



P2014/01663
Received 23/12/14

Sewer Node	Sewer Pipe Data									
REFERENCE	COVER LEVEL	INV LEVEL UPSTR	INV LEVEL DOWNSTR	PURP	MATL	SHAPE	MAX SIZE	MIN SIZE	GRADIENT	YEAR LAD
SK0933902	85.08	84.36	84.06	F	VC	C	275	ni	49.13	ni
SK0933903	87.08	84.57	84.12	S	CO	C	675	ni	84.47	ni
SK0933911	87.84	85.61	ni	F	VC	C	300	ni	0.00	ni
SK0933912	87.65	86.98	85.49	F	VC	C	225	ni	100.82	ni
SK0933918	87.25	85.83	ni	F	VC	C	100	ni	0.00	ni
SK0933919	87.32	85.77	85.69	F	VC	C	100	ni	37.13	ni
SK0933921	87.20	84.09	ni	S	CO	C	675	ni	0.00	ni
SK0933922	86.85	84.63	84.07	F	VC	C	300	ni	49.13	ni
SK0933923	85.89	83.43	ni	S	CO	C	600	ni	0.00	ni
SK0933924	86.55	83.96	83.44	S	CO	C	450	ni	51.93	ni
SK0934003	86.82	85.06	84.86	F	VC	C	225	ni	155.63	2005
SK0934005	89.37	87.74	87.58	S	VC	C	225	ni	22.07	2005
SK0934006	89.33	87.58	87.04	S	VC	C	225	ni	49.44	2005
SK0934007	88.96	87.04	86.20	S	VC	C	225	ni	22.07	2005
SK0934008	87.70	86.20	85.32	S	VC	C	225	ni	15.58	2005
SK0934009	86.95	85.32	84.09	S	VC	C	225	ni	19.20	2005
SK0934020	89.31	87.46	87.15	F	VC	C	150	ni	77.23	2005
SK0934021	89.28	87.15	86.68	F	VC	C	150	ni	35.98	2005
SK0934022	88.97	86.98	86.01	F	VC	C	150	ni	19.06	2005
SK0934023	88.21	86.01	85.33	F	VC	C	150	ni	31.85	2005
SK0934024	86.92	85.30	84.79	F	VC	C	150	ni	34.29	2005
SK0934025	86.15	84.85	84.40	F	VC	C	225	ni	45.78	ni
SK0934101	89.32	87.37	ni	F	VC	C	150	ni	0.00	ni
SK0934102	89.30	87.38	84.65	S	VC	C	300	ni	30.19	ni
SK0934104	90.67	87.95	ni	F	VC	C	150	ni	0.40	ni
SK0934108	90.63	88.36	ni	S	VC	C	200	ni	0.42	ni
SK0934204	87.93	86.97	86.18	S	VC	C	150	ni	73.25	ni
SK0934202	87.70	86.05	85.05	S	VC	C	225	ni	62.15	ni
SK0933901	89.87	87.97	87.78	F	CO	C	450	ni	28.37	ni
SK0933902	89.32	88.88	ni	F	VC	C	375	ni	0.00	ni
SK0933904	89.34	87.31	85.98	F	VC	C	225	ni	38.54	ni
SK0933905	ni	ni	83.94	S	VC	C	375	ni	0.00	ni
SK0933901	85.46	83.97	83.89	F	CO	C	400	ni	55.88	ni
SK0933902	85.42	83.85	83.53	F	CO	C	400	ni	70.50	ni
SK0933903	85.55	83.51	83.43	F	CO	C	400	ni	141.38	ni
SK0933904	85.61	83.62	83.14	F	VC	C	225	ni	94.34	ni
SK0933907	84.92	81.85	81.80	S	CI	C	800	ni	158.87	ni
SK0933909	85.88	83.15	83.13	F	VC	C	225	ni	144.00	ni
SK0933910	85.88	83.93	82.32	S	CO	C	450	ni	14.76	ni
SK0933911	ni	ni	ni	F	VC	C	150	ni	0.00	ni
SK0933921	85.42	83.42	83.14	F	CO	C	400	ni	81.71	ni
SK09331903	87.06	86.47	86.11	F	VC	C	150	ni	20.03	ni
SK09331904	87.01	86.59	ni	F	VC	C	150	ni	0.00	ni
SK09331907	87.22	86.93	86.72	F	VC	C	100	ni	25.67	ni
SK09331910	86.20	ni	ni	F	VC	C	150	ni	0.00	ni
SK09331911	86.46	ni	ni	F	VC	C	150	ni	0.00	ni
SK09331912	86.01	ni	ni	F	VC	C	150	ni	0.00	ni
SK09331913	ni	ni	ni	F	VC	C	150	ni	0.00	ni
SK09331914	ni	ni	ni	F	VC	C	150	ni	0.00	ni
SK09331915	ni	ni	ni	F	VC	C	150	ni	0.00	ni
SK09331916	ni	ni	ni	S	VC	C	150	ni	0.00	ni
SK09331917	ni	ni	ni	F	VC	C	150	ni	0.00	ni
SK09331918	86.79	85.10	83.88	S	VC	C	225	ni	34.45	ni
SK09332001	ni	ni	ni	F	VC	C	150	ni	0.00	ni
SK09332001	ni	ni	ni	F	VC	C	150	ni	0.00	ni
SK09332002	ni	ni	ni	F	VC	C	150	ni	0.00	ni
SK09332003	85.92	85.57	ni	F	VC	C	100	ni	0.00	ni
SK09332004	86.05	85.89	ni	F	VC	C	150	ni	0.00	ni
SK09332006	86.32	ni	ni	F	VC	C	150	ni	0.00	ni
SK09332007	86.19	ni	ni	F	VC	C	150	ni	0.00	ni
SK09332008	86.14	ni	ni	F	VC	C	150	ni	0.00	ni
SK0934001	84.89	83.13	82.82	F	CO	C	400	ni	117.02	ni
SK0934002	84.44	82.49	82.54	F	VC	C	225	ni	0.00	ni
SK0934003	84.25	81.54	81.19	S	CO	C	975	ni	160.54	ni
SK0934004	84.42	82.54	ni	F	CO	C	375	ni	0.00	ni
SK0934005	84.83	83.14	83.13	F	CO	C	400	ni	316.00	ni
SK0934006	84.83	83.16	82.50	F	VC	C	225	ni	89.18	ni
SK0934007	84.85	83.11	83.14	F	VC	C	225	ni	0.00	ni
SK0934010	85.32	83.24	82.78	F	VC	C	150	ni	6.29	ni
SK0934011	84.74	82.82	82.58	F	VC	C	150	ni	17.17	ni
SK0934012	85.50	84.47	ni	F	VC	C	150	ni	0.00	ni
SK0934013	85.64	84.75	84.49	F	VC	C	150	ni	43.85	ni
SK0934014	85.51	ni	83.58	F	VC	C	150	ni	0.00	ni
SK0934015	85.80	84.45	84.25	F	VC	C	150	ni	28.30	ni
SK0934016	86.93	85.61	84.47	F	VC	C	150	ni	23.94	ni
SK0934017	87.11	85.69	85.61	F	VC	C	150	ni	91.43	ni
SK0934018	87.12	86.42	ni	F	VC	C	150	ni	0.00	ni
SK0934019	85.61	84.87	83.03	F	VC	C	150	ni	3.30	ni
SK0934022	85.29	ni	83.25	F	VC	C	150	ni	0.00	ni
SK0934023	87.12	ni	ni	F	VC	C	150	ni	0.00	ni
SK0934024	87.09	ni	85.70	F	VC	C	150	ni	0.00	ni
SK0934025	84.27	82.47	82.33	S	CO	C	900	ni	250.83	2007
SK0934101	86.30	83.77	ni	F	VC	C	225	ni	0.00	ni
SK0934102	85.94	82.98	82.58	S	VC	C	375	ni	110.03	ni
SK0934103	86.47	84.60	ni	F	VC	C	150	ni	0.00	ni
SK0934104	86.44	84.62	ni	S	VC	C	300	ni	0.00	ni
SK0934201	86.20	84.38	83.78	F	VC	C	225	ni	86.47	ni
SK0934202	87.54	86.06	84.75	F	VC	C	225	ni	48.55	ni
SK0934203	86.13	84.63	84.41	F	VC	C	225	ni	258.55	ni
SK0934205	87.55	86.10	84.26	S	VC	C	225	ni	29.30	ni
SK0934206	86.15	83.94	83.55	S	CO	C	375	ni	142.85	ni
SK0934207	83.00	86.75	86.18	S	VC	C	150	ni	67.25	ni
SK0934208	86.02	84.26	83.97	S	CO	C	375	ni	131.31	ni
SK0934209	86.21	83.54	ni	S	VC	C	375	ni	0.00	ni

