

From: [Peter Davidson-8456](#)
To: [Hannah Nguyen](#)
Subject: Well details for Shell Queen Street Blenheim petrol station
Date: Tuesday, 4 July 2017 8:20:16 a.m.

Morning Hannah,

Attached are the details of the wells for the Queen Street petrol station piezometers established in 1995. I have allocated 3 new well numbers for MW4-MW6 and have listed the grid references for all 6 piezometers in the table. These are very shallow wells (piezometers) for detecting the presence of stray petroleum products leaking from the storage tanks. They have a similar construction – 100 millimetre diameter corrugated storm water drainage pipe. The piezometers have threaded caps with toby boxes at the ground surface. Lets attach a copy of the PDP consultants report to each well in the database Hannah. The static water levels are in the right hand column.

Pete

Contractors name for piezometer	MDC well number	easting	northing	Depth of casing (m. below groundlevel)	Depth to water (m. below ground level on 15 th March 1995)
MW1	P28W/4009	1679717	5403732	1.93	1.14
MW2	P28W/4010	1679726	5403729	1.28	1
MW3	P28W/4011	1679723	5403733	1.39	1.06
MW4	P28W/4988	1679723	5403739	1.5	1.07
MW5	P28W/4989	1679723	5403746	1.69	0.99
MW6	P28W/4990	1679718	5403739	1.74	1.2

Casing diameter = 100 mm

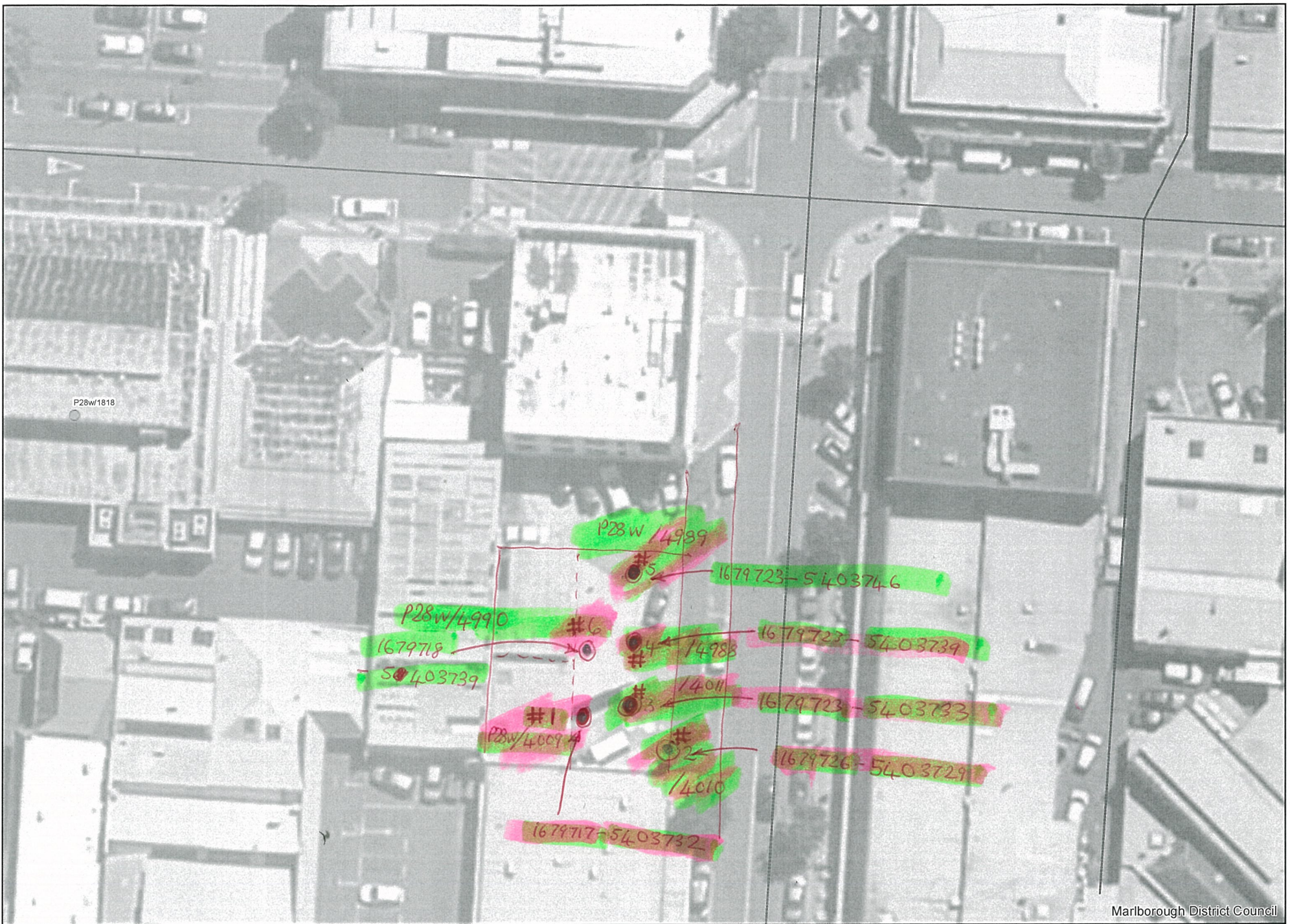
Taylor River Gravels Aquifer- unconfined structure.

Well type: monitor presence of hydrocarbon pollutants in shallow groundwater/soil leaked from petrol station storage tanks.

Well status: probably still exist

Date drilled: 15/3/95

Drilling Contractor: not specified.



