

**Bore or Well No:** M34/5603

**Well Name:** M34/5603

**Owner:** McKean Estates Waipara Limited



**Street of Well:** Innes and Purchas Roads

**File No:** CO6C/19021

**Locality:** Glasnevin

**Allocation Zone:** Waipara

**NZTM Grid Reference:** BV24:77931-26388 QAR 2

**CWMS Zone:** Hurunui - Waiau

**NZTM X-Y:** 1577931 - 5226388

**Location Description:** Next to tanks close to Innes Road in big vineyard

**Uses:** Irrigation

**ECan Monitoring:**

**Well Status:** Active (exist, present)

**Drill Date:** 28 Nov 2002

**Water Level Count:** 12

**Well Depth:** 108.00m -GL

**Strata Layers:** 29

**Initial Water Depth:** -5.80m -MP

**Aquifer Tests:** 1

**Diameter:** 200mm

**Yield/Drawdown Tests:** 12

**Measuring Point Ait:** 73.33m MSD QAR 4

**Highest GW Level:** 2.30m below MP

**GL Around Well:** -0.30m -MP

**Lowest GW Level:** 8.30m below MP

**MP Description:** ToC

**First Reading:** 22 Jul 2009

**Last Reading:** 02 Jun 2010

**Driller:** McMillan Drilling Ltd

**Calc. Min. (Below MP):** -4.40m -MP

**Drilling Method:** Rotary/Percussion

**Last Updated:** 03 May 2016

**Casing Material:** STEEL

**Last Field Check:** 22 Jun 2010

**Pump Type:**

**Yield:** 29 l/s

**Aquifer Type:**

**Drawdown:** 53 m

**Aquifer Name:**

**Specific Capacity:** 0.82 l/s/m

**Screens:**

Screen No.	Screen Type	Top (m)	Bottom (m)	Diameter (mm)	Leader Length (mm)	Slot Size (mm)	Slot Length (mm)
1	Slotted Casing	69.5	71.5				
2	Slotted Casing	101.5	104.5				

**Step Tests:**

Step Test Date	Step	Yield (l/s)	Drawdown	Duration (mins)
28 Nov 2002	8	19.09354	21.74	150
28 Nov 2002	9	25.76112	37.09	255
28 Nov 2002	10	29.47375	53.07	90
11 Feb 2003	1	10.8	13.2	60
11 Feb 2003	2	13.8	19.1	60
11 Feb 2003	3	17.4	25.6	60
11 Feb 2003	4	21.2	33.4	60
11 Feb 2003	5	24.4	48.5	90
11 Feb 2003	6	25.2	57	720
11 Feb 2003	7	24.4	57.3	750

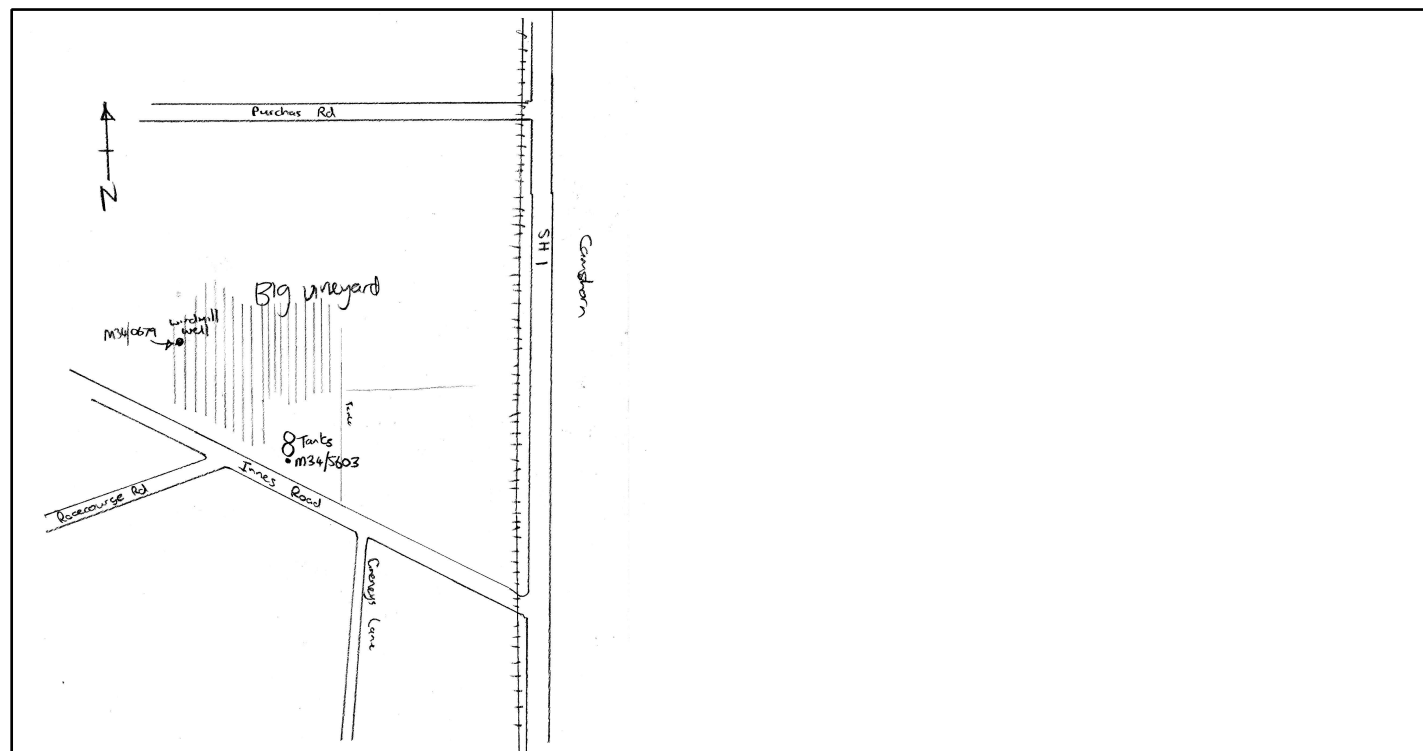
Date	Comments
14 Nov 2002	New location requested and confirmed
11 May 2007	Gridref changed from: M34:8778-8828. New gridref taken in field using handheld GPS. Could not take levels due to tight access
15 Aug 2007	routine monitoring visit 30-3-07. Measured flow 24L/s
31 Mar 2008	routine monitoring visit undertaken on 18/12/07 measured flow rate at 20.6 l/s
21 Jun 2011	Site visit by Marco to download data logger on the 9/6/2011.

#### Aquifer test date(s) where this is the pump bore

11 Feb 2003 - step

#### Aquifer test date(s) where this is an observation bore

21 Feb 2006 - constant - Pump bore: M34/5707



#### Borelog for well M34/5603

Grid Reference (NZTM): 1577932 mE, 5226389 mN  
 Location Accuracy: 2 - 15m  
 Ground Level Altitude: 73.0 m +MSD Accuracy: < 0.5 m  
 Driller: McMillan Drilling Ltd  
 Drill Method: Rotary/Percussion  
 Borelog Depth: 108.0 m Drill Date: 28-Nov-2002



Scale(m)	Water Level	Depth(m)	Full Drillers Description	Formation Code
		0.30m	Earth & gravel	
		0.30m	Earth & gravel	
1			Moist claybound gravel	
2				
3				
4				
5		5.00m	Moist claybound gravel	
		5.00m	Water-bearing claybound gravel	
6				
7				
8				