Sewer Node	Sewer Pipe Data									
REFERENCE	COVER LEVEL	INV LEVEL UPSTR	INV LEVEL DOWNSTR	PURP	MATL	SHAPE	MAX SIZE	MIN SIZE	GRADIENT	YEAR LAD
SK0934301	86.19	84.69	84.29	S	CO	C	375	ni	150.08	ni
SK0934301	ni	ni	ni	F	VC	C	375	ni	0.00	ni
SK0934302	ni	ni	81.23	F	VC	C	375	ni	0.00	ni
SK0934303	86.32	ni	ni	F	VC	C	375	ni	0.00	ni
SK0934304	ni	ni	ni	F	VC	C	375	ni	0.00	ni
SK0934305	85.28	84.00	83.88	S	VC	C	225	ni	170.00	ni
SK0934307	85.85	84.00	83.88	S	VC	C	225	ni	30.78	ni
SK0934308	86.28	83.88	83.50	S	VC	C	225	ni	17.90	2007
SK0934309	86.42	83.50	82.34	S	VC	C	225	ni	251.68	2007
SK0934310	84.38	82.34	82.20	S	CO	C	900	ni	249.63	2007
SK0934311	83.88	82.28	82.20	S	CO	C	900	ni	249.15	2007
SK0934312	84.03	82.33	82.28	S	CO	C	900	ni	249.30	2007
SK0934313	83.71	82.11	80.98	S	VC	C	225	ni	171.43	2007
SK0934314	83.68	81.19	80.70	S	CO	C	915	ni	180.29	ni
SK0934316	83.84	81.19	80.70	S	CO	C	915	ni	180.29	ni
SK0934317	83.82	81.19	80.70	S	CO	C	915	ni	180.29	ni
SK0934318	83.82	81.17	80.70	S	CO	C	915	ni	180.29	ni
SK0934319	84.26	81.20	81.17	F	VC	C	450	ni	275.00	ni
SK0934320	ni	ni	ni	S	VC	C	450	ni	0.00	ni
SK0934321	ni	ni	ni	S	VC	C	450	ni	0.00	ni
SK0934322	ni	ni	ni	S	VC	C	450	ni	0.00	ni
SK0934323	85.87	83.39	83.21	F	VC	C	100	ni	74.95	ni
SK0934324	85.91	ni	ni	F	VC	C	100	ni	0.00	ni
SK0934325	85.86	ni	ni	F	VC	C	100	ni	0.00	ni

