355	152.4	6.5	Old site feed, south of Camp Road		355	25/01/2012	Complete

No. of additional fill runs	Length of additional pipe (m)	Total length of pipe (km)	Pipe run volume (m ³)	Total pipe run volume (m ³)	Total number of fill runs	Total length filled (m)	No. of pipe runs filled
50	7109	20.62	107.9	357	148	7109	50
					Percentage complete	100%	100%