P28w/1818

P28w/4989

1679723-5403746

P28w/4990

1679718-5403739

1679723-5403739

14011

1679723-5403733

P28w/4009

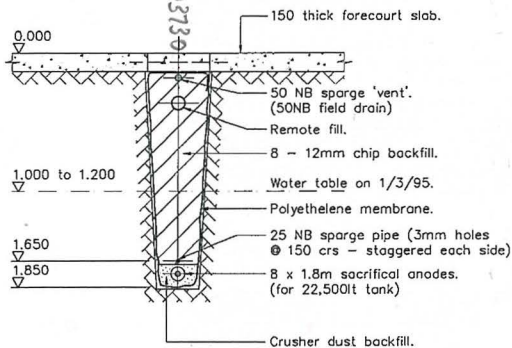
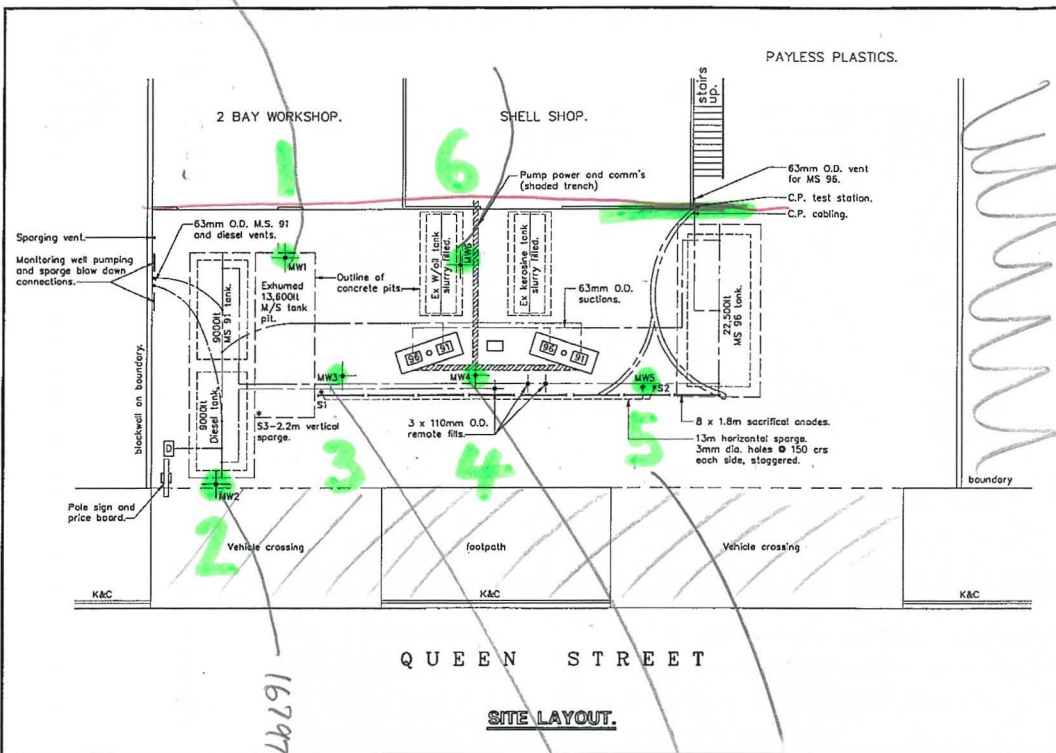
14010

1679726-5403729

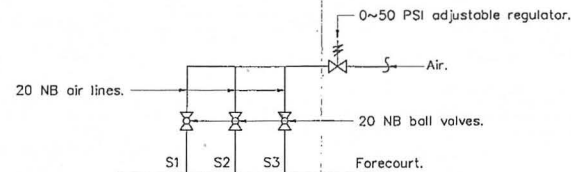
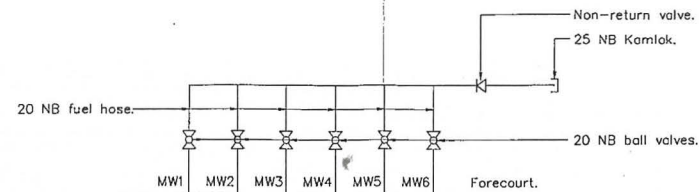
1679717-5403732

Marlborough District Council

threaded top caps with topy boxes at 6 monitoring wells. 100 mm ϕ corrugated stormwater drainage pipe.



Ground conditions :- Predominately grey/black clay with layers of silt and fine sand to around 1.7m deep.
 - Gravels, grey, rounded, up to 30mm dia. with medium sand between 1.7m and bottom of trench.



NOTES.

- M.W.1-M.W.6 = 100NB monitoring wells each supplied with 20NB hoses for future use. Terminated at manifold adjacent vents.
- S1-S3 = 25NB sparge connections fitted with 20NB air lines terminated at manifold adjacent vents for future use.
- All pipework is u.P.P.
- MS 9000lt and diesel 9000lt tank connections :- Fill sockets 80NB Vent sockets 40NB
- Contractor :- Alan Piper, Engineer :- Chris Higgs.
- Contract N° S4122.

Issue	amendments	date
Shell Companies in New Zealand 96 The Terrace Wellington		
RETAIL SOUTHERN REGION. QUEEN ST. SERVICE STATION. BLENHEIM. 'AS BUILT' PIPEWORK UPGRADE FEB. 95.		
Drawn P.F.Nicholson	Date 09/01/95	for ENGINEERING MANAGER
Checked	Date	Drawing Number 898A107
Plot Scale 1:100	Issue	Plot Date 23/03/95 @ 16:37