Abandoned Sewer
 Private Combined Gravity Sewer
 Private Foul Gravity Sewer
 Private Surface Water Gravity Sewer
 Public Combined Gravity Sewer
 Public Foul Gravity Sewer
 Public Surface Water Gravity Sewer
 Trunk Combined Gravity Sewer
 Trunk Foul Use Gravity Sewer
 Trunk Surface Water Gravity Sewer
 Combined Use Pressurised Sewer
 Foul Use Pressurised Sewer
 Surface Water Pressurised Sewer
 Highway Drain
 Combined Lateral Drain (SS)
 Foul Lateral Drain (SS)
 Surface Water Lateral Drain (SS)

Cable, Earthing
 Cable Junction
 Cable, Optical Fibre/Instrumentation
 Cable, Low Voltage
 Cable, High Voltage
 Cable, Other
 Housing, Building
 Housing, Kiosk
 Disposal Site
 Sewage Treatment Works
 Housing, Other
 Pipe Support Structure
 Sewage Pumping Facility
 Sewer Facility Connection Inlet / Outlet

Blind Shaft
 Combined Use Manhole
 Flushing Chamber
 Foul Use Manhole
 Grease Trap
 Head Node
 Hydrobrake
 Lamphole
 Outfall
 Overflow
 Penstock
 Petrol Interceptor

Sewer Chemical Injection Point
 Sewer Junction
 Sewerage Air Valve
 Sewerage Hatch Box Point
 Sewerage Isolation Valve
 Soakaway
 Surface Water Manhole
 Vent Column
 Waste Water Storage
 Culverted Watercourse
 Pre-1937 Properties

MATERIALS
 AC - ASBESTOS CEMENT
 BR - BRICK
 CC - CONCRETE BOX CULVERT
 CI - CAST IRON
 CO - CONCRETE
 CSB - CONCRETE SEGMENTS (BOLTED)
 CSU - CONCRETE SEGMENTS (UNBOLTED)
 DI - DUCTILE IRON
 GRC - GLASS REINFORCED CONCRETE
 MAC - MASONRY IN REGULAR COURSES
 MAR - MASONRY RANDOMLY COURSED
 PE - POLYETHYLENE
 PF - PITCH
 PP - POLYPROPYLENE
 PSC - PLASTIC STEEL COMPOSITE
 PVC - POLYVINYL CHLORIDE
 RPM - REINFORCED PLASTIC MATRIX
 SI - SPUN (GREY) IRON
 XXX - OTHER

CATEGORIES
 W - WEIR
 C - CASCADE
 DB - DAMBOARD
 SE - SIDE ENTRY
 FV - FLAP VALVE
 BD - BACK DROP
 S - SIPHON
 HD - HIGHWAY DRAIN
 S104 - SECTION 104

TABULAR KEY
 A. Sewer pipe data refers to downstream sewer pipe.
 B. Where the node indicates (splits) X and Y indicates downstream sewer pipe.
 C. Gradient is stated a 1 in...

SHAPE
 C - CIRCULAR
 E - EGG SHAPED
 O - OTHER
 R - RECTANGLE
 S - SQUARE
 T - TRAPEZOIDAL
 U